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:

(111-02928), and “Elkins” 21 (111-02929).

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.  
Lobodo, Inc.
236 S. Coronado St., #409
Los Angeles, CA 90057-1456

Dr. Mark Doherty
1909 South Elliot
Pryor, OK 94361

By:

[ ] 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 CORRECTION OR CANCELLATION

Santa Paula, California

May 20, 1960

Mr. 0 W Chenette
P O Box 3217
Ventura, California
Tennessee Inc.

In accordance with well summary report, dated May 16, 1960

the following change pertaining to your well No. "Elkins" 21,
Sec. 5, T. 3N, R. 19W, S.B. B. & M., Shilohs Canyon field,
Ventura County, District No. 2, is being made in our records:

A The corrected location is 670 ft. S'ly along section line and 1,489 ft. E'ly at Right Angles to said line from the W_ corner of section 5 T3N, R19W, S.B.B&M.

B The corrected elevation is 726 ft. above sea level. All depth measurements taken from top of K.B. 508 which is 124 feet above ground.

☐ Report No. , dated , has been corrected as follows:

☐ Your notice to (Drill, abandon, etc.) , dated ,

and our report No. P , issued in answer thereto, are hereby cancelled inasmuch as the work will not be done. If you have a drilling bond on file covering this notice it will be returned. No request for such return is necessary.

☐ Other:

E. H. Musser
State Oil and Gas Supervisor

By: [Signature]
Deputy Supervisor
Operator: Texaco Inc.  
Well No.: Elkins #23  
SANTA PAULA, CALIFORNIA

Sec.: 5, T.: 3N, R.: 19W  
S.B. & M. Shells Canyon Field  
Ventura County.

Location: 670' S'ly along the W'ly line of Sec. 5 from the W corner thereof.  
Hence E'ly at 90°, 1489'.  
Elevation of ground above sea level: 796.45 feet.

All depth measurements taken from top of Kelly Bushing, which is 11.7 feet above ground.  

In compliance with Sec. 3215, 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.

Date: Feb. 26, 1960  
Signed:  
W. C. Caronette  
Title: District Superintendent

Commenced drilling: 12-25-59  
Completed drilling: 12-28-59  
Total depth: 6670'  
Plugged depth: None

Junk:  

Geologic age at total depth: Eocene  
Name of producing zone: Eocene Apt.

<table>
<thead>
<tr>
<th>Date</th>
<th>Flowing pluslift/pumping</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-5-60</td>
<td>(Cross out unnecessary words)</td>
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</tbody>
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<table>
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<th>Gravity</th>
<th>Per Cent Water</th>
<th>Gas</th>
<th>Tubing</th>
<th>Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbl. per day</td>
<td>Clean Oil</td>
<td>including emulsion</td>
<td>Mcf. per day</td>
<td>Pressure</td>
<td>Pressure</td>
</tr>
<tr>
<td>65</td>
<td>30.7</td>
<td>72</td>
<td>27</td>
<td>50</td>
<td>825</td>
</tr>
<tr>
<td>21</td>
<td>30.7</td>
<td>80</td>
<td>21</td>
<td>100</td>
<td>850</td>
</tr>
</tbody>
</table>

Casing Record (Present Hole)

<table>
<thead>
<tr>
<th>Size of Casing (A. P. I.)</th>
<th>Depth of Shoe</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 if through perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-3/4&quot;</td>
<td>414'</td>
<td>Surf.</td>
<td>40.5#</td>
<td>New</td>
<td>Seamless</td>
<td>J-55</td>
<td>15&quot;</td>
<td>250</td>
<td></td>
</tr>
<tr>
<td>6670'</td>
<td>6014'</td>
<td>Surf.</td>
<td>15#</td>
<td>New</td>
<td>Seamless</td>
<td>II-60</td>
<td>6-1/8&quot;</td>
<td>770+8/1</td>
<td></td>
</tr>
</tbody>
</table>

Perforated Casing

(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

6670' = 6542'  
6014', 12R, 2"S, 6"G

6482' = 6014'  
6014', 12R, 2"S, 6"G

Electrical Log Depths: 414' = 6670'  
(Attach Copy of Log)
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 re-drilling, 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, balling tests, shooting and initial production data.

**DRILLING CONTRACTOR - A. D. RUSHING**

**MUD COMPANY - BROWN MUD CO.**

11-25
Spudded with a 9-7/8" bit. Drilled to 412'. Opened the 9-7/8" hole to 15" from surface to 411'. Ran 10 jts. of 10-1/4", 10,500# J-55 casing with the shoe at 411'. Cemented through the shoe with 250 sks. of construction cement. Good returns to the surface. Installed casing head and BOP. Tested the BOP with 1500 psi. for 15 minutes. Pressure held O.K.

11-26
Found top of cement at 412'. Drilled out the cement and shoe with a 9-7/8" bit. Drilled to 495' and lost circulation for 5 hours. Regained circulation. Drilled to 652' and lost circulation again.

11-27
Regained partial circulation. Drilled to 685' and lost circulation completely. Hung open end drill pipe at 651'. Pumped in 100 sks. of construction cement premixed with 100 sks. of perlite, 1/2# gel, and 20% Cal-Seal. Located the top of the cement at 566' (not hard). Hung open end drill pipe at 564'. Pumped in 100 sks. of construction cement premixed with 100 sks. of perlite, 1/2# gel, 20% Cal- Seal, and 1.3 CaCl2. Felt for plug; could not locate any cement. Hung open end drill pipe at 647'. Pumped in 100 sks. of construction cement premixed with 100 ft. of perlite, 1/2# gel, 20% Cal-Seal, and 1.3 CaCl2. Located top of cement at 574'.

11-28
Hung open end drill pipe at 566'. Pumped in 100 sks. of construction cement premixed with 100 ft. of perlite, 1/2# gel, 1/4 CaCl2. Found top of cement at 472'. Cleaned out cement from 472' to 685'. Regained full circulation. Total lost circulation time: 11-26-59 (495') to 11-28-59 (685'). Drilled with 9-7/8" bit.

11-29

12-7
Drilled to 3730'. Mud conditions: Weight - 77# ft.3, viscosity - 43 sec., fluid loss - 10.4 cc., cake thickness - 2/32", pH - 8.5.
12-14  Drilled to 5900'. Reduced bit size from 9-7/8" to 6-1/8". Mud conditions: Weight - 78-1/2#/ft.³, viscosity - 50 secs., fluid loss - 7.5 cc, cake thickness - 2/32", sand content - 6%.

12-15  Drilled to 6023'. Ran electric log and took sidewall samples. Drilled to 6115'. Ran electric log and took sidewall samples.

12-16  Opened the 6-1/8" hole to 9-7/8" from 5900' to 6055'. Ran 14.5 jts. of 7" casing as follows:

- 6055'-5796'  26# J-55 T & C
- 5796'-5700'  26# N-80  "
- 5700'-2682'  26# J-55  "
- 2682'-58'   23# J-55  "
- 58'-Surf.    26# J-55  "

Differential fillup shoe - 6055'.
Baffle collar - 5965'.
Stage collar - 3506'.

Cemented through the shoe with 200 sks. of construction cement premixed with 4% gel followed by 150 sks. of neat construction cement. Cemented through the stage collar with 770 sks. of construction cement premixed with 4% gel.

12-17  Landed the casing and installed the tubing head. Tested pack-off with 3000 psi. for 15 minutes. Installed the BOPE. Tested BOPE with 1500 psi. for 15 minutes.

12-18  Located the top of the cement at 3504'. Drilled out to 5906'.

WSO #1  Ran combination shoot and tester. Shot 4, 1/2" holes at 6035'. Jet packer at 5864', with tail to 6005'. Opened tester for one hour. Medium blow throughout the test. Recovered 2139' of drilling fluid and salt water. The test was not approved by the D.O.G.

Squeeze #1  Ran squeeze tool. Set the packer at 5919'. Breakdown pressure was 2500 psi. which bled back to 0 psi. Pumped in 75 sks. of modified cement. Maximum pressure was 3400 psi., and the final pressure was 2825 psi. Estimated 72 sks. were displaced through the holes at 6035'.

12-19  Found the top of the cement at 5989'. Cleared out to 6045'.

WSO #2  Ran combination shoot and tester. Shot 4, 1/2" holes at 6040'. Opened tester for one hour. Medium blow throughout. Gas reached the surface in 30 minutes. Recovered 183' of oil and gas cut drilling fluid. Charts indicated no plugging. The test was approved by the D.O.G. Drilled out cement 6045' to 6065'. Cleared out to 6115'. Changed over to Ken-X inverse emulsion oil base drilling fluid.

Mud conditions: Weight - 72#/ft.³, viscosity - 59 secs.

12-20  Core #1  Cored from 6115' to 6297' with a 6-1/8" core barrel. Recovered 14'. Drilled with a 6-1/8" bit from 6129' to 6199'.
12-21 Core #2  Cored from 6199' to 6223'. Recovered 24'. Drilled ahead.

12-23 Drilled to 6441'. Cored from 6441' to 6456'. Recovered 4'. Drilled.

12-26 Drilled to 6670' TD. Ran induction neutron log. Ran 17 jts. of 5", 15#/N-80 T&C liner as follows:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
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<tbody>
<tr>
<td>6670'</td>
<td>Shoe</td>
</tr>
<tr>
<td>6542'</td>
<td>Blank</td>
</tr>
<tr>
<td>6482'</td>
<td>Perf. (60M, 12R, 2&quot;S, 6&quot;O)</td>
</tr>
<tr>
<td>6014'</td>
<td>Perf. (60M, 12R, 2&quot;S, 6&quot;O)</td>
</tr>
</tbody>
</table>

12-27 Ran 217 jts. of 2-1/2" Hydrol CS and EUE as follows:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
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<tr>
<td>6502'</td>
<td>Shoe</td>
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<tr>
<td>5700'</td>
<td>Surf. 191 jts. of EUE J-55.</td>
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</table>

Landed the tubing and removed the BOPE. Installed the wellhead equipment and displaced the Ken-A with lease crude. Well commenced flowing.

12-28 Released the rig.

<table>
<thead>
<tr>
<th>Date</th>
<th>B/D</th>
<th>Oil Cut</th>
<th>Gas MCR/D</th>
<th>Choke 6th</th>
<th>Gravity °API</th>
<th>Tbs/csg psi</th>
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<tr>
<td>12-26</td>
<td>166</td>
<td>57</td>
<td>---</td>
<td>---</td>
<td>30.9</td>
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</tbody>
</table>

12-29 Flowed intermittently 15 BO, 7 BW 125/575 61 bbls. circulating oil remained to be recovered.

12-30 Flowed 17 BW. No oil. Installed pumping unit.

12-31 Well stopped flowing.

1-2-60 Ran pump and rods as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Oil Cut</th>
<th>Choke 6th</th>
<th>Gravity °API</th>
<th>Tbs/csg psi</th>
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<tbody>
<tr>
<td>1-3-60</td>
<td>100</td>
<td>---</td>
<td>---</td>
<td>20/525</td>
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<tr>
<td>1-4-60</td>
<td>63</td>
<td>11</td>
<td>30.7</td>
<td>50/850</td>
</tr>
</tbody>
</table>

*Includes 36 bbl. of circulating oil.
<table>
<thead>
<tr>
<th>Date</th>
<th>Oil B/D</th>
<th>Gut %</th>
<th>Gas MCF/D</th>
<th>Choke 64th</th>
<th>Gravity API</th>
<th>Tbs/csg psi</th>
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<tbody>
<tr>
<td>1-5-60</td>
<td>65</td>
<td>72</td>
<td>27</td>
<td>11</td>
<td></td>
<td>50/825</td>
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<tr>
<td>1-6-60</td>
<td>61</td>
<td>73</td>
<td></td>
<td></td>
<td></td>
<td>50/935</td>
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<tr>
<td>1-12-60</td>
<td>Pulled the rods and pump and a 2-1/2&quot; x 1-1/4&quot; pump. Ran the same rods as above (1-2-60)</td>
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<tr>
<td>1-12-60</td>
<td>55</td>
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<td></td>
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<td>50/230</td>
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<td>1-13-60</td>
<td>57</td>
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<td>65</td>
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<td></td>
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<td>1-31-60</td>
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<td>30.7</td>
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DIVISION OF OIL AND GAS
RECEIVED
MAY 16 1960
SANTA PAULA, CALIFORNIA
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<th>Degree</th>
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<td>3228'</td>
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<tr>
<td>230'</td>
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<td>15</td>
<td>3318'</td>
<td>1</td>
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<td>1</td>
<td>15</td>
</tr>
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<td>1</td>
<td>10</td>
<td>3784'</td>
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</tr>
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<td>754'</td>
<td>2</td>
<td>10</td>
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<td>1</td>
<td>15</td>
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<tr>
<td>850'</td>
<td>2</td>
<td>10</td>
<td>4067'</td>
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<td>15</td>
</tr>
<tr>
<td>882'</td>
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<td></td>
<td>4192'</td>
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</tr>
<tr>
<td>930'</td>
<td>1</td>
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<td>4302'</td>
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<td>50</td>
</tr>
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<td>976'</td>
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DIVISION OF OIL AND GAS
RECEIVED
MAY 16, 1960

SANTA PAULA, CALIFORNIA
Texaco Inc.
Elkins #21

CORE DESCRIPTIONS
Described by J. T. Cass

Core #1
(Cut in oil base mud)
6115-6129' Rec. 14' 1/2' Shale, dark gray, silty, massive to vaguely bedded, fractures at irregular high angles, partially slickensided, no forams noted.

5-1/2' Sandstone, firm friable to hard, tight, well cemented, light gray salt and pepper appearance. Very silty grading irregularly to very fine grained very sandy siltstone. Contains several thin medium to dark gray shale partings giving excellent 25° dips. Poor fluorescence due to tight nature of sand. Few pods and streaks also partings and fractures give strong light orange yellow fluorescence. No gas bubbles noted.

8' Shale, medium gray, silty, few siltstone laminae - fair 25°-30° dips. Fractures similar to top 1/2' of core.

Described 12-21-59

Core #2
(Cut in oil base mud)
6199-6225' Rec. 26' 23' Oil sand, light gray with light brown to tan oil stain, fine to medium grained with few subrounded coarse grains, silty, poorly sorted, few dark gray and green grains. Few shale partings. Locally very poorly sorted and very silty, generally friable. Dips 35° to 40°, bleeding oil in few places near shale partings. Fair to poor fluorescence. Straw cut.

3' Shale, dark gray, clay shale. Very little silt - dip as above.

DIVISION OF OIL AND GAS
RECEIVED
MAY 16 1960
SANTA PAULA, CALIFORNIA
CORE DESCRIPTION
Described by J. T. Cass

Core #3
(Cut in oil base mud)
6441-6457' Rec. 4' 3-1/2'
Shale, medium to dark gray with siltstone
laminations. Very hard, fractures at
irregular angles. No forams noted.
Dips 30-35°.

1/2'
Sandstone. Ground and wedged in core
catcher, light gray, fine grained,
silty, friable. No fluorescence due to
light nature of sand. Probably represents
the top of the zone which ground up during
coring.

DIVISION OF OIL AND GAS
RECEIVED
MAY 16 1960
SANTA PAULA, CALIFORNIA
REPORT OF WELL ON PRODUCTION

CONSERVATION COMMITTEE OF
CALIFORNIA OIL PRODUCERS
855 Subway Terminal Building
417 South Hill Street
Los Angeles 13, California
Madison 7731

FIELD OFFICES
Bakersfield
554 Haberfelde Building
Phone: Fairview 4-4505
Long Beach
3508 Atlantic Avenue
Phone: Long Beach 4-8567

REGIONS
Coastal
Santa Clara Valley

DISTRICT
Shiells Palo Alto

GROUP
Pliocene

FIELD
Completed
19

AREA
Recompleted
19

FAULT BLOCK
Reconditioned
19

POOL
Resumed
19

COMPANY
TEXACO, INC.

LEASE
Elkins

SEC.
5

T.
3

R.
19

WELL NO.
21

TOTAL DEPTH
6670' T.D.

TOTAL DEPTH
6670' T.D.

PLUG
Plug

PLUG
Plug

W.S.O.
W.S.O.

W.L.
W.L.

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STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Report on Test of Water Shut-off
(FORMATION TESTER)

No. T. 259-408 A

Mr. O W. Chevette
P. O. Box 3247
Ventura, California

Santa Paula, Calif.

Agent for Texaco Inc.

December 21, 1959

Dear Sir:

Your well No. "Elkins" 21, Sec. 5, T. 33 N., R. 19 W., S.B. B & M.
Shiells Canyon Field, in Ventura County, was tested for water shut-off
on Dec. 19, 1959, Mr. John Hardoin designated by the supervisor was present
from 6:00 p.m. to 7:00 p.m. as prescribed by law; there were also present L. F. Tomlinson and
W. W. Gifford, Drilling Foremen.

Shut-off data: 7 in. 23 & 26 lb. casing was re-cemented through shot holes at 6035 ft.
on Dec. 19, 1959 in 9-7/8 in. hole with 75 cu. ft. of cement of which 70 sacks was forced away under a final pressure of 2800 psi.

Casing record of well: 10-3/4" com. 414 ft.; 7" com. 6055 ft., c.p. 6035 ft. and 3506 ft., four holes
6040 ft. W.S.O.

Present depth 6115 ft. cement bridge, 6055 ft. to 6045 ft. Cleaned out 3-1/2 in. drill pipe tubing,
A Johnston gun and tester was run into the hole on 3-1/2 in. drill pipe tubing,
with 1-1/2 ft. of water-mud cushion, and packer set at 5984 ft. with tailpiece to 6045 ft. Tester valve with 1/2 in. bean, was open for 1 hr. and -- min. During this interval there was a
medium blow throughout the test.

Mr. Tomlinson reported:

1. A 15" hole was drilled from the surface to 414 ft.
2. On Nov. 25, 1959, 10-3/4", 40.5 lb. casing was cemented at 414 ft. with 250 sacks of cement.
3. Cement returned to the surface.
4. A 9-7/8" hole was drilled from 414 ft to 6055 ft. and a 6-1/8" hole was drilled to 6115 ft.
5. On Dec. 17, 7", 23 & 26 lb. casing was cemented at 6055 ft. and through a stage collar at 3506 ft. with 200 sacks of cement premixed with 4% gel, followed by 150 sacks of neat cement and 750 sacks of cement premixed with with 4% gel, respectively.
6. Cement displaced at 6055 and 3506 ft. is calculated to fill behind the casing to 4385 ft. and to the surface respectively.
7. Cement was drilled out of 5907 to 6045 ft.
8. The 7" casing was perforated with four 1/2" holes at 6035 ft. and tested wet.
9. The 7" casing was cemented as noted above.
10. The 7" casing was perforated with four 1/2" holes at 6040 ft. D.S. 7/18/61
11. A Johnston gun and tester was run as noted above.

The Engineer noted:
1. When the drill pipe was removed 183 ft. of slightly oily, gas cut drilling fluid was in the drill pipe above the tester, equivalent to 1.3 bbl.
2. The recording pressure bomb chart indicated the tester functioned properly.

THE SHUT-OFF AT 6040 FT. IS APPROVED.

E. H. MUSSER
State Oil and Gas Supervisor

By [Signature] Deputy
ST. OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONS

Mr. O. W. Chonette
P.O. Box 3247
Ventura, California

Agent for Texaco Inc.

Santa Paula, Calif.
November 10, 1959

DEAR SIR:

Your proposal to drill Well No. "Elkins" 21, Section 5, T. 3N, R. 19W, S.B. & M., Shihills Canyon Field, Ventura County, dated October 27, 1959, 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:
"Legal description of mineral right lease, consisting of 778.67 acres, is as follows:
Do mineral and surface leases coincide? Yes.
Location of Well: 670 feet S'ly along section line and (1535) E'ly at right angles to said line from the NW corner of section 5, T3N, R19W, SBB&M.
Elevation of ground above sea level 775 feet.
All depth measurements taken from top of K.B. which is 12 feet above ground."

PROPOSAL:

PROPOSED CASING PROGRAM

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<th>Inches A.P.I.</th>
<th>Weight</th>
<th>Grade &amp; Type</th>
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<th>Bottom</th>
<th>Cementing Depths</th>
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<td>15#</td>
<td>J-55</td>
<td>5900'±</td>
<td>6600'±</td>
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</table>

Intended zone or zones of completion: Eocene

Estimated total depth 6600'±

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

DECISION: THE PROPOSAL IS APPROVED PROVIDED THAT:
1. The 10-3/4" casing shall be cemented with sufficient cement to fill all of the space back of the casing.
2. The hole is, at all times, kept full of drilling fluid of proper weight and quality to prevent blowouts.
3. Adequate blowout prevention equipment shall be installed and maintained ready for use at all times.
4. Any hole penetrating an oil or gas zone, to be sidetracked, shall be plugged with cement insofar as possible.
5. Fresh waters and possible oil zones back of the 7" casing shall be protected with cement.
6. THIS DIVISION SHALL BE NOTIFIED TO WITNESS a test of the 7" water shut-off with the hole open not more than 5' below the casing shoe.

Blanket Bond
CVB:b
CC -

E. H. MUSSER, State Oil and Gas Supervisor

By

Deputy
DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well
This notice and surety bond must be filed before drilling begins

Ventura Calif. October 27, 1959

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 #21, Sec. 5, T 3 N., R. 19 W., S.B.B. & M., Shiells Canyon Field, Ventura County.

Legal description of mineral right lease, consisting of 778.67 acres, is as follows: (Attach map or plat to scale)

Do mineral and surface leases coincide? Yes. No. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 670 feet S'ly along section line and 1489 feet E'ly (Direction) at right angles to said line from the W 1/4 corner of section 5, T 3 N., R 19 W., SBB&M.

Elevation of ground above sea level 775.79 feet datum.

All depth measurements taken from top of K.B. which is 808.15 feet above ground. (Depth, top and bottom)

PROPOSED CASING PROGRAM

<table>
<thead>
<tr>
<th>SIZE OF CASING</th>
<th>WEIGHT</th>
<th>GRADE AND TYPE</th>
<th>TOP</th>
<th>BOTTOM</th>
<th>CEMENTING DEPTHS</th>
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<td>J-55</td>
<td>Surf.</td>
<td>400'</td>
<td>400'</td>
</tr>
<tr>
<td>7&quot;</td>
<td>23#</td>
<td>J-55</td>
<td>Surf.</td>
<td>5950'</td>
<td>5950' ±</td>
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<tr>
<td>5&quot;</td>
<td>15#</td>
<td>J-55</td>
<td>5900' ±</td>
<td>6600' ±</td>
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</tbody>
</table>

Intended zone or zones of completion: Eocene 5950' ± - 6600' ± (Name) (Depth, top and bottom)

Estimated total depth 6600' ±

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

Address P.O. Box 3247, Ventura Texaco Inc.

Telephone Number M 8-6831

By. D. K. Howard, P.A., B.P. Engineer

Name of Operator

Forms 114 123