DEPARTMENT OF CONSERVATION

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ORDER NO. 951

BY

Hal Bopp

STATE OIL AND GAS SUPERVISOR

DATED

September 10, 2003

LOBODO, INC. (L2300)

Wells “Elkins” 2, 4, 5, 6, 7, 8, 9, 10, 11, 14, 16, 17, 18, 20 & 21
Sections 5 & 6, Township 3 North, Range 19 West, S.B. B. & M.
Shiells Canyon Oil Field

and

Well “Elkins” 1
Section 7, Township 3 North, Range 19 West., S.B.B.&M.
Bardsdale Oil Field

Ventura County

Bond No. M110818 – “Elkins” 10
Insurance Company of North America
To: Lobodo, Inc.  
Elkins Ranch Company:


The failure of an operator to file for any idle well the bond or fee required by Section 3206 of the Public Resources Code (PRC), or to provide for any idle well an escrow account or well-management plan in lieu of the bond or fee, is conclusive evidence under Section 3206(c) of the PRC of desertion of that well, permitting the State Oil and Gas Supervisor (Supervisor) to order that well plugged and abandoned. The Supervisor has determined that no bond, fee, or escrow account has been filed for wells “Elkins” 1, 2, 6, 7, 8, 9, 11, 16, 18, 20, and 21, which have been idle five or more years based on the reported production. Therefore, these wells are deserted and should be plugged and abandoned to protect life, health, and natural resources.

Additionally, the Supervisor has determined that all the wells listed in this order are deserted for various reasons under Section 3237 of the PRC. Under Section 3237(a)(3)(B), there is a rebuttable presumption that wells “Elkins” 4, 6, 9, 10, 14, 18, and 20 are deserted because their production equipment has been removed for at least two years. Under Section 3237(a)(2), there is credible evidence of desertion of all wells listed in this order because they are inoperable due to a lack of maintenance of the production equipment and tank facilities. There is a rebuttable presumption of desertion of well “Elkins” 18 under Section 3237(a)(3)(F) because the operator has failed to maintain access to the well. There is credible evidence of desertion of all wells listed in this order under Section 3237(a)(2) because the operator has failed to correct the environmental
deficiencies listed in a letter dated May 30, 2003, and in a Notice of Violation dated July 24, 2003. The operator has failed to comply with an order of the Supervisor regarding delinquent production reports and a Final Order Imposing Civil Penalty involving all the wells listed in this order, creating a rebuttable presumption of desertion of these wells under Section 3237(a)(3)(C). The operator has demonstrated a long-term lack of response to inquiries from the Division regarding idle-well management, environmental compliance, idle-well testing, production reporting, and failure to pay the oil and gas assessments, providing credible evidence of desertion under Section 3237(a)(2).

Therefore, acting pursuant to Sections 3206, 3224, 3226 and 3237 of the PRC, the Supervisor orders that all of the above-referenced wells be plugged and abandoned in accordance with Sections 3208, 3228, 3229 and 3230 of the PRC, Sections 1722 through 1724.1 and 1776 of Title 14 of the California Code of Regulations (CCR), and the requirements included on the Permits to Conduct Well Operations to be issued in accordance with Section 3229 of the PRC.

If a Notice of Intention to Abandon Well (Form OG108) for each well is not filed within 15 days after service of this order and work is not started within 30 days after issuance of the Permits to Conduct Well Operations and continued expeditiously and in good faith until completion, the Supervisor may contract for performance of the work pursuant to state contracting procedures. This work will also include the removal of the stationary and non-stationary oilfield equipment and non-oilfield equipment associated with the wells and well sites. An accurate account of the expenditures will be kept for reimbursement of the incurred costs. Because there is an individual bond for well “Elkins” 10, the first $10,000 of expenditures for the plugging and abandonment of this well, including a $2,010 service fee, will be charged to the bond. The remainder of costs shall constitute a lien against the real or personal property of the operator of the wells pursuant to the provisions of Section 3423 of the PRC.
This order may be appealed to the Director of the Department of Conservation within ten (10) days of receipt by the operator, or by the owner of the property on which the wells are located (Sections 3225 and 3350 of the PRC). Upon receipt of an appeal, the Director will schedule a public hearing pursuant to Section 3351 of the PRC.

Failure to perform the work specified or appeal the order by the operator will lead to the declaration of desertion for the wells and all equipment associated with the well sites for the performance of the work by the Supervisor and his contractors. Failure to appeal the order by the owner of the land on which a well or wells is/are located will be deemed a consent by that landowner to entry upon that land by the Supervisor and his contractors to perform the work specified in this order with respect to those wells and well sites.

Hal Bopp
State Oil and Gas Supervisor

by

Bruce H. Hesson
District Deputy

Cert. mail rec. no.: 7000-1670-0005-5855-6157
DECISION OF THE DIRECTOR
In the matter of the Appeal of Lobodo, Inc.
Order No. 951 of the State Oil and Gas Supervisor

Lobodo, Inc., Dr. Mark Doherty, President, Appellant
State Oil and Gas Supervisor, Division of Oil, Gas and Geothermal Resources, Department of Conservation, Respondent

HEARING PROCEDURE

This matter arises from Formal Order Number 951 of the State Oil and Gas Supervisor (Supervisor) of the California Department of Conservation, dated September 10, 2003, directing Appellant Lobodo, Inc. (Lobodo) to plug and abandon the following sixteen wells located in the Shiells Canyon Oil Field and the Bardsdale Oil Field:


According to Order 951, the Supervisor determined that all the wells are deserted for various reasons under § 3237 of the Public Resources Code (PRC). Further, the Supervisor found that wells “Elkins” 1, 2, 6, 7, 8, 9, 11, 16, 18, 20 and 21 are deserted pursuant to PRC § 3206(c).

Lobodo, by letter dated September 18, 2003, filed an appeal of the order to the Director of the Department of Conservation (Director). As provided in PRC § 3350 et seq., the Director called a de novo hearing on the appeal. The hearing was held on December 5, 2003 at the District 2 Office for the Division of Oil, Gas and Geothermal Resources (Division) in Ventura. I served as hearing officer, by delegation of the Director.

SUMMARY OF EVIDENCE PRESENTED RE: ORDER 951

At the hearing, Lobodo stipulated as to all facts asserted by the Supervisor in Order 951. Lobodo did not stipulate as to the Supervisor's conclusion, based on those facts, that the subject wells are deserted. Therefore, the question before me is whether the wells are deserted pursuant to PRC § 3206 and/or PRC § 3237. Also before me is the question of whether the Supervisor's Order 951 to abandon and plug the wells shall be upheld.
9. Lobodo has not maintained access to well "Elkins" 18 and did not offer evidence at the hearing to rebut the resulting presumption that this well is deserted. (PRC § 3237(a)(3)(F).)

10. As to all the wells listed in Order 951, Lobodo did not correct the environmental deficiencies listed in a letter dated May 30, 2003, and in a Notice of Violation dated July 24, 2003. This is further credible evidence that the wells are deserted, pursuant to PRC § 3237(a)(2).

11. As to all wells listed in Order 951, Lobodo did not comply with an order of the Supervisor regarding delinquent production reports and a Final Order Imposing Civil Penalty. At the hearing, Lobodo did not offer any evidence to rebut the resulting presumption that these wells are deserted. (PRC § 3237(a)(3)(C).)

12. Lobodo has demonstrated a long-term lack of response to inquiries from the Division of Oil and Gas and Geothermal Resources regarding idle-well management, environmental compliance, idle-well testing, production reporting, and failure to pay oil and gas assessments. This is credible evidence of desertion under PRC § 3237(a)(2).

At the hearing, Dr. Mark Doherty, president of Lobodo, requested Lobodo be granted an additional four months in which to seek a buyer of the leases for the wells. Given the apparent lack of funds to bring the well sites up to a working standard that might be attractive to a potential buyer, among other restraints, I determined that the four-month extension would not likely result in a return to production of the wells. Therefore, the request for an extension is denied. In consideration of all of the facts cited above, and based on the grounds established in PRC §§ 3206 and 3237, I hereby conclude that all sixteen wells "Elkins" that are the subject of Order 951 are deserted, and I uphold Order 951 in its entirety.

DATE: December 18, 2003

Carol Nelson, Deputy Chief
Division of Recycling
Department of Conservation
PROOF OF SERVICE

I, Judith P. Waggoner, declare as follows:

I am a citizen of the United States, over the age of 18 years and not a party to this action. My place of employment and business is as in the letterhead.

On the 19th of December, 2003 I mailed the attached:

Decision of the Director
In the matter of the Appeal of Lobodo, Inc.
Order No. 951 of the State Oil and Gas Supervisor
To

John F. Hertz, Esq.  Dr. Mark Doherty
Lobodo, Inc.  1909 South Elliot
236 S. Coronado St., #409  Pryor, OK 94361
Los Angeles, CA 90057-1456

By:

X First Class Mail. In a sealed envelope, with postage thereon fully prepaid, in the United States mail.

Overnight Delivery. In a sealed envelope cost fully prepaid.

Facsimile. Sent to the following number:

I declare under penalty of perjury that the foregoing is true and correct, and that this declaration was executed at Sacramento, California, on the 19th day of December, 2003.

Judith P. Waggoner
REPORT OF PROPERTY AND WELL TRANSFER

Field or County: Shells Canyon
Former Owner: Texaco, Inc.

Description of Property:
Sec. 5, T.3N., R.19W., S.B.B.& M.
Sec. 6, T.3N., R.19W., S.B.B.& M.

List of Wells
" 5 (111-02915) " 16 (111-02925)
" 6 (111-02916) " 17 (111-02926)
" 7 (111-02917) " 20 (111-02928)
" 9 (111-02919) " 21 (111-02929)
" 10 (111-02930) " 18 (111-02927)
" 11 (111-02921) " 14 (111-02923)

Date of Transfer: October 1, 1972
New Owner: Lobodo, Inc.
Address: P.O. Box 576
Santa Ynez, California 93460
Telephone No.: (805) 688-4313

Type of Organization: Corporation
Reported by: Texaco, Inc.
Confirmed by: Lobodo, Inc.

New Operator New Status: PA
Old Operator New Status: PA
Request Designation of Agent: Yes

Remarks:

cc: Cons. Comm.

INITIALS | DATE
---|---

Legend:
PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells

Deputy Supervisor: [Signature]

Form 121
New Well Cards
Well Records
Electric Logs
Production Reports
Map and Book
Form 148
Notice to be cancelled
Bond status
THE TEXAS COMPANY  
SANTA PAULA, CALIFORNIA

WELL SUMMARY REPORT

Operator: The Texas Company  
Field: Shinnel Canyon  
Location: Sec. 5, T. 3W, R. 1W, S.B. & M.  
Elevation above sea level: 2519 feet  
All depth measurements taken from top of Kelly Bushing which is 60 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1919, 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.

Date: August 5, 1954

(Signed) R. L. Patton  
(Superintendent)  
(Engineer or Chief)  
(President, Secretary or Agent)

Commenced drilling: 6-29-54  
Completed drilling: 7-10-54  
Drilling tools: Rotary

Total depth: 3984 feet  
Plugged depth: 2914 feet

Initial production: 6 bbl. per day  
Gravity: 28°  
Per cent water: 10  
Gas: 450 Mcf. per day  
Tubing pressure: 950

Production after 30 days: Shut In

Flowing/gas lift/pumping  
(cross out unnecessary words)

Casing Record (Present Hole)

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<tr>
<th>Size of Casing (A. F. L.)</th>
<th>Depth of Slot</th>
<th>Top of Casing</th>
<th>Weight of Casing</th>
<th>New or Second Hand</th>
<th>Seamless or Lapweld</th>
<th>Grade of Casing</th>
<th>Size of Hole Drilled</th>
<th>Number of Sacks of Cement</th>
<th>Depth of Cementing of Through Perforations</th>
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<td>10 ½&quot;</td>
<td>206</td>
<td>surf</td>
<td>40.5</td>
<td>New</td>
<td>Seamless</td>
<td>J-55</td>
<td>15 ½&quot;</td>
<td>80</td>
<td></td>
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<tr>
<td>7&quot;</td>
<td>2910</td>
<td>surf</td>
<td>23</td>
<td>New</td>
<td>Seamless</td>
<td>J-55</td>
<td>9 7/8&quot;</td>
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Perforations

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<th>Size of Casing</th>
<th>From</th>
<th>To</th>
<th>Size of Perforations</th>
<th>Number of Rows</th>
<th>Distance Between Centers</th>
<th>Method of Perforations</th>
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<td>7&quot;</td>
<td>2910 ft</td>
<td>1818 ft</td>
<td>80 mesh 2½&quot; slots</td>
<td>14</td>
<td>6&quot;</td>
<td>Machined</td>
</tr>
</tbody>
</table>

Note: Four joints of blank spotted in the perforated interval as follows:

2887 = 2830, 2839 = 2596, 2499 = 2388, 2260 = 2219.

Electrical Log Depths: 206 to 2988

(Attach Copy of Log)
History of Oil or Gas Well

Elkins J-7, Sec. 3N, T. 19W, R. S.B., B. & M.

Box 510, Santa Paula, California

DRILLING CONTRACTOR - HAGGESTAD DRILLING COMPANY

Spudded at 12:00 midnight. Drilled 15\(\frac{1}{2}\)" hole to 206'; and conditioned mud. Ran 10\(\frac{3}{4}\)", 40'-5', J-55 casing to 206'; and cemented through shoe with 30 sacks of construction cement treated with 8% gel. Cement returned to surface. Landed casing and installed blowout prevention equipment.

Tested casing to 400 psi for 15 minutes. Found top of cement at 202'. Drilled with 9-7/8" bit.

Mud weight 77; viscosity, 45; sand content, 6%.

Changed from clay base mud to oil emulsion mud at 1625'.

Began coring in 9-7/8" hole at 3638'. Cored continuously to total depth.

Ran electric log at 3802'. Mud weight 80; viscosity, 50; sand content, 3%.

Drilled to 3988', ran electric log and took sidewall samples. Pumped in 50 sacks of modified cement at 3920'. Pulled up to 3050' and pumped in 50 sacks of modified cement. Found top of plug at 2974'. Perforated interval 1813' to 2910'.

Ran 72 joints of 7", 23\# J-55 casing with shoe at 2910'. Cemented through perforations at 1802' with 265 sacks of modified cement treated with 8% gel. Bumped plugs with 700 psi. Cement did not return to surface. Ran 1" pipe to 62' between 7" and 10\(\frac{3}{4}\)" casing and pumped in 40 sacks of construction cement.

Installed blowout prevention equipment and tested casing to 750 psi for 15 minutes. Found top of cement at 1755' and cleaned out with bit and casing scraper to 1785'. Shot four \(\frac{3}{4}\)" holes at 1785' and tested for a water shut off. There was a light blow for 1\(\frac{1}{2}\) minutes and no blow for remainder of the 1 hour test.
DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator: The Texas Company

Well No.: Elkins 7/7

Field: Sante Fe

Well No.: Sec. 3N, T. 19W, R. S.A.

Date: August 5, 1954

Box 510, Santa Paula, California

Signed: Superintendent

Box 510, Santa Paula, California

Date: August 5, 1954

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during redrilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailer tests, shooting and initial production data.

DRILLING CONTRACTOR - HAGEDOST DRILLING COMPANY

6-29 Spudded at 12:00 midnight. Drilled 15/8" hole to 206' and conditioned mud. Ran 103/8", 40-55 casing to 206' and cemented through shoe with 30 sacks of construction cement treated with 8% gel. Cement returned to surface. Landed casing and installed blowout prevention equipment.

6-30 Tested casing to 400 psi for 15 minutes. Found top of cement at 202'. Drilled with 9-7/8" bit.

7-1 Mud weight, 77; viscosity, 45; sand content, 6%.

7-2 Changed from clay base mud to oil emulsion mud at 1625'.

7-10 Began-coring in 9-7/8" hole at 3683'. Cored continuously to total depth.

7-12 Ran electric log at 3802'. Mud weight, 80; viscosity, 50; sand content, 3%.

7-16 Drilled to 3988', ran electric log and took sidewall samples. Pumped in 50 sacks of modified cement at 3920'. Pulled up to 3050' and pumped in 50 sacks of modified cement. Found top of plug at 2974'. Perforated interval 1813' to 2910'.

7-17 Ran 72 joints of 7", 23#, J-55 casing with shoe at 2910'. Cemented through perforations at 1802' with 265 sacks of modified cement treated with 8% gel. Pumped plugs with 700 psi. Cement did not return to surface. Ran 1" pipe to 62' between 7" and 103/8" casing and pumped in 40 sacks of construction cement.

7-18 Installed blowout prevention equipment and tested casing to 750 psi for 15 minutes. Found top of cement at 1755' and cleaned out with bit and casing scraper to 1765'. Shot four 3/8" holes at 1765' and tested for a water shut off. There was a light blow for 1/2 minutes and no blow for remainder of the 1 hour test.
Recovered 30' of drilling fluid. The test was approved by the Division of Oil and Gas. Cleared out to bottom with bit and casing scraper.

7-19 Ran 99 joints (2869') of 2 7/8" tubing. Changed mud to salt water. Pulled 3 joints of tubing and landed tubing. (2803' of tubing left in the well.) Released rig at 2:00 P.M.

7-20 Ran pump and installed pumping unit. Pumping salt water to sump at 3:30 P.M.

7-21 Commenced flowing gas at 10:00 A.M. Shut in well, installed flow bean and connected lead line to traps. Casing pressure after being shut in for 3 hours = 890 psig. Began producing to traps at 2:30 P.M.

<table>
<thead>
<tr>
<th>Production History</th>
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<tbody>
<tr>
<td>Date</td>
</tr>
<tr>
<td>------</td>
</tr>
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</tr>
<tr>
<td>7-26</td>
</tr>
<tr>
<td>7-27</td>
</tr>
</tbody>
</table>

7-28 Killed well with 50 bbls. of salt water followed by 250 bbls. of oil base mud.

7-29 Pulled rods and pump. Installed valve on tubing, circulated oil base mud out with 530 bbls. of oil. Well flowed 12 bbls. of wash oil.

7-30 Well flowed 8 bbls. of wash oil.

7-31 Well flowed 3 bbls. of wash oil.

8-1 Well shut in.
### INCLINATIONS

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<th>Minutes</th>
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<td>3619'</td>
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<td>15</td>
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</table>
Oil stained sand: light gray-green with light tan stain, friable, medium grained, fairly poorly sorted, subrounded, feldspathic, silty and clayey, contains common dark green and occasional light green and pink accessory minerals; low porosity and permeability; light tan thorough oil stain, fair oil odor, dull light yellow-brown fluorescence, straw cut, clear to milky yellow-white cut fluorescence.

Oil Stained Sand: as at 1821 above, except very silty; low porosity and permeability; very light tan thorough oil stain, fair to good oil odor, even light yellow-brown fluorescence, light straw cut, milky yellow-white cut fluorescence.

Oil Stained Sand: very light gray to white with light tan thorough oil stain, friable, fine to medium grained, fairly poorly sorted, subangular to subrounded, feldspathic, very silty; low porosity and permeability; fair to good fairly high gravity oil odor, even yellow white fluorescence, straw cut, milky yellow cut fluorescence.

Oil Stained Sand: as at 1821 above; low porosity and permeability, very light tan patchy oil stain, fair to good oil odor, questionable very pale fluorescence, very faint straw cut, pale milky yellow cut fluorescence.

Oil Sand: even tan-brown oil stain, friable, fine grained, fairly well sorted, subangular, feldspathic, very silty; low porosity and permeability; good oil odor, even pale yellow-brown fluorescence, light whiskey cut, yellow-white cut fluorescence.

Oil Sand: even light brown oil stain, friable, fine - medium grained, fairly poorly sorted, subrounded, feldspathic, silty; low porosity and permeability; good oil odor, even pale light brown fluorescence, light amber cut, yellow cut fluorescence.
2695' Rec. 1" Silty Oil Stained Sand: light gray with light tan oil stain, soft, friable, fine to medium grained, fairly poorly sorted, feldspathic, very silty; low porosity and permeability to tight, fair to good oil odor, very dull yellow-brown fluorescence, dark whiskey cut, milky yellow cut fluorescence.

2746' Bullet empty

2784' Recovery fragment Silty oil sand: light brown oil sand, soft, fine grained, feldspathic, very silty; low porosity and permeability; fair oil odor, very pale questionable brown fluorescence.

2840' Rec. 3/4" Oil Sand: light tan oil stain, friable, fine grained, fairly poorly sorted, feldspathic, very silty, contains few thin gray clayey streaks; sample broken up; low porosity and permeability; good high gravity (?) oil odor, very pale yellow-brown fluorescence, light amber cut, milky yellow cut fluorescence.

2912' Rec. 3/4" Oil Sand: light brown oil stain, soft, friable, fine grained, fairly well sorted, feldspathic, silty, low porosity and permeability, good oil odor, questionable very pale brown fluorescence, amber cut, pale milky yellow cut fluorescence.
CORE DESCRIPTIONS

Core #1
3685-3717' Rec. 6' 3½'
Described by J. W. Vernon 7-11-54
Sand, light to medium gray friable with ease, massive, no dips, fine to medium grained, subangular to subrounded, locally very silty and tight but fair porosity and permeability where not so silty, arkosic with common colored grains, shades of green and red, locally contains scattered biotite. No live oil, stain, odor, cut nor fluorescence.

2' Clayey siltstone, dark gray-brown, firm-friable, some slickensiding, in places finely sandy and micaceous.

½' Sand, medium to dark gray, firm-friable, medium to coarse grained, subangular to subrounded with common red and green grains, common light gray clayey patches. No oil stain, odor, cut nor fluorescence. Core is badly mud injected.

Core #2
3717-3739' Rec. 10' 10'
Sand, light to medium gray, firm-friable, massive, no dips, fine to medium grained, clayey and silty, subangular to subrounded, arkosic, many colored grains shades of green and red. Poor porosity and permeability. No oil stain, odor, cut nor fluorescence.

Core #3
3739-3748' Rec. 5' 5'
Sand, light gray with light greenish cast, firm-friable, massive, fine to medium grained, subangular to subrounded, very silty locally friable with moderate amount of silt, common grains colored shades of green and red, tight, no stain, odor, cut nor fluorescence.

Core #4
3748-76' Rec. 7' 7'
Sand, light gray same as core #3 above.

Core #5
3776-3802' Rec. 19' 7'
Described by G. T. Benson
Clayey sand: light gray with slight bluish or greenish cast to locally pink, massive, soft, compact, medium grained, subangular, feldspathic, micaceous, contains common, red-brown and orange accessory minerals; contains up to 40% green to white clay; tight; no visible stain, odor or fluorescence.
Core #5 Cont'd. 4½
Siltstone: medium to dark gray with brown cast, thin bedded, fairly soft to crumbly, badly sheared and broken up; no visible stain or odor.

7½
Clayey sand: light to medium gray-green, massive, soft, medium grained, poorly sorted, subangular, feldspathic, contains common red-brown, orange and green accessory minerals, contains estimated 30% clay both interstitial and in streaks and patches; core sheared with common slickensiding especially near base; tight; no stain, odor or fluorescence.

Core #6 3802-3808' Rec. 5' 1'
Sand: green gray, thick bedded, firm, medium grained, fairly poorly sorted, subangular, feldspathic, micaeous, contains common round pink and green accessory minerals, contains much light green and white clay, tight. No visible stain or odor. Dip fair to poor 75° to 80° at base. No fluorescence.

1'
Claystone: maroon brown and dark gray green, fairly soft and crumbly, badly sheared. No shows.

3'
Clayey sand: light gray with blue-green cast, apparently massive, firm and locally hard, medium grained, feldspathic, slight mica, contains common accessory minerals. Contains much clay (to 30%) in streaks, sheared and slicked, tight no visible stain or odor. No fluorescence.

Core #7 3808½-3822½ Rec. 10' 4'
Clayey sand: light to medium gray-blue green, massive, fairly firm, medium grained, fairly poorly sorted, subangular, feldspathic, slightly micaeous, contains much clay, sheared and somewhat broken up with clay and slickensides along shear planes, common 60° partings, tight, no visible stain or odor, no fluorescence.

3'
Interbedded sand, clayey sand and shale. Interbedded in beds to 8½ thick; sand as above, shale predominately red brown with minor gray green, locally silty but predominately clay, shows much shearing. Very poor steep (80° ±) dip.

3'
Shale as above. One 3" piece of sand as above at base of core. No shows.

DIVISION OF OIL AND GAS RECEIVED
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DIVISION OF OIL AND GAS  
RECEIVED  
AUG 13 1954

SANTA PAULA, CALIFORNIA

Core #8  
3022-3036  
Rec. 10 5/8

Clayey sand: light to medium gray with blue green cast and locally pink cast; massive, fairly soft, medium to fine grained, subangular, fairly well to fairly poorly sorted, feldspathic, slightly micaceous, contains abundant red and green accessory minerals, silty and very clayey, shows much shearing with clay along shear planes, locally contains patches composed largely of blue green silt and clay, contains occasional streaks of blue green and chocolate brown to pink claystone; tight; no visible stain; extremely faint oil odor (questionable), no cut color, no cut fluorescence, no fluorescence.

1 1/2
Shale: dark brown to locally dark gray green, fairly soft but firm, clayey, sheared.

3
Gouge: dark brown to almost black, clayey, highly sheared and broken up with common slickenside. May contain small amount of oil in fractures from faint oil odor but stain not visible, rare specks yellow fluorescence.

Gas bubbles locally noted on mud sheath in lower 5' of core.

Core #9  
3036-3085  
Rec. 17 12'

Gouge: dark chocolate brown, soft and crumbly, clayey, no visible stain; faint to fair oil odor, no fluorescence.

5
Clayey sand: light to medium gray with slight blue cast; fairly soft, fine to medium grained with few coarse grains, subangular to subrounded, feldspathic, few accessory minerals (decrease from previous cores) usually brown or pink, rare mica; contains up to 40% clay; sheared and fractured throughout with clay and slickensides on fractures; low porosity and permeability to tight, light yellow-brown oil stain in few places along fractures, very faint to faint oil odor, dark straw cut, yellow cut fluorescence, spotty yellow white fluorescence.

Core #10  
3085-3082  
Rec. 10 9 1/2

Gougey sand: light to medium gray with slight blue cast, soft to locally firm, breaks up easily, fine to medium grained, fairly poorly sorted, subangular, feldspathic, contains up to 40% or more clay developed along shear planes throughout the sand and particularly in lower 4 1/2'; entire sand is
sheared and fractured with clay and slicken-siding on shear planes surfaces, tight, no visible stain, questionable very faint oil odor, spotty yellow white fluorescence, light straw cut, clear yellow cut fluorescence.

Gouge: dark gray brown, soft and crumbly, clayey; as in core #9 above.

Sandy siltstone: brown, soft, probably more or less mud impregnated, contains up to 40% of very fine sand, tight, no visible stain, faint to fair oil odor, no cut color, dull yellow brown fluorescence very pale, bright yellow cut fluorescence, upper portion of core dissolved in mud to form thick fluid mass. Siltstone apparently contains few thin streaks light gray sand, fine to medium grained, as occasional chunk of siltstone with sand streaks observed in fluid.

Pebbly gouge: gouge chocolate brown, soft, crumbly, silty and clayey. Contains occasional pebbles subrounded to rounded of gray brown shale and gray siltstone to 1/8" diameter maximum. No stain, fair odor of H2S. Siltstone pebbles have yellowish white fluorescence, probably mineral. Extremely pale yellow cut color, yellow cut fluorescence.

Gouge: dark gray brown, soft, crumbly, clayey and silty, no visible stain, faint H2S odor. Contact with underlying suggests steep (80°±) dip.

Clayey Sand: medium gray, fairly soft to friable with difficulty, bedding indistinct, fine to medium grained, fairly poorly sorted, subangular, feldspathic, slightly micaceous, very silty and clayey, sheared and fractured with fractures filled with clay, common streaks dark brown silty clay (gouge) to 1/2" thick near base; low porosity and permeability to tight. Few spots light yellow brown oil stain, faint to fair H2S - oil odor, very pale straw cut. Pale yellow cut fluorescence, few specks yellow-white fluorescence.

Gouge: dark gray brown to black, soft, crumbly, clayey and slightly silty. At 4' below top contains one 1/2" thick bed gray green siltstone, soft, finely sandy, dip 75°/2 slight to fair H2S odor throughout.
Core #12 Cont'd.  3'
Sand: light to medium gray, fairly soft, bedded. Middle to lower 1' contains common pebbles, hard, dark gray shale, light gray sandstone to 3/8" diameter, fairly poorly sorted, silty and clayey, feldspathic. Contains common biotite, very few scattered accessory minerals, predominantly dark green. Tight, patchy light brown oil stain, faint to fair H2S - oil odor, straw cut, bright yellow cut fluorescence, spotty light yellow-brown fluorescence.

Siltstone: medium gray, soft, thin bedded, contains up to 30% fine and very fine sand, common biotite, no oil stain, no odor.

Core shows common gas bubbles on mud sheath throughout, no barrel flash.

Core #13  3927-3957'.  Rec. 11'.  11'
Pebbly Clayey Sand: light to medium gray with patchy extremely light yellow-brown oil stain, massive, soft and friable, medium to coarse and very coarse, subangular to rounded, poorly sorted, feldspathic, contains occasional accessory minerals of various shades of green, very silty and clayey, contains occasional to locally common small rounded pebbles to 1" diameter mainly of gray and dark gray shale, contains occasional shears and fractures with clay along shear planes. At 3' and 6' below top contains streaks of siltstone, gray-green, soft, clayey, streaks to several inches thick, low porosity and permeability to tight; slight to fair oil odor, straw to dark straw cut, spotty to even light yellow-gold fluorescence, clear yellow cut fluorescence.

Core #14  3957-3987'.  Rec. 1½'.  1½'
Siltstone: gray-green, massive or poorly bedded, fairly soft, clayey and variable finely sandy throughout, contains minor biotite; no stain or odor; siltstone contains streaks of sand, light gray-green to white, medium to coarse grained and containing rounded pebbles to 1" diameter maximum, poorly sorted, feldspathic, clayey and silty; no visible stain, no odor, no fluorescence, no cut color, extremely pale yellow cut fluorescence.

Core #15  3987-3988'.  Rec. 2'.  2'
Shaley Sand: light gray to nearly white with greenish cast, massive, friable to friable with...
difficulty, medium to very coarse grained, contains common small rounded pebbles to \( \frac{1}{2} \)" diameter, feldspathic, silty and clayey; contains common streaks and inclusions of gray-green clayey siltstone and olive green claystone, irregular to several inches thick; fair to low porosity and permeability; no visible stain, no odor, no fluorescence, pale clear yellow cut fluorescence.
REPORT OF WELL ON PRODUCTION

REGION: Coastal
DISTRICT: Santa Clara Valley
FIELD: Shieles Canyon
GROUP: Sespe
COMPLETED: 19
RECOMPLETED: 19
RECONDITIONED: 19
RESUMED: 19

METHOD OF PRODUCTION: Pumping
MAKE OF PUMP: 
SIZE OF PUMP: 

LEASE: Elkins
SEC.: T.
WELL NO.: R.
PREVIOUS WELL DATA

TOTAL DEPTH: 3286'
PLUG: 2974'
W.S.O.: 7" C. 2910' C/P 1802'
W.LINER: 7" C. 2910' incl. 80M
PLUG: 2974'
W.LINER: 7" C. 2910' incl. 80M
PERFS: 1818'- 2219'
PERFS: 2260'- 2338'
PERFS: 2429'- 2596'

PRESENT WELL DATA

TOTAL DEPTH: 2910'
SIZE TBG: 2 1/2"
DEPTH TBG: 2339'
PUMP DEPTH:
PACKER AT: 7" C. 2910' C/P 1802'
LENGTH OF STROKE: S.P.M.
PRODUCTION AS OF: 7/23/54

REMARKS:

GROSS FLUID: B/D
GROSS OIL: B/D
NET OIL: 1
GRAVITY: 40.0
CUT: 68.0

NET GAS: 500
CIR. GAS: MCF
TOTAL GAS: MCF
G/O RATIO: MCF

PRESSURE: 750 TGB, 805 CSG
CSG: 14/64" TRAP

BEAN: TBG, 750 CSG

DATE: 6/29/54

<table>
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<tr>
<th>DATE</th>
<th>NET</th>
<th>GRAV.</th>
<th>% CUT</th>
<th>T.P.</th>
<th>C.P.</th>
<th>BEAN</th>
<th>M.C.F.</th>
<th>G.O.R.</th>
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ELEVATION: 564' KB
LOCATION: 39°51'S. & 66°11'W. NE Corn. of SW 1/4 of NW 1/4 of Section 5-5-19

CARD TO ENG. CLERK: P.7
FIELD ENG: Right
Effective Date: 2910'

P/L CO: 
GAS TO: 
By: Temple 
DATE: 7/23/54

Revised Santa Paula

Show length, size, perforated intervals of liner or oil string.

Form E-113
DEAR SIR:

Your well No. "Elkins" 7, Sec. 5, T. 3 N., R. 19 W., S.B., B & M. Shieals Canyon Field, in Ventura County, was tested for water shut-off on July 16, 1954, designated by the supervisor was present from 4:15 p.m. to 5:20 p.m. as prescribed by law; there were also present H.C. Honeysett and Rny Wood, drilling foremen.

Shut-off data: 7 in. 23 lb. casing was cemented through ports at 1802 ft.
on July 17, 1954 in 9-7/8 in. hole with 905 ft. of cement calculated to fill behind casing to 2 ft. below surface.

Casing record of well: 10 3/4" cas. 206'-7" id. 2910'-1918'-2910'. Four 1/2" test holes at 1780' W.S.D. Plugged with cement 2920'-2902' and 3050'-2974'.

Present depth 3988 ft. cmt. bridge 1802 ft. to 1785 ft. Cleaned out cmt. 1757 ft. to 1785 ft. for test. A pressure of 750 lb. was applied to the inside of casing for 10 min. without loss after cleaning out to 1785 ft. A Halliburton gun and tester was run into the hole on 3/4 in. drill pipe tubing, with none ft. of water-mud cushion, and packer set at 1745 ft. with tailpiece to 1767 ft. Tester valve, with 5/8 in. bean, was opened at 3:10 p.m. and remained open for 1 hr. and 0 min. During this interval there was a light blow for 1 min. and no blow thereafter.

Mr. Honeysett reported:

1. On July 16, 1954, 50 sacks of cement was pumped into the hole through 4½" drill pipe hanging at 3920'.
2. The top of this plug is at 3802', theoretically.
3. On July 16, 1954, 50 sacks of cement was pumped into the hole through 4½" drill pipe hanging at 3050'.
4. The top of this plug was located at 2974'.
5. The 7" casing was then cemented with details as given above in the form.
6. The hole was cleaned out to 1785'.
7. The 7" casing was shot perforated with four 1/2" test holes at 1780', and a Johnston testing tool was run with details as given above in the form.

The inspector noted:

1. About 30' of light drilling fluid entered the drill pipe during the test, equivalent to 0.2 bbl.
2. The pressure bomb charts showed that the testing tool functioned properly during the entire test.

THE 7" WATER SHUT-OFF AT 1780' IS APPROVED.

CC: T W Bell, Los Angeles

E.H. Musser
R. Dr. Bush, State Oil and Gas Supervisor

By Stephen H. Rack, Deputy
DEAR SIR:

Your proposal to drill Well No. "Elkins" 7

Section 5, T. 3N., R. 19W., S.B. & M., Shielas Canyon Field, Ventura County,
dated June 24, 1954, received June 25, 1954, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:
"Location of Wells: 661.0 feet West along property line and 395.00 feet South at right angles to said line from the NE corner of the SW 1/4 of the NW 1/4 of section 5 Elevation of ground above sea level 551.9 feet. All depth measurements taken from top of Kelly Bushing which is 12" above ground."

PROPOSAL

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>PROPOSED CASING PROGRAM</th>
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<tbody>
<tr>
<td>Inches A.F.I.</td>
<td>Weight</td>
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<tr>
<td>10 3/4</td>
<td>40.5</td>
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<tr>
<td>7</td>
<td>23</td>
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</table>

Intended zone or zones of completion: Basolo."

DECISION: Your proposal is APPROVED provided that:
1. Sufficient cement shall be pumped back of the surface casing to reach to the surface.
2. The well is, at all times, kept full of drilling fluid of proper weight and quality and adequate equipment is provided and kept ready at the well to prevent blowouts.
3. Any sidetrack hole penetrating an oil or gas zone shall be plugged with cement insofar as possible.
4. This Division shall be notified to witness a test of the 7th water shut-off.


CC: T W Bell

E. H. MUSSE
State Oil and Gas Supervisor
Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

Santa Paula, Calif.

June 24, 1954

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. Elkins #7, Sec. 5, T. 3N, R. 19W, S.B.B. & M. Shihers Canyon Field, Ventura County.

Legal description of lease

(Attach map or plot to scale)

Location of Well: 661.0 feet West along property line and 395.00 feet South at right angles to said line from the NE corner of the SW1/4 of the NW1/4 of section Sec. 5

Elevation of ground above sea level 551.9 feet datum.

All depth measurements taken from top of Kelly Bushing which is 12 feet above ground.

PROPOSED CASING PROGRAM

<table>
<thead>
<tr>
<th>SIZE OF CASING</th>
<th>INCHES A.P.I.</th>
<th>WEIGHT</th>
<th>GRADE AND TYPE</th>
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<th>BOTTOM</th>
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<tr>
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<td>23</td>
<td>J-55</td>
<td>surf</td>
<td>4000'</td>
<td>4000'</td>
<td></td>
</tr>
</tbody>
</table>

Intended zone or zones of completion: Basolo

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address: P.O. Box 510, Santa Paula, Calif. The Texas Company (Name of Operator)

Telephone Number: 6-F

By: P.O. Giddens Dist. Petr. Engineer

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED