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September 27, 2007

NCE Job #A399.08.35

Mr. Ron Stickel
Teichert Aggregates
3500 American River Drive
Sacramento, California 95864-5805

Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APNs 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

Dear Mr. Stickel:

Nichols Consulting Engineers, Chtd. (NCE) is pleased to submit the attached *Phase I Environmental Site Assessment* performed at the above referenced site. If you have any questions please do not hesitate to call.

Yours very truly,

Nichols Consulting Engineers, Chtd.

Michael J. Leacox, C.E.G.
Principal

Enclosure

cc: Erin Quinlan Riley, Esq.

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Prepared for

Teichert Aggregates
3500 American River Drive
Sacramento, California 95864-5805

NCE Project No. A399.08.35

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Project Geologist

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DISTRIBUTION

EXECUTIVE SUMMARY

NCE conducted a Phase I ESA for Teichert Aggregates (Teichert) on approximately 443 acres of land located approximately 3.5 miles west of Woodland, California in Yolo County, California, known as Yolo County APNs 025-430-01, 025-430-02, 025-120-32 and 025-120-33 (the "Site"). The Site is located east of Road 94B and north of Road 22 (Plates 1 through 4). This ESA included a site visit and reconnaissance of the surrounding area, a review of aerial photographs, interviews with knowledgeable persons regarding the site history, and a review of government environmental agency listings.

It is our understanding that the purpose of the ESA is to facilitate a potential lease of the property by Teichert. The Site is located in rural area where land use is predominantly agricultural with some residential and light industrial development including aggregate mining. The Site has historically, and is currently, used for row crop farming including the cultivation of tomatoes, sunflowers and winter wheat. Irrigation for the crops appears to be provided by water from the Moore Canal that bisects the Site from west to east. According to Mr. Les Shifler, (the current owner), the property was known as the Stevens Ranch and has been owned by the family of Mr. Shifler's mother for the past 100 years. Based on information provided by Mr. Shifler, and review of historic aerial photographs, there was a former ranch headquarters located near the north-central portion of the Site (Plate 3). Mr. Shifler said that the ranch headquarters was intentionally burned down as part of fire department training exercise in the late 1970's or early 1980's. Mr. Shifler was not able to provide much detail with regard to the former ranch headquarters and did not know if the headquarters included a well, above ground storage tanks (AST's) or underground storage tanks (UST's). NCE attempted to contact the Woodland Fire Department to inquire about the training exercise described above, at the time of this report no additional information was available.

Our site visit to the ranch headquarters area revealed a relatively flat area that included remnants of the building pads and foundations for structures associated with former headquarters. The area was overgrown with vegetation. Refuse piles were observed at the ranch headquarters area and in the area to the north and northeast of the building pad (Plates 5 and 6). Based on the observable contents it appears that at least some of the remains of the former ranch headquarters may have been left. In addition, the area to the north-northeast abuts the previously mined portions of the gravel pit and may have received "spoils" from the previous mining activities. Based on the above it appears that potential environmental concerns associated with this investigation are related to the former ranch headquarters. The following is a list of those concerns:

- The potential for USTs.
- The potential for a former water supply well.
- The existence and location of a former septic system is not known.
- The potential storage and disposition of agricultural chemicals at the former ranch headquarters.
- The disposition and potential onsite disposal of waste oil and solvents commonly associated equipment maintenance.
- The contents (including potential asbestos, petroleum hydrocarbons, solvents, agricultural chemicals, etc.) of the refuse piles to the north and northeast of the former ranch headquarters.

To further evaluate the above potential concerns, NCE recommended (in an email sent to Mr. Ron Stickel) conducting a limited Phase II investigation that included a geophysical survey and the excavation of backhoe test pits. On July 26, 2007, NCE received verbal approval from Mr. Stickel to implement the recommendations. The Phase II investigation activities were conducted between August 6, 2007 and August 9, 2007 and consisted of a geophysical investigation to locate buried objects such as USTs, wells and septic tanks, or any other anomalous objects that may be of potential concern in the vicinity of the former ranch headquarters (study area). The geophysical investigation was followed by a backhoe investigation where a series of backhoe test pits were excavated at the location of the anomalies identified by the geophysical investigation and at several locations around the refuse piles.

Prior to conducting the geophysical investigation, the ground surface was cleared of vegetation to facilitate performing the investigation. Clearing of the vegetation revealed additional portions of a foundation, some asphalt paving and a concrete pad that included a domestic well. The geophysical investigation revealed five anomalies (A1 through A5) indicative of buried metal. Anomalies A1 through A5 were marked in the field with labeled stakes. An attempt was made to locate potential septic tanks often associated with old farm buildings utilizing radar scans. However, the clay content of the soil at the study area was too high for the radar to penetrate and the radar scans were inconclusive. A total of 17 test pits were excavated including test pits at each of the 5 anomalies (A1 through A5) identified during the geophysical investigation. Test pits were also excavated at 8 locations within the refuse piles. Within some of the test pits NCE observed buried debris, burned debris, steel, wood, glass and plastic. NCE did not observe signs of soil staining and odors, obvious signs of containers of agricultural chemicals, or visible sign of spilled chemicals in any of the test pits. A deteriorated metal tank of undetermined use was found in test pit TP-2. No soil staining or odors were visible in the soils around the tank.

Based on the Phase II it appeared as though disposal of waste materials has occurred on the Site. Wastes include surface materials as well as buried debris and waste encountered within several of the test pits excavated around the anomalies. Some of the debris appeared to have been burned prior to burial. While the owner did not provide conclusive detail on the presence or absence of current or historical USTs or ASTs at the Site, or detail regarding the historical use and potential storage of chemicals of any kind at the Site, the results of this investigation suggests a reduced potential for significant concerns associated with AST's, UST's, or the presence of large amounts of agricultural chemicals.

An abandoned domestic well was identified but the assumed septic system was not. The well is considered an abandoned well in accordance with State of California Well standards and according to State Well Standards, is required to be destroyed. The status of the septic system is not known. In addition, a steel pipe was also found that was buried approximately four feet below the ground surface (Plate 8). This pipe extended to a depth of approximately 20 feet. The purpose and or use of this pipe is not know.

The Phase I also identified that two abandoned gas wells are located on the parcels including a well located near the southwestern boundary of Parcel 2 (abandoned in 1994) and a well located near the south central portion of Parcel 3 (abandoned in 1985). California Division of Oil and Gas (DOG) was contacted regarding the potential concerns associated with mining in and around the abandoned gas wells. They indicated that they did not have any guidance on this issue but that the concern would be if a well was not abandoned properly, and that was discovered during the mining activities, re-plugging of the wells/boreholes may be necessary to protect underlying

groundwater. Based on the logs it also appears that the abandoned well were cut off within five feet of the ground surface suggesting that mining activities will likely encounter the abandoned steel casings.

The purpose of this Phase I was to assess if there are impacts associated with historical activities on the property. Based on the findings of this ESA, it appears that property has had improper disposal of materials in and around the farm headquarters area from occasional disposal of waste and debris in the areas north of the former farm headquarters. Evaluating the extent of these impacts both chemically and spatially was beyond the scope of the ESA. However, a detailed characterization does not appear necessary to support the conclusion about existing impacts.

This document was prepared for the sole use of Teichert, the only intended beneficiaries of our work. Any party, other than the aforementioned, which relies on the information contained herein without the prior written consent of NCE and Teichert does so at their own sole risk and without any liability or legal exposure on the part of NCE or Teichert.

1.0 INTRODUCTION

1.1 General

Nichols Consulting Engineers (NCE) was retained by Teichert Aggregates (Teichert) to prepare a Phase I ESA, in conformance with ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-05, and the Environmental Protection Agency's (EPA) All Appropriate Inquiries (AAI) Final Rule, on the Site in accordance with our Agreement. NCE also performed a limited Phase II investigation. The Site is located approximately 3.5 miles west of Woodland, Yolo County, California (Plates 1 through 3).

1.2 Purpose and Scope

1.2.1 Purpose

The purpose of this ESA was to provide information on the Site and surrounding area with respect to the potential presence of hazardous materials and wastes on, beneath, or in the vicinity of the Site. This ESA was completed in general conformance with the scope and limitations of ASTM E 1527-05 as well as the EPA's AAI Final Rule. The qualifications of the Environmental Professional completing this ESA and responsible for preparation of this report meet those standards included in the AAI Final Rule. This evaluation was based on information gathered from federal, state, and local agencies; interviews with people familiar with the property; a site visit conducted by NCE personnel; and a brief reconnaissance of the surrounding areas and a limited Phase II investigation.

1.2.2 Scope

In general, the scope of this Phase I assessment consisted of reviewing readily available information and environmental data relating to the property; interviewing readily available persons knowledgeable about the Site; reviewing readily available maps, aerial photographs and records maintained by federal, state, and local regulatory agencies; and conducting a site visit.

The specific scope of this assignment included the following:

- Perform a site reconnaissance to visually review onsite conditions and assess the Site's location with respect to surrounding property uses and natural surface features. In addition, NCE conducted a reconnaissance of the surrounding roads and readily accessible adjacent properties to identify obvious potential environmental conditions on neighboring properties. Photographs taken as part of the site reconnaissance are provided on Plates 4 and 5.

- Review readily available environmental databases maintained by federal, state, and local agencies within the ASTM 1527-05 approximate minimum search distances as described within the Regulatory Review Section 5.0 of this report. A copy of the Computerized Environmental Report, provided by Environmental Data Resources, Inc., is attached as Appendix A.

- Conduct a site visit on June 4, 2007. The visit was conducted by Mr. Frank Drewes representing NCE. The Site was represented by Mr. Les Shifler, the Site's owner. The

weather was clear and the temperature was approximately 75° F at the time of the survey. NCE conducted the site reconnaissance in a systematic manner.

- Interview persons familiar with the property were conducted by NCE to obtain information on present and previous onsite activities potentially resulting in the environmental degradation of the Site or adjoining properties. A Pre-survey Questionnaire was reviewed with the current property owner Mr. Les Shifler. A completed copy of the Pre-survey Questionnaire is provided in Appendix B.

The following table presents a summary of the individuals contacted or to whom requests for documentation were made as part of this assessment:

Name	Affiliation	Telephone No.	Relationship to Site
Mr. Les Shifler	N/A	(916) 221-0100	Owner
Mr. Ron Stickel	Manager, Teichert Aggregates	(916) 484-3363	Potential lesee
Mr. Bill Cruickshank	Plant Manager, Teichert Aggregates	(530) 661-4296	Manager of Teichert's aggregate plant adjacent to Site.
Ms. Yvette Mitchell	Yolo County Department of Environmental Health	(530) 666-8646	NCE contacted Ms. Mitchell to inquire about environmental status of Site and selected adjacent properties.
Mr. Frank Muller	Site lease (Muller Ranch)	(530) 662-0105	Leases Site for row crop cultivation.
Mr. Jerry Salera	Division of Oil and Gas	(916) 322-1110	NCE contacted Mr. Salera to inquire about active or abandoned oil and gas wells in the Site vicinity.

- Review of information such as previously prepared environmental reports.

- Review readily available historical documents, such as topographic maps, aerial photographs, city directories, Sanborn Fire Insurance Maps and atlases, to identify previous activities on and in the vicinity of the Site. Copies of the historical aerial photographs are included in Appendix C.

- Conduct a visual survey for buildings or structures, and if present, visually survey readily accessible common areas for suspect asbestos containing materials (ACM). No onsite

buildings exist at the Site.

- Review published radon occurrence maps to determine whether the Site is located in an area with a propensity for elevated radon concentrations.
- An analysis of mold and/or mold issues were beyond the scope of this report.
- Assess the age of any onsite buildings, if present, to evaluate whether it is predisposed to contain lead-based paint. No onsite buildings exist at the Site.

1.3 Data Gaps

According to §3.3.20 of ASTM Standard E 1527-05 a data gap is a lack of or inability to obtain information required by the ASTM Standard despite good faith efforts to gather same. Data gaps may result from incompleteness in any of the activities required by the by the ASTM Standard. The following data gaps occurred in connection with this report:

Data Gap	Explanation	Significance of Gap
No information regarding the existence of domestic or monitoring wells at the Site.	The property owner, Mr. Les Shifler, could not provide verification of the existence of these items.	Likely to alter report's conclusions. Addressed in limited Phase II investigation.
No information regarding the existence of current or historical USTs or ASTs at the Site.	The property owner, Mr. Les Shifler, could not provide verification of the existence of these items.	Likely to alter report's conclusions. Addressed in limited Phase II investigation.
No information regarding the historical use or storage of chemicals of any kind at the Site.	The property owner, Mr. Les Shifler, could not provide verification of the existence of these items.	Likely to alter report's conclusions. Addressed in limited Phase II investigation.

2.0 SALIENT ASSIGNMENT INFORMATION

NCE Project No.:	A399.08.35
Project Name:	ESA Phase I Shifler Property
Assessors parcel number:	025-430-01, 025-430-02, 025-120-32 and 025-120-33
City, State and Zip:	Yolo, California 95776
Primary Use:	Agriculture
Age of Improvements:	N/A
Site Area:	443 acres
Reported Number of Tenants:	0
Number of Buildings:	0

3.0 SITE DESCRIPTION

3.1 Property Location

The Site consists of approximately 443 acres of land west of Woodland, California in Yolo County, California (Plates 1 and 2). The Site is located in Sections 21, 22, 27 and 28, Township 10 North, Range 1 East, of the Mt. Diablo Principal Meridian. The Site is located east of Yolo County Road 94B and north of Road 22. The Site occupies Yolo County Assessor's Parcel Numbers (APNs) 025-430-01, 025-430-02, 025-120-32 and 025-120-33 (Parcels 1 through 4, respectively [Plate 3]). Parcel 1 is 68.52 acres and bounded on the east by an aggregate processing plant operated by Teichert Aggregates (Plates 3 and 4) and Cache Creek generally describes the northwestern boundary of Parcel 1. Parcel 2 is 185.16 acres and bounded on the west by Road 94B and cultivated row crops on the south (Plates 3 and 4). Parcel 3 is 184.59 acres and adjacent to and east of Parcel 2. Parcel 3 is bounded on the south by Road 22 and on the east and northeast by cultivated row crops (Plates 3 and 4). Parcel 4 is 4.08 acres and adjacent to Parcel 1 on the west and Parcel 3 on the south. Teichert Aggregates lies to the north of the Parcel 4 and cultivated row crops occupy the land to the east of Parcel 3.

3.2 Additional Site Features

Parcel 1 is characterized predominantly by channel deposits of Cache Creek. The current creek channel flows through the northwestern portion of Parcel 1. A small area of the southern portion of Parcel I is utilized for row crop cultivation. The remaining area is unutilized and consists of small off road vehicle trails and brush. A system of dirt roads, presumably utilized by Teichert Aggregates, is also present on Parcel 1. A conveyor belt utilized for the transport of aggregate to the Teichert plant is present along the boundary between Parcel 1 and Parcel 2 (Plate 5). At the time of the site visit on June 4, 2007, Parcel 2 was utilized for the cultivation of tomatoes. An agricultural well is located near the west-central boundary of Parcel 2 (Plate 5). Near the northeast portion of Parcel 2 is the location of a former ranch headquarters (Stevens Ranch). No structures currently exist at the location and the area is now overgrown by low lying brush (Plate 5). A concrete pad, an old refrigerator and sofa were observed at the former ranch headquarters. A pile of refuse consisting of tree stumps, a mattress, wood, old couch, concrete, some steel, papers and tires was observed on the northwest side of the building pad of the former ranch headquarters (Plate 5). Refuse piles were also observed at a location approximately 200 to 300 feet northeast of the former ranch headquarters near the southeast portion of Parcel 1 and the southeast boundary of Parcel 4 (Plate 3). At these locations tree limbs, tires, appliances, an engine block, concrete, old 5-gallon cans, old coated pipe ("orangeburg pipe"), car parts and a door were observed in near surface soils (Plate 6).

An irrigation canal (Moore Canal) bisects Parcels 2 and 3 from the southwestern boundary of Parcel 2 to the northeast boundary of Parcel 3 (Plate 6). Parcel 3 is also utilized for the cultivation of row crops. At the time of the site visit winter wheat was being cultivated on the southern portion of the parcel and sunflowers were the predominant crop being cultivated on the northern portion. Parcel 4 did not appear to be utilized at the time of the site visit and was characterized by low lying brush. As described above, a refuse pile was observed near the southeast boundary of Parcel 4.

3.3 Surrounding Land Use

The property is located in a rural setting characterized by agriculture and gravel mining. The following is a tabulation of surrounding property usage:

Direction	Adjacent Properties	Surrounding Properties
North	Aggregate mining and agriculture.	Residential, aggregate mining and agriculture.
South	A cemetery, residential and agricultural land is adjacent to the southern property boundary. The cemetery includes a 500 gallon AST and a groundwater well (Plate 6). At the time of the site visit a vegetation consisting of reeds were observed growing in the direct vicinity of the well. Leaks in the well's distribution piping were observed and the presence of these marsh plants appears to be associated with the leak (Plate 7).	Agricultural and residential land extends to the distant south of the Site.
East	Agricultural land is adjacent to the eastern property boundary.	Agricultural land extends to the distant east of the Site. Yolo County Flyers Club and airport is located southwest of the Site.
West	A golf course and agricultural land abut the western Site boundary.	Agricultural land extends to the distant west of the Site.

3.4 Physical Site Setting

3.4.1 Size and Shape of Parcel

The property is irregularly shaped and 443 acres in size (total size of Parcels 1 through 4).

3.4.2 Topography

Topography at the Site slopes gently to the north and relief at the Site is predominantly flat. According to the topographic map (USGS, Woodland Quadrangle, 1981), the elevation of the Site ranges from approximately 89 feet above mean sea level (msl) near the northern property boundary to approximately 112 feet above msl near the southern property boundary. According to the Environmental Data Resources, Inc. (EDR), Radius Map Report (Appendix A), the northern portions of Parcels 2 and 3 and all of Parcels 1 and 4 are within the 100-year flood zone.

3.4.3 Surface Waters and Wetlands

Surface Waters

The Moore Canal bisects Parcels 2 and 3 from the southwest boundary of Parcel 2 to the northeast boundary of Parcel 3. Cache Creek flows along the northwest portion of Parcel 1.

Wetlands

The western portion of Parcel 1 is identified in the EDR report as being in the National Wetlands Inventory. No other wetlands were identified in the EDR Report or observed by NCE representatives during the June 4, 2007 site visit.

3.4.4 Soils, Geology, Groundwater and Seismicity

Geology

The Site is located in the central portion of the geomorphic province known as the Great Valley of California (Jenkins, 1943). This portion of the Great Valley occurs in the southern part of the Sacramento Valley, a topographic and structural trough bounded on the east by the northwesterly trending foothills of the Sierra Nevada and by the similarly trending Coastal Range on the west.

Within the region around the Sacramento area, the valley floor is composed of an approximately 100-foot-thick layer of Recent and Pleistocene-age. These sediments are composed of unconsolidated silts and sands, which grade into coarser-grained sands and gravels at depth (DWR, 1978). Exposed at the Site are recent age alluvial fan deposits consisting of heterogeneous fluviatile sediments ranging from clay and silt to coarse sand and gravel. Permeability is extremely variable from place to place. Near the northern portion of Parcel 1 recent age river deposits composed of sand, gravel, silt and minor amounts of clay. Sediments exposed at the Site overlie Pliocene-age Tehama Formation consisting of silt, sand, gravel and clay derived from Coast Ranges. Permeability of these sediments are variable, generally less than that of overlying alluvial-fan deposits (Jenkins, 1943).

Groundwater

Groundwater in the Site vicinity is reported to occur at an average of approximately 35 to 55 feet below ground surface (Yolo County Flood Control & Water Conservation District, 2004). The regional groundwater flow direction in the Site vicinity is generally eastward. Local groundwater gradients are likely significantly influenced by Cache Creek.

Seismicity

The closest fault in the Site vicinity with documented Historic displacement (less than 200 years) is the Green Valley Fault located approximately 35 miles south of the Site (California Division of Mines and Geology, 1994). Approximately 9 miles north-northwest of the Site, the Dunnigan Hills Fault displays evidence of Holocene age displacement (less than 11,000 years). Approximately 23 miles south of the Site, the Vaca Fault displays evidence of Late Quaternary-age displacement (greater than 700,000 years and less than 11,000 years). A trace of the Capay Fault, a pre-Quaternary age (greater than 1.6 million years) fault, passes within 10 miles west of the Site.

3.5 Site Improvements

3.5.1 Utilities

Based on our research and interview no current public utilities are located on the Site. It is not known if historical utilities existed at the Site. No power lines, domestic wells or any other utility was observed at the location of the former ranch headquarters described previously however, NCE suspects that a domestic well and a septic system existed at the former ranch headquarters. A power pole with a transformer was observed near the southwest boundary of Parcel 3 and transformers and power poles are present on the adjacent property to the north of Parcel 3.

3.6 Current Property Use

Mr. Les Shifler has owned the Site since 2005. Prior to 2005 the Site was owned by the family of Mr. Shifler's mother. Mr Shifler leased the Site for crop cultivation. The Site's most recent use has been for row crop cultivation.

3.7 Environmental Permits

Based on our research, no environmental permits such as wastewater discharge, National Pollutant Discharge Elimination System (NPDES), air emissions, or petroleum bulk storage (PBS) tank registrations are required at the Site. The Site is likely a party to a watershed group managed by the Yolo County Flood Control and Water Conservation District.

4.0 HISTORICAL USE

4.1 Historical Summary

At the time of the site visit on June 4, 2007, the Site was being utilized for the cultivation of tomatoes, sunflowers and winter wheat. Interviews, historical topographic maps and photographs suggest the Site was historically used for agriculture. To further document the historical Site use, NCE contacted the owner of the property, Mr. Les Shifler. At that time Mr. Shifler indicated that he had become the owner of record in 2005 and that the Site has been leased to Mr. Frank Muller for for cultivation of row crops. Prior to 2005 the Site was owned by Mr. Shifler's mother. Mr. Shifler also indicated that the Site has been within his mother's family for the past 100 years during which time it was known as the Stevens Ranch and owned by Mr. Shifler's great grandfather, Mr. A.C. Stevens. Mr. Shifler indicated that the Stevens Ranch headquarters was located near the northwest portion of Parcel 2 and that the buildings that comprised the headquarters was burned down as part of a training exercise by the fire department in the late 1970s or early 1980s. Mr. Shifler stated that he did not know if there was a well associated with the headquarters or the location of the septic system. In addition, Mr, Shifler stated that he did not know if there were any additional wells of any kind at the Site and did not know if there are any current or historical AST's or UST's at the Site.

During NCE's site visit the location of the former Stevens Ranch Headquarters was observed (Plate 5). At that time the location consisted of a relatively flat area that is presumed to be the former building pad. The former building pad was overgrown with vegetation and very little could be observed. At the location of the former building pad NCE observed an area of asphalt, a small concrete pad, a portion of what appeared to be a footing and an old refrigerator. No evidence of a septic system, domestic well or any other utility was observed at the location however NCE suspects that a septic system and a domestic well exist at the location. As described in Section 3.2 refuse piles were observed near the northwest side of the former building pad and at locations 200 to 300 feet northeast of the former building pad. Based on the type of refuse observed in the piles (concrete rubble, steel and orangeburg pipe) the possibility exists that the remains of the former ranch headquarters may have been dumped at these locations.

NCE contacted the Woodland Fire Department to inquire about the training exercise for the burning of the Stevens Ranch Headquarters. NCE left voice mail with Mr. John Guse' of the Woodland Fire Department requesting information regarding the event. At the time of this report NCE has not heard back from Mr. Guse'. NCE also contacted Mr. Frank Muller to inquire about agricultural practice at the Site. At that time Mr. Muller indicated that tomatoes, sunflowers and winter wheat were currently being cultivated at the Site and that ground application of fertilizers including nitrogen, phosphate and potassium were utilized. Mr. Muller also indicated that Roundup and Sonolan were also utilized for weed control. According to Mr. Muller no chemicals are currently being stored at the Site.

NCE contacted Yolo County Department of Environmental Health (YCDEH) to inquire if there were records on file with regard to the Site. NCE spoke to Ms. Yvette Mitchell of YCDEH and according to Ms. Mitchell, no record of environmental concerns regarding the Site were on file with YCDEH. To obtain additional historical information regarding the Site history NCE attempted to contact a neighbor who resides on the property adjacent to the northwest Site boundary. NCE left voicemail with the neighbor, Mr. Robert Frommheld [(530) 661-0206], inquiring about the history of the Site. At the time of this report NCE has not heard back from Mr. Frommheld.

4.2 Topographic Maps

NCE reviewed current USGS Woodland, California 15 and 7.5 Minute Series topographic maps of the Site area attached in Appendix D. The following summarizes this review:

Year	Site Property	Surrounding Properties
1907	The Moore Canal trends southwest –northeast and generally bisects the Site. A structure is shown at the location of the Stevens Ranch Headquarters area.	Cache Creek be identified to the north of the Site.
1915	Similar to the previous map reviewed.	Similar to the previous map reviewed.
1952	Similar to the previous map reviewed. Two structures are now shown at the Headquarters area. A groundwater well is shown near the western boundary of Parcel 2 and another well is shown near the southwestern boundary of Parcel 3.	Yolo County Fliers Club and Golf Course are now present to the southwest of the Site.
1953	Similar to the previous map reviewed.	Similar to the previous map reviewed.
1968	Similar to the previous map reviewed.	Similar to the previous map reviewed.
1975	Similar to the previous map reviewed.	Similar to the previous map reviewed.
1981	Similar to the previous map reviewed.	Similar to the previous map reviewed.

4.3 Historical Maps

Sanborn Fire Insurance Maps (Sanborn Maps)

Sanborn Maps constitute a source of prior Site uses of real property for many cities and towns in the United States. The maps were originally created to assist insurance underwriters in understanding the potential fire risk of structures requiring insurance; however, they are also useful in determining the previous uses of a property. Sanborn Maps often contain information relating to uses of individual structures, location of certain petroleum and chemical storage tanks, and the storage of other potentially toxic substances. Sanborn Maps begin their coverage in 1867 and continue through the 1990s.

NCE requested EDR conduct a search for available Sanborn Maps. EDR reported that Sanborn Map coverage was not available for the Site. Searching an information source such as Sanborn Maps constitutes part of the due-diligence necessary for an ESA. The lack of Sanborn Mapping suggests that there was no historical industrial activity on or in the immediate vicinity of the Site or simply that no

Sanborn mapping was historically conducted in this area.

4.4 Aerial Photographs

Aerial photographs frequently provide visual documentation of Site conditions at the time of the photographs. Activities such as dumping or industrial use can often be discerned through the review of aerial photographs. NCE reviewed historical aerial photographs provided by Environmental Data Resources, Inc. The source of each aerial is listed below.

The following is a summary of the aerial photographs reviewed:

Year	Site Property	Adjacent and Surrounding Properties	Source
1937	Due to the limited coverage of the 1937 aerial photograph, the extreme western portions of Parcels 1 and 2, and the extreme eastern portion of Parcel 3 are not visible in the photograph. Parcels 2 and 3 appear to be utilized for the cultivation of row crops. A canal bisects Parcels 2 and 3 from the west central boundary of Parcel 2 to the north eastern boundary of Parcel 3. A collection of farm buildings (Stevens Ranch Headquarters) surrounded by trees is visible near the northeastern boundary of Parcel 2. Undeveloped land with some trees characterizes Parcel 4. Parcel 1 also appears predominantly undeveloped with a small portion near the southern parcel boundary utilized for the cultivation of row crops. Cache Creek is visible in the photograph and flows from southwestern to northwestern portion of Parcel 1. Dirt roads are present on Parcel 1 and what appears to be disturbed ground surface, possibly associated with gravel mining activities, is visible near the northern portion of Parcel 1.	What appear to be gravel mining activities are visible beyond the western and northeastern boundaries of Parcel 1. Undeveloped land is visible beyond the northern boundary of Parcel 4. Further northeast of Parcel 4 is a collection of buildings that may to be associated with gravel mining activities. A small portion of land adjacent to the northeast portion of Parcel 3 is visible and is utilized for the cultivation of row crops. The land adjacent to the southern boundary of Parcel 2 is visible and is also utilized for the cultivation of row crops.	Laval
1957	The Site appears similar to the previous photograph.	Similar to the previous photograph reviewed.	Cartwright

1984	Similar to the previous photograph reviewed. The collection of farm buildings surrounded by trees visible near the northeastern boundary of Parcel 2 in the previous photographs are now gone.	Similar to the previous photograph reviewed with the exception that gravel mining activities now appear to extend southward adjacent to the eastern and northern boundaries of Parcels 1 and 4, respectively. A building and two objects that appear to be above ground storage tanks are now present adjacent to the southeast and southwest boundaries of Parcels 2 and 3, respectively. What appears to be farm houses are visible adjacent to the eastern boundary of Parcel 3.	WSA
1993	Similar to the previous photograph reviewed.	Similar to the previous photograph reviewed.	USGS
1998	Similar to the previous photograph reviewed.	Similar to the previous photograph reviewed.	USGS
2007	Similar to the previous photograph reviewed.	Similar to the previous photograph reviewed.	Google Earth

4.5 Chain-of-Ownership

A Chain-of-Title for the four parcels was not provided to NCE for review.

4.6 Previous Reports

The current property owner indicated he is unaware of any previous environmental assessments for the Shifler property.

4.7 City Directories

As the Site has no physical address, EDR could not complete a City Directory search for the Site property.

4.8 Interviews

An interview of the current property owner was conducted. No historical interviews regarding the Shifler Property were performed. However, according to Mr. Shifler, the Site has been owned by the family of Mr. Shifler's mother for the past 75 years. Mr. Shifler, the current owner, provided sufficient detail to establish ownership of the parcels, however, did not provide good detail on the specific activities that occurred on the parcels. This is particularly true for the ranch headquarters area.

5.0 REGULATORY REVIEW

A copy of regulatory database information contained within a Computerized Environmental Report (CER) provided by Environmental Data Resources, Inc. (EDR) appears in Appendix A. The CER is a listing of sites identified on select federal and state standard source environmental databases within the approximate minimum search distance specified by ASTM Standard Practice for Environmental Site Assessments E 1527-05 and AAI. NCE reviewed each environmental database in the CER. The list of databases searched by EDR along with their descriptions is summarized in Table 1.

Databases Reviewed	Approximate Minimum Search Distance (AMSD)	Number of Sites Within AMSD
EnviroStor	One and One-half Mile	0
California Cortese Hazardous Waste & Substances Sites List (Cortese)	One Mile	0
California Leaking Underground Fuel Tank Report (LUST)	One Mile	0
California Facility Inventory Database (CA FID UST)	Three-quarter Mile	0
Historic California Underground Storage Tank (HIST UST)	Three-quarter Mile	0
California Statewide Environmental Evaluation and Planning System (SWEEPS UST)	Three-quarter Mile	0
California SLIC	One Mile	0
Emissions Inventory data (EMI)	One-half Mile	0
Facility and Manifest Data (HASZNET)	One-half Mile	1
Above Ground Storage Tank Facilities (AST)	Three-quarter Mile	2
Waste Management Unit Database (WMUDS/SWAT)	One Mile	

The CER identified twenty seven "Orphan Sites". "Orphan Sites" are those sites that could not be mapped or "geocoded" due to inadequate address information. NCE attempted to locate these sites via a review of street maps and review of the respective databases. The "Orphan Sites" are as follows:

Site Name	Database
Agriform Farm Supply	SLIC
Spreckles Sugar Co.	EMI
Tauzer Facility	UST
Rice Hull Storage Site	WMUDS/SWAT
Pacific International	UST
Agriform Farm Supply	UST
Adams Grain Dryer	AST
George Aoki	LUST, Cortese
Agriform Farm Company	EMI

Site Name	Database
Robert Gillette	HIST UST
George Aoki Farms	UST
Yolo Co Flood Control	LUST, Cortese, UST
C L Smith Truckiing	UST
Adams Grain Co	EMI
Monument Hill Memorial Park	UST
Teichert Aggregates	EMI
Willow Oak Grocery	HIST UST
Tanaka Farms Inc.	HAZNET
CAL/West Seeds	EMI
Cal Oil Corp/Seedtech Division	Haznet
McKee Food Corporation	Haznet
Chevron Chem Company	RCRA-SQG, FINDS
Petoseed Co Inc	HAZNET
Richard E. Leonard	HIST UST
Cache Creek Regional Park	UST
Granite Construction Co	HIST UST
Composite Materials Inc	HAZNET

NCE's review of the above Orphan Site locations revealed that all but two are located down-gradient of the Site and are therefore unlikely to impact conditions at the Site. The two exceptions include Cache Creek Regional Park located at 1475 State Highway 16 and Monument Hill Memorial Park located at 35036 County Road 22. Cache Creek Regional Park is listed in the CER database for USTs and is located approximately one mile southwest of the Site. Due to the distance and cross-gradient location of this site it is unlikely to impact conditions at the Site. Monument Hill Memorial Park is also listed in the CER database for USTs and abuts the southern Site boundary. According to YCDEH records, no violations were reported for this property. Based on the status of this property with YCDEH, it is unlikely to impact conditions at the Site.

5.1 Federal Databases

5.1.1 RCRA Generators

NCE reviewed the list of sites which have filed notification with the USEPA in accordance with RCRA requirements. These sites include generators of hazardous waste regulated under RCRA. Under RCRA, hazardous waste generators are classified by the quantity of hazardous waste generated in a calendar month into the following categories: Large Quantity Generator, greater than 1,000 kilograms (kg); Small Quantity Generator, 100 to 1,000 kg; and Conditionally-Exempt Small Quantity Generator, less than 100 kg. RCRA Generators, while they represent some form of hazardous waste activity, are most significant if they are determined to have Class I Violations or to be non-compliant.

Analysis/Comment: The CER identified no RCRA Generators within a quarter-mile search radius:

5.1.2 Department of Defense Sites (DOD)

NCE reviewed the Department of Defense (DOD) list, which consists of federally owned or administered lands, administered by the DOD, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Analysis/Comment: The CER identified no DOD facilities within a one-mile radius of the Site.

5.2 California Environmental Protection Agency (Cal/EPA) and State Water Resources Control Board (SWTRCB) Databases

5.2.1 California EnviroStor

The Department of Toxic Substances Control's (DTSC) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL); State Response, including DOD Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information that was available in the CalSites database, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to limit land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Analysis/Comment: The CER identified no EnviroStor site within a one and one half mile radius of the Site:

5.2.2 Calsites Database (Hist Cal-Sites)

The Calsites database contains potential or confirmed hazardous substance release properties. The source of this database is the California Department of Toxic Substance Control. In 1996, California EPA reevaluated the Cal-Sites database and replaced it with ENVIROSTOR.

Analysis/Comment: The CER identified no Hist Cal-Sites within a one mile radius of the Site.

5.2.3 School Property Evaluation Program (SCH)

This database contains proposed and existing school sites that are being evaluated for possible hazardous materials contamination.

Analysis/Comment: The CER identified no School Property Evaluation Program site within a one-quarter mile search radius.

5.2.4 California "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This database identified public drinking water wells with detectable levels of contamination, sites with known toxic material identified through the abandoned site assessment program, hazardous

substance sites selected for remedial action, sites with USTs having a reportable release, and all solid waste disposal facilities from which there is a known migration of contamination. This listing is no longer updated by the state agency.

Analysis/Comment: The CER identified no Cortese sites within a one-mile radius.

5.2.5 Recycler Database (SWRCY)

The SWRCY database lists recycling facilities in California.

Analysis/Comment: The CER identified no SWRCY sites within the specified search radius.

5.2.6 California Leaking Underground Storage Tanks (LUST) List

The LUST list is an inventory of reported spills and leaks, both active and inactive, that is maintained by the various California Regional Water Quality Control Boards. It includes stationary and non-stationary source spills reported to state and federal agencies, including remediated and contaminated LUST sites.

Analysis/Comment: The CER identified no LUST sites within a one-mile search radius:

5.2.7 California Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive UST locations from the State Water Resource Control Board.

Analysis/Comment: The CER identified the following no FID sites within the prescribed one-quarter mile search radius:

5.2.8 California Underground Storage Tanks (UST) List

The UST list is an inventory of contains registered UST's maintained by the various California State Water Quality Control Board's Hazardous Substance Storage Container Database. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA).

Analysis/Comment: The CER identified no UST site within a three quarter-mile search radius.

5.2.9 Hazardous Substance Storage Container Database (HIST UST)

The Hazardous Substance Storage Container Database is a historical listing of UST facility sites.

Analysis/Comment: The CER identified no HIST UST sites within the specified search radius.

5.2.10 SWEEPS UST

This is the Statewide Environmental Evaluation and Planning System database. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site in the SWEEPS list.

Analysis/Comment: The CER identified no SWEEPS UST sites within the specified search radius. The SWEEPS database is no longer updated, but many of these locations do currently have active USTs.

5.2.11 Drycleaners

This database lists drycleaner related facilities that have an EPA ID number. These are facilities with certain SIC codes: power laundries, family and commercial, garment pressing, coin-operated laundries and cleaning and similar services.

Analysis/Comment: The CER identified no drycleaner sites within quarter-mile search radius.

5.2.12 AST

The Aboveground Storage Tank database contains registered ASTs. The data come from the state water Resources Control Board's Hazardous Substances Storage Container Data Base

Analysis/Comment: The CER identified two AST sites within a three quarter-mile search radius and they include the following:

1. Woodland Aviation, 17992 county Road 94B located approximately one half to one-mile west southwest of the Site.
2. Woodland Plant, 35030 County Road 20 located approximately one quarter to one half-mile northeast of the Site.

No violations were reported with regard to these two sites and as such, they are unlikely to impact conditions at the Site.

5.2.13 HAZNET

The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests and continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. The source is the department of Toxic Substance Control.

Analysis/Comment: The CER identified one HAZNET site within a one half-mile search radius which includes the following:

Teichert Aggregates, 35030 County Road 20 located approximately one quarter to one half-mile northeast of the Site.

No violations were reported with regard to this site and as such, it is unlikely to impact conditions at the Site.

5.2.14 State Water Resources Control Board (SWRCB) Waste Management Unit Database

System (WMUDS), April 2000

The WMUDS is used by the SWRCB and the RWQCB for program tracking and inventory of waste management units. The sources of the information include but are not limited to: Facility information, Schedule Inspection information, Waste Management Unit information, SWAT Program, Chapter 15 Information, TPCA Program information, and Closure and Interested Parties information.

Analysis/Comment: The CER identified no WMUDS sites within the ASTM-specified search radius.

California Division of Oil and Gas (DOG) Methane Zones and Oil or Gas Well Information – The DOG maintains maps showing the location of active or abandoned gas or oil wells throughout the State.

Analysis/Comment: NCE contacted Mr. Jerry Salera of DOG and according to Mr. Salera, no active oil or gas wells were identified in Sections 21, 22, 27 and 28, Township 10 North, Range 1 East. Mr. Salera indicated that three abandoned gas wells (Plate 3) are located on these Sections including two wells on the Site: the Torrence Claar 28-1 well located near the southwestern boundary of Parcel 2 (abandoned in 1994) and the Stevens Well B 1 located near the south central portion of Parcel 3 (abandoned in 1985). The offsite well is the Yolo Corp well located near the southeastern boundary of Parcel 2 (abandoned in 1925). Reports on the well abandonments are presented in Appendix G.

Review of the abandonment log for the Torrence Claar 28-01 indicates that the well was abandoned under guidance from the DOG with the top of the casing being cut-off 5 feet below the ground surface. The well abandonment log for the Stevens B 1 well indicates that the casing was also cut off but does not indicate at what depth.

6.0 SITE RECONNAISSANCE

6.1 Chemical Storage and Usage

There were no visible signs of chemical storage on the Site property.

6.2 Bulk Storage Tanks

Underground Storage Tanks (USTs)

No USTs were identified on the Site property and no common indicators of USTs such as vent pipes, fill ports, manways, pavement cuts, fuel gauges or dispensers were observed. Furthermore, the Site was not identified on the California list of registered UST facilities.

Aboveground Storage Tanks (ASTs)

No permanent ASTs were observed and NCE did not identify any equipment which should require such tanks. Moreover, visual indicators of former Site ASTs, such as tank cradles, secondary containment structures, tank pedestals, etc., were not observed.

6.3 Site Waste and Wastewater

Solid Waste

As the Site property is agricultural land, there is no solid waste generated onsite and no need for dumpsters or disposal.

Sanitary Sewage

As the Site property is agricultural land, there is no sewage waste generated onsite and no need for disposal. NCE did not observe any sources of wastewater or liquid discharge. The location of the former ranch headquarters should have included a septic system although no evidence of one was observed during NCE's site visit.

Hazardous Waste

NCE observed no signs of hazardous waste onsite of the Site property.

6.4 Stained Soil, Stained Pavement, or Stressed Vegetation

There was no evidence of significant soil staining, stained pavement, or stressed vegetation observed onsite. Near the northeastern boundary of Parcel 2 is an area of diesel stained soil associated with an irrigation water pump (Plates 4and 7). The diesel appeared to be deminimus.

6.5 Liquid Discharges

No visible evidence of liquid discharges, suspected to represent an environmental concern were observed during our survey.

6.6 Pools of Liquid

NCE did not observe significant standing surface water or pools containing liquids likely to be hazardous substances or petroleum products.

6.7 Pits, Ponds, or Lagoons

NCE did not observe any pits, ponds, or lagoons on the Site. A small pond located directly adjacent to eastern Site boundary was observed. The pond is associated with the farm buildings adjacent to the eastern Site boundary and is presumed to be utilized for irrigation purposes.

6.8 Wells

NCE identified one groundwater wells onsite. The well is located near the west-central boundary of Parcel 2. It is not known if the well is currently active or abandoned. Based on information provided by Mr. Jerry Salera of DOG, there are no active oil or gas well in the Site vicinity however there are three abandoned gas well located onsite. The three abandoned wells are located on the southern portions of Parcel 2 and Parcel 3. During the initial site visit NCE did not identify a well at the former ranch headquarters. Although a well was not identified, NCE suspected that a domestic well existed at this location which was confirmed in the Phase II investigation.

6.9 OnSite Fill

What appeared to be partially buried rubble and construction debris were observed at the ranch headquarters and on the northwest side of the former ranch headquarters (Plate 4). Additional construction debris was observed approximately 200 feet northeast of the former ranch headquarters (Plates 5 and 6). NCE did not identify any additional onsite fill.

6.10 Drums and Containers for Storing Waste

NCE did not identify onsite drums or containers for storing waste on the property.

6.11 Floor Drains and Sumps

NCE did not identify any floor drains or sumps that were stained, emitting foul odors, or connected to an onsite sewage disposal system.

6.12 Odors

NCE did not identify strong, pungent, or noxious odors.

6.13 Air Emissions

With the exception of the portable diesel powered pump discussed previously, NCE did not identify processes or equipment that emits noticeable vapors or fumes.

6.14 Polychlorinated Biphenyls (PCBs)

With the exception of the two transformers, NCE did not identify processes or equipment that contain polychlorinated biphenyls. A transformer was observed adjacent to the Teichert conveyor belt near the northwestern boundary of Parcel 4 (Plate 7). According to Mr. Bill Cruickshank (Teichert Aggregates) the transformer is new and as such is unlikely to have leaked. Another transformer was observed on a telephone pole near the southwest boundary of Parcel 3 (Plate 7). At the time of the site visit no evidence of leakage was observed in association with this transformer.

6.15 Asbestos-Containing Material (ACM)

Buried rubble located in the vicinity of the former ranch headquarters may be composed of the remains of the former ranch headquarters. The contents of the buried rubble may include asbestos containing materials.

6.16 Lead-in-Drinking Water

The Site does not have any buildings, and there is no permanent sources for drinking water onsite.

6.17 Radon

Based on statistical information maintained within the US Environmental Protection Agency, dated 2007, radon concentrations in Yolo County have a moderate rating with an average of 2 to 4 picocuries per liter (pCi/L), which is below the 4.0 pCi/L action level established by the USEPA. As of 2006, testing performed by the Department of Health Services has not found any results over the USEPA action level. Based solely on this data, it is unlikely that radon represents an environmental concern.

6.18 Lead-Based Paint (LBP)

There are no existing structures onsite. However, lead-based paint may be included in the contents of the buried rubble near the former ranch headquarters described previously.

7.0 INTERVIEWS

7.1 Present Owners

NCE reviewed a Pre-survey Questionnaire with Mr. Les Shifler. The purpose of the questionnaire was to satisfy the user interview All Appropriate Inquiry requirements and to disclose any previous or existing hazardous waste or toxic material conditions which may not have been apparent at the time of our Site reconnaissance. The completed questionnaire is attached hereto as Appendix B. The questionnaire did not identify any REC's in connection with the Site.

7.2 User

7.2.1 Title Records

A copy of the Site's Chain-of-Title has not been provided to NCE for review.

7.2.2 Environmental Clean Up Liens and Activity and Use Limitations (AULs)

YCDEH had no knowledge of any environmental liens against the Site that have been filed or recorded under federal, tribal, state or local law. Moreover, YCDEH was not aware of any AULs, such as engineering controls, land use restrictions, or institutional controls that are in-place at the Site or have been filed or recorded under federal, tribal, state or local law.

7.2.3 Specialized Knowledge

YCDEH was unable to provide knowledge of recognized or potential REC's in connection with the Site.

7.2.4 Relationship of Purchase Price to Fair Market Value Due to Contamination in Connection with the Site

YCDEH was unable to provide information of any environmental conditions in connection with the Site that have resulted in the diminution of its purchase price in relation to its Fair Market Value. The property owner claims that the lease price reflects fair market value.

7.2.5 Common Knowledge or Reasonably Ascertainable Information

YCDEH was unable to provide common knowledge of recognized or potential REC's in connection with the Site.

7.2.6 Purpose for Conducting the Phase I Environmental Site Assessment

The purpose of conducting this Phase I Environmental Site Assessment was to baseline site conditions for a potential lease.

7.2.7 Proceedings Involving the Property

The owner had no knowledge of pending, threatened, or past litigation, administrative proceedings,

or notices from governmental agencies regarding violations of environmental laws regarding hazardous substances or petroleum products.

7.3 Key Site Manager

7.3.1 Historic Site Use

NCE was unable to interview the previous user of the property. However the previous owner is the current owners' mother, therefore the current owner was able to provide all necessary information regarding historic Site use.

7.3.2 Proceedings Involving the Property

The Key Site Manager had no knowledge of pending, threatened, or past litigation, administrative proceedings, or notices from governmental agencies regarding violations of environmental laws regarding hazardous substances or petroleum products.

7.4 Occupants

As there are no buildings on the Site, there are no occupants.

7.5 Past Owners

The Site has been owned by the family of the current owners' mother for the past 100 years.

8.0 PHASE I ESA FINDINGS AND CONCLUSIONS

NCE conducted a Phase I ESA for Teichert on approximately 443 acres of land west of Woodland California in Yolo County, California. The Site is located east of Road 94B and north of Road 22 (Plates 1, 2 and 3). This ESA included a site visit and reconnaissance of the surrounding area, a review of aerial photographs, interviews with knowledgeable persons regarding the Site history, and a review of government environmental agency listings. It is our understanding that the purpose of the ESA is to facilitate a potential lease of the property by Teichert. The Site is located in rural area where land use is predominantly agricultural with some residential and light industrial development including aggregate mining. The Site has historically and is currently used for row crop farming including the cultivation of tomatoes, sunflowers and winter wheat. Irrigation for the crops appears to be provided by water from the Moore Canal that bisects the Site from west to east. According to Mr. Shifler, (the current owner), the property was known as the Stevens Ranch and has been owned by the family of Mr. Shifler's mother for the past 100 years. Based on information provided by Mr. Les Shifler, and review of historic aerial photographs, there was a former ranch headquarters located near the north-central portion of the Site (Plate 3). Mr. Shifler said that the ranch headquarters was intentionally burned down as part of fire department training exercise in the late 1970's or early 1980's. Mr. Shifler was not able to provide much detail with regard to the former ranch headquarters and did not know if the headquarters included a well, AST's or UST's. NCE attempted to contact the Woodland Fire Department to inquire about the training exercise indicated above, at the time of this report no additional information were available.

Our site visit to the ranch headquarters area revealed a relatively flat area that included remnants of the building pads and foundations for structures. The area at the time of our Phase I site visit was overgrown with vegetation. Refuse piles were observed at the ranch headquarters area and in the area to the north and northeast of the building pad (Plates 5 and 6). Based on the observable contents it appears that at least some of the remains of the former ranch headquarters may have been left. In addition the area to the north-northeast abuts the previously mined portions of the gravel pit and may have received "spoils" from the previous mining activities. Based on the above it appears that potential environmental concerns associated with this investigation are related to the former ranch headquarters. The following is a list of those concerns:

- The potential for USTs.
- The potential for a former water supply well.
- The existence and location of a former septic system is not known.
- The potential storage and disposition of agricultural chemicals at the former ranch headquarters.
- The disposition and potential onsite disposal of waste oil and solvents commonly associated equipment maintenance.
- The contents (including potential asbestos, petroleum hydrocarbons, solvents, agricultural chemicals etc.) of the refuse piles to the north and northeast of the former ranch headquarters.

To further evaluate the above potential concerns, NCE recommended (in an email sent to Mr. Ron Stickel) conducting a limited Phase II investigation that included a geophysical investigation and the excavation of backhoe test pits. On July 26, 2007 NCE received verbal approval from Mr. Stickel to implement the recommendations.

9.0 LIMITED PHASEII INVESTIGATION

The investigation consisted of a geophysical investigation to locate buried objects such as USTs, wells and septic tanks, or any other anomalous objects that may be of potential concern, in the vicinity of the former ranch headquarters (study area). The geophysical investigation was followed by a backhoe investigation where a series of backhoe test pits were excavated at the location of anomalies identified by the geophysical investigation and at several locations within the refuse piles to a maximum depth of the refuse encountered. During excavation activities NCE looked for signs of environmental impacts such as soil staining and odors or any obvious signs of improper disposal such as containers of agricultural chemicals or visible sign of spilled chemicals. Evidence of potential asbestos containing materials as well as signs of extensive building materials were also noted.

9.1 Geophysical Investigation

The geophysical investigation was conducted on August 6, 2007, and consisted of a magnetic investigation utilizing a Geometrics 856 magnetometer to map a magnetic gradient across the study area. Perturbations in the magnetic gradient (anomalies) are formed by buried metal objects that that produce magnetic anomalies with characteristic shapes and magnitudes. Magnetic data was collected on a grid with data points recorded on ten foot centers along lines spaced 10 feet apart. The results of the geophysical investigation are included in the JR Associates report dated August 6, 2007 (Appendix E).

Prior to conducting the geophysical investigation Teichert removed existing vegetation in the study area to provide open accessible areas to perform the investigation. Revealed on the ground surface after the burning activities were complete were portions of a foundation, a concrete pad that included a well head, some asphalt paving, an area with several bricks and various refuse including refrigerators, brick, glass, tree stumps and cement chunks.

At the end of the day the magnetic data were downloaded and contoured. A magnetic data point is shown by a plus sign (Appendix E, Drawing 3) and an anomaly is indicated by one or more concentric contours. There were several magnetic anomalies at the study area, some of which were caused by surface metal. There were five anomalies (A1 through A5) indicative of buried metal (Appendix E, Drawing 3). Anomalies A1 through A5 were marked in the field with labeled stakes. An attempt was made to locate potential septic tanks often associated with old farm buildings utilizing radar scans. However, the clay content of the soil at the study area was too high for the radar to penetrate and the radar scans were inconclusive.

9.2 Backhoe Investigation

NCE conducted a backhoe investigation at the study area on August 9, 2007. NCE retained NorCal Construction of Woodland, California to excavate backhoe test pits at locations designated by NCE. NCE personnel were present to observe and record conditions within the test pits. A total of 17 test pits were excavated including 6 test pits at each of the five anomalies (two test pits at anomaly A1) identified during the geophysical investigation. Test pits were also excavated at 11 locations within the refuse piles (Plate 9). Test pits were excavated to a maximum depth at which refuse was encountered. Soils encountered during test pit excavation activities consisted of yellow

brown to gray brown sandy silt. Field drawings of test pit cross sections are provided in Appendix E. The contents of each test pit are indicated in the table below:

SUMMARY OF TEST PIT OBSERVATIONS

Test Pits	Test pit contents
TP-1 (Anomaly A5)	Glass bottles, cans and various rubbish. Appeared to be the location of a former burn pit.
TP-2 (Anomaly A2)	Rusted metal tank. Very deteriorated - approximately 60 percent intact. Also some orangeburg piping (about 10-inches in diameter), redwood timber and fence posts. The orangeburg piping appeared to extend from the tank in an easterly direction for several feet before turning south and ending.
TP-3 (Anomaly A1)	Old tires, bricks, rebar, and large chunks of cement.
TP-3A (Anomaly A1)	No debris, only soil.
TP-4 (Anomaly A3)	One-inch diameter piping that appeared to extend to TP-2 where it may have been connected to the metal tank found there. No other debris found.
TP-5 (Anomaly A4)	A 10-inch diameter steel casing was found at a depth of approximately 2.5 feet bgs. The casing depth was estimated to be approximately 15 feet.
TP-6	No debris, only soil.
TP-7	No debris, only soil. Refuse consisting of refrigerators, brick, glass and cement chunks were observed on the ground surface next to the excavated test pit.
TP-8	Bricks, cinder blocks, glass and carpet.
TP-9	A small section of 3-inch diameter pipe.
TP-10	No debris, only soil.
TP-11	No debris, only soil.
TP-12	No debris, only soil.
TP-13	No debris, only soil.
TP-14	No debris, only soil.
TP-15	No debris, only soil.
TP-16	No debris, only soil.
TP-17	No debris, only soil.

10.0 DISCUSSION AND CONCLUSION

NCE conducted a Phase I ESA for Teichert Aggregates (Teichert) on approximately 443 acres of land located approximately 3.5 miles west of Woodland, California in Yolo County, California. The Site is located east of Road 94B and north of Road 22 (Plates 1 through 4). This ESA included a site visit and reconnaissance of the surrounding area, a review of aerial photographs, interviews with knowledgeable persons regarding the Site history, and a review of government environmental agency listings.

It is our understanding that purpose of the ESA is to facilitate a potential lease of the property by Teichert. The Site is located in rural area where land use is predominantly agricultural with some residential and light industrial development including aggregate mining. The Site has historically, and is currently, used for row crop farming including the cultivation of tomatoes, sunflowers and winter wheat. Irrigation for the crops appears to be provided by water from the Moore Canal that bisects the Site from west to east. According to Mr. Les Shifler, (the current owner), the property was known as the Stevens Ranch and has been owned by the family of Mr. Shifler's mother for the past 100 years. Based on information provided by Mr. Shifler, and review of historic aerial photographs, there was a former ranch headquarters located near the north-central portion of the Site (Plate 3). Mr. Shifler said that the ranch headquarters was intentionally burned down as part of fire department training exercise in the late 1970's or early 1980's. Mr. Shifler was not able to provide much detail with regard to the former ranch headquarters and did not know if the headquarters included a well, above ground storage tanks (AST's) or underground storage tanks (UST's). NCE attempted to contact the Woodland Fire Department to inquire about the training exercise described above, at the time of this report no additional information were available.

Our site visit to the ranch headquarters area revealed a relatively flat area that included remnants of the building pads and foundations for structures associated with former headquarters. The area was overgrown with vegetation. Refuse piles were observed at the ranch headquarters area and in the area to the north and northeast of the building pad (Plates 5 and 6). Based on the observable contents it appears that at least some of the remains of the former ranch headquarters may have been left. In addition, the area to the north-northeast abuts the previously mined portions of the gravel pit and may have received "spoils" from the previous mining activities. Based on the above it appears that potential environmental concerns associated with this investigation are related to the former ranch headquarters. The following is a list of those concerns:

- The potential for USTs.
- The potential for a former water supply well.
- The existence and location of a former septic system is not known.
- The potential storage and disposition of agricultural chemicals at the former ranch headquarters.
- The disposition and potential onsite disposal of waste oil and solvents commonly associated equipment maintenance.
- The contents (including potential asbestos, petroleum hydrocarbons, solvents, agricultural chemicals, etc.) of the refuse piles to the north and northeast of the former ranch headquarters.

To further evaluate the above potential concerns, NCE recommended (in an email sent to Mr. Ron Stickel) conducting a limited Phase II investigation that included a geophysical survey and the excavation of backhoe test pits. On July 26, 2007, NCE received verbal approval from Mr. Stickel

to implement the recommendations. The Phase II investigation activities were conducted between August 6, 2007 and August 9, 2007 and consisted of a geophysical investigation to locate buried objects such as USTs, wells and septic tanks, or any other anomalous objects that may be of potential concern in the vicinity of the former ranch headquarters (study area). The geophysical investigation was followed by a backhoe investigation where a series of backhoe test pits were excavated at the location of the anomalies identified by the geophysical investigation and at several locations around the refuse piles.

Prior to conducting the geophysical investigation, the ground surface was cleared of vegetation to facilitate performing the investigation. Clearing of the vegetation revealed additional portions of a foundation, some asphalt paving and a concrete pad that included a domestic well. The geophysical investigation revealed five anomalies (A1 through A5) indicative of buried metal. Anomalies A1 through A5 were marked in the field with labeled stakes. An attempt was made to locate potential septic tanks often associated with old farm buildings utilizing radar scans. However, the clay content of the soil at the study area was too high for the radar to penetrate and the radar scans were inconclusive. A total of 17 test pits were excavated including test pits at each of the 5 anomalies (A1 through A5) identified during the geophysical investigation. Test pits were also excavated at 8 locations within the refuse piles. Within some of the test pits NCE observed buried debris, burned debris, steel, wood, glass and plastic. NCE did not observe signs of soil staining and odors, obvious signs of containers of agricultural chemicals, or visible sign of spilled chemicals in any of the test pits. A deteriorated metal tank of undetermined use was found in test pit TP-2. No soil staining or odors were visible in the soils around the tank.

Based on the Phase II it appeared as though disposal of waste materials has occurred on the Site. Wastes include surface materials as well as buried debris and waste encountered within several of the test pits excavated around the anomalies. Some of the debris appeared to have been burned prior to burial. While the owner did not provide conclusive detail on the presence or absence of current or historical USTs or ASTs at the Site, or detail regarding the historical use and potential storage of chemicals of any kind at the Site, the results of this investigation suggests a reduced potential for significant concerns associated with AST's, UST's, or the presence of chemicals.

A domestic well was identified but the assumed septic system was not. The well is considered an abandoned well in accordance with State of California Well standards and according to State Well Standards, is required to be destroyed. The status of the septic system is not known. In addition, a steel pipe was also found that was buried approximately four feet below the ground surface (Plate 8). This pipe extended to a depth of approximately 20 feet. The purpose and or use of this pipe is not know.

The Phase I also identified that two abandoned gas wells are located on the parcels including a well located near the southwestern boundary of Parcel 2 (abandoned in 1994) and a well located near the south central portion of Parcel 3 (abandoned in 1985). California Division of Oil and Gas (DOG) was contacted regarding the potential concerns associated with mining in and around the abandoned gas wells. They indicated that they did not have any guidance on this issue but that the concern would be if a well was not abandoned properly, and that was discovered during the mining activities, re-plugging of the wells/boreholes may be necessary to protect underlying groundwater. Based on the logs it also appears that the abandoned well were cut off within five feet of the ground surface suggesting that mining activities will likely encounter the abandoned steel casings.

The purpose of this Phase I was to assess if there are impacts associated with historical activities

on the property. Based on the findings of this ESA, it appears that property has had improper disposal of materials in and around the farm headquarters area from occasionally disposal of waste and debris in the areas north of the former farm headquarters. Evaluating the extent of these impacts both chemically and spatially was beyond the scope of the ESA. However, a detailed characterization does not appear necessary to support the conclusion about existing impacts.

Based on the above findings NCE recommends that Teichert limit their activities at the Site to areas away from the former ranch headquarters.

11.0 LIMITATIONS

Information presented in this report does not confirm the presence or absence of subsurface contamination at the property, but indicates whether the possibility of such contamination exists. Our professional opinions expressed herein are based on limited data; no other warranty is given or implied by this report. A more extensive assessment, that would include a surface and/or subsurface investigation and chemical analyses of soil and/or groundwater samples, would provide more definitive information concerning site-specific conditions. This report is complete and accurate to the extent that cited reports and agency information are complete and accurate.

This report has been prepared in compliance with the ASTM standard entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" E1527-05 as well as the Environmental Protection Agency's (EPA) All Appropriate Inquiries (AAI) rule.

The observations described in this report were made under the conditions stated herein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services within the constraints imposed by the client. The work described in this report was carried out in accordance with the Terms and Conditions of the contract.

In preparing this report, NCE has relied on certain information provided by federal, state, and local officials and other parties referenced therein, and on information contained in the files of governmental agencies, that were readily available to NCE at the time of this assessment. Although there may have been some degree of overlap in the information provided by these various sources, NCE did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment. Observations were made of the site and of the structures on the site as indicated in this report. Where access to portions of the site or to structures on the site was unavailable or limited, NCE renders no opinion as to the presence of direct or indirect evidence relating to petroleum substances, hazardous substances, or both, in that portion of the site and structure. In addition, NCE renders no opinion as to the presence of indirect evidence relating to hazardous material or oil, where direct observation of the ground surface, interior walls, floors, ceiling or a structure is obstructed by objects or materials, including snow, covering on or over these surfaces.

NCE does not represent that the site referred to herein contains no petroleum or hazardous or toxic substances or other conditions beyond those observed by NCE during the site walkthrough.

NCE has produced this document under an agreement between NCE and Teichert. All terms and conditions of that agreement are included within this document by reference. Any reliance upon this document, or upon NCE's performance of services in preparing this document, is conditioned upon the relying party's acceptance and acknowledgement of the limitations, qualifications, terms, conditions and indemnities set forth in that agreement, and property ownership/management disclosure limitations, if any. It is not to be relied upon by any party other than Teichert nor used for any purpose other than that specifically stated in our Agreement or within this Report's Introduction section without NCE's advance and express written consent.

Environmental Professional Declaration:

We declare that, the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of the Standards and Practices for All

Appropriate Inquiries; Final Rule (EPA, 2005).

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site property. We have developed and performed the all appropriate inquiries in conformance with the standard and practices set forth in 40 CFR Part 312.

12.0 REFERENCES

American Society of Testing and Materials (ASTM), 2005. Standard Practice for Environmental Site Assessments (ASTME-1527-05).

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Yolo County Flood Control & Water Conservation District, Annual Engineers Report – 2004. *Groundwater Contours – Spring 2004.*

PLATES



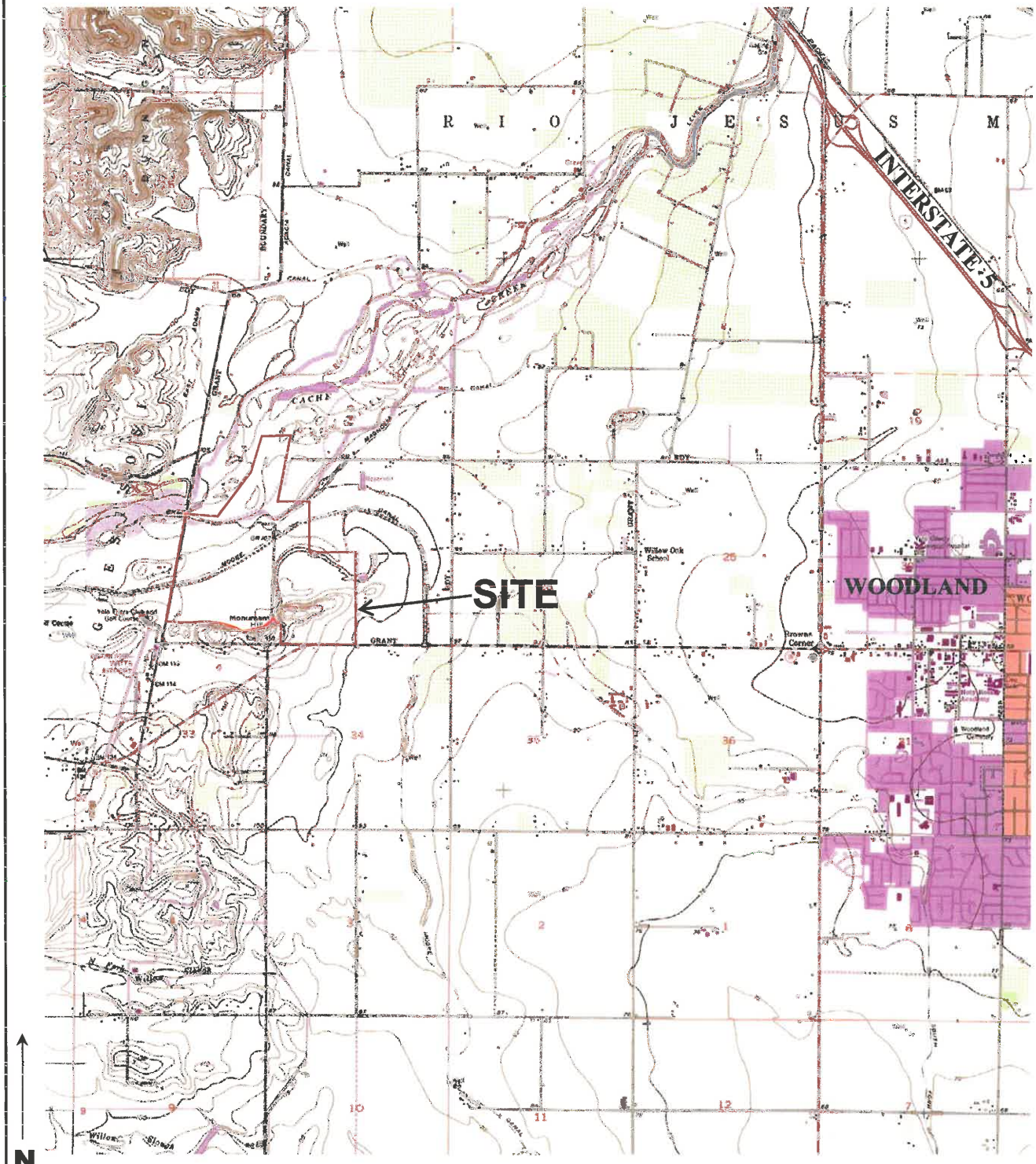
39908351001.ppt

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(916) 388-5655

Site Location Map
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE **1**

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YVG	A399.08.35.1		6/07	



Reference: Woodland, California,
USGS 7.5 Series Quadrangle, 1981

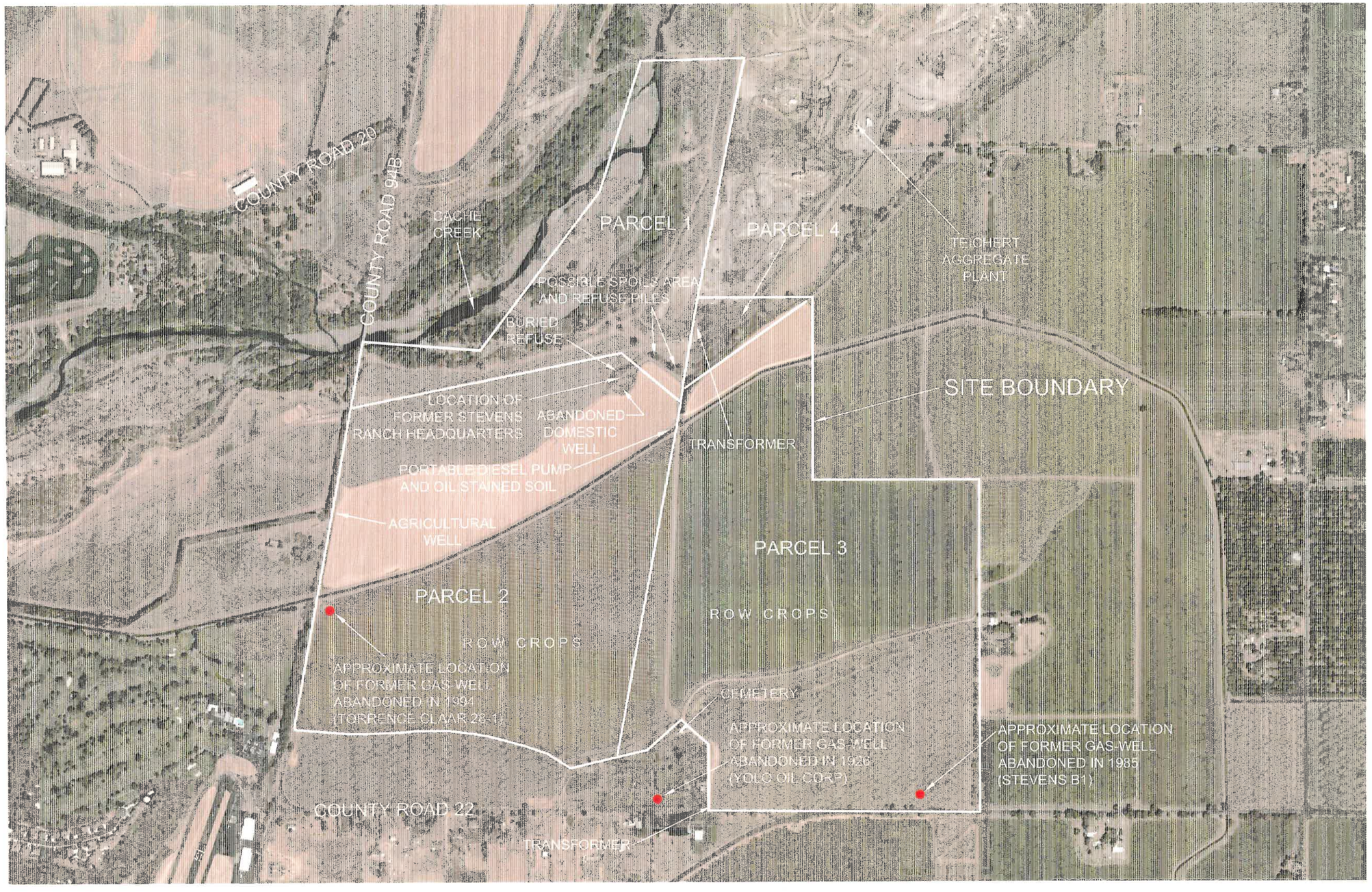
39908351002.ppt

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Site Vicinity Map
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE **2**

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YVG	A399.08.35.1		6/07	



SCALE IN FEET
0 400 800

Reference:
Aerial Photograph, 2006 – Google Earth Pro

LEGEND
PARCEL 1 = APN 025–430–01
PARCEL 2 = APN 025–430–02
PARCEL 3 = APN 025–120–32
PARCEL 4 = APN 025–120–33

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Site Plan
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025–430–01, 025–430–02, 025–120–32 and 025–120–33
Yolo County, California

PLATE 3

DRAWN	FILE NAME	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
JH	39908351004.dwg	A399.08.35.1		6/07	



View of Teichert aggregate plant to the east of Parcel 1.



View of Parcel 2 from east central portion of parcel facing southwest.



View of Parcel 2 from County Road 94B facing southeast.



View of Parcel 3 facing northwest.

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Site Photographs
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE 4

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	A399.08.35.1		6/07	

39908351006.ppt



View of aggregate conveyor belt from southeast boundary of Parcel 1 facing east towards Parcel 4.



View of agricultural well on western boundary of Parcel 2.



View of location of former Stevens Ranch Headquarters facing southwest.



View of refuse pile located on the northwest side of the former farm headquarters.

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Site Photographs
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE **5**

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	A399.08.35.1		6/07	

39908351006.ppt



Refuse pile located north east of former farm headquarters.



View of Moore Canal from County Road 94B facing east.



View of AST on cemetery property near southern site boundary.



View of water well on cemetery property.

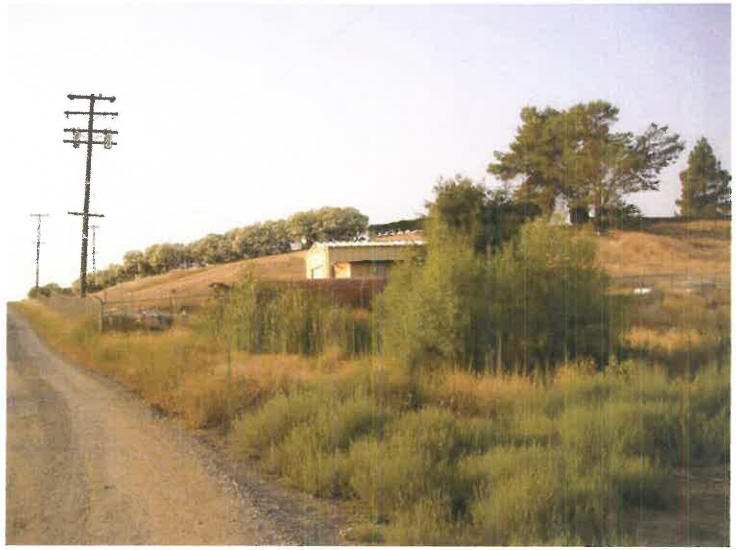
Nichols Consulting Engineers, Chtd.
8795 Folsom Blvd., Suite #103
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Site Photographs
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE **6**

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	A399.08.35.1		6/07	

39908351006.ppt



View of marsh vegetation adjacent to water well on cemetery property.



View of transformer near conveyor belt on southeast boundary of Parcel 1.



View of transformer near southwest boundary of Parcel 3.



View of portable irrigation pump and oil stained soil.

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Site Photographs
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE **7**

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	A399.08.35.1		6/07	

39908351006.ppt



View of buried pipe at Anomaly A4.



View of steel tank removed from Test Pit 2 at Anomaly A2



View of Test Pit where steel tank was removed at Anomaly A2



View of material, excavated from TP-1 at anomaly A5

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Site Photographs
Phase I and Limited Phase II Environmental Site Assessment (ESA))
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE **8**

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	A399.08.35.1		6/07	

39908351006.ppt



SCALE: 1 INCH = 100 FEET

0 50 100

Reference:
Aerial Photograph, 2006 – Google Earth Pro

LEGEND

TP-8 TEST PIT LOCATION

(A5) LOCATION OF GEOPHYSICAL ANOMALY

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(916) 388 5655

Area of Limited Phase II Investigation
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE 9

DRAWN	FILE NAME	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	39908351015.dwg	A399.08.35.1		9/07	

APPENDIX A

EDR RADIUS MAP REPORT, CITY DIRECTORY ABSTRACT, AND ENVIRONMENTAL LIEN SEARCH

The EDR Radius Map
with GeoCheck®

Shifler Property
Yolo County
WOODLAND, CA 95695

Inquiry Number: 1940441.2s

May 30, 2007

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-PRM-VLA

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Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
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Physical Setting Source Records Searched	A-20

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

YOLO COUNTY
WOODLAND, CA 95695

COORDINATES

Latitude (North):	38.687200 - 38 41' 13.9"
Longitude (West):	121.857500 - 121 51' 27.0"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	599369.2
UTM Y (Meters):	4282478.0
Elevation:	107 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	38121-F7 WOODLAND, CA
Most Recent Revision:	1981
West Map:	38121-F8 MADISON, CA
Most Recent Revision:	1981

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL National Priority List
Proposed NPL Proposed National Priority List Sites
Delisted NPL National Priority List Deletions
NPL LIENS Federal Superfund Liens
CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP CERCLIS No Further Remedial Action Planned
CORRACTS Corrective Action Report

EXECUTIVE SUMMARY

RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
RCRA-SQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
LIENS 2	CERCLA Lien Information
RADINFO	Radiation Information Database
US CDL	Clandestine Drug Labs
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information System
DOT OPS	Incident and Accident Data
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
Cortese	"Cortese" Hazardous Waste & Substances Sites List
SWRCY	Recycler Database
LUST	Geotracker's Leaking Underground Fuel Tank Report
CA FID UST	Facility Inventory Database
SLIC	Statewide SLIC Cases
UST	Active UST Facilities
HIST UST	Hazardous Substance Storage Container Database
SWEEPS UST	SWEEPS UST Listing
CHMIRS	California Hazardous Material Incident Report System
Notify 65	Proposition 65 Records
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
CLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List

EXECUTIVE SUMMARY

CDL..... Clandestine Drug Labs
RESPONSE..... State Response Sites
EMI..... Emissions Inventory Data
ENVIROSTOR..... EnviroStor Database

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto StationsEDR Proprietary Historic Gas Stations
EDR Historical Cleaners.... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STATE AND LOCAL RECORDS

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 05/01/2007 has revealed that there are 2 AST sites within approximately 0.75 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WOODLAND AVIATION	17992 COUNTY RD. 94B	1/2 - 1 WSW	3	7
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
WOODLAND PLANT	35030 COUNTY ROAD 20	1/4 - 1/2 NE	A2	7

EXECUTIVE SUMMARY

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 HAZNET site within approximately 0.5 miles of the target property.

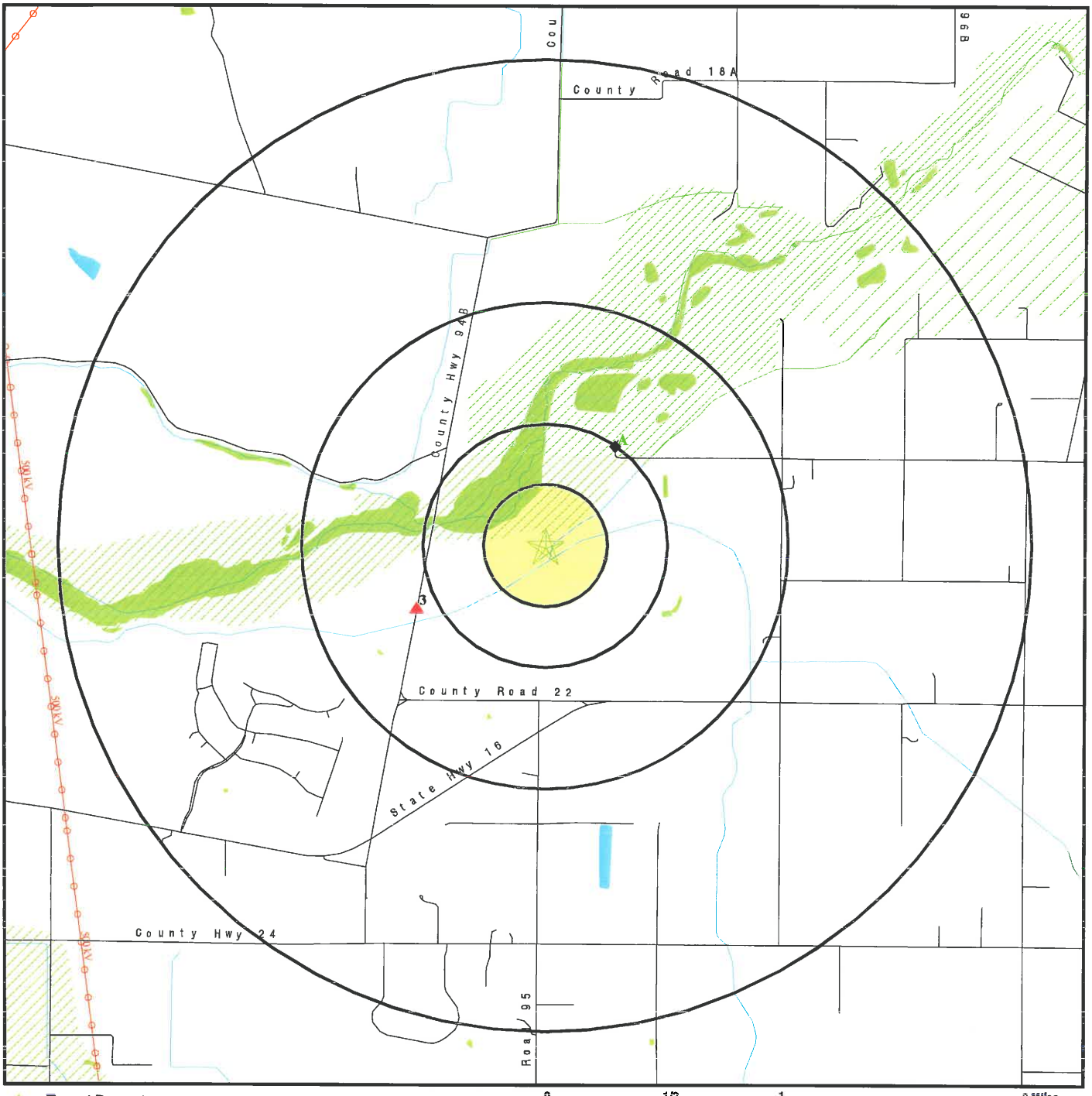
Lower Elevation	Address	Dist / Dir	Map ID	Page
TEICHERT AGGREGATES	35030 COUNTY ROAD 20	1/4 - 1/2 NE	A1	6

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
GEORGE AOKI	LUST, Cortese
YOLO CO FLOOD CONTROL	LUST, Cortese, UST
TAUZER FACILITY	UST
PACIFIC INTERNATIONAL	UST
AGRIFORM FARM SUPPLY INC	UST
GEORGE AOKI FARMS INC	UST
C L SMITH TRUCKING	UST
MONUMENT HILL MEMORIAL PARK	UST
CACHE CREEK REGIONAL PARK	UST
ROBERT GILLETTE	HIST UST
WILLOW OAK GROCERY	HIST UST
RICHARD E. LEONARD	HIST UST
GRANITE CONSTRUCTION COMPANY	HIST UST
ADAMS GRAIN DRYER	AST
RICE HULL STORAGE SITE	WMUDS/SWAT
TANAKA FARMS INC	HAZNET
CAL OIL CORP/SEEDTEC DIVISION	HAZNET
MCKEE FOOD CORPORATION	HAZNET
PETOSEED CO INC	HAZNET
COMPOSSITE MATERIALS INC	HAZNET
CHEVRON CHEM CO	RCRA-SQG, FINDS
AGRIFORM FARM SUPPLY CO.	SLIC
AGRIFORM SUPPLY COMPANY	SLIC
INTERSECT. STATE ROUTE 16 & CO	DOT OPS
SPRECKLES SUGAR CO., INC.	EMI
ADAMS GRAIN COMPANY	EMI
ADAMS GRAIN CO.	EMI
TEICHERT AGGREGATES	EMI
CAL/WEST SEEDS	EMI

OVERVIEW MAP - 1940441.2s



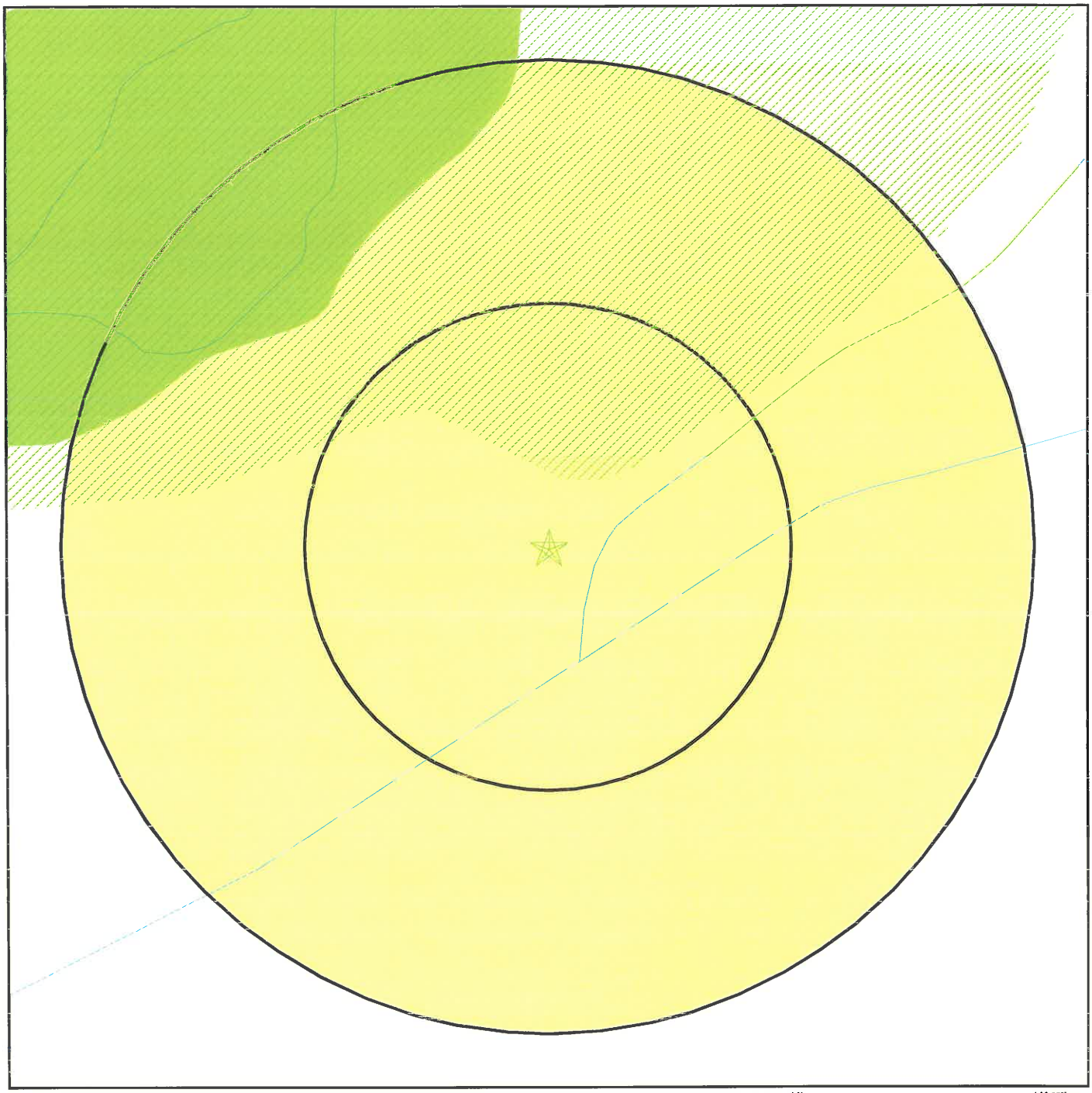
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Shifler Property	CLIENT: Nichols Consulting Eng.,Chtd.
ADDRESS: Yolo County WOODLAND CA 95695	CONTACT: Frank Drewes
LAT/LONG: 38.6872 / 121.8575	INQUIRY #: 1940441.2s DATE: May 30, 2007 12:56 pm

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DETAIL MAP - 1940441.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Shifler Property	CLIENT: Nichols Consulting Eng.,Chtd.
ADDRESS: Yolo County	CONTACT: Frank Drewes
WOODLAND CA 95695	INQUIRY #: 1940441.2s
LAT/LONG: 38.6872 / 121.8575	DATE: May 30, 2007 12:56 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
NPL LIENS		0.500	0	0	0	NR	NR	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		1.000	0	0	0	0	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA TSD		1.000	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
RCRA Sm. Quan. Gen.		0.750	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
DOD		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
US BROWNFIELDS		1.000	0	0	0	0	NR	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
ODI		1.000	0	0	0	0	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
LIENS 2		0.500	0	0	0	NR	NR	0
RADINFO		0.500	0	0	0	NR	NR	0
CDL		0.500	0	0	0	NR	NR	0
HIST FTTS		0.500	0	0	0	NR	NR	0
ICIS		0.500	0	0	0	NR	NR	0
LUCIS		1.000	0	0	0	0	NR	0
DOT OPS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
FINDS		0.500	0	0	0	NR	NR	0
RAATS		0.500	0	0	0	NR	NR	0
STATE AND LOCAL RECORDS								
Hist Cal-Sites		1.500	0	0	0	0	0	0
CA Bond Exp. Plan		1.500	0	0	0	0	0	0
SCH		0.750	0	0	0	0	NR	0
Toxic Pits		1.500	0	0	0	0	0	0
State Landfill		1.000	0	0	0	0	NR	0
CA WDS		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		1.000	0	0	0	0	NR	0
Cortese		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SWRCY		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	0	0	NR	0
CA FID UST		0.750	0	0	0	0	NR	0
SLIC		1.000	0	0	0	0	NR	0
UST		0.750	0	0	0	0	NR	0
HIST UST		0.750	0	0	0	0	NR	0
AST		0.750	0	0	1	1	NR	2
SWEEPS UST		0.750	0	0	0	0	NR	0
CHMIRS		0.500	0	0	0	NR	NR	0
Notify 65		1.500	0	0	0	0	0	0
DEED		1.000	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
WIP		0.750	0	0	0	0	NR	0
CDL		0.500	0	0	0	NR	NR	0
RESPONSE		1.500	0	0	0	0	0	0
HAZNET		0.500	0	0	1	NR	NR	1
EMI		0.500	0	0	0	NR	NR	0
ENVIROSTOR		1.500	0	0	0	0	0	0
TRIBAL RECORDS								
INDIAN RESERV		1.500	0	0	0	0	0	0
INDIAN LUST		1.000	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.500	0	0	0	0	0	0
EDR Historical Auto Stations		0.750	0	0	0	0	NR	0
EDR Historical Cleaners		0.750	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
NE
1/4-1/2
2617 ft.

Relative:
Lower

Actual:
95 ft.

TEICHERT AGGREGATES
35030 COUNTY ROAD 20
WOODLAND, CA 95695

HAZNET **S104578910**
N/A

Site 1 of 2 in cluster A

HAZNET:

Gepaid:	CAL000138808
Contact:	TEICHERT AGGREGATES
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 15002
Mailing City,St,Zip:	SACRAMENTO, CA 958511002
Gen County:	Yolo
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.7297
Facility County:	Yolo

Gepaid:	CAL000138808
Contact:	TEICHERT AGGREGATES
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 15002
Mailing City,St,Zip:	SACRAMENTO, CA 958511002
Gen County:	Yolo
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	.1876
Facility County:	Yolo

Gepaid:	CAL000138808
Contact:	NANCY MOORHOUSE
Telephone:	9164843011
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 15002
Mailing City,St,Zip:	SACRAMENTO, CA 958511002
Gen County:	Yolo
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	0.5
Facility County:	Not reported

Gepaid:	CAL000138808
Contact:	TEICHERT AGGREGATES
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 15002
Mailing City,St,Zip:	SACRAMENTO, CA 958511002

TEICHERT AGGREGATES (Continued) **S104578910**

Gen County: Yolo
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.45
Facility County: Yolo

Gepaid: CAL000138808
Contact: NANCY MOORHOUSE
Telephone: 9164843011
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 15002
Mailing City,St,Zip: SACRAMENTO, CA 958511002
Gen County: Yolo
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.59
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

A2
NE
1/4-1/2
2617 ft.

WOODLAND PLANT **AST** **A100110475**
35030 COUNTY ROAD 20 **N/A**
WOODLAND, CA 95695

Site 2 of 2 in cluster A

Relative:
Lower

AST:
Owner: A.TEICHERT & SON, INC.
Total Gallons: 14777

Actual:
95 ft.

3
WSW
1/2-1
3079 ft.

WOODLAND AVIATION **AST** **A100160886**
17992 COUNTY RD. 94B **N/A**
WOODLAND, CA 95695

Relative:
Higher

AST:
Owner: WOODLAND AVIATION, INC
Total Gallons: 24228

Actual:
114 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
WOODLAND	S106486375	AGRIFORM FARM SUPPLY CO.	HIGHWAY 113 / COUNTY ROAD 18	95695	SLIC
WOODLAND	S106839955	SPRECKLES SUGAR CO., INC.	HWY 113 / CR 18C	95695	EMI
WOODLAND	U004004366	TAUZER FACILITY	HWY 113 S OF RD 27	95695	UST
WOODLAND	S103442169	RICE HULL STORAGE SITE	HWY 113		WMUDS/SWAT
WOODLAND	S106230588	AGRIFORM SUPPLY COMPANY	HIGHWAY 113 / ROAD 18C		SLIC
WOODLAND	U003790390	PACIFIC INTERNATIONAL	HIGHWAY 113, 17465		UST
WOODLAND	U004003408	AGRIFORM FARM SUPPLY INC	HWY 113N-18-C	95695	UST
WOODLAND	A100175892	ADAMS GRAIN DRYER	HIGHWAY 16	95695	AST
WOODLAND	S105027483	GEORGE AOKI	37899 HWY 16	95695	LUST, Cortese
WOODLAND	S106825361	ADAMS GRAIN COMPANY	HWY 16 / CR 102	95695	EMI
WOODLAND	U001614513	ROBERT GILLETTE	HIGHWAY 16	95695	HIST UST
WOODLAND	U003850848	GEORGE AOKI FARMS INC	37899 HWY 16	95695	UST
WOODLAND	U003851016	YOLO CO FLOOD CONTROL	34274 HWY 16	95695	LUST, Cortese, UST
WOODLAND	U004003490	C L SMITH TRUCKING	37719 HWY 16	95695	UST
WOODLAND	S106247947	ADAMS GRAIN CO.	HIGHWAY 16 / CR 102		EMI
WOODLAND	U003981384	MONUMENT HILL MEMORIAL PARK	RD 22/HWY 16	95695	UST
WOODLAND	S105939912	TEICHERT AGGREGATES	CR 29/HWY 113		EMI
WOODLAND	U001614549	WILLOW OAK GROCERY	97TH AVE. / HWY. 16	95695	HIST UST
WOODLAND	S103990311	TANAKA FARMS INC	COUNTRY 17 / STATE HWY 113	95695	HAZNET
WOODLAND	S106827729	CAL/WEST SEEDS	COUNTY ROAD 22 / COUNTY RD 1		EMI
WOODLAND	S103953946	CAL OIL CORP/SEEDTEC DIVISION	585 N E ST (I5 @ HWY 113)	95695	HAZNET
WOODLAND	S105083375	MCKEE FOOD CORPORATION	SB I-5 / WEST ST (ON ON RAMP		HAZNET
WOODLAND	1009648750		INTERSECT. STATE ROUTE 16 & CO	95695	DOT OPS
WOODLAND	1000434406	CHEVRON CHEM CO	KNIGHTS LANDING HWY	95695	RCRA-SQG, FINDS
WOODLAND	S100870594	PETOSEED CO INC	1/2 MILE WEST CORD 98 OW HWY	95695	HAZNET
WOODLAND	U001614508	RICHARD E. LEONARD	STATE HWY 113	95695	HIST UST
WOODLAND	U003895057	CACHE CREEK REGIONAL PARK	1475 STATE HIGHWAY 16	95695	UST
WOODLAND	U001614445	GRANITE CONSTRUCTION COMPANY	YOLO COUNTY ROAD 95 B	95695	HIST UST
WOODLAND	S103680264	COMPOSSITE MATERIALS INC	YOLO LANDFILL RD 102/HWY 28		HAZNET

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/28/2006
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 03/21/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 37

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 03/21/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 03/21/2007
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 28

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007
Date Data Arrived at EDR: 03/20/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 38

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: (415) 495-8895
Last EDR Contact: 05/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 47

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/24/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 27

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/17/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 04/20/2007
Date Data Arrived at EDR: 04/26/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 29

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 04/20/2007
Date Data Arrived at EDR: 04/26/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 29

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/11/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 63

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/04/2007
Date Data Arrived at EDR: 04/04/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/23/2006
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 35

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/27/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/27/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 82

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/17/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 62

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 04/27/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 02/26/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 02/26/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Annually

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/08/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 3

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/22/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 02/14/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 41

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/30/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Varies

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: No Update Planned

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/21/2007
Date Data Arrived at EDR: 04/03/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 05/01/2007
Date Data Arrived at EDR: 05/03/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 05/03/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/08/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 05/25/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/05/2007
Date Data Arrived at EDR: 04/25/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 30

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/06/2007
Date Data Arrived at EDR: 03/28/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 47

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/28/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/06/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 05/25/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/30/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 04/30/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/12/2007
Date Data Arrived at EDR: 03/15/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 22

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/15/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/19/2007
Date Data Arrived at EDR: 03/21/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 03/21/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 05/07/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 04/25/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 15

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 04/25/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 03/27/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 04/06/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 04/06/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 04/03/2007
Next Scheduled EDR Contact: 07/03/2007
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/13/2007
Date Data Arrived at EDR: 03/14/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 23

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 05/29/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 05/03/2007
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/05/2007
Date Data Arrived at EDR: 02/06/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 43

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Varies

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 05/01/2007
Date Data Arrived at EDR: 05/01/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 04/30/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/23/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 04/03/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/30/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/25/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 24

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/27/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/07/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/30/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/20/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 05/11/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 04/17/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/30/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/11/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/30/2007
Date Data Arrived at EDR: 03/30/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/19/2007
Date Data Arrived at EDR: 02/27/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 36

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 03/20/2007
Date Data Arrived at EDR: 04/16/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 28

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 02/19/2007
Date Data Arrived at EDR: 02/27/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 36

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/12/2007
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 03/20/2007
Date Data Arrived at EDR: 04/16/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 28

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/24/2007
Date Data Arrived at EDR: 04/26/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 14

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/24/2007
Date Data Arrived at EDR: 04/26/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 11

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 36

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/29/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 17

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 05/07/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 04/13/2007
Date Data Arrived at EDR: 04/16/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 21

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/13/2007
Date Data Arrived at EDR: 03/09/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 28

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 05/16/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/04/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 12/14/2006
Date Data Arrived at EDR: 12/15/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 39

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 05/30/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/20/2007
Date Data Arrived at EDR: 02/21/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 05/29/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 01/26/2007
Date Data Arrived at EDR: 02/20/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/30/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 17

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/24/2007
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/20/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/20/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/20/2007
Date Made Active in Reports: 04/12/2007
Number of Days to Update: 23

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/04/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 22

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/06/2007
Date Data Arrived at EDR: 02/07/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 20

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 02/06/2007
Date Data Arrived at EDR: 02/07/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 42

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/16/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 11

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 05/01/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/15/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 12

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 05/01/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/23/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/29/2007
Date Data Arrived at EDR: 04/24/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 16

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 04/04/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 03/08/2007
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 24

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/08/2007
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/12/2007
Number of Days to Update: 30

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 04/06/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/24/2007
Number of Days to Update: 14

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/30/2007
Date Data Arrived at EDR: 05/01/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 24

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 04/11/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/03/2007
Date Data Arrived at EDR: 04/04/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 23

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 04/16/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 24

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 04/18/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/23/2007
Date Data Arrived at EDR: 04/24/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 16

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007
Date Data Arrived at EDR: 05/04/2007
Date Made Active in Reports: 05/24/2007
Number of Days to Update: 20

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/04/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/28/2007
Date Data Arrived at EDR: 04/25/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 15

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/28/2007
Date Data Arrived at EDR: 03/23/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 35

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/28/2007
Date Data Arrived at EDR: 04/24/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 13

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/10/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 02/05/2007
Date Data Arrived at EDR: 02/20/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 29

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/30/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/16/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 05/08/2007
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/05/2007
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/02/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 04/24/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SHIFLER PROPERTY
YOLO COUNTY
WOODLAND, CA 95695

TARGET PROPERTY COORDINATES

Latitude (North):	38.68720 - 38 41' 13.9"
Longitude (West):	121.8575 - 121 51' 27.0"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	599369.2
UTM Y (Meters):	4282478.0
Elevation:	107 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38121-F7 WOODLAND, CA
Most Recent Revision:	1981
West Map:	38121-F8 MADISON, CA
Most Recent Revision:	1981

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

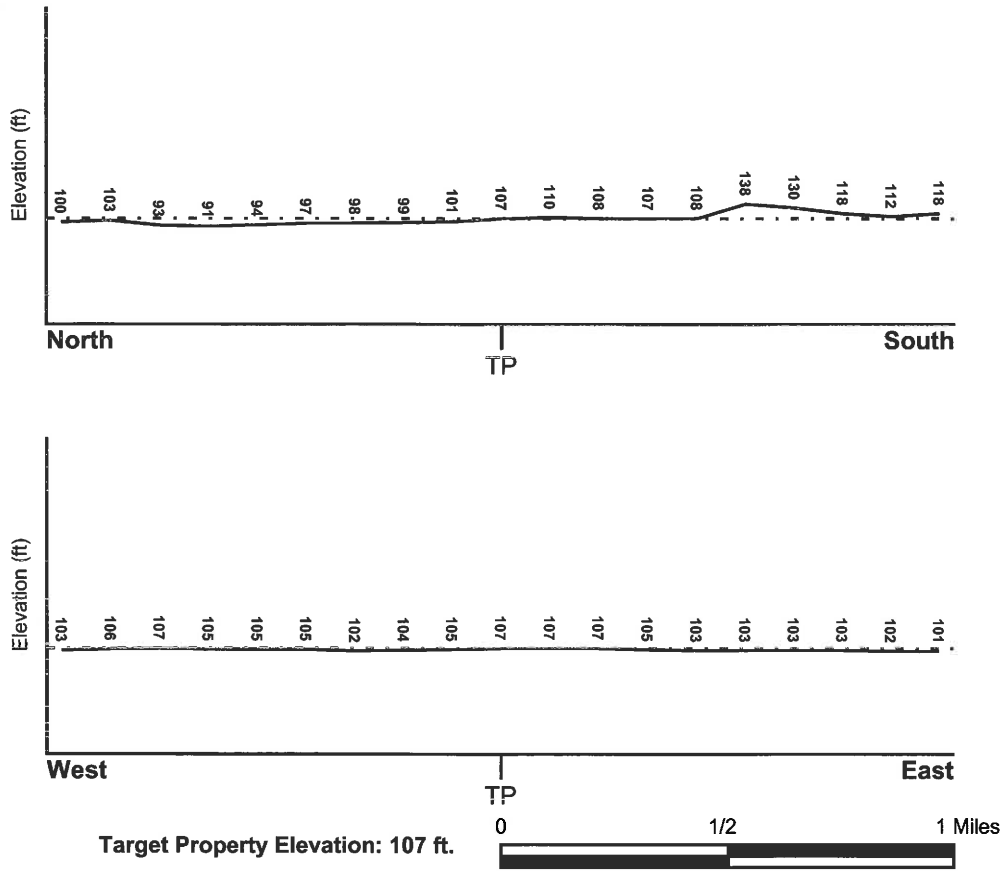
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
YOLO, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0604230425B
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
WOODLAND	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

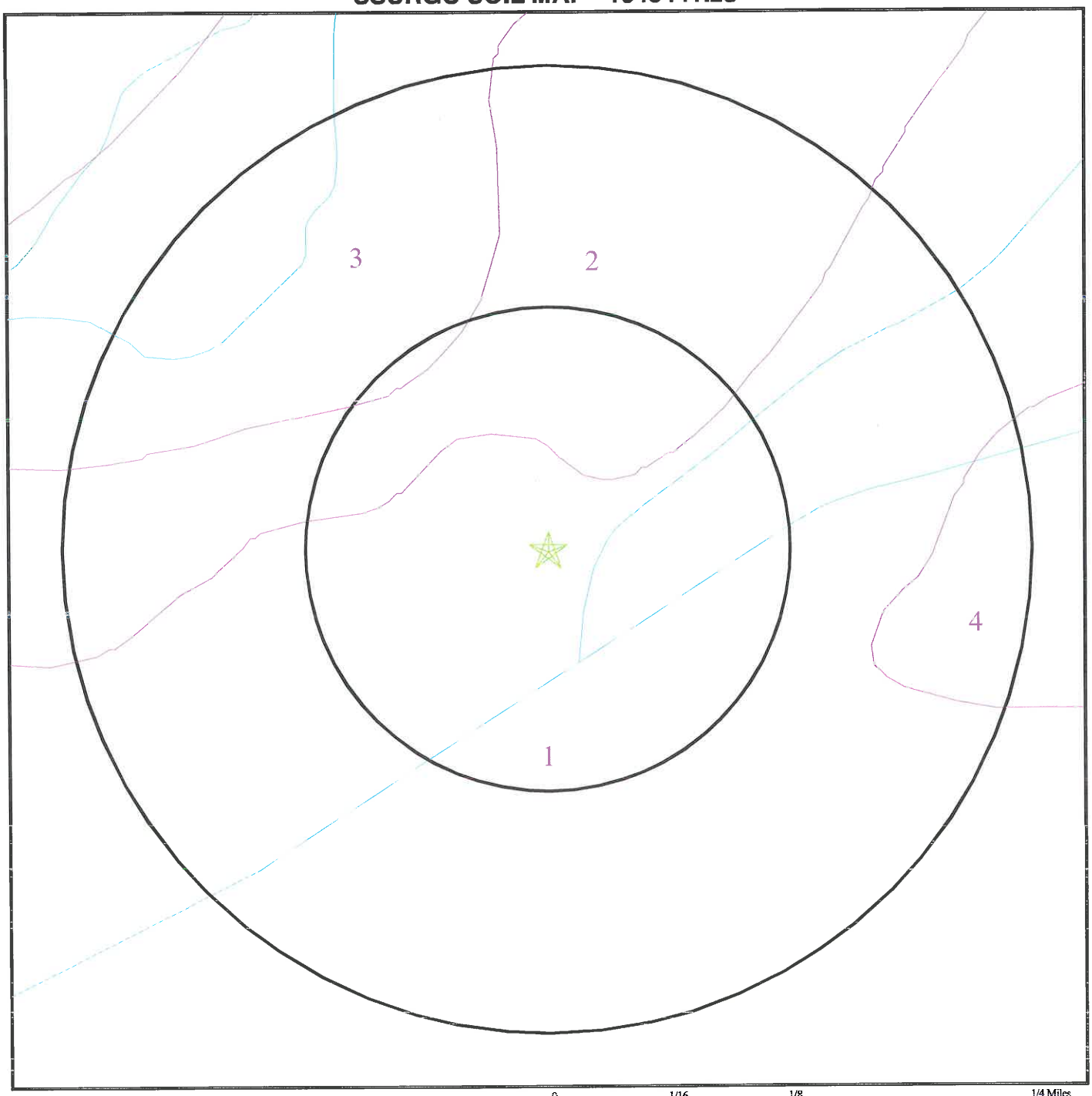
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 1940441.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Shifler Property	CLIENT:	Nichols Consulting Eng.,Chtd.
ADDRESS:	Yolo County WOODLAND CA 95695	CONTACT:	Frank Drewes
LAT/LONG:	38.6872 / 121.8575	INQUIRY #:	1940441.2s
		DATE:	May 30, 2007 12:56 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: YOLO

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information

	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	26 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.10
2	26 inches	65 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 6.60

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: LOAMY ALLUVIAL LAND

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information

	Boundary			Classification			
Layer	**Upper**	**Lower**	**Soil Texture Class**	**AASHTO Group**	**Unified Soil**	**Permeability Rate (in/hr)**	**Soil Reaction (pH)**
1	0 inches	10 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 6.60
2	10 inches	30 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 6.60
3	30 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 6.60

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: RIVERWASH

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information

	Boundary			Classification			
Layer	**Upper**	**Lower**	**Soil Texture Class**	**AASHTO Group**	**Unified Soil**	**Permeability Rate (in/hr)**	**Soil Reaction (pH)**
1	0 inches	6 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 0.00 Min: 0.00
2	6 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 0.00 Min: 0.00

Soil Map ID: 4

Soil Component Name: BRENTWOOD

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	10 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 6.60
2	10 inches	35 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 6.60
3	35 inches	60 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 6.60

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS3225221	1/2 - 1 Mile South
5	USGS3225076	1/2 - 1 Mile WNW
8	USGS3225208	1/2 - 1 Mile SSE
9	USGS3225222	1/2 - 1 Mile SW
10	USGS3225082	1/2 - 1 Mile ENE
11	USGS3225230	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

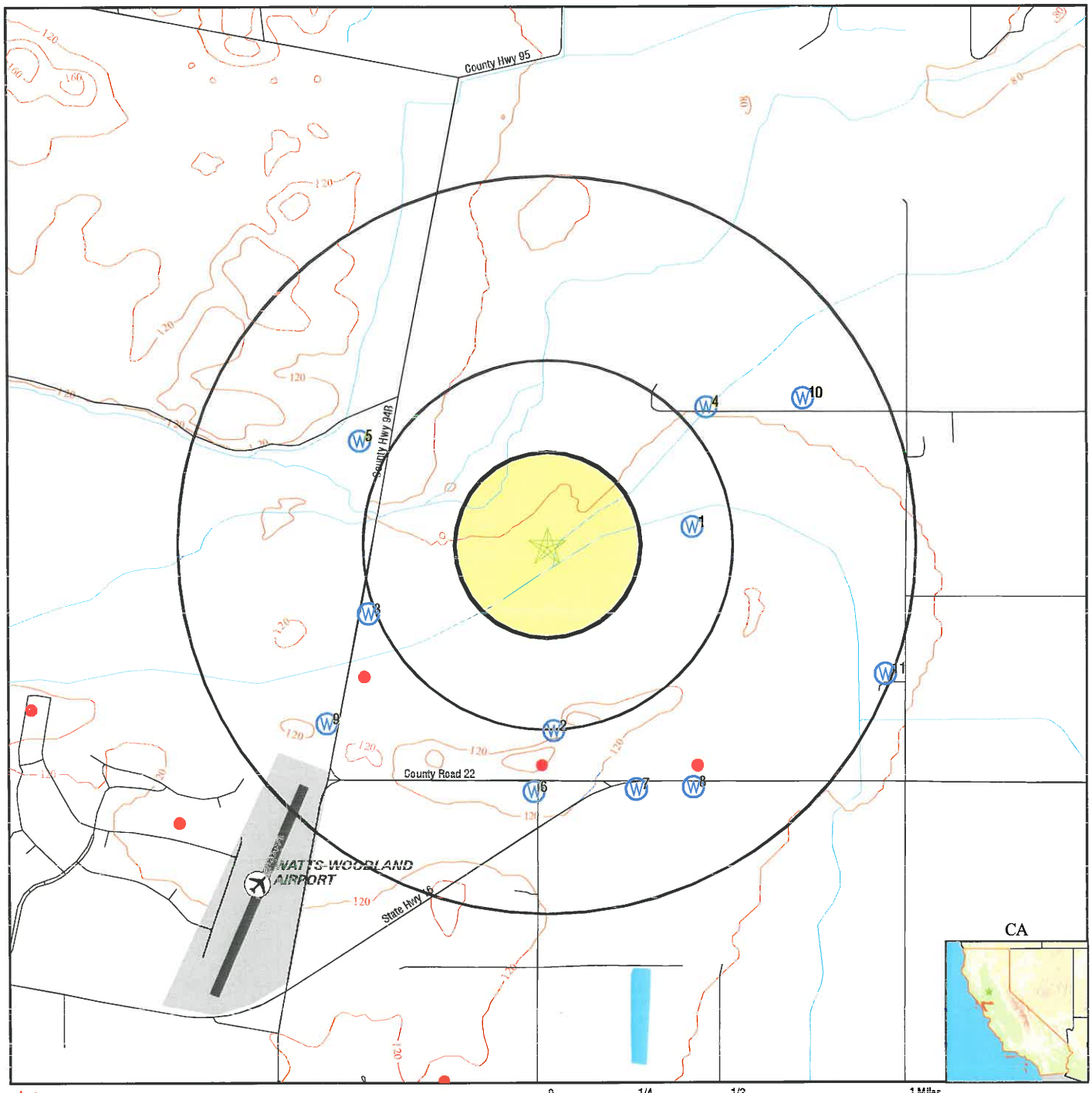
MAP ID	WELL ID	LOCATION FROM TP
1	CADW00000040006	1/4 - 1/2 Mile East
3	CADW00000039999	1/2 - 1 Mile WSW
4	CADW00000040015	1/2 - 1 Mile NE
6	CADW00000039979	1/2 - 1 Mile South
7	CADW00000039980	1/2 - 1 Mile SSE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1/2 - 1 Mile SW	1 - 2 Miles WSW
1/2 - 1 Mile South	1/2 - 1 Mile SE
1 - 2 Miles SW	1 - 2 Miles South

PHYSICAL SETTING SOURCE MAP - 1940441.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Shifler Property	CLIENT: Nichols Consulting Eng.,Chtd.
ADDRESS: Yolo County	CONTACT: Frank Drewes
WOODLAND CA 95695	INQUIRY #: 1940441.2s
LAT/LONG: 38.6872 / 121.8575	DATE: May 30, 2007 12:56 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **East** **1/4 - 1/2 Mile** **Lower**		**CA WELLS**	**CADW00000040006**

Longn:	-121.8492		
Latn:	38.688		
Stwellno:	10N01E27F001M		
Districtco:	7		
Wellusecod:	I		
Countycode:	57		
Gwcode:	502109	County:	Yolo
State:	CA	Gw name:	Sacramento Valley (Yolo County)
District:	Central District		
Descriptio:	Irrigation		

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2 **South** **1/2 - 1 Mile** **Higher**		**FED USGS**	**USGS3225221**
Agency cd:	USGS	Site no:	384048121512201
Site name:	010N001E27N001M		
Latitude:	384048		
Longitude:	1215122	Dec lat:	38.67990429
Dec lon:	-121.85718824	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	113
Country:	US	Land net:	Not Reported
Location map:	WOODLAND	Map scale:	24000
Altitude:	110.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Sacramento. California. Area = 1720 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19630513
Date inventoried:	19810522	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	500	Hole depth:	500
Source of depth data:	driller		
Project number:	8479423711		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
3 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADW00000039999**

Longn:	-121.8654		
Latn:	38.6846		
Stwellno:	10N01E28K001M		
Districtco:	7		
Wellusecod:	I		
Countycode:	57		
Gwcode:	502109	County:	Yolo
State:	CA	Gw name:	Sacramento Valley (Yolo County)
District:	Central District		
Descriptio:	Irrigation		

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4 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADW00000040015**

Longn:	-121.8485		
Latn:	38.6927		
Stwellno:	10N01E22P001M		
Districtco:	7		
Wellusecod:	I		
Countycode:	57		
Gwcode:	502109	County:	Yolo
State:	CA	Gw name:	Sacramento Valley (Yolo County)
District:	Central District		
Descriptio:	Irrigation		

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5 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3225076**

Agency cd:	USGS	Site no:	384129121515701
Site name:	010N001E28B002M		
Latitude:	384129		
Longitude:	1215157	Dec lat:	38.69129296
Dec lon:	-121.86691082	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	113
Country:	US	Land net:	Not Reported
Location map:	WOODLAND	Map scale:	24000
Altitude:	102.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Cache. California. Area = 190 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19670725
Date inventoried:	19810527	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	192	Hole depth:	192
Source of depth data:	driller		
Project number:	8479423711		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

6
South
1/2 - 1 Mile
Higher

CA WELLS **CADW00000039979**

Longn:	-121.8571		
Latn:	38.6776		
Stwellno:	10N01E33A001M		
Districtco:	7		
Wellusecod:	H		
Countycode:	57		
Gwcode:	502109	County:	Yolo
State:	CA	Gw name:	Sacramento Valley (Yolo County)
District:	Central District		
Descriptio:	Domestic		

7
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADW00000039980**

Longn:	-121.852		
Latn:	38.6777		
Stwellno:	10N01E34C001M		
Districtco:	7		
Wellusecod:	U		
Countycode:	57		
Gwcode:	502109	County:	Yolo
State:	CA	Gw name:	Sacramento Valley (Yolo County)
District:	Central District		
Descriptio:	Unused		

8
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3225208**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	384040121505701
Site name:	010N001E34C002M		
Latitude:	384040		
Longitude:	1215057	Dec lat:	38.67768213
Dec lon:	-121.8502436	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	113
Country:	US	Land net:	Not Reported
Location map:	WOODLAND	Map scale:	24000
Altitude:	103.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Sacramento. California. Area = 1720 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19781218
Date inventoried:	19810522	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	616	Hole depth:	616
Source of depth data:	driller		
Project number:	8479423711		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
SW
1/2 - 1 Mile
Higher

FED USGS **USGS3225222**

Agency cd:	USGS	Site no:	384049121520301
Site name:	010N001E28N001M		
Latitude:	384049		
Longitude:	1215203	Dec lat:	38.68018202
Dec lon:	-121.86857744	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	113
Country:	US	Land net:	Not Reported
Location map:	WOODLAND	Map scale:	24000
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Lower Cache. California. Area = 190 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19771009
Date inventoried:	19810604	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	566	Hole depth:	601
Source of depth data:	driller		
Project number:	8479423711		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

10
ENE
1/2 - 1 Mile
Lower

FED USGS **USGS3225082**

Agency cd:	USGS	Site no:	384135121503701
Site name:	010N001E22Q001M		
Latitude:	384135		
Longitude:	1215037	Dec lat:	38.69295969
Dec lon:	-121.84468803	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	113
Country:	US	Land net:	Not Reported
Location map:	WOODLAND	Map scale:	24000
Altitude:	96.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Cache. California. Area = 190 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19760421
Date inventoried:	19810528	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	196	Hole depth:	201
Source of depth data:	driller		
Project number:	8479423711		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1976-04-21	Ground water data end date:	1981-05-28
Ground water data count:	2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-05-28	98.1		1976-04-21	102.00	

11
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS3225230**

Agency cd:	USGS	Site no:	384056121502201
Site name:	010N001E27J002M		
Latitude:	384056		
Longitude:	1215022	Dec lat:	38.68212654
Dec lon:	-121.84052116	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	113
Country:	US	Land net:	Not Reported
Location map:	WOODLAND	Map scale:	24000
Altitude:	98.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Sacramento. California. Area = 1720 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19770319
Date inventoried:	19810522	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	385	Hole depth:	406
Source of depth data:	driller		
Project number:	8479423711		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SW
1/2 - 1 Mile | **OIL_GAS** | **CA10182931**

Apinumber:	11321056	Operator:	Capitol Oil Corp.
Lease:	Torrence-Claar	Well no:	28-1
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	616	Status cod:	007
Source:	hud		
Latitude:	38.68212		
Longitude:	-121.86562		
Td:	4913	Sec:	28
Twn:	10N	Rge:	01E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

WSW
1 - 2 Miles | **OIL_GAS** | **CA10182924**

Apinumber:	11300274	Operator:	C.D. Howe
Lease:	Lajolla-Thornburg	Well no:	1
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	616	Status cod:	006
Source:	hud		
Latitude:	38.68086		
Longitude:	-121.88226		
Td:	2451	Sec:	29
Twn:	10N	Rge:	01E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

South
1/2 - 1 Mile | **OIL_GAS** | **CA10182918**

Apinumber:	11300273	Operator:	Yolo Oil Corp.
Lease:	Not Reported	Well no:	1
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	616	Status cod:	006
Source:	hud		
Latitude:	38.67865		
Longitude:	-121.85671		
Td:	3150	Sec:	27
Twn:	10N	Rge:	01E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SE
1/2 - 1 Mile | **OIL_GAS** | **CA10182917**

Apinumber:	11320837	Operator:	Phillips Petroleum Co.
Lease:	Stevens B	Well no:	1
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	616	Status cod:	007
Source:	hud		
Latitude:	38.67863		
Longitude:	-121.84893		
Td:	6000	Sec:	27
Twn:	10N	Rge:	01E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

SW
1 - 2 Miles | **OIL_GAS** | **CA10182911**

Apinumber:	11300276	Operator:	Natural Gas Corp. of Calif.
Lease:	Yolo Unit	Well no:	1
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	616	Status cod:	006
Source:	hud		
Latitude:	38.67637		
Longitude:	-121.87487		
Td:	4100	Sec:	33
Twn:	10N	Rge:	01E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

South
1 - 2 Miles | **OIL_GAS** | **CA10182887**

Apinumber:	11320384	Operator:	UMC Petroleum Corp.
Lease:	Berlin et al	Well no:	1-33
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	616	Status cod:	006
Source:	hud		
Latitude:	38.66623		
Longitude:	-121.86166		
Td:	5950	Sec:	33
Twn:	10N	Rge:	01E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
95695	9	0	0.00

Federal EPA Radon Zone for YOLO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95695

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.025 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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The EDR Environmental Lien Search Report

SHIFLER PROPERTY
YOLO COUNTY
WOODLAND, CALIFORNIA

Friday, June 8, 2007

Project Number: L07-04317

EDR Environmental Data Resources Inc

netr Real Estate Research & Information

The Standard In Environmental Risk Management Information

440 Wheelers Farm Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

ENVIRONMENTAL LIEN REPORT

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

Thank you for your business
Please contact EDR at 1-800-352-0050
with any questions or comments

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ENVIRONMENTAL LIEN REPORT

The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

Shifler Property
Yolo County
Woodland, California

RESEARCH SOURCE

Source: Yolo County Assessor
Yolo County Recorder

DEED INFORMATION

Type of Instrument: Grant Deed

Title is vested in: Leslie C. Shifler, a married man as his sole and separate property

Title received from: Wallace R. Shifler, Trustee of the Shifler Family Trust dated September 5, 1996

Deed Dated: 08/29/2005
Deed Recorded: 09/02/2005
Instrument: 2005-0043695-00

Type of Instrument: Interspousal Transfer Grant Deed

Title is vested in: Leslie C. Shifler, a married man as his sole and separate property

Title received from: JoAnne J. Shifler

Deed Dated: 09/28/2005
Deed Recorded: 11/09/2005
Instrument: 2005-0056099-00

LEGAL DESCRIPTION

Lots 39, 40, 47, 48, and 49, in the subdivision of Clanton's of Willow Oak Park, according to the map or plat thereof, as filed of record in Book 35, Page 396, Yolo County, State of California

Assessor's Parcel Number(s): 25-120-32 and 25-120-33

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

ENVIRONMENTAL LIEN REPORT

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

ENVIRONMENTAL LIEN REPORT

TARGET PROPERTY INFORMATION

ADDRESS

Shifler Property
Yolo County
Woodland, California

RESEARCH SOURCE

Source: Yolo County Assessor
Yolo County Recorder

DEED INFORMATION

Type of Instrument: Grant Deed

Title is vested in: Leslie C. Shifler, a married man as his solo and separate property

Title received from: Wallace R. Shifler, Trustee of the Shifler Family Trust dated September 5, 1996

Deed Dated: 08/29/2005
Deed Recorded: 09/02/2005
Instrument: 2005-0043697-00

Type of Instrument: Interspousal Transfer Grant Deed

Title is vested in: Leslie C. Shifler, a married man as his sole and separate property

Title received from: JoAnne J. Shifler

Deed Dated: 09/28/2005
Deed Recorded: 11/09/2005
Instrument: 2005-0056099-00

LEGAL DESCRIPTION

Being that parcel or tract of land out of the Rancho Rio de Jesus Maria or Hardy Grant, Parcel shown as Grover C. Stevens, according to the map or plat thereof, as filed of record in Book 6, Page 34, Yolo County, State of California

Assessor's Parcel Number(s): 25-430-1 and 25-430-2

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

RECORDING REQUESTED BY

ORDER #

APN : 25-120-32 & 25-120-33

WHEN RECORDED MAIL TO

Name / Street Address / City & State:
ANTHONY L. GRAUPENSPERGER
CPA & Attorney
1300 Lincoln Way
Suite A
Auburn, CA 95603-5007

YOLO Recorder's Office
Freddie Oakley, County Recorder
DOC- 2005-0043695-00
Check Number 11802
RECD BY ANTHONY GRAUPENSPERGER
Friday, SEP 02, 2005 09:12:00
Ttl Pd $10.00 Nbr-0000590218
FRT/RB/1-2

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Grant Deed

ALL | PTN.

The undersigned grantor(s) declare(s):
Documentary transfer tax is $ Ø
( ) computed on full value of property conveyed, or
( ) computed on full value less value of liens and encumbrances remaining at time of sale.
( ) Unincorporated area: ( ) City of _____
(XXX) Realty not sold.
FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

WALLACE R. SHIFLER, Trustee of the SHIFLER FAMILY TRUST dated September 5, 1996

hereby GRANT(S) to

LESLIE C. SHIFLER, a married man as his sole and separate property

that property in the Unincorporated Area of Yolo County, State of California, described as:

See Exhibit "A" attached hereto and made a part hereof

Mail tax statements to the address of record.

Date August 29, 2005

State of California)
) ss
County of Placer)

WALLACE R. SHIFLER

on 8/29/05 before me, Deborah L. Hall a Notary Public in and for said State, personally appeared Wallace R. Shifler personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.

Signature Deborah L Hall

DEBORAH L. HALL
Commission # 1331944
Notary Public - California
Placer County
My Comm. Expires Nov 27, 2005

043695 SEP-2 50

MAIL TAX STATEMENTS AS DIRECTED ABOVE

EXHIBIT "A"

Lots 39, 40, 47, 48 and 49, Clanton's Subdivision of Willow Oak Park, according to the Map or Plat of said Subdivision on file and of record in the Office of the County Recorder of Yolo County, Filed October 23, 1883, in Book 35 of Deeds, at page 396.

EXCEPTING THEREFROM that portion conveyed to Monument Hill Memorial Park by deed recorded May 6, 1963, in Book 712, Page 478 of Official Records.

APN: 25-120-32 and 25-120-33

END OF DOCUMENT 043695 SEP-2 5

This fax was received by GFI FAXmaker fax server. For more information, visit: http://www.gfi.com

RECORDING REQUESTED BY
First American Title Company

AND WHEN RECORDED MAIL TO:

Leslie C. Shifler
664 Cole Court
Folsom, CA 95630

YOLO Recorder's Office
Freddie Oakley, County Recorder
DOC- 2005-0056099-00
Acct 103-First American Title
Wednesday, NOV 09, 2005 08:31:00
Tkl Pd $33.00 Nbr-0000685524
VRB/RG/1-3

Space Above This Line for Recorder's Use Only

A.P.N.: 025-120-33-1 File No.: 3404-1705130 (AT)

INTERSPOUSAL TRANSFER GRANT DEED

(Excluded from Reappraisal under California Constitution Article 13A ☐ 1 et seq.)

The Undersigned Grantor(s) declare(s): DOCUMENTARY TRANSFER TAX $; CITY TRANSFER TAX $; This conveyance is solely between spouses and establishes the sole and separate property of a spouse and is EXEMPT from the imposition of the Documentary Transfer Tax pursuant to § 11930 of the Revenue and Taxation Code.

This is an Interspousal Transfer and not a change in ownership under Section 63 of the Revenue and Taxation Code, and transfer by Grantor(s) is excluded from reappraisal as a creation, transfer, solely between the spouses of any co-owner's interest.

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

JoAnne J. Shifler

hereby GRANTS to

Leslie C. Shifler, a married man as his sole and separate property

the following described property in the City of , County of Yolo, State of California:

Attached hereto as Exhibit A.

It is the express intent of the Grantor, being the spouse of the Grantee, to convey all right, title and interest of the Grantor, community or otherwise, in and to the herein described property to the Grantee as his/her sole and separate property.

056099 NOV-9 05

(3)

Dated: 09/28/2005

JoAnne J. Shifler
JoAnne J. Shifler

A.P.N.: 025-120-33-1 File No.: 3404-1705130 (AT)

STATE OF California }
} ss.
COUNTY OF Yolo }

On September 30, 2005 before me, M'Lisa A Torres, a Notary Public personally appeared JoAnne J Shifler personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

This area for official notarial seal

M LISA A. TORRES
Commission # 1429248
Notary Public - California
Yolo County
My Comm. Expires Jul 8, 2007

Signature M'Lisa A. Torres

My Commission Expires: 7/8/07

Notary Name: M'Lisa A. Torres
Notary Registration Number: 1429248

Notary Phone: 530-662-7367
County of Principal Place of Business: Yolo

056099 NOV-9 05

EXHIBIT A

Parcel One:

All that portion of the Rancho Rio de Jesus Maria or Hardy Grant, in Yolo County, California, shown as "Grover C. Stevens Parcel" on that certain Map entitled "Record of Survey of the Grover C. Stevens Property" on file in the Office of the County Recorder of Yolo County, California, in Volume 6 of Maps and Surveys at Page 14, and described as follows:

Beginning at Corner J.M.H. No. 1, at the Southwest corner of said Rancho Rio de Jesus Maria; thence North 10° 37' 23" East along the Westerly line of said Rancho for a distance of 3677.53 feet to a point; thence South 85° 52' 20" East for a distance of 963.75 feet to a point; thence North 35° 52' 20" East a distance of 1885.52 feet to a point; thence North 10° 37' 23" East for a distance of 716.76 feet to a point; thence South 89° 56' 44" East for a distance of 848.25 feet to a concrete monument; at an angle point in the Westerly line of Lot 45 of Clantons Willow Oak Park; thence South 10° 37' 23" West along the Westerly line of said Clanton's Willow Oak Park for a distance of 6089.14 feet to a point on the South line of said Rancho Rio de Jesus Maria; thence North 89° 45' West along the South line of said Rancho for a distance of 2638.8 feet to a point of beginning.

Excepting therefrom that portion conveyed to Monument Hill Memorial Park by deed recorded May 6, 1963, in Book 712, Page 478 of Official Records.

Parcel Two:

Lots 39, 40, 47, 48 and 49, Clanton's Subdivision of Willow Oak Park, according to the Map or Plat of said Subdivision on file and of record in the Office of the County Recorder of Yolo County, filed October 23, 1883, in Book 35 of Deeds, at Page 396.

Excepting therefrom that portion conveyed to Monument Hill Memorial Park by deed recorded May 6, 1963, in Book 712, Page 478 of Official Records.

END OF DOCUMENT

056099 NOV -9 05

3

RECORDING REQUESTED BY

ORDER #

APN : 25-430-1 and 25-430-2

WHEN RECORDED MAIL TO

Name: Tony Graupensperger
Street Address: 1300 Lincoln Way
City & State: Suite A
Auburn, CA 95603

YOLO Recorder's Office
Freddie Oakley, County Recorder
DOC- 2005-0043697-00
Check Number 11682
RECD BY ANTHONY GRAUPENSPERGER
Friday, SEP 02, 2005 09:12:00
Ttl Pd $10.00 Nbr-0000590220
FRT/R8/1-2

Grant Deed

ALL | PTN.

The undersigned grantor(s) declare(s):
Documentary transfer tax is $ 0 .
( ) computed on full value of property conveyed, or
( ) computed on full value less value of liens and encumbrances remaining at time of sale.
( ) Unincorporated area: ( ) City of _____
(XX) Realty not sold.
FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

WALLACE R. SHIFLER, Trustee of the SHIFLER FAMILY TRUST dated September 5, 1996

hereby GRANT(S) to

LESLIE C. SHIFLER, a married man as his sole and separate property

that property in the Unincorporated Area of Yolo County, State of California, described as:

See Exhibit "A" attached hereto and made a part hereof.

Mail tax statements to the address of record.

Date August 29, 2005

State of California)
) ss
County of Placer)

WALLACE R. SHIFLER

on 8/29/05 before me, Deborah L. Hall a Notary Public in and for said State, personally appeared Wallace R. Shifler personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal.

Signature Deborah L Hall

DEBORAH L. HALL
Commission # 1331944
Notary Public - California
Placer County
My Comm. Expires Nov 27, 2006

MAIL TAX STATEMENTS AS DIRECTED ABOVE

0043697 SEP-2005

EXHIBIT "A"

All that portion of the Rancho Rio de Jesus Maria or Hardy Grant, in Yolo County, California shown as "Grover C. Stevens Parcel" on that certain map entitled "RECORD OF SURVEY of the Grover C. Stevens Property" on file in the office of the County Recorder of Yolo County Recorder of Yolo County, California, in Volume 6 of Maps and Surveys at Page 34, and described as follows:

BEGINNING at Corner J.M.H. No. 1, at the Southwest corner of said Rancho Rio de Jesus Maria; thence North 10°37'23" East along the Westerly line of said Rancho for a distance of 3877.53 feet to a point; thence South 85°52'20" East for a distance of 963.75 feet to a point; thence North 35°52'20" East for a distance of 1885.52 feet to a point; thence North 10°37'23" East for a distance of 716.76 feet to a point; thence South 89°56'44" East for a distance of 848.25 feet to a concrete monument at an angle point in the Westerly line of said Clanton's Willow Oak Park; thence South 10°37'23" West along the Westerly line of said Clanton's Willow Oak Park for a distance of 6089.14 feet to a point on the South line of said Rancho Rio de Jesus Maria; thence North 89°45' West along the South line of said Rancho for a distance of 2638.83 feet to a point of beginning.

EXCEPTING THEREFROM that portion conveyed to Monument Hill Memorial Park by deed recorded May 6, 1963, in Book 712, Page 478 of Official Records.

APN: 25-430-01 and 25-430-02

043697 SEP -2 PM

END OF DOCUMENT

Certified Sanborn® Map Report

Sanborn® Library search results
Certification # 713E-4F9D-B861

Shifler Property
Yolo County
WOODLAND, CA 95695

Inquiry Number 1940441.3

May 30, 2007

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Certified Sanborn® Map Report

5/30/07

Site Name:
Shifler Property
Yolo County
WOODLAND, CA 95695

EDR Inquiry # 1940441.3

Client Name:
Nichols Consulting Eng.,Chtd.
8795 Folsom Boulevard
Sacramento, CA 95826

Contact: Frank Drewes

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Nichols Consulting Eng.,Chtd. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Shifler Property
Address: Yolo County
City, State, Zip: WOODLAND, CA 95695
Cross Street:
P.O. # NA
Project: Shifler ESA
Certification # 713E-4F9D-B861

Sanborn® Library search results
Certification # 713E-4F9D-B861

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

Total Maps: 0

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APPENDIX B

PRE-SURVEY QUESTIONNAIRE

Nichols Consulting Engineers, Chtd (NCE)

8795 Folsom Blvd, Suite 103
Sacramento, California 95826
(916) 388-5655 (tel)
(916) 388-5676 (fax)

Pre-Survey Questionnaire & Disclosure Statement

Please provide written responses to this questionnaire and upon completion fax it to NCE. For those questions, which are not applicable or you do not know the answer, please respond with an "N/A" or "U/K", respectively. If you have any questions, please call NCE or ask the NCE Project Manager at the time of their site visit. If additional pages for response are necessary, please attach hereto and reference same to the appropriate question number. Upon completion, please return by fax to the above number. This document along with you written responses will be included as exhibits within our reports.

Name of Property:	Stevens Ranch	**NCE Project No.:**	
Address:	PLS. GET FROM TEICHERT —	**NCE ESA Project Manager:**	Mike Leacox, C.E.G
Age of Property:	OVER 100 YRS	**Tax I.D.# (Sec, Lot, Block):**	36/2/645
No. of Guestrooms:	Ø	**Size of Building(s) (SF):**	
Number of Buildings:	Ø	**Property Management Co.:**	
Number of Stories:	Ø	**Tel:**	
Ownership Entity:	M.L. & S. SHIFLER	**Fax:**	N/A
Borrower's/Owner's Representative:	none	**Duration of Current Management:**	
Tel:		**Prepared and Submitted by:**	
Fax:		**Signature:**	
Site Contact:	Same	**Date:**	
Tel:		**Date Sent to Recipient:**	
Fax:			

A. GENERAL

1. **Property Owner/Occupant Information**

Mr. Les Shiflet
Owner's Name

948 Glenn Ann ~~Ave~~ Way.
Owner's Address

Folsom, CA 95630
Occupant's Name

Occupant's Address

2. **Previous Property Owners / Occupants**

Please Provide the names and contact information for any known previous property owners:

Owner/ Name of Occupant	Contact Information	Dates of Ownership
N/A?		

3. **Valuation Reduction**

Was/is the purchase price of the Subject property significantly Less than the purchase price of comparable properties due to Environmental conditions? Yes ☐ No ☐ U/K ☒

If yes, please explain below.

B. PROPERTY DESCRIPTION

1. **Land**

a. Size of Parcel? 425 +/- Acres

b. Parcel Number (s) 9 Parcels from Tekhurt -

c. Shape of Parcel? ☒ Rectangular ☐ Irregular ☐ Other

Please provide a copy of site survey or site plans, if available.

d. Are there any surface waters or wetlands on the site? Yes ☒ No ☐ U/K ☐
If "Yes," please provide any information as to the size and location of these areas.
Laguna Ditch

e. Has fill been imported onto the Subject Property? Yes ☐ No ☐ U/K ☒

f. Are there currently or has there previously been waste treatment or disposal pits ponds, or lagoons on the site? Yes ☐ No ☐ U/K ☒

2. **Product Mix** _____ N/A

What is the tenant's name and size of their space? Use back of sheet if additional space is required.

Tenant Name	Area (SF):
TECHNET INC	
Miller + Sons	320 Beds +/-

3. **Utilities**

a. Providers

Who provides the following utilities to the subject?

Utility	Provider
Water:	CONTACT TECHNET.
Sanitary Sewer:	
Storm Drainage:	
Electric:	
Gas/Oil:	
Steam:	
Chilled Water:	

U/K

Are there any problems or tenant complaints regarding the site's drinking water? Yes ☐ No ☐ U/K ☒

To the best of your knowledge, are there any problems with the underground utilities at the Subject, such as leaks, periodic breaks, etc? If yes, please list the problem areas. Yes ☐ No ☐ U/K ☒

b. Septic Systems

Was or is there a septic system on the property? Yes ☐ No ☐ U/K ☒

If so, is the septic system currently in use? Yes ☐ No ☐

If "Yes", any problems (explain below)? Yes ☐ No ☐

U/K

What is the date of the last septic tank pumping/cleaning?

c. Stormwater Management and Floor Drains

Is there an underground stormwater retention or detention system? Yes ☐ No ☐ UK

If "Yes", please provide any information as to its capacity, location, construction and whether it functions as a sediment control basin.

Where is the site's stormwater discharged to? ASK ground

NCE

Are there any floor drains on the site? Yes ☐ No ☐ U/K ☒
If so, where do they discharge to?

d. Wells

Is there a well on the site? Yes ☐ No ☐ U/K ☒

If so, what type of well is it?

Drinking Water	☐	Irrigation	☐
Monitoring	☐	Dry Well	☐

Have contaminants in excess of governmental guidelines been identified in the water? Yes ☐ No ☐

4. Roofing System

To the best of your knowledge, does the system contain asbestos? Yes ☐ No ☐ U/K ☐ n/a

When was the roofing system installed? Yes ☐ No ☐ U/K ☐

Was the old roofing material serviced? Yes ☐ No ☐ U/K ☐

5. Building Conditions

To the best of your knowledge, does the building have any of the following conditions? If so, describe the type and location of the problem and if any repairs or replacements been made within the last three(3) years to alleviate same?

a.	Roof leakage?	Yes ☐	No ☐	
b.	Exterior façade (Including penetrations and windows) Water/moisture infiltration problems?	Yes ☐	No ☐	
c.	Exterior Insulation Finish System ("EIFS") water/moisture infiltration?	Yes ☐	No ☐	
d.	Structural problems such as excessive floor framing deflection, sidewall or foundation cracks?	Yes ☐	No ☐	
e.	Cellar/Basement water/moisture infiltration?	Yes ☐	No ☐	
f.	Heating capacity, distribution or equipment deficiencies?	Yes ☐	No ☐	
g.	Domestic hot water capacity, distribution or equipment deficiencies?	Yes ☐	No ☐	
h.	Air conditioning capacity, distribution or equipment deficiencies?	Yes ☐	No ☐	
i.	Inadequate domestic water pressure, disclosed potable water, or drain line problems?	Yes ☐	No ☐	
j.	Presence of phenolic roof insulation?	Yes ☐	No ☐	U/K ☐
k.	Galvanized iron, lead or brass water supply piping?	Yes ☐	No ☐	U/K ☐

n/a

6. Work Orders

What are the 10 most common work orders related to the Subject? ?

7. Flooding?

Has any portion of the site incurred flooding? Yes ☐ No ☐

If "Yes", please explain and identify location. UK

Is any portion of the site located in a flood plain? Yes ☐ No ☐

8. Capital Improvements

Have there been any additions made to the property? Yes ☐ No ☐

If "Yes", please explain and identify location and the date of the improvements.

TREATMENT BUILT N CINDER BLOCK

9. Tenant Responsibilities

Please identify the following components or systems where tenants are solely responsible for repair, servicing/maintenance, and replacement under the terms of their lease:

a.	Domestic Hot Water Heaters	☐
b.	Rooftop Air Conditioning Units	☐
c.	Air-cooled DX Condensers/Compressors	☐ N/A
d.	Kitchen Equipment	☐
e.	Ballroom/Meeting Room Furnishings	☐
f.	Other _____	☐

C. REGULATORY

1. Has the property ever been subject to any environmental enforcement action by the federal, state or local government? Yes ☐ No ☐ U/K ☐
   If so, please explain.

2. Do you have any knowledge of pending or contemplated environmental actions against the Subject or neighborhood properties Yes ☐ No ☐ U/K ☐
   If so, please state the circumstances.

3. Has there been any citizen or tenant complaints regarding environmental or health matters in connection with Subject? Yes ☐ No ☐ U/K ☐

   If so, please explain.

4. Are you in receipt of any notices of code violations from the municipality's building department, zoning and/or planning department, fire department, or health department? Yes ☐ No ☐

   If "Yes", please disclose the nature of the violations, attach copies of the violations to this statement and explain what actions are being undertaken to comply.

5. Are you aware of notice from any government agency regarding potential condemnation or right-of-way widening? Yes ☐ No ☐ UK

If "Yes", please explain:

6. Are you aware of any local, state, or federal environmental permits issued for the site or site operation?

If "Yes", please explain: Yes ☐ No ☐ UK

D. SITE HISTORY and PREVIOUS REPORTS

1. Were there any buildings or other improvements on the property prior to the existing improvements? Yes ☒ No ☐ U/K ☐
If so, what were they? A House / Burnt Down

2. Is or has the property been used for industrial or agricultural purposes, or as a gasoline station, auto repair, dry cleaner, junkyard, or landfill? Yes ☒ No ☐ U/K ☐
If so, please describe. Ag. Use

3. **Site Operations**

To the best of your knowledge, do any of the following operations take place on the Subject or have ever taken place on the Subject:

• Dry Cleaning:	Yes ☐	No ☒
• Petroleum Storage/Sales:	Yes ☐	No ☒
• Photo or X-Ray Finishing:	Yes ☐	No ☒
• Electronic Equipment Assembly or Manufacturing:	Yes ☐	No ☒
• Paint or Solvent Storage:	Yes ☐	No ☒
• Chemical Manufacturing:	Yes ☐	No ☒
• Automobile Storage, Repair, or Disposal:	Yes ☐	No ☒
• Agriculture:	Yes ☒	No ☐

4. **Previous Studies/Documentation**

a. **Environmental Reports**

Do you have any knowledge of previously prepared Environmental Site Assessment Reports, asbestos surveys, lead-based paint studies or testing (soil, groundwater, tank tightness testing, lead-based paint testing, asbestos testing, indoor air quality, mold (bacteria and fungi testing), etc.) conducted on the site? If so, please either provide copies of the reports or list the title, date, preparer and recipient of such report(s) below:

☒ I have no knowledge of any environmental related studies or reports prepared on the Subject

b. **Title Reports and Engineering/Architectural Drawings**

Are you in possession of a title report, site drawings, soils reports or geotechnical investigations, building drawings and specifications and/or a survey for the site? Yes ☐ No ☐

If so, please provide copies of same. TEICHERT

Please provide all available environmental information from yours or your Client's records including, but not limited to, documentation in connecting with any pending or threatened public or private proceedings or litigation with respect to environmental liability, environmental permits and permit applications, underground and aboveground tank registration and information (including removal and testing of such tanks), environmental reports, asbestos, lead-based paint or indoor air quality studies, sill information and compliance information and programs.

c. Property Condition Reports

To the best of your knowledge, has the building(s), any portion thereof, been subject to a property condition survey during the last three (3) years to opine on the subject's physical condition? N/A

If "Yes", please provide a copy. Yes ☐ No ☐

E. SURROUNDING PROPERTIES

1. Has any adjoining properties been used for industrial purposes, or as a gasoline station, auto repair shop, junkyard, dry cleaner or landfill? If so, please explain. Yes ☐ No ☐ U/K ☐

2. Are you aware of any contamination conditions on adjoining or nearby properties? Yes ☐ No ☐ U/K ☐

3. Are you aware of any active or former waste treatment or disposal pits, ponds, or lagoons on adjacent or nearby sites? Yes ☐ No ☐ U/K ☐

F. ASBESTOS

1. Do you have knowledge of any materials or substances on the site that are known or suspected to contain asbestos? Yes ☐ No ☐ U/K ☐

   If so, what materials and where are they located?

2. Has an inspection for asbestos ever been performed on the Subject? Yes ☐ No ☐ U/K ☐

3. Has asbestos been removed from the Subject? Yes ☐ No ☐ U/K ☐

4. Does the building have:

   - Spray-on or troweled-on fireproofing, insulation or finishes? Yes ☐ No ☐ U/K ☐
   - Insulation on piping, boilers, tanks, chillers, or other mechanical equipment? Yes ☐ No ☐ U/K ☐
   - Transite used in cooling towers, exterior walls, ceilings fascia panels, etc? Yes ☐ No ☐ U/K ☐
   - Resilient floor tile? Yes ☐ No ☐ U/K ☐
   - Suspended acoustical ceiling tiles? Yes ☐ No ☐ U/K ☐
   - A built-up or rolled roofing system? Yes ☐ No ☐ U/K ☐

G. PCBs

1. Are there any on-site electrical transformers or electrical switchgear? Yes ☐ No ☐ U/K ☒
   If so, do they contain PCBs? Yes ☐ No ☐ U/K ☒

   Who owns the transformers and where are they located?

2. Did any on-site transformers formerly contain PCBs, but later had the dielectric fluid replaced? Yes ☐ No ☐ U/K ☒

4. Is there any hydraulic equipment such as elevators or automotive lifts on-site? Yes ☐ No ☐ U/K ☒

   If so, who services the equipment?

   Are you aware of any hydraulic fluid leaks in connection with the hydraulic equipment? Yes ☐ No ☐ U/K ☒

H. STORAGE TANKS

1. Are there any (active or inactive) Underground Storage Tanks ("UST") or Aboveground Storage Tanks ("AST") on the site? Yes ☐ No ☐ U/K ☒

   If so, please fill out the following schedule:

Active or Inactive Tanks

Location of Tank	Size of Tank (Gallons)	AST or UST	Tank Contents	Ag of Tank (Years)	Does the Tank Have Corrosion Protection? (Yes/No)	Does the Tank Have Leak Detection? (Yes/No)	Is the Tank In-Use? (Yes/No)

   Have any of the tanks been tightness tested? Yes ☐ No ☐ U/K ☒

2. Do you have any knowledge of tanks that were either removed or closed in-place at the site? Yes ☐ No ☐ U/K ☒

   If so, please fill out the following schedule:

Tanks Removed or Closed In-Place

Location of Former Tank	Size of Tank (Gallons)	AST or UST	Tank Contents	Tank Removal Company	Year Tank Was Removed

I. LEAD

1.	Are you aware of any lead-based paint ("LBP") applications on the site?	Yes ☐	No ☐	U/K ☒
2.	Has LBP testing been conducted?	Yes ☐	No ☐	U/K ☒
3.	Have there been any reported incidences of children with elevated blood lead levels residing at the site?	Yes ☐	No ☐	U/K ☒
4.	Are there any children younger than 7 years old residing at the site or frequenting the site on a daily basis?	Yes ☐	No ☐	U/K ☒
5.	Have any LBP abatements been conducted?	Yes ☐	No ☐	U/K ☒
6.	Has the water been tested for lead? If so, please provide a copy of the results	Yes ☐	No ☐	U/K ☒

J. HAZARDOUS MATERIALS

1.	Are hazardous materials or chemicals stored or used on-site?	Yes ☐	No ☐	U/K ☒
2.	Are there any hazardous or medical waste or fluids or used that employ an outside service for their periodic supply and removal?	Yes ☐	No ☐	U/K ☒

If so, please provide the name, address, & telephone number of the disposal company and the facility generating the waste.

K. INDOOR AIR QUALITY

1.	Have strong mold odors and/or mold straining been observed on-site?	Yes ☐	No ☐	U/K ☒
2.	Have there been any employee or tenant reports of symptoms consistent with mold contaminations or other indoor air quality concerns?	Yes ☐	No ☐	U/K ☒
3.	Are you aware of elevated radon gas concentrations on-site?	Yes ☐	No ☐	U/K ☒

L. AAI USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments"), the following information must be provided (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? Yes ☐ No ☐ U/K ☒

2. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? Yes ☐ No ☐ U/K ☒

3. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of chemicals and processes used by this type of business? Yes ☐ No ☐ U/K ☒

4. Does/Did the purchase price paid for this property reasonably reflect the fair market value of the property? Yes ☐ No ☐ U/K ☒

   If you conclude that there is a difference, have you considered whether the lower purchase price is because of contamination is known or believed to be present at the property? Yes ☐ No ☐ U/K ☒

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

   (a.) Do you know the past uses of the property? Yes ☐ No ☐ U/K ☒

   (b.) Do you know of specific chemicals that are present or once were present at the property? Yes ☐ No ☐ U/K ☒

   (c.) Do you know of spills or other chemical releases that have taken place at the property? Yes ☐ No ☐ U/K ☒

   (d.) Do you know of any environmental cleanups that have taken place at the property? Yes ☐ No ☐ U/K ☒

6. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? Yes ☐ No ☐ U/K ☒

Nichols Consulting Engineers, Chtd (NCE)

Document Request List

The following documents are being requested to assist NCE with the preparation of our Property Condition Assessment. Please provide the available documents to the NCE Project Manager prior to or during the site visit.

Plans, Specs and Miscellaneous Documents:

tenant

- Geotechnical/Soils Report
- As-Built Plans and Specifications
- Architect's Certificate of Substantial Completion

Warranty Documents:

- Roof System
- Sidewall Systems
- Plaza/Terrace Systems
- Parking Garage/Deck Coating Systems

n/a

Municipal Department Documents: n/a

- Certificate of Occupancy, Completion or Compliance
- Schedule of Building Code Violations
- Elevator, Boiler, Electrical, or other Inspection Certificate(s)

Promotional/Leasing Information:

- Copy of the Most Recent Appraisal
- Promotional Leasing Literature n/a
- Tenant SFR Schedule
- Schedule of Floor Area Measurements Gross, Usable and Rentable SF
- Location Map

tenant

Building Maintenance History:

- Tenant Complaint Log
- Names and Telephone Numbers of Service Firms:
  - Facade Repairs/Restoration
  - Roofing
  - Plumbing
  - Water Tower
  - Heating
  - Boiler Water Treatment
  - Air Conditioning
  - Cooling Tower
  - Electrical
  - Sprinkler/Standpipe System
  - Life/Safety Alarm System
  - Elevator

n/a

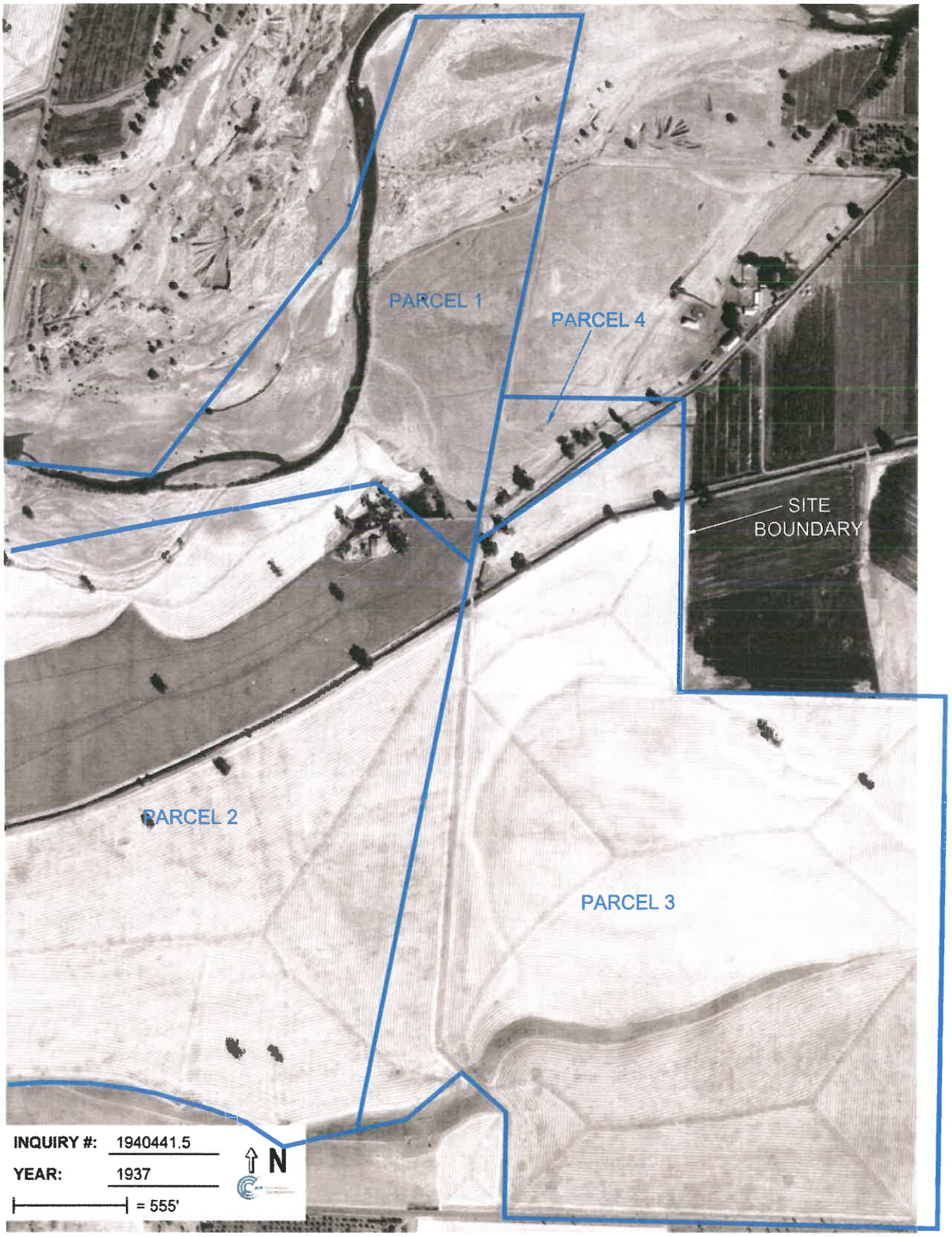
- HVAC System Operating Reports such as: Eddy Current, Oil Analysis and Vibration Analysis
- Schedule of Capital Expenditures for Previous Five (5) Years. 0

Miscellaneous Studies: n/a

- Roof Condition Survey
- Previously Prepared Replacement Reserve Studies
- ADA Survey & Compliance Report
- Sprinkler System/Standpipe Survey Prepared by Insurance Company

APPENDIX C

HISTORIC AERIAL PHOTOGRAPHS

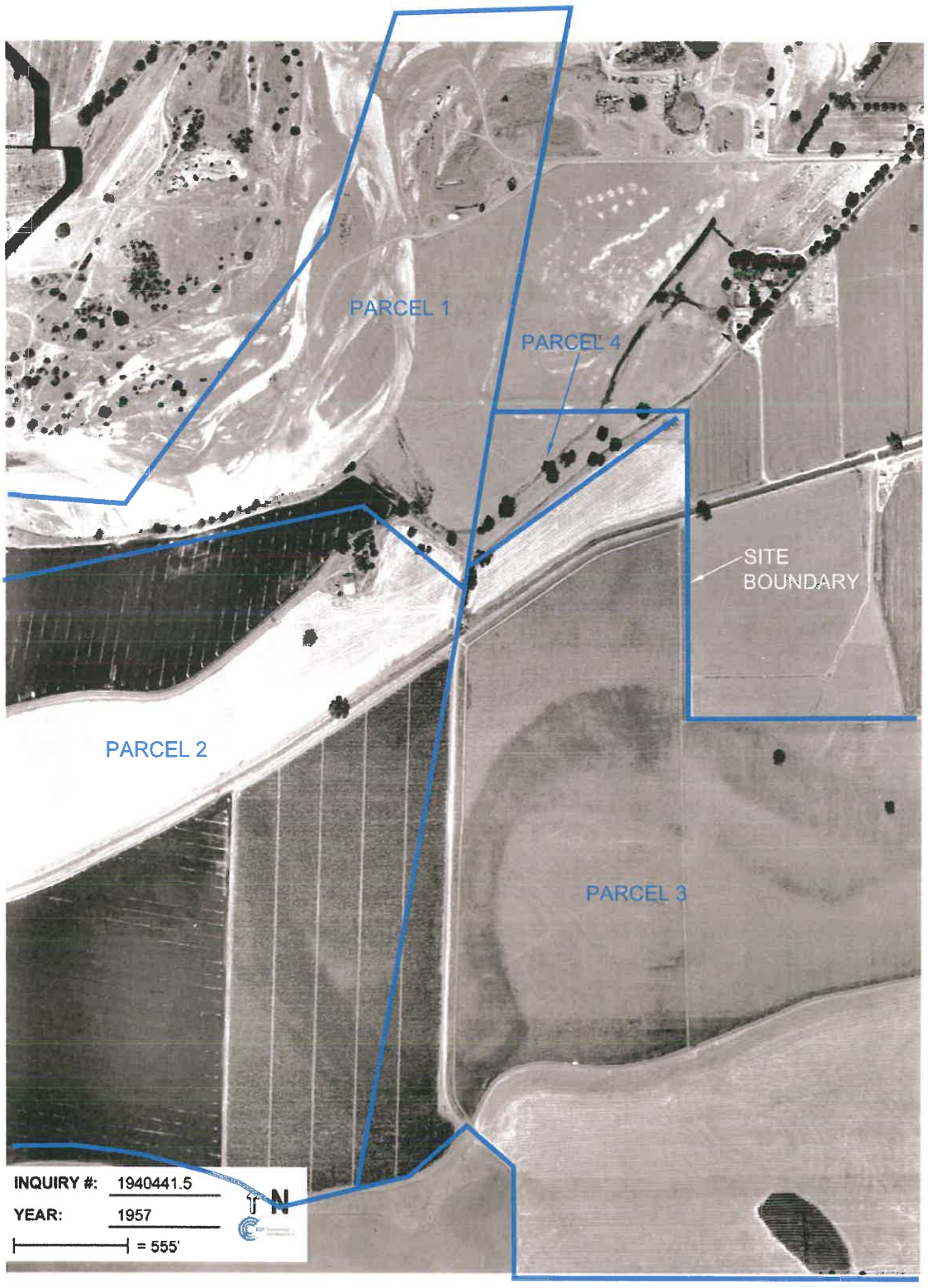


Nichols Consulting
Engineers, Chtd.
8795 Folsom Blvd., Suite 103
Sacramento, California 95826
(916) 388-5655

Aerial Photograph – 1937
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025–430–01, 025–430–02, 025–120–32 and 025–120–33
Yolo County, California

PLATE
C1

DRAWN	FILE NAME	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	39908351014.dwg	A399.08.35.1		6/07	



Nichols Consulting
Engineers, Chtd.
8795 Folsom Blvd., Suite 103
Sacramento, California 95826
(916) 388-5655

Aerial Photograph – 1957
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE
C2

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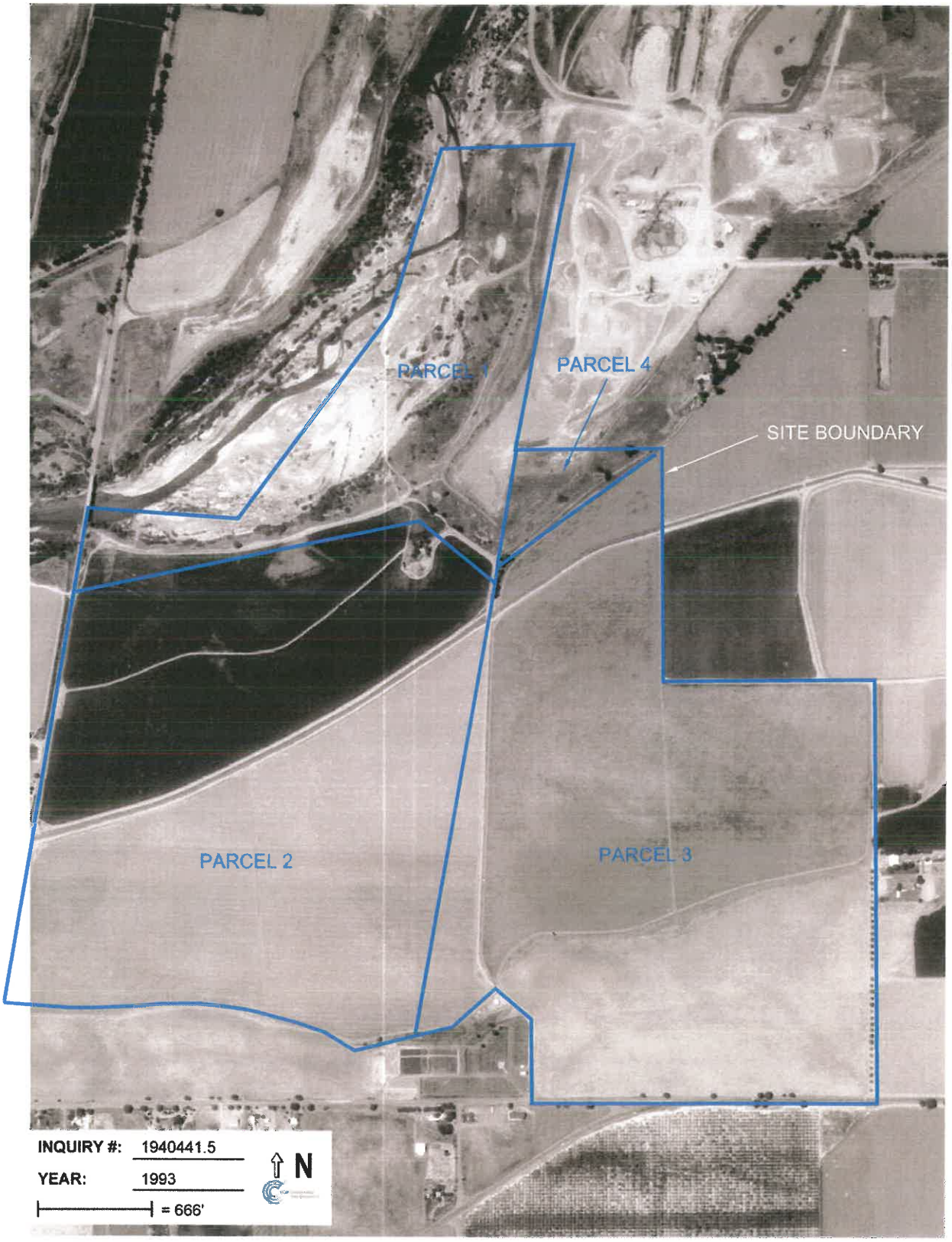


Nichols Consulting Engineers, Chtd.
8795 Folsom Blvd., Suite 103
Sacramento, California 95826
(916) 388-5655

Aerial Photograph – 1984
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE C3

DRAWN	FILE NAME	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	39908351012.dwg	A399.08.35.1		6/07	



Nichols Consulting Engineers, Chtd.
8795 Folsom Blvd., Suite 103
Sacramento, California 95826
(916) 388-5655

Aerial Photograph – 1993
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE **C4**

DRAWN	FILE NAME	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	39908351011.dwg	A399.08.35.1		6/07	



Nichols Consulting Engineers, Chtd.
8795 Folsom Blvd., Suite 103
Sacramento, California 95826
(916) 388-5655

Aerial Photograph – 1998
Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APN's 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Yolo County, California

PLATE **C5**

DRAWN	FILE NAME	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
YG	39908351010.dwg	A399.08.35.1		6/07	

APPENDIX D

HISTORIC TOPOGRAPHIC MAPS

EDR Historical Topographic Map Report

Shifler Property
Yolo County
WOODLAND, CA 95695

Inquiry Number: 1940441.4

May 30, 2007

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

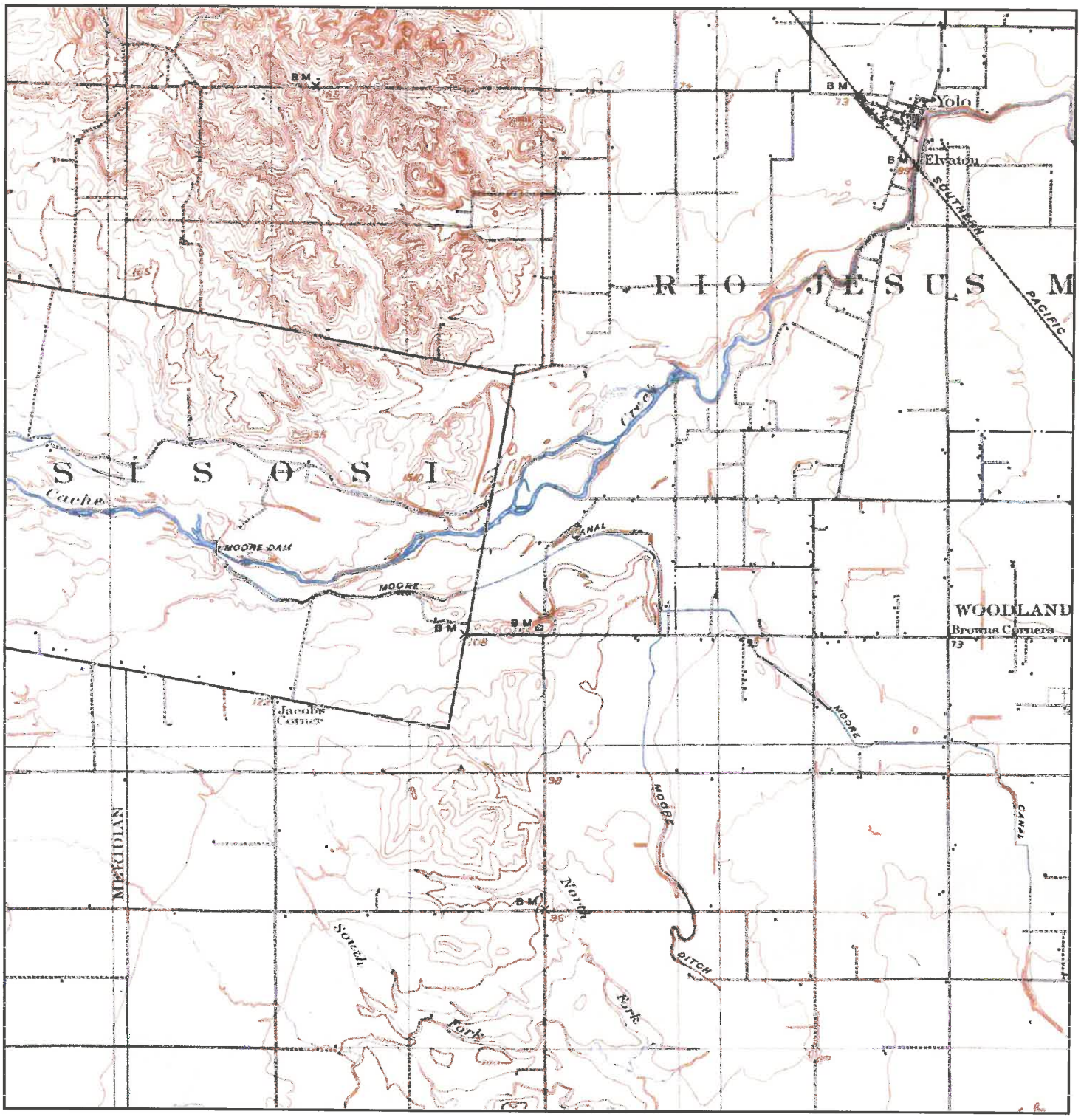
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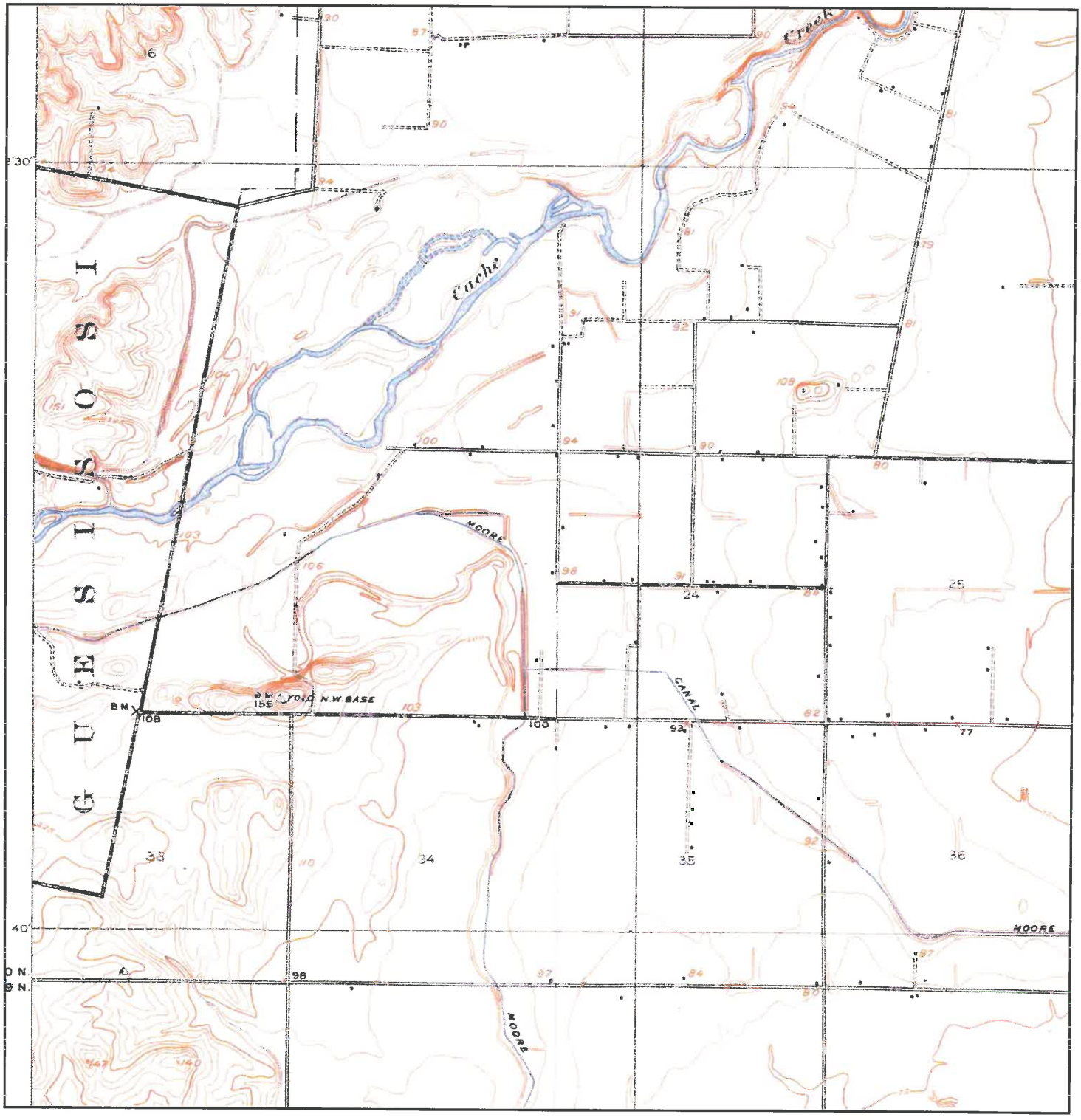
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Historical Topographic Map



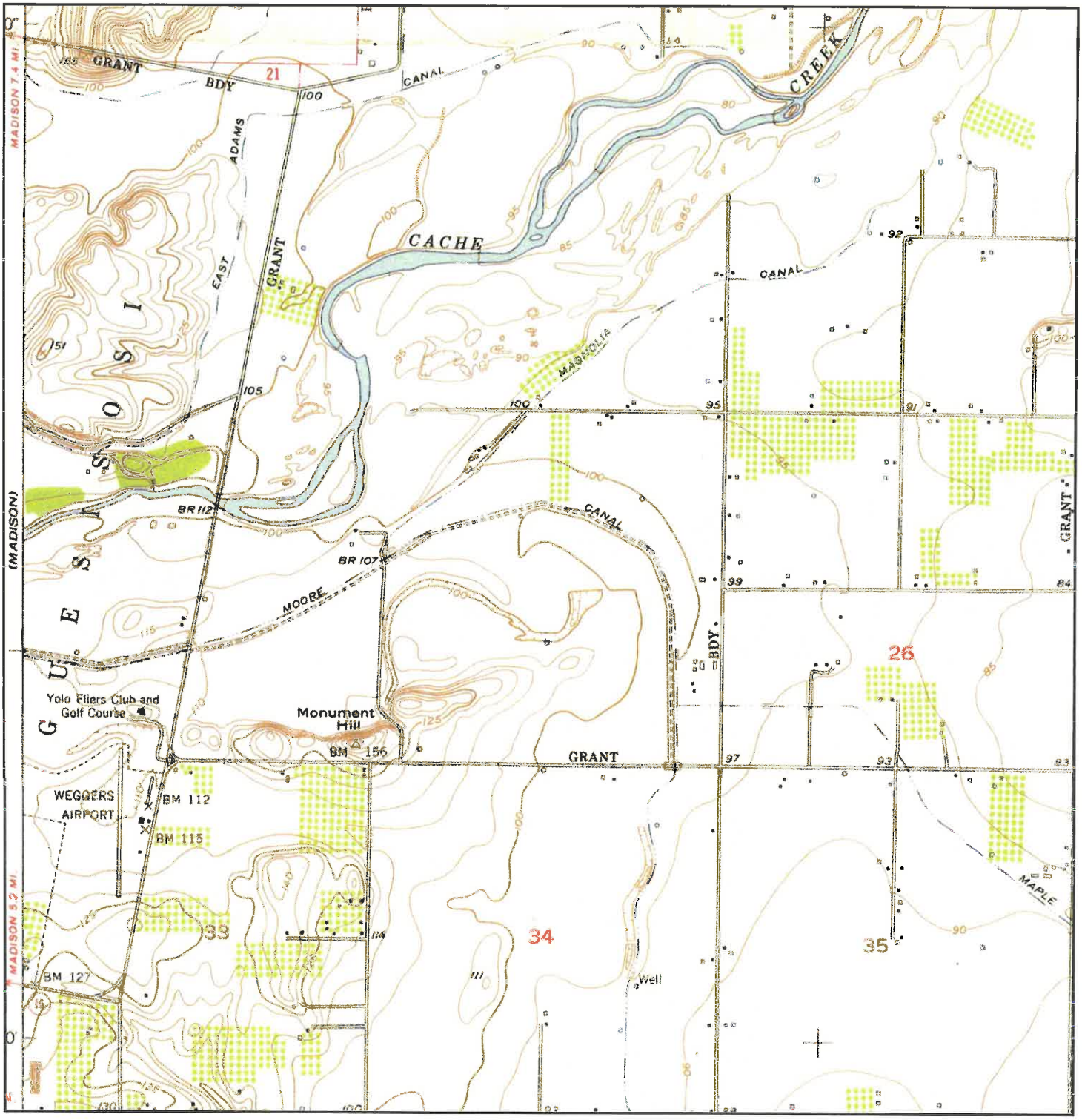
N	TARGET QUAD NAME: WOODLAND MAP YEAR: 1907 SERIES: 15 SCALE: 1:62500	SITE NAME: Shifler Property ADDRESS: Yolo County WOODLAND, CA 95695 LAT/LONG: 38.6872 / 121.8575	CLIENT: Nichols Consulting Eng.,Chtd. CONTACT: Frank Drewes INQUIRY#: 1940441.4 RESEARCH DATE: 05/30/2007

Historical Topographic Map



N	TARGET QUAD NAME: YOLO MAP YEAR: 1915 SERIES: 7.5 SCALE: 1:31680	SITE NAME: Shifler Property ADDRESS: Yolo County WOODLAND, CA 95695 LAT/LONG: 38.6872 / 121.8575	CLIENT: Nichols Consulting Eng.,Chtd. CONTACT: Frank Drewes INQUIRY#: 1940441.4 RESEARCH DATE: 05/30/2007

Historical Topographic Map



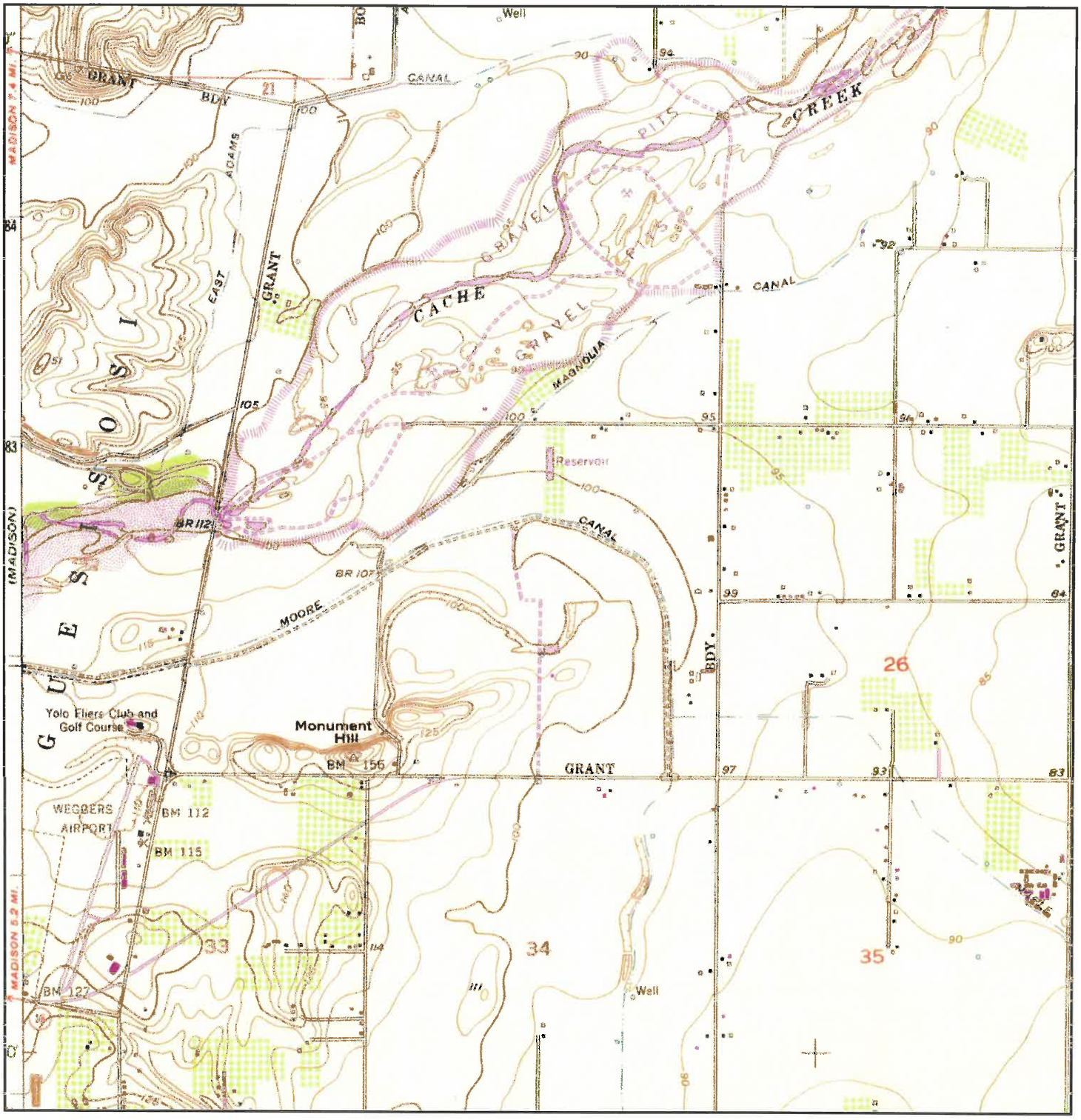
N	TARGET QUAD NAME: WOODLAND MAP YEAR: 1952 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Shifler Property ADDRESS: Yolo County WOODLAND, CA 95695 LAT/LONG: 38.6872 / 121.8575	CLIENT: Nichols Consulting Eng.,Chtd. CONTACT: Frank Drewes INQUIRY#: 1940441.4 RESEARCH DATE: 05/30/2007

Historical Topographic Map



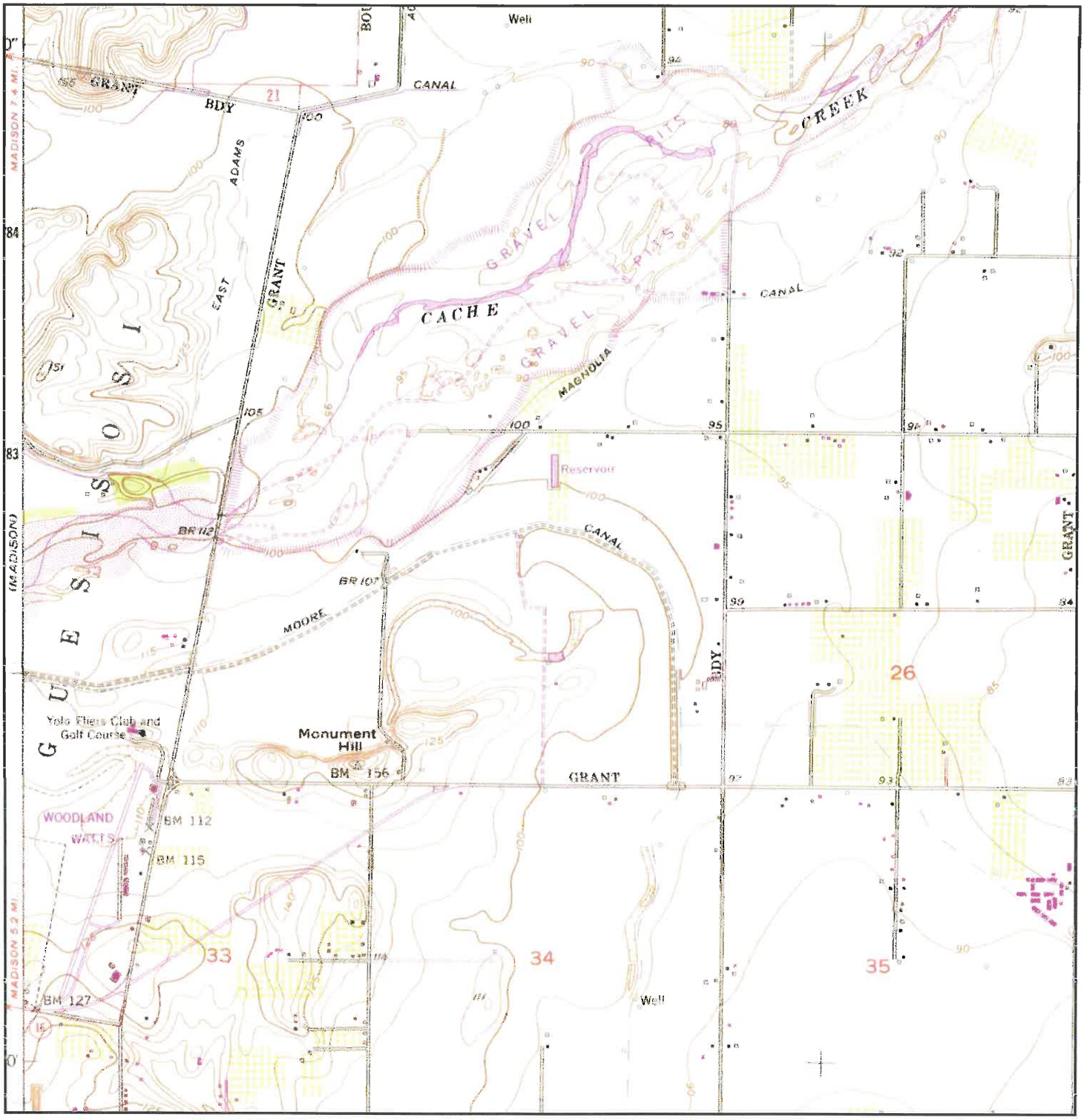
N	TARGET QUAD NAME: WOODLAND MAP YEAR: 1953 SERIES: 15 SCALE: 1:62500	SITE NAME: Shifler Property ADDRESS: Yolo County WOODLAND, CA 95695 LAT/LONG: 38.6872 / 121.8575	CLIENT: Nichols Consulting Eng.,Chtd. CONTACT: Frank Drewes INQUIRY#: 1940441.4 RESEARCH DATE: 05/30/2007

Historical Topographic Map



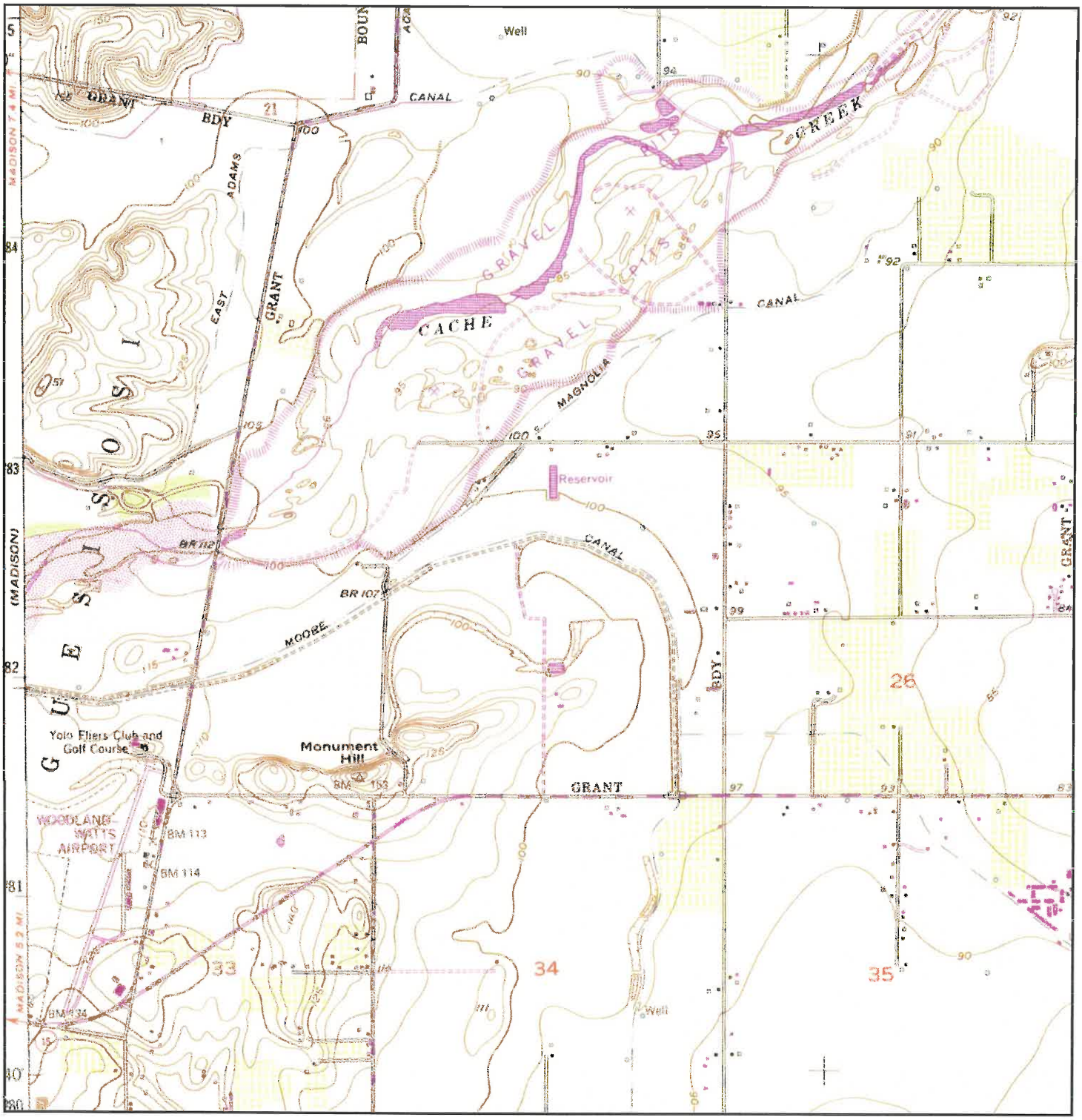
N			
	TARGET QUAD NAME: WOODLAND MAP YEAR: 1968 PHOTOREVISED FROM:1952 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Shifler Property ADDRESS: Yolo County WOODLAND, CA 95695 LAT/LONG: 38.6872 / 121.8575	CLIENT: Nichols Consulting Eng.,Chtd. CONTACT: Frank Drewes INQUIRY#: 1940441.4 RESEARCH DATE: 05/30/2007

Historical Topographic Map



N	TARGET QUAD NAME: WOODLAND MAP YEAR: 1975 PHOTOREVISED FROM:1952 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Shifler Property ADDRESS: Yolo County WOODLAND, CA 95695 LAT/LONG: 38.6872 / 121.8575	CLIENT: Nichols Consulting Eng.,Chtd. CONTACT: Frank Drewes INQUIRY#: 1940441.4 RESEARCH DATE: 05/30/2007

Historical Topographic Map



N	TARGET QUAD NAME: WOODLAND MAP YEAR: 1981 PHOTOREVISED FROM:1952 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Shifler Property ADDRESS: Yolo County WOODLAND, CA 95695 LAT/LONG: 38.6872 / 121.8575	CLIENT: Nichols Consulting Eng.,Chtd. CONTACT: Frank Drewes INQUIRY#: 1940441.4 RESEARCH DATE: 05/30/2007

APPENDIX E

JR ASSOCIATES – GEOPHYSICAL INVESTIGATION

J R ASSOCIATES

Engineering Geophysics
1886 Emory Street
San Jose, CA 95126
(408) 293-7390

GEOPHYSICAL INVESTIGATION AT THE NCE SITE
COUNTY ROAD 94B
YOLO COUNTY, CALIFORNIA

August 06, 2007

For

Nichols Consulting Engineers
8795 Folsom Boulevard
Sacramento, CA 95826

By

James Rezowalli, GP-921

J R ASSOCIATES

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A. Site 1

II METHODS 2

A. Magnetic Instrumentation 2
B. Magnetic Field Procedures 2

III RESULTS 3

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B. Limitations 4

IV DRAWINGS

LIST OF ILLUSTRATIONS

Drawing 1 Vicinity Map

Drawing 2 Site Map

Drawing 3 Magnetic Contour Map

I INTRODUCTION

This report presents the results of a geophysical investigation performed at a small site off County Road 94B in Yolo County, California. The investigation was performed for Nichols Consulting Engineers by J R Associates. The purpose of the investigation was to look for geophysical indications of buried metal fuel storage tanks, old wells and buried metal debris. James Rezowalli, Principal Geophysicist, and Brian Rezowalli, Technician, of J R Associates performed the field work in August 2007.

A. Site

The site consists of an empty dirt patch between two and three acres in size. It is located approximately 0.4 miles east of County Road 94b and approximately 1.2 miles north of Highway 16 (Drawing 1). Farm fields bound the south side of the site and a conveyor belt used by a quarry bounds the north side. Nichols had information indicating that farm buildings once occupied the site. There was a small pile of debris and an abandoned well head near the center of the area. Farm buildings occasionally have fuel storage tanks, wells, buried items or debris that can be a concern. The purpose of our investigation was to look for geophysical evidence of metal fuel tanks, wells and debris that might be buried at the site.

II METHODS

We performed a magnetic investigation on the property. A magnetic investigation maps the vertical magnetic gradient. The magnetic gradient is uniform throughout a site free of metal. The magnetic gradient at a site that contains ferrous metal is not uniform. Metal objects produce magnetic anomalies with characteristic shapes and magnitudes. For example, an anomaly caused by a buried fuel storage tank is characterized by a strong magnetic low just south of the center of the tank and a weaker magnetic high just north of the tank. This type of anomaly is what we use to locate buried fuel storage tanks

A. Magnetic Instrumentation

We used a Geometrics model 856 magnetometer to collect magnetic data at the site. The magnetometer had two sensors and an electronics package. The magnetometer collected both total field data and vertical gradient data. The magnetometer can discriminate to 0.1 gammas in a total field of 40,000 to 60,000 gammas. Magnetic readings were stored in memory with the time of day, station numbers and line numbers of the readings. The data were downloaded to a computer and contoured.

B. Magnetic Field Procedures

Magnetic data were collected in open accessible areas of the site (Drawing 2). Magnetic data were collected on ten-foot centers along lines spaced 10 feet apart. A magnetic data point is shown by a plus sign on Drawings 2 and 3. At the end of the field day, the magnetic data were downloaded and contoured. An anomaly is indicated by one or more concentric magnetic contours.

III RESULTS

A. Magnetic Data

Drawing 3 shows the contour map of the magnetic data. There were several magnetic anomalies at the site. Some anomalies were caused by surface metal. The surface metal included a wire fence, metal discarded in the debris pile, the abandoned well head, and two small culverts. There were five anomalies indicative of buried metal. They are labeled A1 through A5 on Drawing 3 and were marked in the field with wooden stakes. Anomalies A1, A2, and A3 are indicative of small pieces of metal. In most cases anomalies of this size and magnitude are caused by remnants of the buildings such as short sections of water pipe or small pieces of concrete with rebar. They also can indicate a small fuel tank or a couple of barrels. Anomaly A4 is indicative of a buried well. Anomaly A5 is weak and dispersed. Old farm buildings often have septic tanks. Although septic tanks without metal will not show up on a magnetic survey, metal objects that get buried with a septic tank sometimes can. Anomaly A5 indicates something, although too small to be the tank, was buried in that area. We recommend potholing the anomalies to determine their cause.

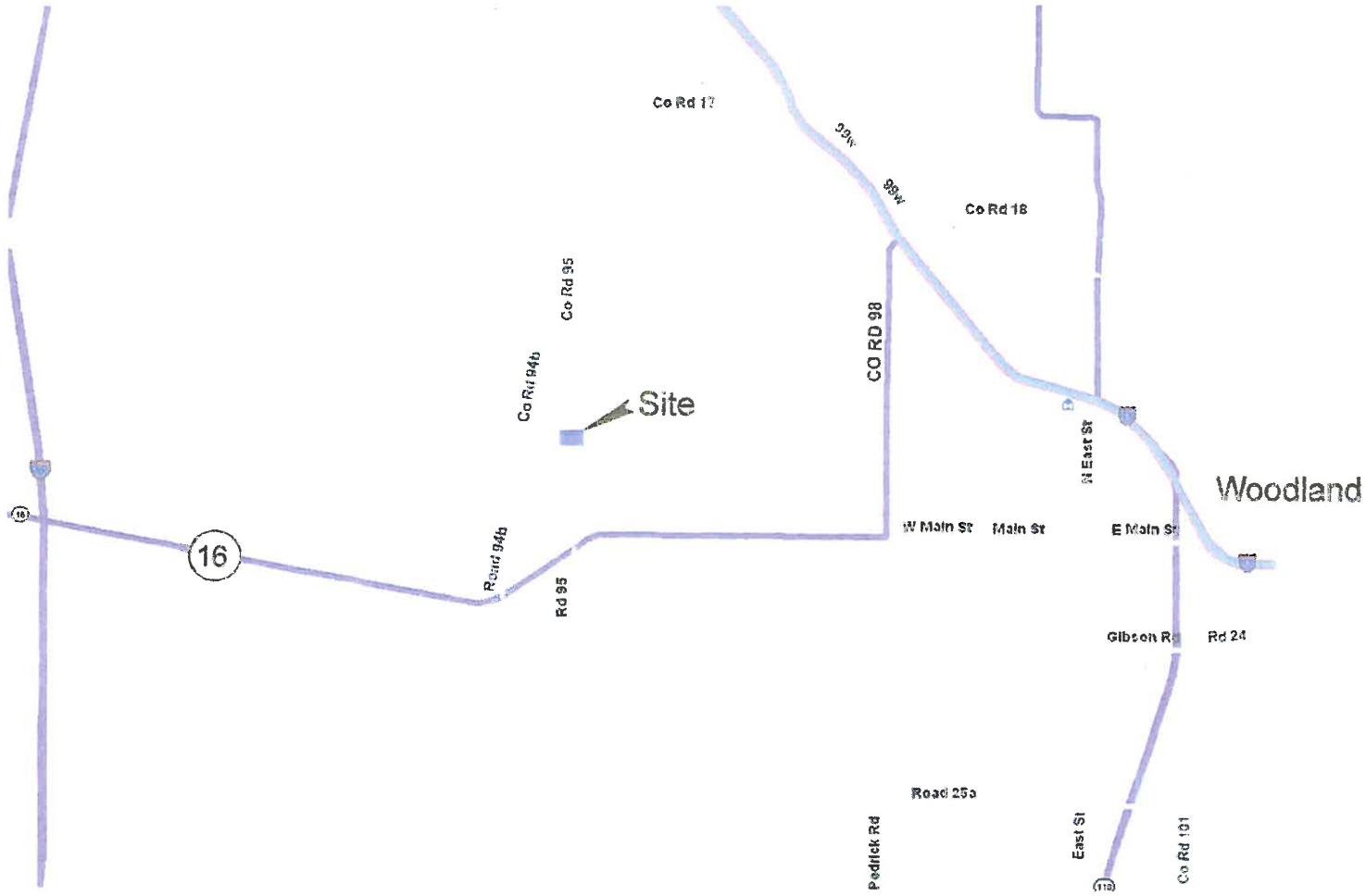
Radar scans were collected over each of the five magnetic anomalies indicative of buried metal. The radar scans were inconclusive. The soil contained too much clay for the radar to penetrate.

B. Limitations

Magnetic methods locate ferrous objects from the anomalies they produce in the earth's magnetic field. It is possible some ferrous objects will not produce an anomaly. Some possible reasons are that the object is buried too deep, the object is too small, the object is buried under or near another ferrous object or an object is buried near a utility. It is possible there are materials buried at the site that were not detected by the magnetometer. We recommend rerunning the investigation after the building is demolished and the drums have been removed.

J R ASSOCIATES

IV DRAWINGS

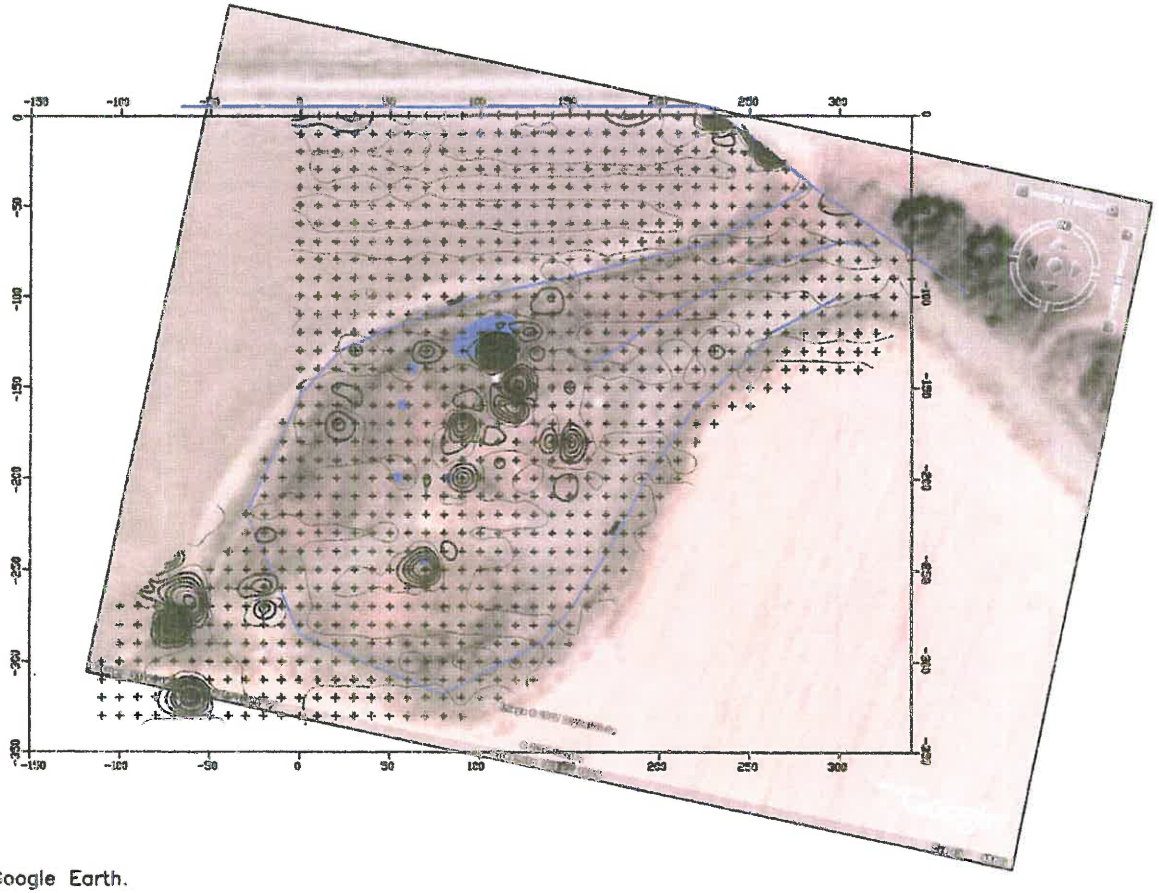


Vicinity Map- NCE Site
County Road 94B
Yolo County, California

SCALE: No Scale			DRAWN BY: J.J.R.
DATE: 8-06-2007	JOB NUMBER:	128-247-07	REVISED:

J R ASSOCIATES Civil and Environmental Geophysics
1886 Emory Street, San Jose, CA (408) 293-7390

DRAWING NUMBER: 1



Note: Air photo from Google Earth.

EXPLANATION:

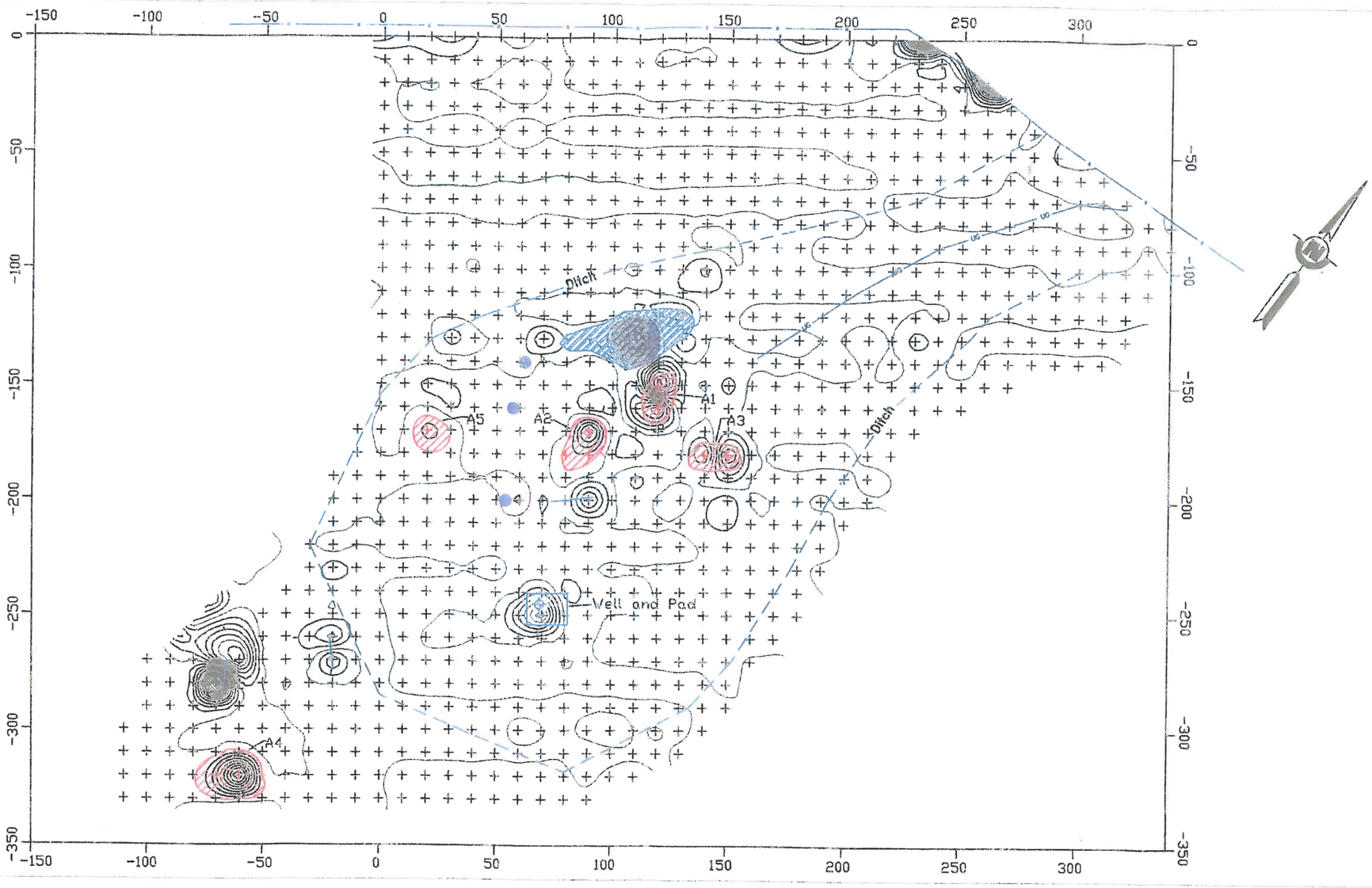
\+ Magnetic Data Point

Site Map- NCE Site
County Road 94B
Yolo County, California

SCALE: 1" = 100'		DRAWN BY: J.J.R.
DATE: 8-06-2007	JOB NUMBER: 128-247-07	REVISED:

J R Associates Civil and Environmental Geophysics
1886 Emory Street, San Jose, CA (408) 293-7390

DRAWING NUMBER: 2



EXPLANATION:

- WATER DITCH
- UC — BURIED PIPE
- x — FENCE
- MAGNETIC ANOMALY INDICATIVE OF BURIED METAL
- SURFACE METAL

NOTE: THIS DRAWING SHOWS THE APPROXIMATE LOCATIONS OF UTILITIES FOUND DURING OUR INVESTIGATION. THERE MAY BE ADDITIONAL UTILITIES AND PIPES THAT WERE NOT DETECTED DURING OUR INVESTIGATION AND ARE NOT SHOWN ON THIS DRAWING.

Magnetic Contour Map- NCE Site
County Road 94B
Yolo County, California

SCALE: 1" = 50'		DRAWN BY: J.J.R.
DATE: 8-06-2007	JOB NUMBER: 128-247-07	REVISED.

J R Associates Civil and Environmental Geophysics
1886 Emory Street, San Jose, CA (408) 293-7390

DRAWING NUMBER: 3

APPENDIX F

LOGS OF TEST PITS

BY KS DATE 9-1-07 CLIENT Talbot SHEET NO ... OF ...

CHKD BY ... DATE ... PROJECT NO ...

PROJECT Shilo



TEST PIT
SHILOH PROPERTY
NEAR ARMSTRONG, B.C.

A GRAY BROWN SANDY SILT (ML)
MEDIUM DENSE (FILL)

B DEBRIS AND ROOTS
TOP SOIL 300 mm
BOTTOM OF TEST PIT 3.0 m
SEEPAGE AT 2.5 m
PREVIOUS TEST PIT 3.0 m
BEDROCK @ 3.0 m

C YELLOW BROWN SANDY SILT TILL
MED STIFF, MOIST

NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED ...

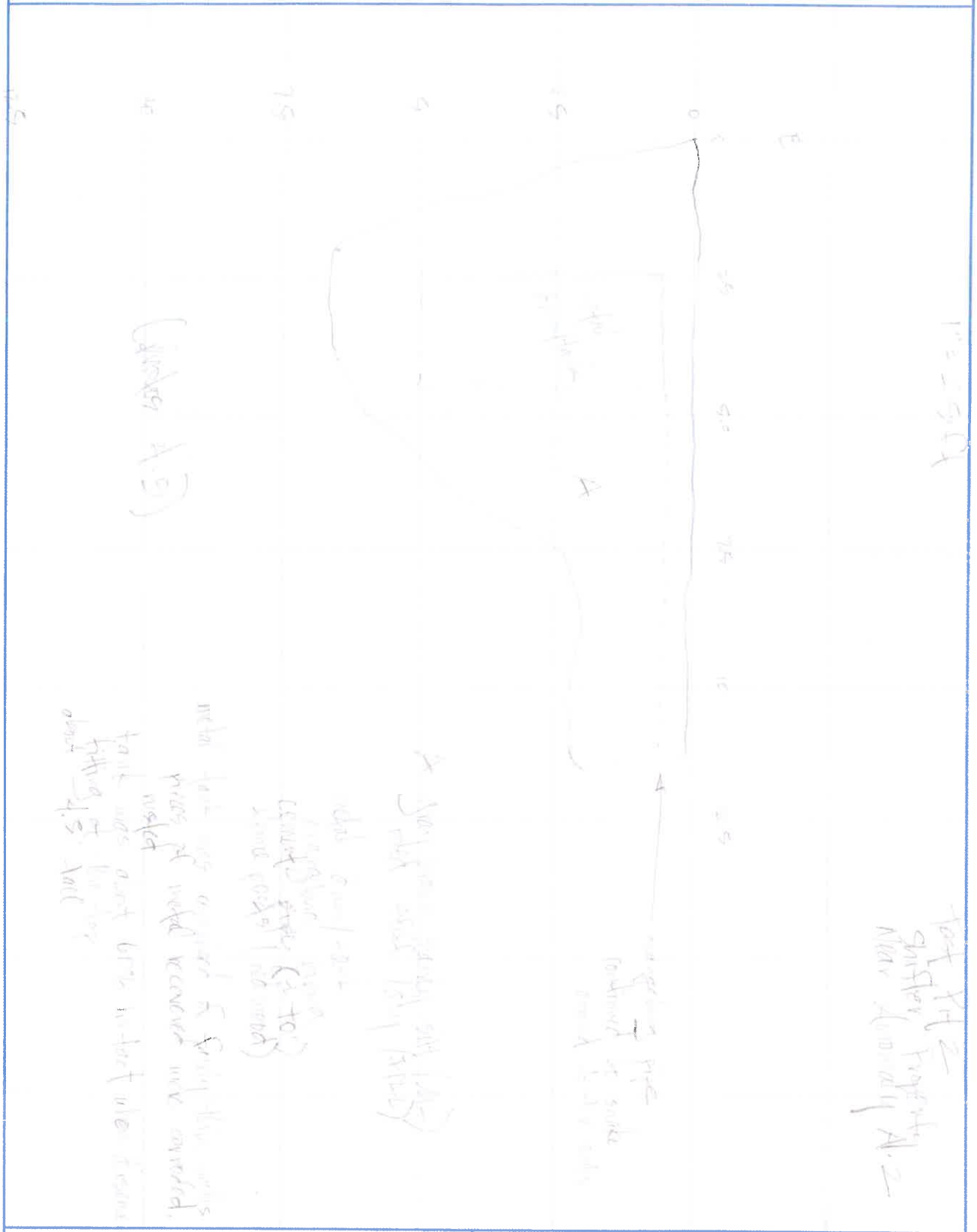
REC. NO. ...

SHEET NO.

BY CS DATE 2-2-21 CLIENT Technical SHEET NO. ... OF ...

CHKD. BY ... DATE ... PROJECT NO. ...

PROJECT Site



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED ...

REC. NO. ...

SHEET NO.

BY KS DATE 8-2-07 CLIENT Tschol SHEET NO. OF

CHKD BY DATE PROJECT NO.

PROJECT



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED

REC. NO.

SHEET NO.

BY JS DATE 2-4-97 CLIENT Tribal SHEET NO. ... OF ...

CHKD BY ... DATE ... PROJECT NO ...

PROJECT Shilo



BY KS DATE 8-4-07 CLIENT Tenant SHEET NO. ... OF ...

CHKD. BY ... DATE ... PROJECT NO. ...

PROJECT Shilo



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED ...

REC. NO. ...

SHEET NO.

BY ..... DATE ..... CLIENT .....

CHKD. BY ..... DATE .....

PROJECT .....

SHEET NO. ..... OF .....

PROJECT NO. .....



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED .....

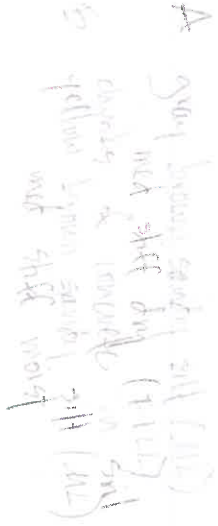
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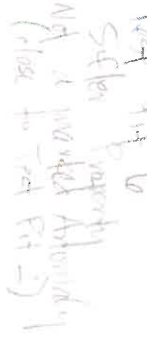
SHEET NO.

BY ..... DATE ..... CLIENT ..... SHEET NO. ..... OF .....

CHKD BY ..... DATE ..... PROJECT NO. .....

PROJECT .....





NICHOLS CONSULTING ENGINEERS, CHTD.

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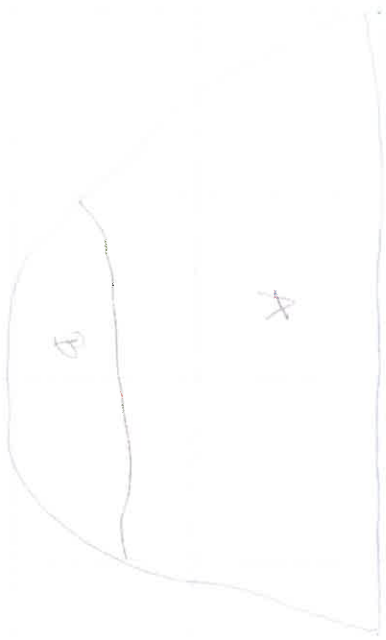
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BY ..... DATE ..... CLIENT ..... SHEET NO. ..... OF .....

CHKD. BY ..... DATE ..... PROJECT NO. .....

PROJECT .....



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED .....

REC. NO. .....

SHEET NO.

BY KS DATE 8-1-07 CLIENT Tachart SHEET NO ... OF ...

CHKD BY ... DATE ... PROJECT NO ...

PROJECT Shelter



BY ..... DATE ..... CLIENT .....

CHKD. BY ..... DATE .....

PROJECT .....

SHEET NO. ..... OF .....

PROJECT NO. .....



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED .....

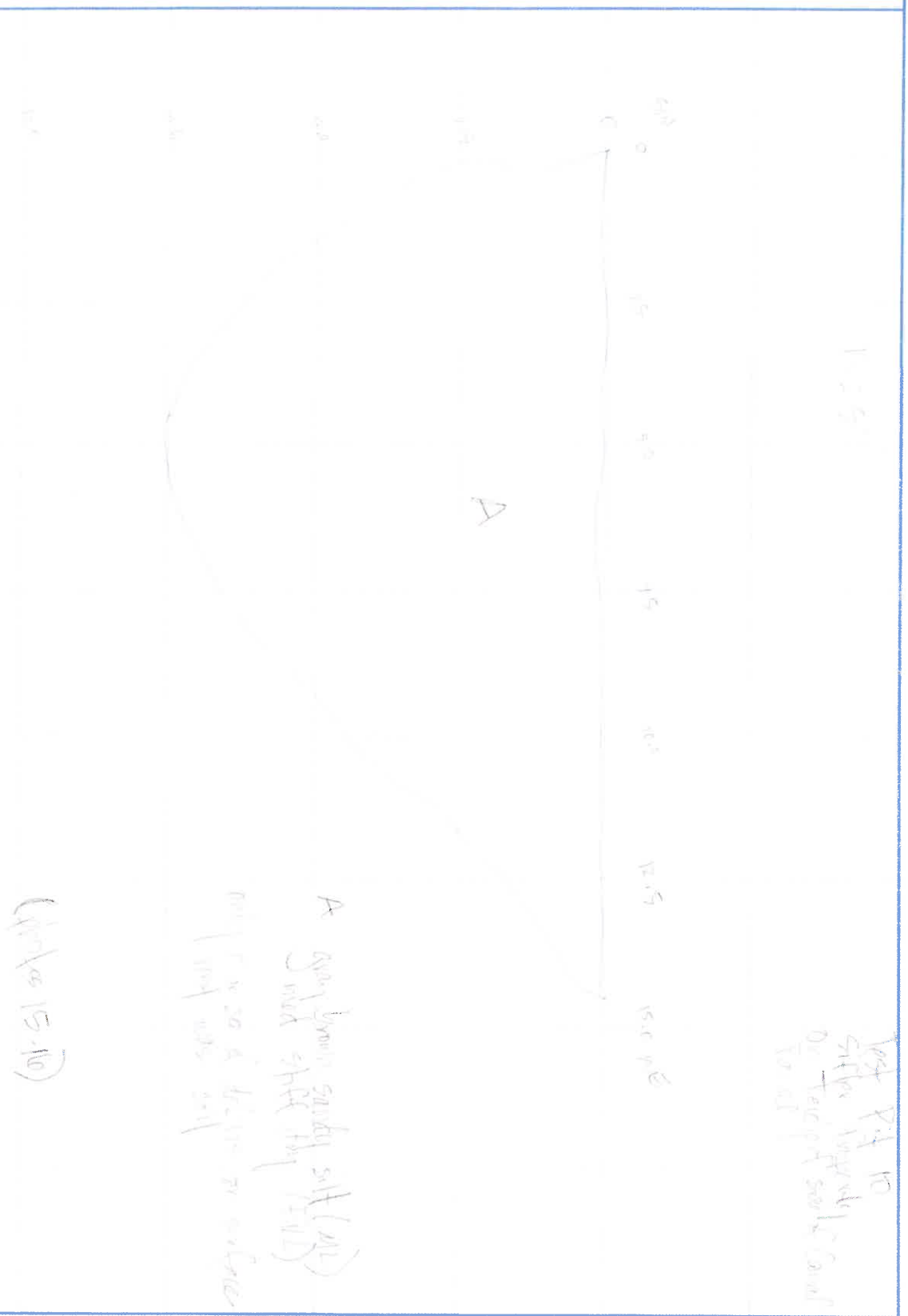
REC. NO. .....

SHEET NO.

BY KS DATE 3-3-07 CLIENT Tarheel SHEET NO. ... OF ...

CHKD BY ... DATE ... PROJECT NO. ...

PROJECT Elba



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED ...

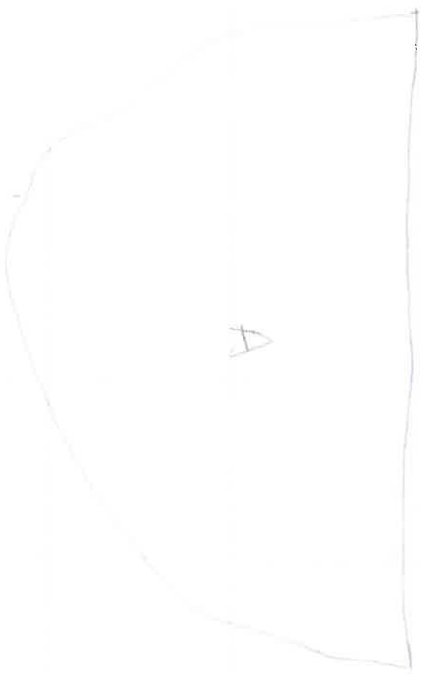
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SHEET NO.

BY ..... DATE ..... CLIENT ..... SHEET NO. ..... OF .....

CHKD BY ..... DATE ..... PROJECT NO. .....

PROJECT .....



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED .....

REC. NO. .....

SHEET NO.

BY KG DATE 8-7-02 CLIENT Fortune SHEET NO. ... OF ...

CHKD BY ... DATE ... PROJECT NO. ...

PROJECT Taylor



BY ES DATE 8/30 CLIENT Tenant SHEET NO. ... OF ...

CHKD BY ... DATE ... PROJECT NO. ...

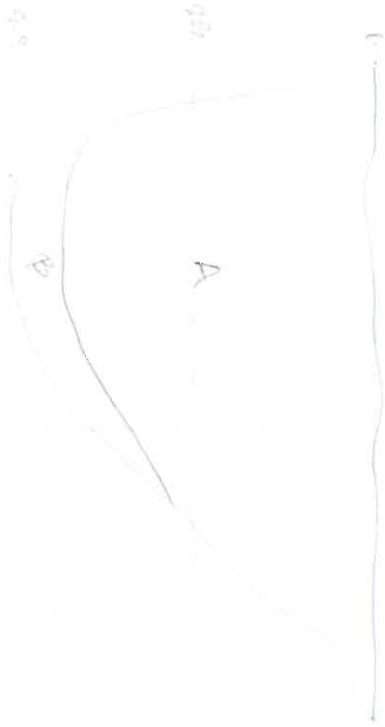
PROJECT Shell



BY KS DATE 9-7-07 CLIENT Tarbert SHEET NO. ... OF ...

CHKD. BY ... DATE ... PROJECT NO. ...

PROJECT Shirley



NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED ...

REC. NO. ...

SHEET NO.

BY JS DATE 2-2-07 CLIENT Talbot SHEET NO. ... OF ...

CHKD BY ... DATE ... PROJECT NO. ...

PROJECT Shelter

BY KS DATE 8-2-22 CLIENT Jacket SHEET NO. ..... OF .....

CHKD BY ..... DATE ..... PROJECT NO. .....

PROJECT Letter

NICHOLS CONSULTING ENGINEERS, CHTD.

SIGNED .....

REC. NO. .....

SHEET NO.

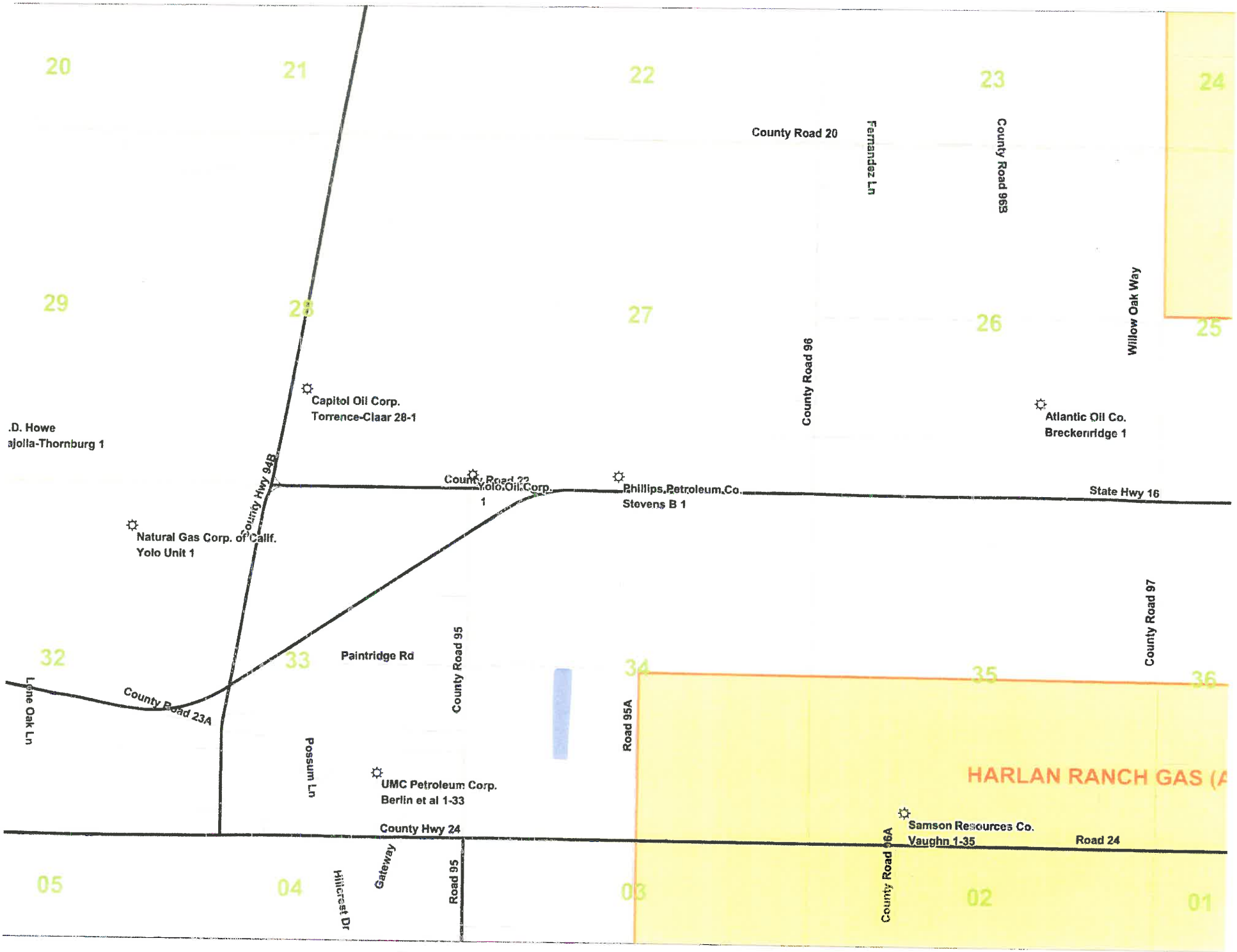
BY ... DATE 3-1-02 CLIENT Tenbar SHEET NO. ... OF ...

CHKD BY ... DATE ... PROJECT NO ...

PROJECT Shilo

APPENDIX G

DIVISION OF OIL AND GAS WELL LOGS


20
21
22
23
24
29
28
27
26
25
32
33
34
35
36
05
04
03
02
01
County Road 20
Fernandez Ln
County Road 963
Willow Oak Way
County Road 96
Capitol Oil Corp.
Torrence-Claar 28-1
.D. Howe
ajolla-Thornburg 1
Atlantic Oil Co.
Breckenridge 1
County Hwy 94B
County Road 22
Yolo Oil Corp.
1
Phillips Petroleum Co.
Stevens B 1
State Hwy 16
Natural Gas Corp. of Calif.
Yolo Unit 1
County Road 97
Paintridge Rd
County Road 95
Lone Oak Ln
County Road 23A
Possum Ln
Road 95A
UMC Petroleum Corp.
Berlin et al 1-33
HARLAN RANCH GAS (A
County Hwy 24
Samson Resources Co.
Vaughn 1-35
Road 24
Gateway
Hillcrest Dr
Road 95
County Road 96A

RECEIVED
DIVISION OF OIL AND GAS
1986

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 113-20837

WELL SUMMARY REPORT

WASHINGTON CALIFORNIA

Operator	Well				
Phillips Petroleum Company	Stevens B #1				
Field	County	Sec.	T.	R.	B.&M.
	Yolo	27	10N	1E	MD

Location (Give surface location from property or section corner, street center line and or California coordinates)
2301' E and 190' N of SW corner of section

Elevation of ground above sea level
104'

Commenced drilling (date)
11-1-85

Completed drilling (date)
11-10-85

Commenced producing (date)
Never produced

☐ Flowing ☐ Pumping
☐ Gas lift

Name of producing zone(s)
None

Total depth

(1st hole)	(2nd)	(3rd)
6000'		

Present effective depth
P & A

Junk
None

Depth measurements taken from top of:
☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing
Which is 12 foot above ground

GEOLOGICAL MARKERS	DEPTH
Starkey	3410'
Winters "I"	4683'
Winters (Main)	4720'

Formation and age at total depth
Cretaceous Sacramento Shale

	Clean Oil bbl per day	Gravity Clean Oil	Percent Water including emulsion	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Production						
Production After 30 days						

CASING RECORD (Present Hole)

Size of Casing (API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New or Second Hand	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)
13 3/8	surface	52'		conductor	new	24"	5 yds.	
9 5/8	surface	1023'	36#	K-55, 8rd, ST&C	new	12 1/4"	620 cu. ft.	

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)
none

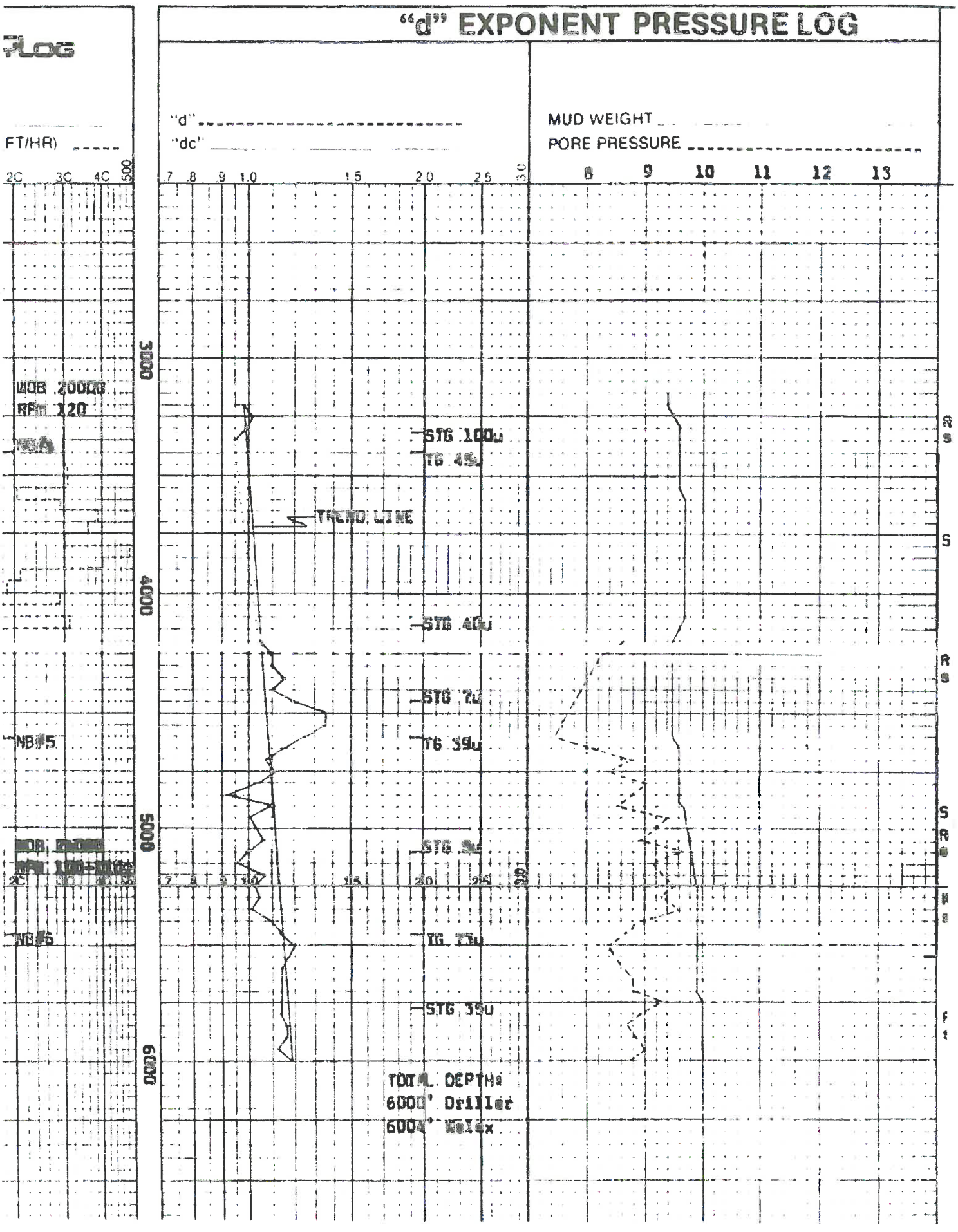
Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☒ No

Electrical log depths
1024' - 6002'

Other surveys
CDL/DSN 1024'-5994', dipmeter 1024'-5766', AVL 1024'-6002'

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Name	Title	
B. J. Morris	Engineer	
Address	City	Zip Code
1306 Santa Barbara St.	Santa Barbara, CA	93101
Telephone Number	Signature	Date
(805) 963-9761	B. J. Morris	January 24, 1986


"d" EXPONENT PRESSURE LOG
"d"
"dc"
MUD WEIGHT
PORE PRESSURE
FT/HR)
2C 3C 4C 500
7 8 9 1.0 1.5 2.0 2.5 3.0
8 9 10 11 12 13
3000
4000
5000
6000
WOB 20000
RPM 120
NB #5
STG 100u
TG 45u
TREND LINE
STG 40u
STG 7u
TG 39u
STG 3u
TG 73u
STG 39u
TOTAL DEPTH:
6000' Driller
6004' Wolex

DIVISION OF OIL AND GAS

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Phillips Pet Co. Well No. "Stevens" 1

API No. 113-12063 Sec. 27, T. 10N, R. 1E, MD B.&M.

County Yolo Field —

RECORDS RECEIVED	DATE
Well Summary (Form OG100)	
History (Form OG103)	
Core Record (Form OG101)	
Directional Survey	
Sidewall Samples	
Other	
Date final records received	
Electric logs: DAC 5" 2/3/86	
✓ 2" ✓	
FDC/CNL 5" ✓	
✓ 2" ✓	
Dip 2" ✓	
Sonic 2" ✓	
✓ 5" ✓	

STATUS		STATUS	
Producing - Oil	___	Water Disposal	___
Idle - Oil	___	Waterflood	___
Abandoned - Oil	___	Steamflood	___
Drilling - Idle	___	Fire Flood	___
Abandoned - Dry Hole	___	Air Injection	___
Producing - Gas	___	Gas Injection	___
Idle - Gas	___	CO_2 Injection	___
Abandoned - Gas	___	LPG Injection	___
Gas-Open to Oil Zone	___	Observation	___
Waterflood Source	___		

DATE _____ "E" well Yes ☐ No ☐

RECOMPLETED _____

REMARKS _____

ENGINEER'S CHECK LIST Mud 2/3/86 D-Exp 2/3/86

1. Summary, History, & Core record (dupl.) ✓
2. Electric Log ✓
3. Operator's Name ✓
4. Signature ✓
5. Well Designation ✓
6. Location ✓
7. Elevation ✓
8. Notices ✓
9. "T" Reports ✓
10. Casing Record ✓
11. Plugs ✓
12. Surface Inspection ✓
13. Production ✓
14. E Well on Prod. Dir. Sur. ✓

CLERICAL CHECK LIST

1. Location change ___ (F-OGD165) ___
2. Elevation change ✓ (F-OGD165) ___
3. Form OGD121 ✓
4. Form OG159 (Final Letter) ___
5. Form OGD150b (Release of Bond) ___
6. Duplicate logs to archives ___
7. Notice of Records due (F-OGD170) ___
8. EDP (F-OGD42A-1, 2) ___

12-10 85

RECORDS NOT APPROVED RT 2/24/86

Reason: Need:

- (2) Well Summaries } OK RT 3/12/86
- (2) Well Histories }

RECORDS APPROVED _____

RELEASE BOND _____

Date Eligible _____

(Use date last needed records were received.)

MAP AND MAP BOOK ✓ 616

RT 12/16/85

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Woodland, California

March 25, 1986

H. L. Patterson, Jr., Agent
PHILLIPS PETROLEUM CO.
1306 Santa Barbara St.
Santa Barbara, CA 93101

Your report of abandonment of well "Stevens B" 1
(Name and number)
A.P.I. No. 113-20837, Section 27, T. 10N, R. 1E, M.D. B. & M.,
--, field, Yolo County,
dated 12/12/85, received 2/3/86, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

Environmental inpsection made and aproved 12/10/85.

ST:cm
Blanket Bond

M. G. MEFFERD
State Oil and Gas Supervisor

By John C. Sullivan
District Superintendent

John C. Sullivan

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator Phillips Petroleum Company Field ..... County Yolo
Well Stevens B #1, Sec. 27, T 10N, R 1E, MD B. & M.
A.P.I. No. 113-20837 Name B. J. Morris (Person submitting report) Title Engineer (President, Secretary or Agent)
Date January 24, 19 86

Signature B. J. Morris

1306 Santa Barbara St., Santa Barbara, CA 93101 (Address) (805) 963-9761 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date	
11/2/85	MIRU Hexadyne Drilling, Rig 1, spud in at 2:00 p.m., 11-1-85 Drill 12 1/4" hole Circ (peagravel) Trip (unplug bit) Drill 12 1/4" hole to 811' (MW 9.6, VISC 48) Survey at 526' 0° 30'
11/3/85	Drill 12 1/4" hole to 1023', Circ. Short trip (measure out, no chg), hole tight 1023-550'. Circ, Short trip (no problems) Circ POOH. RU & run 26 jts 9 5/8" 36# K5S csg. shoe at 1023', FC at 940'. Cmt with 500 cu ft of slurry consisting of class "G" with 1:1 perfalite, 4% bentonite, 3% CaCl followed by 120 cu ft class "G" with 1% CaCl, had 20 bbls cmt returns. WOC, clean cellar, RU choke & gas buster, cut conductor & 9 5/8" csg., weld on starting head & test to 800#. Nipple up BOP's.
11/4/85	Nipple up BOP's, choke and gas buster. Test blind and pipe rams to 1500#, hydrill failed. Replace hydrill. Test BOP's & choke manifold to PPCO spec, test approved by Mike Cummings D.O.G. Make new BHA and GIH to 930'. Drill cmt, plug, float collar at 940', cmt, shoe at 1023' and formation to 1033'. Build new mud volume.

11/5/85 Finish building new mud volume.
Made leak off test at 1033' = 12.55 PPG EMW.
Drill to 1075'.
Survey at 1075', 4 DEG 15'.
Drill to 1413',
Survey at 1413', 5 DEG.
Drill to 1631',
Survey at 1631' 5 DEG 30'.
Circ,
Trip, change BHA, ream 1560-1630' (70').
Drill to 1753',
Survey at 1753', 5 DEG 45'.
Drill to 1844',
Survey at 1844', 5 DEG.
Drill to 1959',
Survey at 1959', 3 DEG 15'.
10 STD wiper trip.
Drill to 2093'. (MW 9.1, VISC 38)

11/6/85 Drill to 2124',
Survey at 2124', 2 DEG 30'.
Circ,
POOH, change bits & BHA, GIH to 1023', cut & slip
Drill line, finish GIH to 2084'.
Ream from 2084-2124'.
Drill to 2217'.
Survey at 2217', survey line parted (no survey).
POOH, retrieve survey instrument, GIH to 1023'.
Replace rotary table drive shaft.
Finish GIH to 2217'.
Drill to 2341',
Survey at 2341', 2 DEG 15'.
Drill to 2446',
Survey at 2446' 2 DEG.
Drill to 2592'.
Replace swivel wash pipe & packing.
Drill to 2820' (MW 9.2, VISC 40).

11/7/85 Drill to 2822'.
Short trip (10 stds - no problems).
Drill to 2873'.
Survey at 2873', 1 DEG.
Drill to 3336',
Survey at 3336' 0 DEG 30'.
Short trip, hole tight 3100-2900'.
Circ and work pipe 2900-2960', pull up to 2000' & GIH to 3336'.
Drill to 3397'.
Circ,
Trip for bit change at 3397'.
Drill to 3497' (MW 9.7, VISC 40).

11/8/85 Survey at 3947', 1 DEG 30'.
Drill to 4134'.
12 STD wiper trip.
Drill to 4444',
Survey at 4444' (N.G.)
6 STD wiper trip.
Drill to 4474',
Survey at 4474', 2 DEG.
Drill to 4611' (MW 9.5, VISC 40).
Circ and drop survey,
POOH.

11/9/85 Change bits, GIH to 1023', slip and cut drill line.
Finish GIH to 4527'.
Ream 4527'-4589'.
Drill to 5095' 1 DEG.
8 STD wiper trip.
Drill to 5455' (MW 9.9, VISC 38).
Circ,
POOH.

11/10/85 Finish POOH, change bits.
Test BOP's & valves as per PPCO specs.
GIH to 1023',
Slip drill line,
Finish GIH to 5433'.
Ream & circ 5433'-5455'.
Drill to 5774'.
10 STD wiper trip, tight 5611-5239'.
Drill to 6000' (MW 10.0, VISC 38)
Circ,
25 STD wiper trip, tight 5900-5300'.

11/11/85 Finish wiper trip,
circ, raise MW to 10.3# PPG.
Wiper trip (no problems).
Circ, stop circ at 10:00 a.m., 11-10-85
measure out of hole.
RU welex, run dual induction 6002-1024',
run density neutron 5994-1024', run dipmeter
stop at 4440', RD welex.
Make clean out run w/BHA.

11/12/85 Finish GIH to 6000'.
Circ and cond mud.
POOH.
RU welex, run dipmeter, stop at 5775', log up to
1024', rig down welex.
RU Dresser Atlas, run velocity survey 5763-1023',
shot 25 SWS 5630-3409', recover 23, 1 empty, 1 lost.
Rig down Dresser Atlas.
LD BHA.
GIH to lay down excess drill pipe.

11/13/85 Finish GIH, LD drill pipe.
GIH to 2800'.
Circ & cond mud.
Drill pipe at 2788', cmt w/ 170 cu ft class "G" with 2% CaCl2, disp w/80 cu ft mud. Final press 300#. CIP at 10:08 a.m., 11-12-85.
Pull 18 STDS,
WOC.
GIH tag cmt at 2455', verbal approval given by D.O.G.
Pull up to 1073', cmt w/ 90 cu. ft. class "G" with 2% CaCl2 disp.
W/25 cu ft mud, final pressure 100#. CIP at 3:17 p.m. 11-12-85. WOC, LD DP.
GIH, tag cmt at 865', approved by M. Cummings, D.O.G.
LD DP. Set surf plug, DP at 85' cmt w/ 22 cu ft class "G" neat, clear pumps and lines w/wtr. CIP at 9:00 p.m.
Clean pits, ND BOP's, cut off wellhead. Weld plate on 9 5/8" csg. at btm of cellar.
Rig released at 3:00 a.m. 11-13-85. Well P&A.

PHILLIPS PETROLEUM COMPANY
DENVER, COLORADO 80237-2898
8055 EAST TUFTS AVENUE PARKWAY, PHONE: 303 850-3000

DATA TRANSMITTAL January 31, 1986

TO: STATE OF CALIFORNIA
OIL AND GAS DIVISION
117 West Main Street, Suite 11
Woodland, CA 95695

RE: Phillips Petroleum
Steven Co #1
Sec 27 10N 1E
Yolo County, California

ENCLOSED PLEASE FIND COPIES OF THE FOLLOWING:

1. _____ Approved Well Permit
2. _____ Core Analysis/Core Description
3. _____ DST Chart/DST Report # _____
4. _____ Fluid Analysis (Gas, Water, Oil)
5. _____ Geological Prognosis and Drilling Program
6. _____ Survey Plat
7. _____ Well Completion Report
8. _____ Well History
9. _____ Well Permit Application
10. 2 Geological Well Report
11. _____ LOGS (Field Prints) _____ RUN # _____ DATE: _____
12. 2ea LOGS (Final Prints) See below RUN # 1 DATE: 11-10-85

2" & 5" scales, dual ind. guard log, comp. density neutron, comp. acoustic mudlog, dipmeter

PLEASE ACKNOWLEDGE RECEIPT BY SIGNING AND RETURNING THE ENCLOSED COPY TO THE ABOVE ADDRESS. THANK YOU.

Stan Czapski for
T. L. Carten
Manager, Geological Development
Western Division

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 685-527

DIVISION OF OIL AND GAS

Report on Operations

H. L. Patterson, Jr. Agent
PHILLIPS PETROLEUM CO.
1306 Santa Barbara St.
Santa Barbara, CA 93101

Woodland Calif.
December 16, 1985

Your operations at well "Stevens B" 1, API No. 113-20837,
Sec. 27, T. 10N, R. 1E, M.D. B.& M. --, Field, in Yolo County,
were witnessed on 11/12/85. M. Cummings, representative of
the supervisor, was present from 1830 to 1930. There were also present
J. Allen, Drilling Foreman
Present condition of well: 9 5/8" cem. 1023'. TD 6000'. Plugged w/ cement 2788'-2455',
& 1073'-865'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

MFC:cm

M. E. MEFFERD

RLH-

DIVISION OF OIL AND GAS
Cementing/Plugging Memo

Operator PHILLIPS PETROLEUM COMPANY Well No. STEVENS B" 1
API No. 113-20837 Sec. 27, T. 10N, R. 1E, MD B&M
Field —, County YOLO. On 11/12/85,
Mr. M. Cummings, representative of the supervisor was present from 1830 to 1930.
There were also present J. ALLEN - DF
Casing record of well: 9 5/8" cem. 1023'. TD 6000'. Plugged w/cement 2788'-2455', & 1073'-865'

The operations were performed for the purpose of ABANDONMENT

☒ The plugging/~~cementing~~ operations as witnessed and reported are approved.

☐ The location and hardness of the cement plug @_____' is approved.

Hole size:_____" fr._____' to_____', _____" to_____' & _____" to_____'

Casing				Cemented			Top of Fill		Squeezed Away	Final Press.	Perfs.
Size	Wt.	Top	Bottom	Date	MD-Depth	Volume	Annulus	Casing			

Casing/tubing recovered:_____" shot/cut at_____', _____', _____' pulled fr._____';
_____" shot/cut at_____', _____', _____' pulled fr._____'.

Junk (in hole):_____

Hole fluid (bailed to) at_____'. Witnessed by_____

Mudding	Date	Bbls.	Displaced	Poured	Fill	Engr.

Cement Plugs		Placing	Placing Witnessed		Top Witnessed			
Date	Sx./cf	MD & Depth	Time	Engr.	Depth	Wt/Sample	Date & Time	Engr.
11/12	170 sx	DP @ 2788	—	—	2455	—	—	—
↘	90 sx	DP @ 1073	—	—	865	DP/5000	11/12 1900	MFC

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 685-706

PERMIT TO CONDUCT WELL OPERATIONS

-- (field code)
-- (area code)
-- (new pool code)
-- (old pool code)

H. L. Patterson, Agent
PHILLIPS PETROLEUM CO.
1306 Santa Barbara St.
Santa Barbara, CA 93101

Woodland, California
December 16, 1985

Your proposal to abandon well "Stevens B" 1,
A.P.I. No. 113-20837, Section 27, T. 10N, R. 1E, M.D. B. & M.,
-- field, -- area, -- pool,
Yolo County, dated 12/12/85, received 12/16/85 has been examined in conjunction with records filed in this office.

THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT IS APPROVED.

1. THIS DIVISION SHALL BE NOTIFIED:
   a. To inspect and approve the clean-up of the wellsite before approval of abandonment will be issued.

Blanket Bond
RLH:cm

CONFIDENTIAL

Engineer _____

Phone _____

M. G. MEFFERD, State Oil and Gas Supervisor

By _____
Deputy Supervisor
John C. Sullivan

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed

DIVISION OF OIL AND GAS
RECEIVED

DEC 16 1985

WOODLAND, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Fld. D.H.

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

FOR DIVISION USE ONLY			
CARDS	BOND	FORMS	
		OGD114	OGD121
✓	B/B	✓	✓

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Stevens B #1, API No. 113-20837, Sec. 27, T. 10N, R. 1E, ND B. & M., -- Field, Yolo County, commencing work on November 12, 19 85.

The present condition of the well is:

1. Total depth: 6000'

2. Complete casing record, including plugs and perforations:

13-3/8" Conductor to 40' below G.L.

9-5/8", 36#, K-55, 8rd ST&C with shoe at 1023', cemented to surface with 620 cu ft.

3. Last produced never (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected never (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

none

6. Stratigraphic markers:

Starkey 3400'
Winters 4427'

7. Formation and age at total depth:

Sacramento Shale (Cretaceous)

8. Base of fresh water sands: 2550'

The proposed work is as follows:

1. RIH with OEDP to 2788'.
2. Set cement plug from 2455' to 2788'.
3. Raise OEDP 18 stands. WOC. Tag plug at 2455'.
4. Raise OEDP to 1073'.
5. Set cement plug from 865' to 1073'.
6. Raise OEDP. WOC. Tag Plug at 865'.
7. Raise OEDP to 85'.
8. Set Cement plug from 5' below surface to 85'.
9. RDMO
10. Cut casing 5' below surface and weld on steel plate. Clean up location.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 1306 Santa Barbara Street (Street)

Phillips Petroleum Co. (Name of Operator)

STATE OF CALIFORNIA—RESOURCES AGENCY

GEORGE DEUKMEJIAN, *Governor*

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
117 WEST MAIN STREET, SUITE No. 11
WOODLAND, CALIFORNIA 95695
(916) 662-4683

December 3, 1985

H.L. Patterson, Jr., Agent
PHILLIPS PETROLEUM CO.
1306 Santa Barbara St.
Santa Barbara, CA 93101-2017

Gentlemen:

Abandonment operations were witnessed on 11/12/85 for the following well:

"Stevens B" 1
27/10N/1E
M.D.B.&M.

To date abandonment notice has not been filed.

We would appreciate your forwarding this notice at your earliest convenience.

Thank you for your attention to this matter.

Yours truly,

John C. Sullivan

JOHN C. SULLIVAN
Deputy Supervisor

rmc:

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 685-608

REPORT ON PROPOSED OPERATIONS

WELL CLASSIFICATION:
EXPLORATORY NEW FIELD

-- (field code)
-- (area code)
-- (new pool code)
-- (old pool code)

F. L. Patterson, Jr., Agent
PHILLIPS PETROLEUM COMPANY
1306 Santa Barbara St.
Santa Barbara, CA 93101-2017

Woodland, California
October 29, 1985

Your proposal to drill well "Stevens B" 1,
A.P.I. No. 113-20937, Section 27, T. 10N, R. 1E, M.D. B. & M.,
-- field, -- area, -- pool,
Yolo County, dated 10/22/85, received 10/28/85 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The 9 5/8" casing is cemented with sufficient cement to fill behind this casing from the shoe to the ground surface.
2. The 5 1/2" casing is cemented with sufficient cement to fill behind this casing from the shoe to at least 500 feet above the uppermost oil or gas zone.
3. Drilling fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts is used.
4. Blowout prevention equipment conforming to Class III B 2M requirements is installed on the 9 5/8" casing and maintained in operating condition at all times. See Manual M07 and attached sheet.
5. Blowout prevention equipment conforming to Class "III" 3 M requirements is installed on the 5 1/2" casing and maintained in operating condition at all times. See Manual M07 and attached sheet.
6. Fresh water protection for this well shall be as shown on attached exhibit A.
7. The division is furnished copies of any draw down or back pressure tests performed. In addition the division will monitor the production for a period of six months and if anomalous water production is indicated, remedial action will be ordered.
8. THIS DIVISION IS NOTIFIED:
   a. Before deviating from the proposed casing program and/or placing any plugs in the hole. Additional requirements shall be outlined at that time.
   b. To witness a test of the installed blowout prevention equipment prior to drilling out the shoe of the 9 5/8" casing. The blind/blank rams shall be tested by the operator prior to calling the Division inspector. Test information of the blind/blank ram test shall be entered on the tour sheet along with the signature of the person in charge.

NOTE: 1. Information on file in this office indicates that the base of the useable fresh water deposits should be encountered at a depth of approximately 2500'.
2. This well has been granted confidential status for two years from the cessation of drilling operations.

Blanket Bond
RLH:cm
CONFIDENTIAL

12/10/85

M. G. MEFFERD, State Oil and Gas Supervisor
By John C. Sullivan
Deputy Supervisor
John C. Sullivan

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

cc: L. Williamson
S. A. Campkin
Ethel Thomas
File

Form OG105 (8/80)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
Notice of Intention to Drill New Well

Explor, N.F.

2500 ± (Pad)

T 28 1985

C.E.Q.A. INFORMATION			
EXEMPT ☐ CLASS____	NEG. DEC. ☐ S.C.H. NO.____	E.I.R. ☐ S.C.H. NO.____	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION ☐
See Reverse Side			

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FEDERAL 116	FEDERAL 121
616	RST 10/28/85	✓	B/B	✓	✓

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well "Stevens B #1", API No. 113-20837 (Assigned by Division),

Sec. 27, T. 10N, R. 1E, MD B. & M., [redacted] Field, Yolo County.

Legal description of mineral-right lease, consisting of 160 acres, is as follows: SW/4 of (Attach map or plat to scale)

Section 27, T10N, R1E

Do mineral and surface leases coincide? Yes X No____. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 2300 feet East (Direction) along section / ~~property~~ (Cross out one) line and 200 feet North (Direction)

at right angles to said line from the Southwest corner of section / ~~property~~ (Cross out one) 27 or

Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☒

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth: ____ feet (Direction) and ____ feet (Direction)

Elevation of ground above sea level 104 feet.

All depth measurements taken from top of rig to be selected (Derrick Floor, Rotary Table, or Kelly Bushing) that is ____ feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING (Linear Feet)
9 5/8"	36	K-55	Surface	1000'	Shoe-Surf.	300 cu. ft.
5 1/2"	17	N-80	Surface	4400'	4400'-Surf.	1150 cu. ft.

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

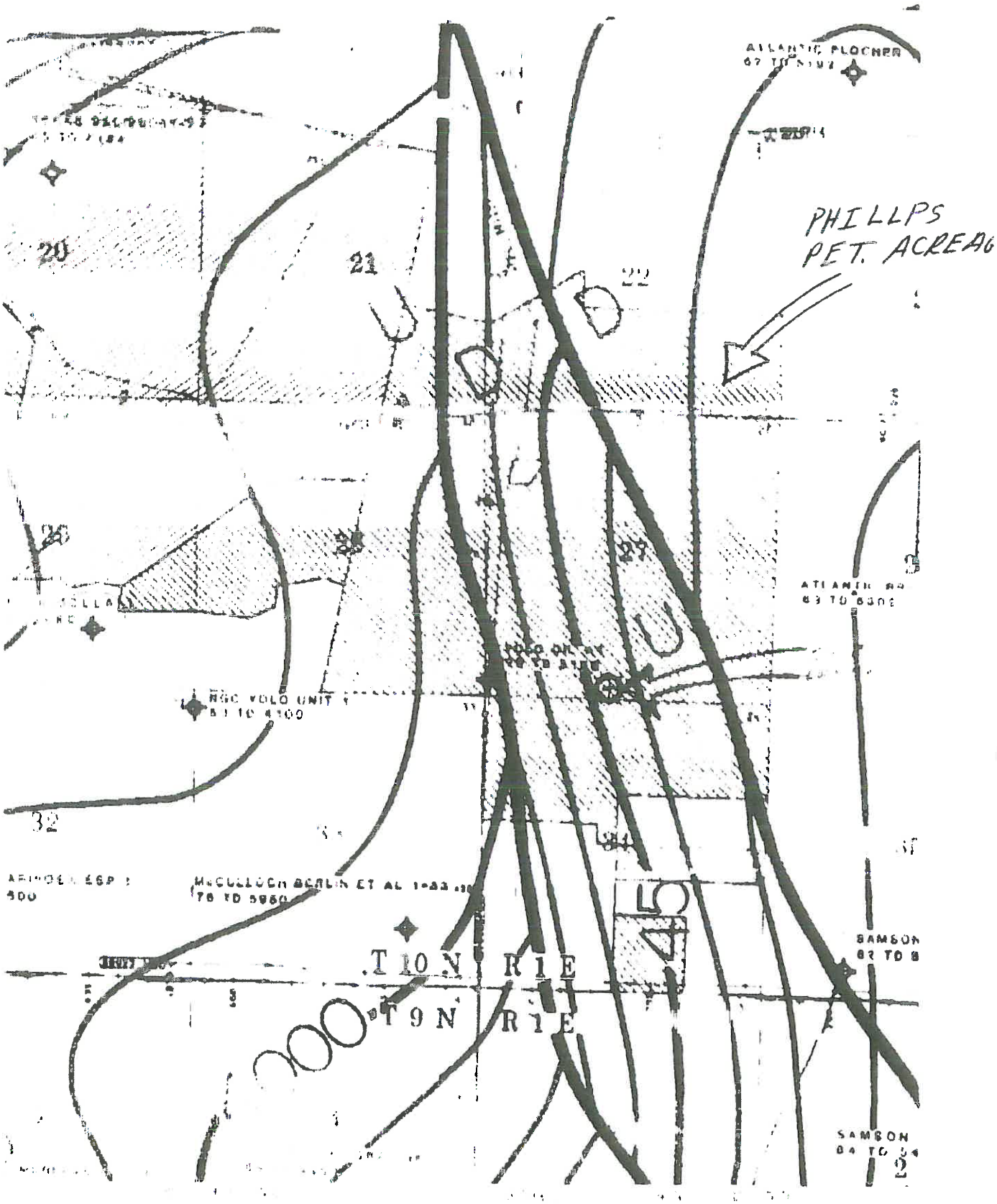
Intended zone(s) of completion Winters Formation, 4300', 1850 psi (Name, depth, and expected pressure) Estimated total depth 6000'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Name of Operator	Type of Organization (Corporation, Partnership, Individual, etc.)	
Phillips Petroleum Company	Corporation	
Address	City	Zip Code
1306 Santa Barbara St.	Santa Barbara, CA	93101
Telephone Number	Name of Person Filing Notice	Signature / Date
(805) 963-9761	Eber G. Crossley	Eber G. Crossley 10/22/85

OK for Conf'd G.L. Strata

Confidential



PHILLIPS PETROLEUM COMPANY
1306 Santa Barbara Street
Santa Barbara, CA 93101

October 24, 1985

Division of Oil & Gas
117 West Main, Suite 11
Woodland, CA 95695

Gentlemen:

Attached is our Notice of Intention to Drill New Well, Stevens "B" No.1 in Yolo County.

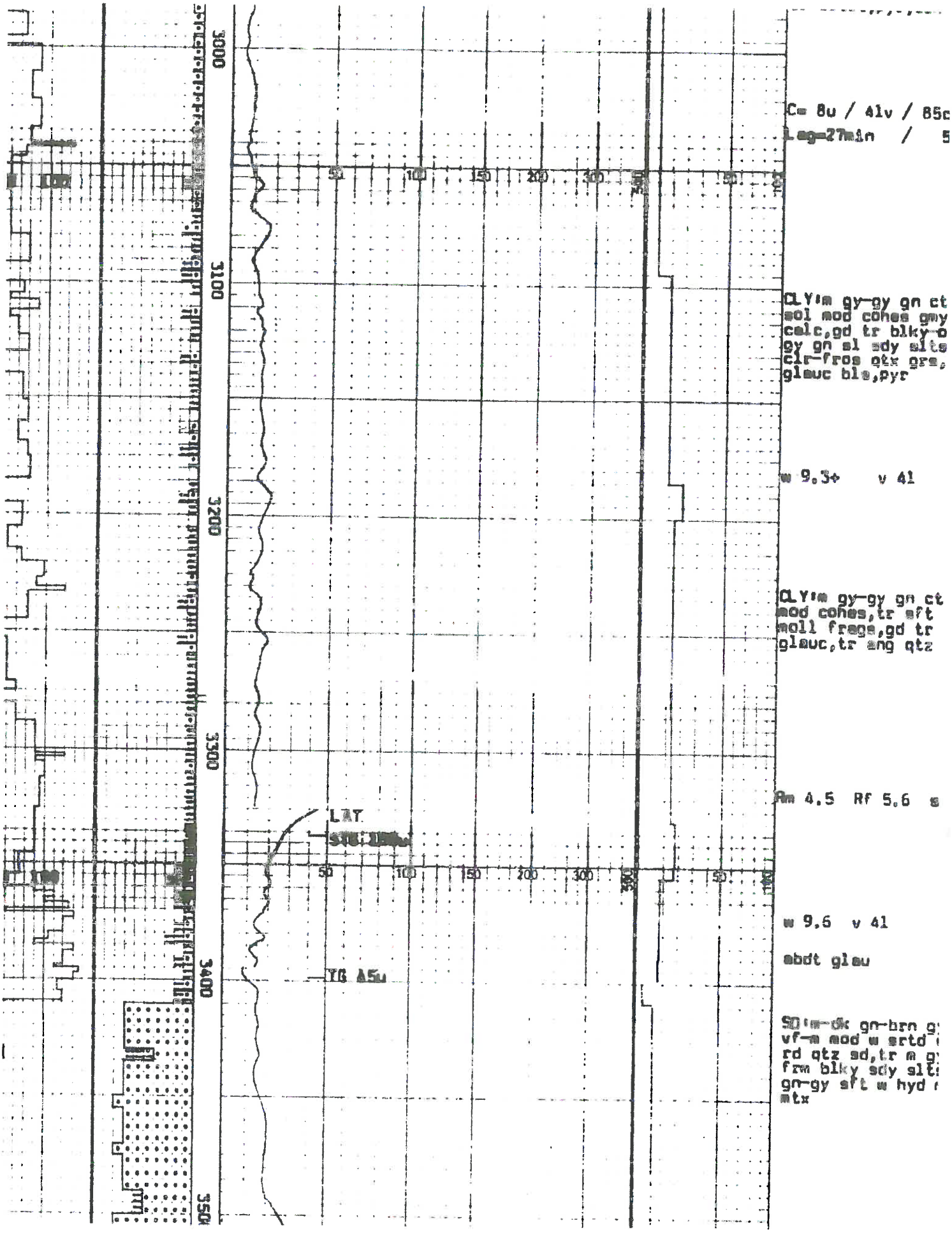
This is an exploratory well and we request all data relating to this well be afforded confidential status as provided by Division of Oil and Gas regulations.

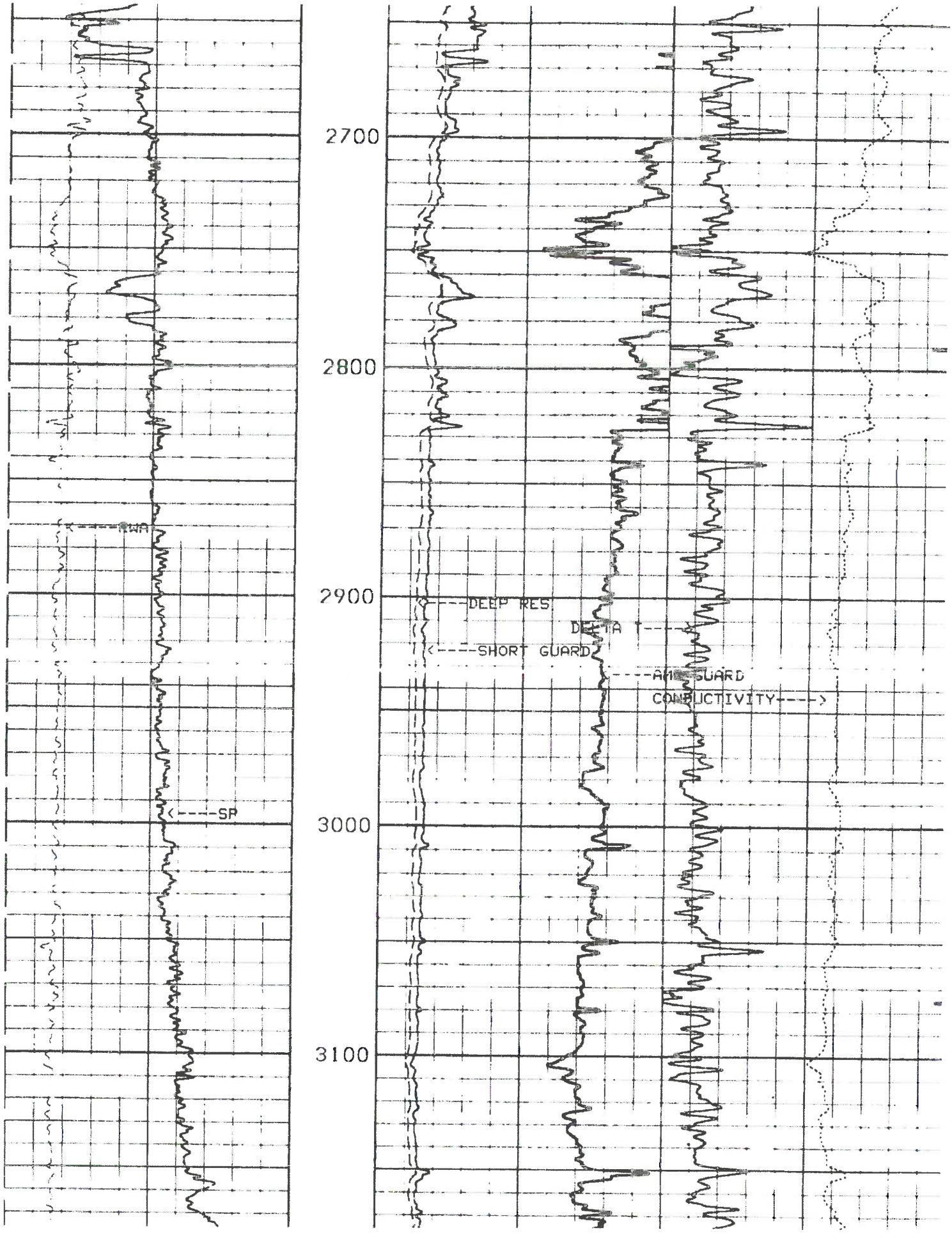
Sincerely,

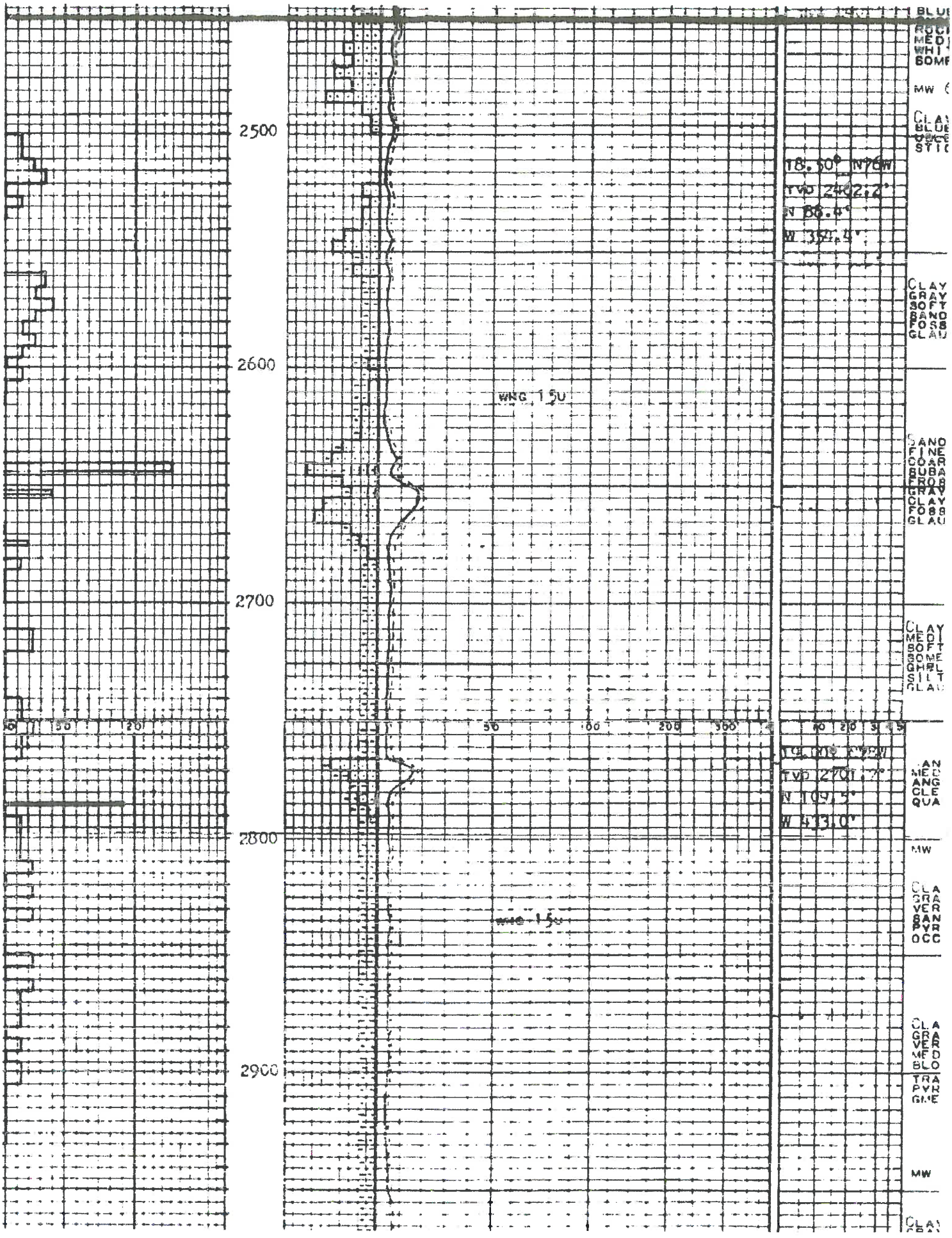
H L Patterson Jr

H. L. Patterson, Jr.
Area Manager

JW/kc
Attach


3000
3100
3200
3300
3400
3500
50
100
150
200
300
500
50
100
LAT
TG 45u
C= 8u / 41v / 85c
Lag=27min / 5
CLY:m gy-gy gn ct
sol mod cohes gmy
calc,gd tr blky-p
gy gn sl sdy slts
clr-fros qtz gns,
glauc blo,pyr
w 9.3+ v 41
CLY:m gy-gy gn ct
mod cohes,tr sft
moll frags,gd tr
glauc,tr ang qtz
Rm 4.5 Rf 5.6
w 9.6 v 41
abdt glau
SD:m-ck gn-brn g
vf-m mod w srtd
rd qtz sd,tr m g
frm blky sdy slt
gn-gy sft w hyd
mtx


2700
2800
2900
3000
3100
<----DEEP RES
DELTA
<----SHORT GUARD
----AM GUARD
CONDUCTIVITY---->
<----SP


2500
2600
2700
2800
2900
WNG 150
WNG 150
18.50° N76W
TVD 2402.2'
N 60.4°
W 359.4°
TVD 2701.7'
N 109.5°
W 413.0°

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

REPORT OF WELL PLUGGING AND ABANDONMENT

District 6, (916) 322-1110

Sacramento, California
May 9, 1994

Bruce Brooks, Agent
CAPITOL OIL CORPORATION
1545 River Park Dr., Suite 501
Sacramento, CA 95815

Your report of abandonment of well "Torrence-Claar" 28-1
API No. 113-21056, Sec. 28, T. 10N, R. 1E, M.D. B. & M.,
----- field, Yolo County,
dated 2-11-94, received 2-25-94, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

NOTES: 1. Surface plugging completed on 2-12-94.

2. Site inspection made and approved 5-4-94.

Blanket Bond
MFC:jhs

CONFIDENTIAL STATUS

WILLIAM F. GUERARD, JR.
State Oil and Gas Supervisor

By Robert A. Reid
Deputy Supervisor
ROBERT A. REID

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company CAPITOL OIL COOP. Well No. "TURRENCE - CLARR" 28-1

API No. 113-21056 Sec. 28, T. 10N, R. 1E, MD B. & M.

County YOLO Field

RECORDS RECEIVED	DATE
Well Summary (Form OG100)	(2) 3/28/94
History (Form OG103)	(2)
Core Record (Form OG101)	
Directional Survey	
Sidewall Samples	
Other	
Date final records received	
Electric logs:	
(2) DIL/SONIC - 2"	(3/17/94)
(2) " - " - 5"	✓
(2) MUDLOG.	✓

STATUS		STATUS	
Producing - Oil		Water Disposal	
Idle - Oil		Waterflood	
Abandoned - Oil		Steamflood	
Drilling - Idle		Fire Flood	
Abandoned - Dry Hole		Air Injection	
Producing - Gas		Gas Injection	
Idle - Gas		CO_2 Injection	
Abandoned - Gas		LPG Injection	
Gas-Open to Oil Zone		Observation	
Gas Storage		Waterflood Source	

DATE "E" well Yes ☐ No ☐

RECOMPLETED

REMARKS

ENGINEER'S CHECK LIST

1. Summary, History, & Core Record (dupl.) ✓
2. Electric Log ✓
3. Operator's Name ✓
4. Signature ✓
5. Well Designation ✓
6. Location ✓
7. Elevation ✓
8. Notices ✓
9. "T" Reports ✓
10. Casing Record ✓
11. Plugs ✓
12. Surface Inspection ~~PENDING~~
13. Production
14. E Well on Prod., enter EDP
15. Directional Survey

CLERICAL CHECK LIST

1. Location change (F-OGD165)
2. Elevation change (F-OGD165)
3. Form OGD121 ✓
4. Form OG159 (Final Letter) ✓
5. Form OGD150b (Release of Bond)
6. Duplicate logs to archives
7. Notice of Records Due (F-OGD170)
8. EDP (F-OGD42A-1, 2)

~~PENDING~~ 5/4/94 MTC

FINAL LETTER

RECORDS NOT APPROVED

Reason:

~~HOLD FOR GWF.~~

RECORDS APPROVED CC 4/5/94

RELEASE BOND

Date Eligible

(Use date last needed records were received.)

MAP AND MAP BOOK

94-4913' MWB 2/24/96

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

Div. of Oil & Gas - Dist. 6
RECEIVED
MAR 2 8 1994
Sacramento, California

DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

History of Gas Well

Operator CAPITOL OIL CORPORATION Field ---- County Yolo
Well Torrence-Claar 28-1 Section 28, T10N, R 1E, MDB&M
API # 113-21056 Name John E Peterson Title Petroleum engineer
Date February 14, 1994
Signature John E Peterson

1545 River Park Drive, Suite 501, Sacramento, California 95815 (916)929-4141

02/03/94: Depth: 75'. Moved in and rigged up Paul Graham rig #2. Spudded 12-1/4" hole at 1700 hours. Drilled out cement from 22' to 40'. Drilled 12-1/4" hole to 75'. Raised viscosity to 70 sec. Circulated out gravel. Drill string parted. POH. Left one drill collar in hole. Ran in with overshot and engaged fish. POH.
Mud Weight 67 pcf, vis 70 sec, WL Spud Mud

02/04/94: Depth: 820'. Recovered fish. RIH and reamed to 75'. Drilled 12-1/4" hole to 820'. Ran 18 joints (779') of 8-5/8" 24# J55 ST&C casing with shoe at 777'. Insert valve at 733'.
Cemented 8-5/8" casing through shoe using 249 sx class G cement with 8% gel, 3% $CaCl_2$, followed by 100 sx class G cement with 3% $CaCl_2$. Good cement returns to surface. WOC 4 hours.
Mud Weight 67 pcf, vis 85 sec, WL Spud Mud
Survey 820' 1°15'

02/05/94: Depth: 1074'. Installed and tested 8-5/8" casing head with 1500 psi. Installed and tested BOPE. (Tests witnessed and approved by Mr. Kevin Lundy, California Division of Oil, Gas, and Geothermal Resources). Drilled out insert valve, cement, and shoe. Drilled 7-7/8" hole to 910'. POH. Ran mudmotor and directionally drilled 7-7/8" hole to 1074'.
Mud Weight 68 pcf, vis 38 sec, WL 6.2 cc, pH 9.0, Solids 5%

02/06/94: Depth: 1824'. Directionally drilled 7-7/8" hole with mudmotor to 1485'. POH. Ran BHA and directionally drilled 7-7/8" hole to 1824'.
Mud Weight 68 pcf, vis 38 sec, WL 6.2 cc, pH 9.0, Solids 5%

02/07/94: Depth: 2804'. Directionally drilled 7-7/8" hole to 2804'.
Mud Weight 68 pcf, vis 39 sec, WL 5.6 cc, pH 9.0, Solids 5%

02/08/94: Depth: 3820'. Directionally drilled 7-7/8" hole to 3820'.
Mud Weight 73 pcf, vis 40 sec, WL 4.6 cc, pH 8.5, Solids 5%

02/09/94: Depth: 4446'. Directionally drilled 7-7/8" hole to 4446'.
Mud Weight 76 pcf, vis 40 sec, WL 4.8 cc, pH 8.5, Solids 5%

02/10/94: Depth: 4913' TD. Directionally drilled 7-7/8" hole to 4913' (total depth). Began conditioning hole for E-logs.
Mud Weight 75 pcf, vis 40 sec, WL 5.0 cc, pH 8.5, Solids 5%

02/11/94: Finished conditioning hole for E-logs. Ran DIL/BHC logs. Laid down excess drill pipe. Plugged and abandoned well as follows:
Plug #1: (Across base of fresh water).
Suspended open-end drill pipe at 2658'. Equalized 89 sx class G cement with 3% $CaCl_2$.
Mud Weight 75 pcf, vis 40 sec, WL 5.0 cc, pH 8.5. Solids 5%

02/12/94: Laid down excess drill pipe. Tagged top of plug #1 at 2408'. (Witnessed and approved by Mr. Cam Downey, California Division of Oil, Gas, and Geothermal Resources).
Plug #2: (Shoe plug). Suspended open-end drill pipe at 823'. Equalized 81 sx class G cement with 3% $CaCl_2$. (Placement of plug #2 witnessed and approved by Mr. Cam Downey, California Division of Oil, Gas, and Geothermal Resources).
Tagged top of plug #2 at 634'. Laid down excess drill pipe.
Plug #3: (Surface plug). Cemented 8-5/8" casing with 25 lineal feet of cement at surface. Cut off 8-5/8" casing 5' below surface. Welded steel plate on top. Released rig at 1100 hours.

No. T 694-017

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

REPORT ON OPERATIONS

District 6, (916) 322-1110

Bruce Brooks, Agent
CAPITOL OIL CORPORATION
1545 River Park Dr., Suite 501
Sacramento, CA 95815

Sacramento, California
March 4, 1994

Your operations at well "Torrence-Claar" 28-1, API No. 113-21056,
Sec. 28, T. 10N, R. 1E, M.D. B. & M. -----
Field, in Yolo County,
were witnessed on 2-12-94. C. Downey, representative of
the supervisor, was present from 0100 to 0245.
There were also present T. Hillman
Present condition of well: 8 ⅝" csg. 777'; T.D. 4918'; plugged w/cem. 2658'-2408', 823'-530'±.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

The location and hardness of the cement plug @ 2408' are approved.

Blanket Bond
CD:jhs

CONFIDENTIAL STATUS

William F. Guerard Jr., State Oil and Gas Supervisor

By Robert A. Reid
Deputy Supervisor

Hold for location add 017 RSH

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
Cementing/Plugging Memo

Operator CAPITOL OIL CORP Well No. "TORRANCE-CLARK" 29-1
API No. 11[illegible]-10556 Sec. 29, T. 10N, R. 1E, MD B&M
Field _____, County YOLO. On 2/12/91,
Mr./Ms. C. DAWNEY, representative of the supervisor, was present from 0100 to 0245.
There were also present TOM HILLMAN

Casing record of well: 9 5/8" csg 777', TD 4916', plugged with csg 2658-2408, 825-530'

The operations were performed for the purpose of ABANDONMENT

☑ The plugging/cementing operations as witnessed and reported are approved.
☑ The location and hardness of the cement plug @ 2408' are approved.

Hole size: _____" fr. _____' to _____', _____" to _____' & _____" to _____'

Casing				Cemented			Top of Fill		Squeezed Away	Final Press.	Perfs.
Size	Wt.	Top	Bottom	Date	MD-Depth	Volume	Annulus	Casing			

Casing/tubing recovered: _____" shot/cut at _____', _____', _____' pulled fr. _____';
_____" shot/cut at _____', _____', _____' pulled fr. _____'.
Junk (in hole): _____
Hole fluid (bailed to) at _____'. Witnessed by _____

Mudding	Date	Bbls.	Displaced	Poured	Fill	Engr.

Cement Plugs		Placing	Placing Witnessed		Top Witnessed			
Date	Sx./cf	MD & Depth	Time	Engr.	Depth	Wt/Sample	Date & Time	Engr.
2/11	575X	OEOA 2658			2408	3400# CLAY	2/12 2100	C. Dawney
2/12	91SX	CCSA [illegible]	0245	C Dawney	530±			

RESOURCE AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
District 6, (916) 322-1110 No. P 694-056

PERMIT TO CONDUCT WELL OPERATIONS

-- (field code)
-- (area code)
-- (new pool code)
-- (old pool code)

Bruce Brooks, Agent
CAPITOL OIL CORPORATION
1545 River Park Dr., Suite 501
Sacramento, CA 95815

Sacramento, California
March 4, 1994

Your proposal to abandon well "Torrence-Claar" 28-1
API No. 113-21056 Section 28, T. 10N, R. 1E, M.D. B. & M.,
----- field, --- area, ----- pool,
Yolo County, dated 2-11-94, received 2-25-94 has been examined in conjunction with records filed in this office.

THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

Blanket Bond
RSH:jhs

CONFIDENTIAL STATUS

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Robert A. Reid
Deputy Supervisor
Robert A. Reid

5/4/94
MFL

A copy of this report and the proposal must be posted at the well site prior to

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

Div. of Oil & Gas - Dist. 6
RECEIVED
FEB 25 1994
Sacramento, California

Notice of Intention to Abandon Well

FOR DIVISION USE ONLY			
CARDS	BOND	FORMS	
		OGD114	OGD121
✓	BB	✓	✓

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "Torrence-Claar 28-1, API No. 113-21056,
Sec. 28, T. 10N, R. 1E, MD B. & M., ---Field, Yolo County.
commencing work on February 11, 94, 19____.

The present condition of the well is:

1. Total depth 4913' Total depth
2. Complete casing record, including plugs and perforations (present hole)
   8-5/8" 24# J55 SI&C cemented through shoe at 777'.
3. Last produced N/A (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected N/A (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
   None
6. Stratigraphic markers
   Base Capay Shale/ Top Starkey Sand 3305'
   Top Winters Sand 4455'
7. Formation and age at total depth
   Winters-Cretaceous
8. Base of fresh water sands 2558'

9. **Is this a critical well according to the definition on the reverse side of this form?** ☐ Yes ☒ No

The proposed work is as follows:

1. Cement Base of Fresh Water Plug inside 7-7/8" hole from 2658'-2458'.
2. Cement shoe plug inside 7-7/8" hole from 827'-820', inside 12-1/4" hole from 820'-777', and inside 8-5/8" 24# J55 casing from 777'-727'.
4. Cement surface plug with 25 lineal feet inside 8-5/8" casing.
5. Cut off 8-5/8" casing 5' below surface. Weld steel plate on top.
6. Restore location.

(Drilling mud of at least 70 pcf will be left in casing between cement plugs)

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1545 River Park Drive Suite 501 (Street)
Sacramento, California 95815 (City) (State) (Zip)
Telephone Number (916) 929-4141

Capitol Oil Corporation (Name of Operator)
By John E. Peterson (Print Name)
John E. Peterson 2/11/94

No. T 694-015

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

REPORT ON OPERATIONS

District 6, (916) 322-1110

Bruce Brooks, Agent
CAPITOL OIL CORPORATION
1545 River Park Drive, Suite 501
Sacramento, CA 95815

Sacramento, California
February 7, 1994

Your operations at well "Torrence-Claar" 28-1, API No. 113-21056,
Sec. 28, T. 10N, R. 1E, M.D. B. & M. -----
Field, in Yolo County,
were witnessed on 2-5-94. K. Lundy, representative of
the supervisor, was present from 0830 to 1145.
There were also present T. Hilman, Drilling Foreman
Present condition of well: 8 5/8" cem. 777'. T.D. 820' (Standing cemented)

The operations were performed for the purpose of testing the blowout prevention equipment and installation.

DECISION:

The blowout prevention equipment and its installation on the 8 5/8 " casing are approved.

Blanket Bond
KL:jhs

CONFIDENTIAL STATUS

William F. Guerard Jr., State Oil and Gas Supervisor

By Robert A. Reid
Deputy Supervisor

API No. 113-21056 DIVISION OF OIL AND GAS T 015 psi por.

BLOWOUT PREVENTION EQUIPMENT MEMO

Operator CAPITOL OIL CORP Well "TORRENCE-CLAAR" 28-1
Field _____ County YOLO Spud Date 2-4-94

VISITS:	Date	Engineer	Time	Operator's Rep.	Title
1st	2-5-94	K. LUNDY	(0830 to 1145)	—	—
2nd			(to)		

Contractor HEX Rig # 4 Contractor's Rep. & Title MR. T. HILMAN, DF.
Casing record of well: 8 5/8" CEM. 777 TD. 820 (STANDING CEMENTED)

OPERATION: Testing (inspecting) the blowout prevention equipment and installation.
DECISION: The blowout prevention equipment and its installation on the 8 5/8 " casing are approved.

Proposed Well Opns: DRILLING MACP: 0 psi
Hole size: 12¼ " fr. 0 ' to 820' , _____ " to _____ ' & _____ " to _____ '
REQUIRED BOPE CLASS: III 2M B

CASING RECORD OF BOPE ANCHOR STRING					Cement Details	Top of Cement	
Size	Weight(s)	Grade(s)	Shoe at	CP at		Casing	Annulus
8 5/8	24	K-55	777		LEAD 149 SKS 6 W 18% GEL 2% 733		CIRC
					TAIL 100 SKS 6 W 2% CCL		

BOP STACK

API Symb.	Ram Size (in.)	Manufacturer	Model or Type	Vert. Bore Size (in.)	Press. Rtg.	Date Last Overhaul
A	—	HYDRIL	GK	11"	5M	
RE	4	SHAFFER	LWS			
RA	—	SHAFFER	LWS			
C	—		SPOOL			

TEST DATA

Gal. to Close	Recovery Time (Min.)	Calc GPM Output	psi Drop to Close	Secs. to Close	Test Date	Test Press.
					2/5	1,000
						1,500

ACTUATING SYSTEM

Accumulator Unit(s) Working Pressure 3000 psi
Total Rated Pump Output — gpm
Distance From Well Bore 50 ft.

	Accum. Manufacturer	Capacity	Precharge
1	KOOMEY	80 gal	750 psi
2		gal	psi

CONTROL STATIONS	Elec.	Hyd.	Pneu.
Manifold at accumulator unit		✓	
Remote at Driller's station			✓
Other:			

EMERG. BACKUP SYSTEM			Press.	Wkg. Fluid
N_2 Cylinders	1	L= 54"	2500	8 gal.
Other:	2	L= "		8 gal.
	3	L= "		6 gal.
	4	L= "		gal.
	5	L= "		gal.
	6	L= "		gal.
		TOTAL:		24 gal.

TOTAL:

AUXILIARY EQUIPMENT

	No.	Size (in.)	Rated Press.	Connections: Weld	Flange	Thread	Test Press.
Fill-up Line							
Kill Line		2	3M				1500
Control Valve(s)	1						
Check Valve(s)	1						
Aux. Pump Connect.							
Choke Line		2					
Control Valve(s)	4						
Pressure Gauge							
Adjustable Choke(s)	2	2					
Bleed Line							
Upper Kelly Cock							
Lower Kelly Cock							
Standpipe Valve							
Standpipe Press. Gauge							
Pipe Safety Valve		4					
Internal Preventer							

MUD FLUID MONITORING EQUIPMENT	Alarm Type: Audible	Visual	Class
Calibrated Mud Pit			A
Pit Level Indicator			B
Pump Stroke Counter			
Pit Level Recorder			
Flow Sensor			C
Mud Totalizer			
Calibrated Trip Tank			
Other:			

Mud Fluid Type	Weight	Storage Pits (Type & Size)
SPUD	69	—

REMARKS AND DEFICIENCIES: NO DEFS

RESOURCE AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
District 6, (916) 322-1110 No. P 694-015

PERMIT TO CONDUCT WELL OPERATIONS

Well Classification: Exploratory - New Field

-- (field code)
-- (area code)
-- (new pool code
-- (old pool code

Bruce Brooks, Agent
CAPITOL OIL CORPORATION
1545 River Park Dr., Suite 501
Sacramento, CA 95815

Sacramento, California
January 20, 1994

Your proposal to drill well "Torrance-Claar" 28-1
API No. 113-21056 Section 28, T. 10N, R. 1E, M.D. B. & M.,
--- field, --- area, --- pool,
Yolo County, dated 1-6-94, received 1-18-94 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The 8 5/8" casing is cemented with sufficient cement to fill behind this casing from the shoe to the ground surface.
2. The 4 1/2" casing is cemented with sufficient cement to fill behind this casing from the shoe to at least 500 feet above the uppermost oil or gas zone.
3. Drilling fluid of a quality and in sufficient quantity is used to control all subsurface conditions to prevent blowouts.
4. Blowout prevention equipment conforming to Class III B 2M requirements is installed on the 8 5/8" casing and maintained in operating condition at all times. See Manual M07 and attached sheet.
5. Blowout prevention equipment conforming to Class "III" 2 M requirements is installed on the 4 1/2" casing and maintained in operating condition at all times. See Manual M07 and attached sheet.
6. Fresh water protection for this well shall be as shown on attached exhibit A.
7. The Division is furnished copies of any draw down or back pressure tests performed. In addition, the Division will monitor the production for a period of six months and if anomalous water production is indicated, remedial action will be ordered.
8. THIS DIVISION IS NOTIFIED:
   a. Before deviating from the proposed casing programs and/or placing any plugs in the hole. Additional requirements shall be outlined at that time.
   b. To witness a test of the installed blowout prevention equipment prior to drilling out the shoe of the 8 5/8" casing. The blind/blank rams shall be tested by the operator prior to calling the Division inspector. Test information of the blind/blank ram test shall be entered on the tour sheet along with the signature of the person in charge.

NOTE:
1. Information on file in this office indicates that the base of the useable fresh water deposits should be encountered at a depth of approximately 2550'.
2. This well has been granted confidential status for two years from the cessation of drilling operations.

WHEN THE WELL HAS BEEN SPUDDED, PLEASE CONTACT THIS OFFICE AT (916) 322-1110 DURING DAYLIGHT HOURS (8AM TO 5PM).

Blanket Bond
RSH:jhs

CONFIDENTIAL STATUS

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Robert A. Reid
Deputy Supervisor
Robert A. Reid

A copy of this report and the proposal must be posted at the well site prior t

EXHIBIT A

NO.P. 693-015

January 20, 1994

CAPITOL OIL CORPORATION

WELL NO. "Torrence-Claar" 28-1 Sec. 28 T. 10N R. 1E

Field ----- County Yolo

FRESH WATER PROTECTION REQUIREMENTS FOR THE ABOVE WELL ARE AS FOLLOWS:

Fresh waters are to be protected by cement behind the 4 1/2 " casing. Sufficient cement shall be used to fill to at least 100 feet above the base of the fresh water deposits, which is estimated to be at 2550 '. To insure the above, one of the following operations shall be performed:

a. The 4 1/2 " casing shall be cemented through the shoe with 125 percent of the volume of cement calculated to fill the casing/hole annulus from the shoe to 100 feet above the base of the fresh water deposits.

b. The 4 1/2 " casing shall be cemented through ports, set between 50 feet and 100 feet below the base of the fresh water deposits, with sufficient cement to fill 300 feet of the casing/hole annulus.

c. A cement bond, temperature survey, or other survey shall be run to determine that the cement in the annulus is 100 feet above the base of the fresh water deposits.

If either item "a" or "b" is not performed, or if a survey in item "c" indicates an unsatisfactory cement lift, the well casing shall be recemented to comply with the above requirements.

Div. of Oil & Gas - Dist. 6
RECEIVED
JAN 18 1994
Sacramento, California

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
Notice of Intention to Drill New Well

C.E.Q.A. INFORMATION			
EXEMPT ☒ CLASS____	NEG. DEC. ☐ S.C.H. NO.____	E.I.R. ☐ S.C.H. NO.____	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION ☐
See Reverse Side			

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS 116	121
		✓	BB	✓	

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well Torrence-Claar 28-1, API No. 113-21056 (Assigned by Division),

Sec. 28, T. 10N, R 1E, M.D. B. & M., Wildcat Field, Yolo County.

Legal description of mineral-right lease, consisting of 253.68 acres, is as follows: (Attach map or plat to scale)

APN 25-430-1 & 2

Do mineral and surface leases coincide? Yes X No____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 2550 feet West (Direction) along section / ~~property~~ (Cross out one) line and 1500 feet North (Direction)

at right angles to said line from the Southeast corner of section / ~~property~~ (Cross out one) 28 or

Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☒

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth: 650 feet West (Direction) and 200 feet North (Direction)

Elevation of ground above sea level ± 110 feet.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table, or Kelly Bushing) that is ± 10 feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING
8-5/8"	24#	J-55	Surface	~~510~~ 600	~~510~~ 600	~~510~~ 600 As Per Rich Boyd 1-19-94
4-1/2"	10.5#	J-55	Surface	3600	3600	1000'±

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Starkey, 3200' TVD, 1500 psi (Name, depth, and expected pressure) Estimated total depth 3600 MD

It is understood that if changes in this plan become necessary we are to notify you immediately.

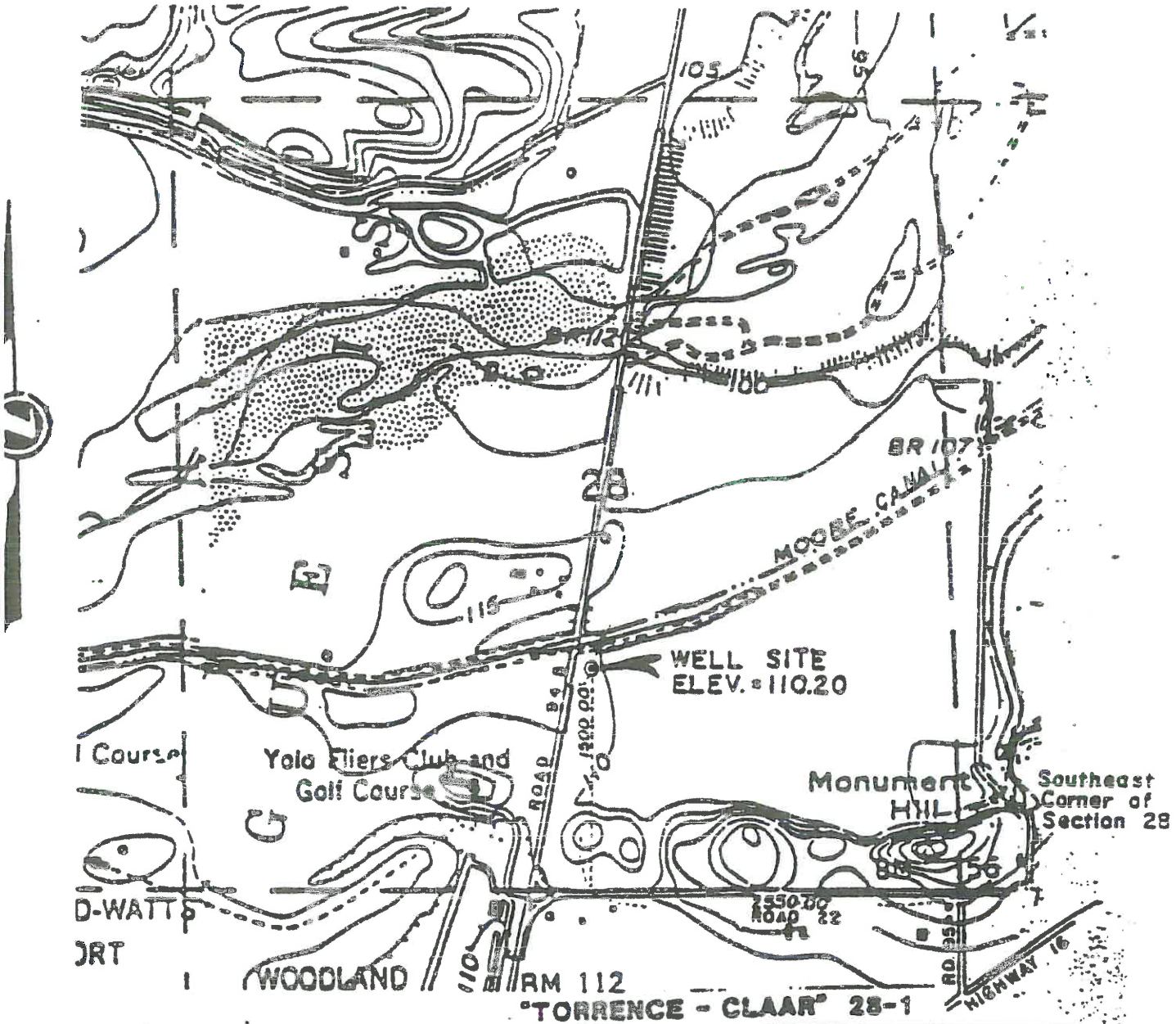
Name of Operator	Type of Organization (Corporation, Partnership, Individual, etc.)	
Capitol Oil Corporation	Corporation	
Address: 1545 River Park Drive, Suite 501	City: Sacramento	Zip Code: 95815
Telephone Number: (916) 929-4141 — Name of Person Filing Notice: Rich Boyd	Signature: Rich Boyd	Date: 1-6-94

SKETCH OF WELL LOCATION FOR

CAPITOL OIL CORP.

"TORRENCE - CLAAR" 28-1

WELL LOCATED 2550' FT. WEST ; 1500 FT. NORTH OF THE S.E. CORNER OF SEC. 28 T. 10 N., R. 1 E., M.D.B.&M.
YOLO COUNTY, CALIFORNIA.



"TORRENCE - CLAAR" 28-1
NAME OF WELL

WELL
100' CARDINAL REFERENCE POINTS

LAUGENOUR AND MEIKLE
CIVIL ENGINEERS
WOODLAND

TORRENCE-CLAAR 28-1
Drilling Program

LOCATION: Section 28, T10N, R1E, M.D.B. & M.
Yolo County, California

This program is to be followed within the requirements of the Division of Oil and Gas. Fax in a 24-hour drilling report each morning at approximately 7:15 AM on weekdays to Capitol Oil at (916) 929-4534. Monday morning reports are to include individual Saturday and Sunday reports. Week-end reports should be called in to John Peterson at (916) 721-0878 by 8:15 AM each morning.

1. Move in and rig up drilling rig.

2. Mix spud mud. Drill 12-1/4" hole to 510' to fit measurement of 8-5/8" OD casing on the pipe rack.

3. Run 8-5/8" OD 24.0#, J-55 casing to 510'. Use a weld on Guide Shoe on bottom. Insert float valve one joint above shoe. Baker-lok and tackweld bottom 2 joints. Centralizers on bottom two collars.

4. Cement 8-5/8" OD casing with class "G" cement premixed with 8% gel and 3% CaCl2 lead slurry followed by 100 sacks of class "G" premixed with 3% CaCl2. Total slurry mix to represent 50% excess of theoretical calculated fill to surface.

5. Install BOPE to meet D.O.G. requirements. Installation and test of BOPE to be witnessed and approved by D.O.G. before drilling out of 8-5/8" casing shoe.

6. Drill 7-7/8" directional hole to 3600'.
   A. Keep hole filled at all times.
   B. Wipe hole every 6-8 hours of actual drilling.
   C. Strap out of hole first trip after installing mud loggers, and on last bit run before TD.
   D. Follow attached directional program.

7. Keep drilling mud within the following paramaters:

DEPTH FEET	VISCOSITY SEC/QT	WATER LOSS CC/30min	WEIGHT PCF	MUD TYPE
surface casing	38-60	N/A	N/A	SPUD
Surface casing-3600'	AS PER TRI-	VALLEY MUD		CYPAN

*Mud properties adjusted according to drilling conditions - NOTIFY CAPITOL OIL BEFORE ANY CHANGES.

8. Install mud logging unit at 510' or as directed. Circulate for mud loggers as necessary to evaluate formations.

9. Run DIL/Sonic logs from TD to casing shoe or as directed.

10. Plug and abandon or run casing as directed by Operator.

CONTACTS IN ORDER

Div. of Oil & Gas - Dist. 6
RECEIVED
JAN 21 1994
Sacramento, California

CAPITOL OIL CORPORATION
YOLO COUNTY

TORRENCE CLAAR 28-1
slot #6

CALIFORNIA

P R O P O S A L L I S T I N G

by
Eastman Teleco

Your ref : PROPOSAL 1
Our ref : prop1463
License :

Date printed : 19-Jan-94
Date created : 4-Jan-94
Last revised : 19-Jan-94

Field is centred on 0.000,0.000,0.00000,M
Structure is centred on 0.000,0.000,0.00000,M

Slot location is n0 0 0.000,w0 29 10.843
Slot Grid coordinates are N 0.000, E 0.000
Slot local coordinates are 0.00 N 0.00 E
Reference North is True North

CAPITOL OIL CORPORATION
YOLO COUNTY,TORRENCE CLAAR 26-1
,CALIFORNIA

PROPOSAL LISTING Page 1
Your ref : PROPOSAL 1
Last revised : 19-Jan-94

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	RECTANGULAR COORDINATES		Dogleg Deg/100Ft	Vert Sect	
800.00	0.00	287.10	800.00	0.00 N	0.00 E	0.00	0.00	
900.00	0.00	287.10	900.00	0.00 N	0.00 W	0.00	0.00	
1000.00	3.00	287.10	999.95	0.77 N	2.50 W	3.00	2.62	
1100.00	6.00	287.10	1099.65	3.08 N	10.00 W	3.00	10.46	
1200.00	9.00	287.10	1198.77	6.92 N	22.48 W	3.00	23.52	
1300.00	12.00	287.10	1297.08	12.27 N	39.89 W	3.00	41.74	
1400.00	15.00	287.10	1394.31	19.14 N	62.20 W	3.00	65.08	
1498.59	17.96	287.10	1488.84	27.36 N	88.95 W	3.00	93.05	
1500.00	17.96	287.10	1490.18	27.69 N	89.35 W	0.00	93.48	
2000.00	17.96	287.10	1965.82	72.83 N	236.69 W	0.00	247.64	
2500.00	17.96	287.10	2441.46	118.16 N	384.06 W	0.00	401.81	
3000.00	17.96	287.10	2917.10	163.50 N	531.33 W	0.00	555.97	
3402.51	17.96	287.10	3300.00	200.00 N	650.00 W	0.00	680.07	TGT 1
3476.27	17.96	287.10	3370.16	206.69 N	671.74 W	0.00	702.82	
3576.27	17.96	287.10	3465.29	215.76 N	701.21 W	0.00	733.65	
3612.75	17.96	287.10	3500.00	219.06 N	711.96 W	0.00	744.90	

All data is in feet unless otherwise stated
Coordinates from slot #6 and TVD from wellhead.
Vertical section is from wellhead on azimuth 287.10 degrees.
Declination is 0.00 degrees, Convergence is 0.00 degrees.
Calculation uses the minimum curvature method.
Presented by Eastman Teleco

CAPITOL OIL CORPORATION
YOLO COUNTY,TORRENCE CLAAR 25-1
,CALIFORNIA

PROPOSAL LISTING Page 2
Your ref : PROPOSAL 1
Last revised : 10-Jan-94

Comments in wellpath

MD	TVD	Rectangular Coords.	Comment
3402.51	3300.00	200.00 N 650.00 W	TGT 1

Targets associated with this wellpath

Target name	Position	T.V.D.	Local rectangular coords.	Date revised
TGT 1	not specified	3300.00	200.00N 650.00W	4-Jan-96

All data is in feet unless otherwise stated
Coordinates from slot #6 and TVD from wellhead.
Bottom hole distance is 744.90 on azimuth 287.10 degrees from wellhead.
Vertical section is from wellhead on azimuth 287.10 degrees.
Declination is 0.00 degrees, Convergence is 0.00 degrees.
Calculation uses the minimum curvature method.
Presented by Eastman Teleco

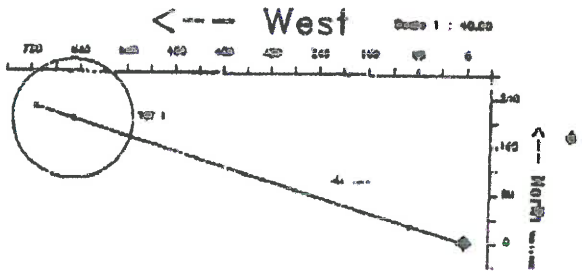
CAPITOL OIL CORPORATION

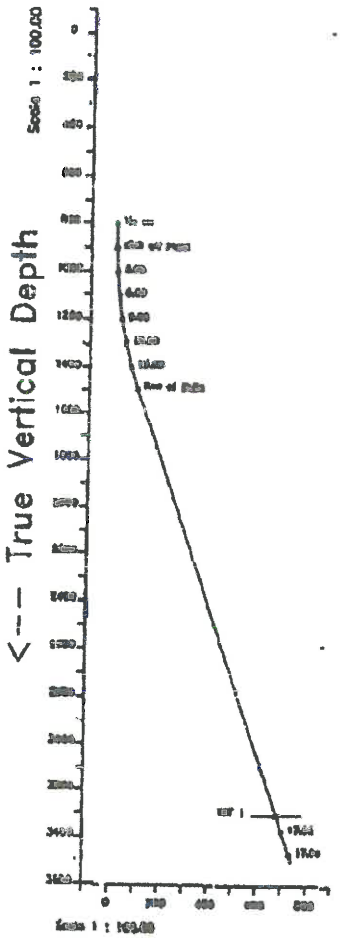
Structure : YOLO COUNTY Well : TORRENCE CLAAR 28-1

Field : Location : CALIFORNIA

WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East
Tie on	0.00	0.00	257.10	0.00	0.00	0.00
KOP	900.00	0.00	257.10	900.00	0.00	0.00
End of build	1400.00	17.00	257.10	1392.00	-27.00	-132.00
Target	3400.00	17.00	257.10	3292.00	-288.00	-1410.00
Total Depth	3516.00	17.00	257.10	3408.00	-310.00	-1518.00





Section at 257.10 azimuth with reference 0.00 N, 0.00 E from slot #6

Created by : vanhooz
Date plotted : 19-Jan-94
Plot Reference is PROPOSAL 1.
Coordinates are in feet reference slot #6.
True Vertical Depths are reference wellhead.

--- Eastman Teleco ---

CAPITOL OIL
CORPORATION

BRUCE D BROOKS
President

1545 RIVER PARK DRIVE, SUITE 501 / (916) 929-4141
SACRAMENTO, CALIFORNIA 95815

Div. of Oil & Gas - Dist. 6
RECEIVED
JAN 18 1994
Sacramento, California

14 January 1994

DEPARTMENT OF CONSERVATION
Division of Oil and Gas
20th Floor, MS 22
801 K Street
Sacramento, California 95814-3530

Re: Capitol Oil Corporation
Torrence-Claar 28-1
Section 28, T10N, R1E, M.D.B.&M.
Yolo County, California

Gentlemen,

We hereby request confidential status on the above referenced well. This well is intended to be a New Field Wildcat. If you have any questions or require additional information, please call.

Sincerely,

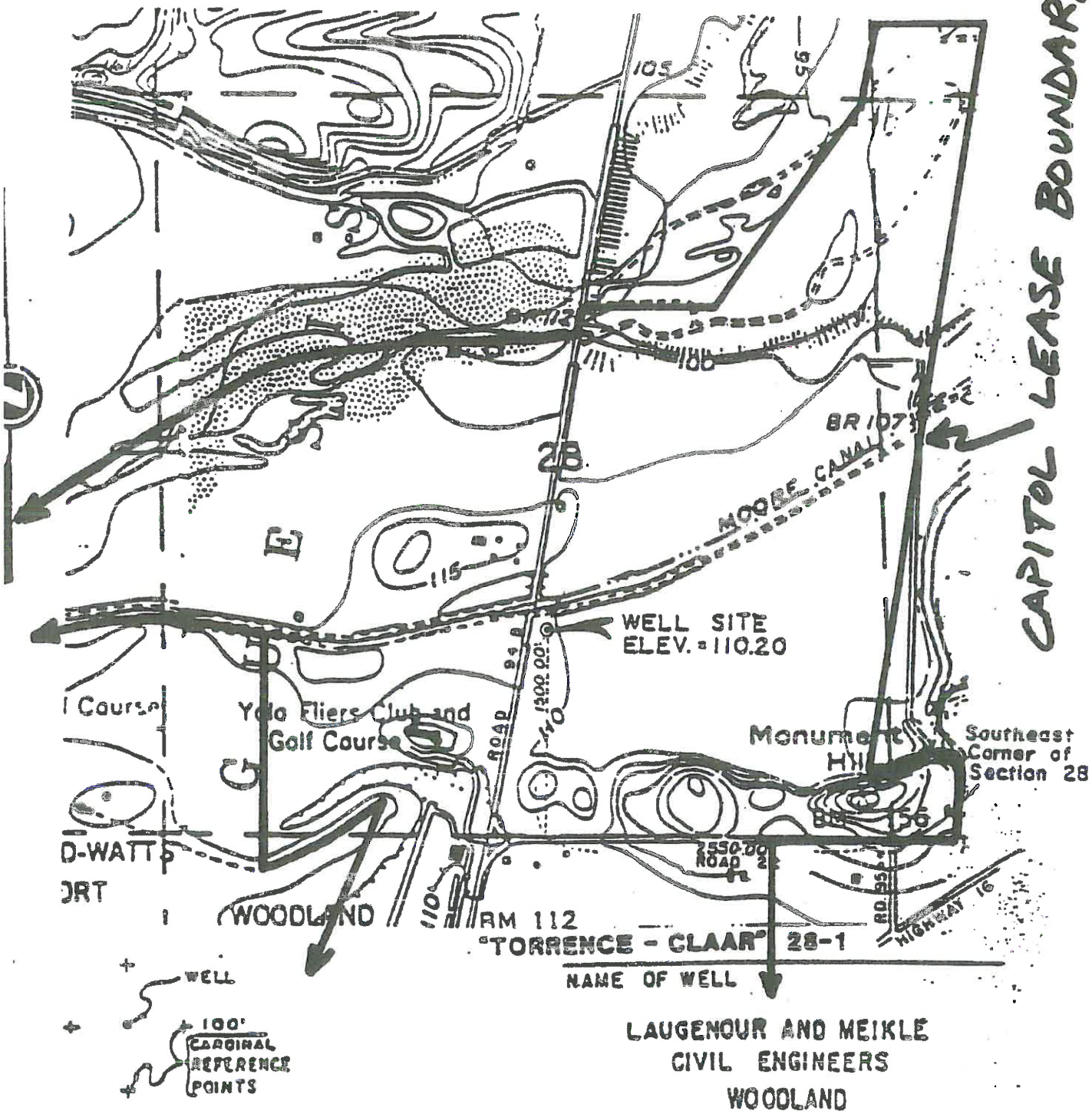
Rich W. Boyd
Geologist

SKETCH OF WELL LOCATION FOR

CAPITOL OIL CORP.

"TORRENCE - CLAAR" 28-1

WELL LOCATED 2550' FT. WEST ; 1500 FT. NORTH OF THE S.E. CORNER OF SEC. 28 T. 10 N., R. 1 E., M.D.B.&M.
YOLO COUNTY, CALIFORNIA.



LAUGENOUR AND MEIKLE
CIVIL ENGINEERS
WOODLAND

DISTRIBUTION

Phase I and Limited Phase II Environmental Site Assessment (ESA)
Shifler Property
Yolo County APNs 025-430-01, 025-430-02, 025-120-32 and 025-120-33
Woodland, California

September 27, 2007

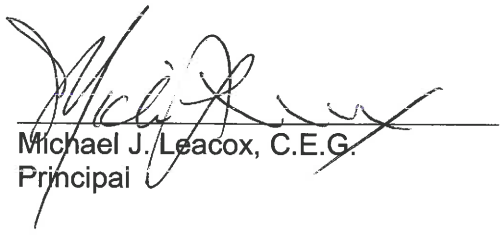
Copy No. 1

Copies 1-2: Mr. Ron Stickel
Teichert Aggregates
3500 American River Drive
Sacramento, California 95864-5805

Copies 3-5: Erin Quinlan Riley, Esq.
McDonough Holland & Allen, PC
555 Capitol Mall, 9th Floor
Sacramento, CA 95814

Copy 6: Project File

Quality Control Reviewer



Michael J. Leacox, C.E.G.
Principal