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
deblegation 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

<table>
<thead>
<tr>
<th>Section</th>
<th>Well Name</th>
<th>Well Number</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec. 5</td>
<td>Elkins</td>
<td>2 (111-02913)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 (111-02915)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 (111-02916)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>7 (111-02917)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9 (111-02919)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 (111-02920)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>11 (111-02921)</td>
<td></td>
</tr>
<tr>
<td>Sec. 6</td>
<td>Elkins</td>
<td>15 (111-02924) Abd.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>16 (111-02925)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>17 (111-02926)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 (111-02928)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>21 (111-02929)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>18 (111-02927)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 (111-02924)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>8 (111-02928)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>13 (111-02922)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>14 (111-02923)</td>
<td></td>
</tr>
</tbody>
</table>

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.

[Signature]  
Deputy Supervisor

LEGEND

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA</td>
<td>Producing Active</td>
</tr>
<tr>
<td>NPA</td>
<td>Non-Potential Active</td>
</tr>
<tr>
<td>PI</td>
<td>Potential Inactive</td>
</tr>
<tr>
<td>NPI</td>
<td>Non-Potential Inactive</td>
</tr>
<tr>
<td>Ab</td>
<td>Abandoned or No More Wells</td>
</tr>
</tbody>
</table>
History of Oil or Gas Well

Operator: The Texas Company
Field: Shells Canyon

Well No.: Elkins #6
Sec.: 5, T. 3N, R. 19W, S.B. B. & M.

Date: August 8, 1956

Signed:

Fox 510, Santa Paula, Calif. 6-F
Title: District Superintendent

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, pluging, 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, bailing tests, shooting and initial production data.

1. Purpose of the remedial work: To increase production by opening additional sands.

2. Mechanical condition prior to the remedial work:

   Casing: 11\%\textsuperscript{2} in., 47\%\textsuperscript{2}, J-55. Surface to 250\%\textsuperscript{2}.
   7\%\textsuperscript{2}, 23\%\textsuperscript{2}, J-55. Surface to 3531\%\textsuperscript{2}.

   Perforations: 3280\% - 3500\%.

   Water shut off: Four \%\textsuperscript{2} in. holes at 1855\% and at 3252\%.

   All measurements are from K.B. which was 10.2\% above the ground.

3. Production prior to the remedial work:

4. E/D of 26\% API gravity oil and 5 E/D of water

4. Work done:

   Pulled the rods, removed the well head equipment and installed the blowout prevention equipment. Pulled the tubing, filled the well with oil, and shot three 1/2\% in. holes per foot from 3280\% to 3380\%. The well started to flow when the last gun was fired. Closed the blowout preventer and pumped 35 barrels of salt water into the well at 350 psi.

   Pumped 35 barrels of salt water into the well and ran 2\% in. tubing to 3397\%. Removed the blowout prevention equipment, installed the well head equipment, ran the pump and started the well pumping.
The pump sanded and the well was shut in. The casing pressure was 950 psi.

Shut In.

Worked the pump and the well started to flow oil, water and mud. The tubing pressure built up to 840 psi and it was necessary to bleed the casing in order to install higher pressure fittings on the lead line. Pumped water down the tubing to kill the well and changed the fittings. Started the well pumping. Pumped 31 barrels of oil, water and mud in a 3 hour test.

5. Production Data.

<table>
<thead>
<tr>
<th>Date</th>
<th>Oil Ebls.</th>
<th>Cut %</th>
<th>Gas MCF</th>
<th>Tubing Press. PSI</th>
<th>Casing Press. PSI</th>
<th>Choke Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-27</td>
<td>52</td>
<td>50</td>
<td>16</td>
<td>0</td>
<td>825</td>
<td></td>
</tr>
<tr>
<td>7-1</td>
<td>93</td>
<td>0.2</td>
<td>76</td>
<td></td>
<td></td>
<td>8/64</td>
</tr>
<tr>
<td>7-2</td>
<td>53</td>
<td>0.2</td>
<td>42</td>
<td></td>
<td></td>
<td>10/64</td>
</tr>
<tr>
<td>7-3</td>
<td>23</td>
<td>0.2</td>
<td>212</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-4</td>
<td>24</td>
<td>0.2</td>
<td>190</td>
<td>350</td>
<td>750</td>
<td></td>
</tr>
<tr>
<td>7-5</td>
<td>48</td>
<td>0.2</td>
<td>170</td>
<td>380</td>
<td>900</td>
<td>10/64</td>
</tr>
<tr>
<td>7-28</td>
<td>20</td>
<td>0.2</td>
<td>38</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. Final mechanical condition:


Perforations: 3280’ to 3500’ (Gun perforations)

Water Shut Off: Four 7/8” holes at 1885’ and 3252’.
DEAR SIR:


Section 5, T. 3N, R. 19W, S.B. B. & M., Shells Canyon Field, Ventura County, dated July 26, 1956, received July 27, 1956, has been examined in conjunction with records filed in this office.

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

RECORDS:
In addition to, or at variance with, those shown in the notice:
7" C, 3581'; 4 holes 3252'; W.S.O. Co., 4 holes 1885' W.S.O., perf. intervals 3500'-3380'.

THE NOTICE STATES:
"The present condition of the well is as follows:
1. Total depth 3589'.
2. Complete casing record.
   11 3/4", 47#, J-55 Surface to 250'.
   7", 23#, J-55 Surface to 3581'.
   WSO - four 1/2" holes at 1885' & 3252'.
3. Last produced May 1956 6 B/D 28 50%"

PROPOSAL:
"The completed work is as follows:
1. Shot three 1/2" holes per foot from 3280' to 3380'."

DECISION:
The proposal is approved.

Blanket Bond.

E. H. MUSSER, State Oil and Gas Supervisor

By [Signature], Deputy
Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well
This notice must be given before work begins; one copy only

Santa Paula Calif. July 26, 1956

DIVISION OF OIL AND GAS

Santa Paula Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Elkins #6

(Cross out unnecessary words)

Sec. 5, T. 3N, R. 19W, S.B. B. & M.

Shiells Canyon Field, Ventura County.

The present condition of the well is as follows:

1. Total depth. 3589'

2. Complete casing record.

11-3/4", 47#, J-55 Surface to 250'
7", 23#, J-55 Surface to 3581'
W30 - four 1/2" holes at 1885' & 3252'

3. Last produced. May 1956 1/2 B/D 28 50%

completed

The proposed work is as follows:

1. Shot three 1/2" holes per foot from 3280' to 3380'

The Texas Company

(Name of Operator)

P.O. Giddens
Dist. Petroleum Eng. By P.O. Giddens

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED
## REPORT OF WELL ON PRODUCTION

**FIELD OFFICES**  
**Bakersfield**  
554 HARBORFIELD BUILDING  
PHONE: Bakersfield 4-4504  
**Long Beach**  
3508 Atlantic Avenue  
PHONE: Long Beach 4-8567

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

**REGION**  
Coastal

**DISTRICT**  
Santa Clara Valley

**GROUP**  
Shiels Canyon

**FIELD**  
Completed: 3/29/54 19

**AREA**  
Recompleted: 19

**FAULT BLOCK**  
Reconditioned: 19

**POOL**  
Resumed: 19

**COMPANY**  
The Texas Company

**LEASE**  
Sec. 19  6 T. R. WEL NO. 6

### PREVIOUS WELL DATA

<table>
<thead>
<tr>
<th>TOTAL DEPTH</th>
<th>PLUG</th>
<th>W.S.O.</th>
<th>7&quot; C. 3681'</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Plug</td>
<td>W.S.O.</td>
<td>7&quot; C. 3681' incl. gun</td>
</tr>
<tr>
<td></td>
<td>7&quot; C. 3581'</td>
<td>3380' - 3392'</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3397' - 3413'</td>
<td>3419' - 3500'</td>
<td></td>
</tr>
</tbody>
</table>

### PRESENT WELL DATA

<table>
<thead>
<tr>
<th>TOTAL DEPTH</th>
<th>PLUG</th>
<th>W.S.O.</th>
<th>DEPTH TBG.</th>
<th>PACKER AT.</th>
<th>LENGTH OF STROKE.</th>
<th>S.P.M.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2688'</td>
<td>Plug</td>
<td>W.S.O.</td>
<td>3405'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PUMP DATA

<table>
<thead>
<tr>
<th>PUMP DEPTH</th>
<th>SIZE TBG.</th>
<th>PUMPING UNIT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 1/2&quot;</td>
<td>2 1/2&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### REMARKS

Spud: 3/2/54

**RECEIVED**  
MAY 3 1954

**SANTA PAULA, CALIFORNI**

### PRODUCTION AS OF 3/29/54

- Gross Fluid: B/D
- Gross Oil: B/D
- Net Oil: 286'
- Gravity: 28.7 API
- Cut: 0.4%
- Net Gas: MCF
- Cir. Gas: MCF
- Total Gas: MCF
- G/O Ratio
- Pressure: TGB 210 PSI
- CSG 725 PSI
- Trap: PSI
- Bean: TGB 16/64" CSG

### ELEVATION

532' FB

### LOCATION

400'S. & 710'W. Fr. NE Cor. of Sec. 5-3-19

### P/L CO.

### GAS TO

Temple

**DATE**  
4/8/54

---

*SHOW LENGTH, SIZE, PERFORATED INTERVALS OF LINER OR OIL STRING.*

Form E-113-A
**WELL SUMMARY REPORT**

**Operator:** The Texas Company  
**Field:** Shielas Canyon Area

<table>
<thead>
<tr>
<th>Well No.</th>
<th>Elkins #6</th>
<th>Sec.</th>
<th>5</th>
<th>T.</th>
<th>38</th>
<th>R.</th>
<th>18W</th>
<th>S.B.</th>
<th>B. &amp; M.</th>
</tr>
</thead>
</table>

**Location:** 64°6.4' W and 40°39' 8'' from NE corner of the NW 1/4 of NW 1/4 of Sec. 5  
**Elevation of ground above sea level:** 551.9 feet  
All depth measurements taken from top of Kelly Bushing which is 10.2 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1939, 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.

<table>
<thead>
<tr>
<th>Date</th>
<th>5-4-54</th>
</tr>
</thead>
</table>

(Signed) F. O. GIDDENS  
(Engineer of Geology)  
R. L. Patton  
(Superintendent)  
(Signed) R. L. PATTON  
(President, Secretary or Agent)

<table>
<thead>
<tr>
<th>Commenced drilling</th>
<th>3-2-54</th>
<th>Completed drilling</th>
<th>3-26-54</th>
</tr>
</thead>
</table>

| Drilling tools | Cable Rotary |

| Total depth | 3589 |
| Plugged depth | None |

**GEOLOGICAL MARKERS**

**DEPTH**

**Commmenced producing:** March 30, 1954

**Flowing/par lift/pumping:** (date)

<table>
<thead>
<tr>
<th>Clean Oil bbl. per day</th>
<th>Gravity Clean Oil</th>
<th>Per Cent Water including emulsion</th>
<th>Gas Mcf. per day</th>
<th>Tubing Pressure</th>
<th>Casing Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>330</td>
<td>28.7</td>
<td>0.2%</td>
<td>196</td>
<td>340</td>
<td>780</td>
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<table>
<thead>
<tr>
<th>Initial production</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Production after 30 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>137</td>
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<td>28.7</td>
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<tr>
<td>0</td>
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<tr>
<td>112</td>
</tr>
<tr>
<td>380</td>
</tr>
<tr>
<td>790</td>
</tr>
</tbody>
</table>

**Casing Record (Present Hole)**

<table>
<thead>
<tr>
<th>Size of Casing (A. P. L.)</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 Grouting</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>3581</td>
<td>surf</td>
<td>23 lbs</td>
<td>New</td>
<td>Smls</td>
<td>J-55</td>
<td>9-7/8&quot;</td>
<td>500</td>
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**Perforations**

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<tr>
<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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<tr>
<td>7&quot;</td>
<td>3390</td>
<td>3392</td>
<td>½&quot; holes = four per foot</td>
<td></td>
<td></td>
<td>Gun</td>
</tr>
<tr>
<td>7&quot;</td>
<td>3397</td>
<td>3413</td>
<td>½&quot; holes = four per foot</td>
<td></td>
<td></td>
<td>Gun</td>
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<tr>
<td>7&quot;</td>
<td>3419</td>
<td>3500</td>
<td>½&quot; holes = four per foot</td>
<td></td>
<td></td>
<td>Gun</td>
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</table>
History of Oil or Gas Well

The Texas Company

Elkins #6, Sec. 5, T. 3N, R. 19W, S.B. & M.

May 4, 1954

Signed (Signed) R. L. Patton

Superintendent

Date

1954

DRILLING CONTRACTOR - STANFORD AND MARTIN DRILLING CO.

3-2 Spudded at 11:00 P.M. with 12 1/8" bit.

3-3 Drilled 12 1/4" hole to 262' and reamed to 17 1/8". Ran 6 joints of 1 1/4", 4 7/8" J-55 casing. Landed casing at 250' and cemented with 150 sacks of construction cement treated with 8% gel. Cement returned to surface.

3-4 Installed B.O.P. equipment. Tested casing with 1000 psi for 30 minutes. Top of cement found at 245'. Drilled through shoe with 9-7/8" bit to 335'. Drilled off of whipstock #1 set at 335' with 7 5/8" bit to 349'. Reamed 7 5/8" hole to 9-7/8".

3-5 Drilled with 9-7/8" bit. Clay base mud, mud weight, 75; viscosity, 50; sand content, 15%.

3-6 Set whipstock #2 at 811' and drilled 7 5/8" hole to 821'. Reamed 7 5/8" hole to 9-7/8". Drilled with 9-7/8" bit.

3-9 Changed from clay base mud to oil emulsion mud at 1800'. Used 35 barrels of oil in the process.

3-11 Drilled 9-7/8" hole to 2178'. Ran whipstock #3 to 1320' and sheared pin at tight spot. Reamed at 1320' and from 1950' to 2166'. Set whipstock #3 at 2178' and drilled with 7 5/8" bit.

3-12 Drilled 7 5/8" hole to 2188'. Reamed 7 5/8" hole to 9-7/8" and drilled with 9-7/8" bit. Mud weight, 77; viscosity, 44; sand content, 5%.

3-13 Cored 9-7/8" hole from 3345' to 3359'. Stuck pipe at 1558'. Freed pipe by jarring. Reamed from 1300' to 1550'.

3-19 Reamed to 3359'. Cored with 9-7/8" bit.

3-22 Cored to 3589' and ran electric logs.

3-23 Reamed from 3439' to 3589'. Ran 85 joints of 7", 23#, J-55 casing. Cemented through shoe at 3581' with 500 sacks modified cement treated with 6% gel. Displaced cement with 832 cu. ft. of mud.
Did not bump plug. Landed casing at 3581'.

3-24
Installed B.O.P.E. and tested to 1000 psi for 15 minutes.

3-25
W.S.O. Test #1. Shot four 3/4" holes at 3252'. Opened tester for one hour. Had light blow for 2 minutes and no blow for remainder of test. Recovered 81' of drilling fluid. Charts showed good test.

W.S.O. Test #2. Shot four 3/4" holes at 1885'. Opened tester for one hour. Had medium light blow for 4 minutes and no blow for remainder of test. Recovered 95' of drilling fluid. Charts showed good test. Test approved by the Division of Oil and Gas.

Gun perforated 7" casing.

3-26
Ran 2 3/4" tubing and landed at 3405'. Displaced mud with 275 barrels of salt water. Released drilling contractor.

3-30
Produced 235 barrels in nine hours. Pumping and flowing.

3-31
330 B.O., 0.2% cut, 28.7 gravity, flowing.

4-1
On production 12 hours; 148 B.O., 196 MCF; 0.3% cut, tubing pressure 340, casing pressure 780.

4-2
Killed well with salt water and repaired christmas tree. Pumped salt water to sump. 230 B.O., 0.3% cut. Flowing through 16/64" bean.

4-3
280 B.O., 1 B.W., 0.3% cut.

4-5
275 1/4 B.O., 5.6 B.W., 2% cut.

4-6
263 B.O., 1.0 B.W., 0.5% cut.

4-26
137 B.O., 0 B.W., 12/64" bean, tubing pressure 380, casing pressure 790, 112 MCF.
The Texas Company

Elkins #6

Shiells-Basolo

Section 5-3N-19W

DIVISION OF OIL AND GAS

RECEIVED

MAY 10, 1954

SANTA PAULA, CALIFORNIA

CORE DESCRIPTIONS

Described by W. S. King

3-20-54

Core #1

Rec. 12

12'

Oil stained silt, tan, friable, poorly defined bedding, very finely sandy, tight, local slicks, good 45° dip. Even light tan oil stain, good odor, light amber cut, dull yellow fluorescence.

Core #2

Rec. 20

20'

Interbedded oil sand and pebbly siltstone. Siltstone is olive green to green-gray to dark gray, firm to friable, locally sandy or clayey, fine to coarse grained sand, with common pebbles and cobbles to 2" in diameter. Local slicks. Generally tight but local sandy patches are oil stained, fair odor, amber cut, dull yellow fluorescence. Oil sand is green-gray with tan cast, loose, fairly massive with occasional pebbles to 1" diameter, coarse to very coarse grained, poorly sorted, locally silty, fair porosity and permeability. Evenly oil stained, good odor, dark amber cut, even dull yellow fluorescence. Gas bubbles on mud sheath.

Core #3

Rec. 24

4'

Oil sand, tan with green cast, friable to loose, medium grained, poorly sorted, slightly silty with local green clay streaks to 1" thick, common subrounded pebbles and cobbles 1/4" to 2" in diameter. Fair porosity and permeability. Good even tan staining except around exterior or core where it has been flushed, good odor, amber cut, dull yellow even fluorescence.

4'

Oil stained silt, green-gray with tan stain, firm to friable, locally very sandy and pebbly, rare slicks, patchy oil staining in sandy portions. Good odor, amber cut, dull yellow fluorescence. Poor 35° dip, may be fracture.

16'

Oil sand, as first above.

Core #4

Rec. 18

5'

Oil stained siltstone, green with tan stain, friable, locally sandy and pebbly, pebbles and cobbles to 3" diameter, subrounded, clayey, poor porosity and permeability. Good odor, amber cut, dull yellow fluorescence, gas bubbles on mud sheath.
Core #4 Cont'd. 13' Oil sand, tan, friable to loose, massive, coarse grained, poorly sorted, slightly silty, rare subrounded pebbles to 1" diameter, fair porosity and permeability, even tan oil stain, good odor, amber cut, dull yellow fluorescence. Gas bubbles on mud sheath.

Core #5 34.37-34.63' Rec. 5' 5' Oil sand, tan, friable to loose, massive, coarse grained, poorly sorted, slightly silty, rare 2" pebbles, fair porosity and permeability. Even tan staining, good odor, amber cut, dull yellow even fluorescence, gas bubbles on mud sheath.

Core #6 34.63-34.85' Rec. 4' 4' Oil sand as in Core #5 with slightly clayey streaks.

Core #7 34.85-35.11' Rec. 19' 9' Oil sand, tan, loose, massive, medium to coarse grained, pebbly with common subrounded pebbles to 1" diameter, poorly sorted, silty, fair porosity and permeability, good even oil stain, good odor, amber cut, even bright orange fluorescence.

10' Siltstone, dark green to green-gray with local tan staining, firm to friable, locally sandy and pebbly, common slicks. Fair 55° dips, dark oil stain in streaks and in sandy patches, good odor, dark amber cut, bright orange fluorescence, few gas bubbles on mud sheath.

Note: Cores were taken in oil emulsion mud which shows very little fluorescence.

Core #8 35.11-35.37' Rec. 26' 6' Described by G. T. Benson 3-22-54. Siltstone: gray-green with local brown oil stain, soft, thick bedded, finely sandy contains few red and olive green clayey streaks, contains few beds to 1" thick of oil stained sand, medium grained, poorly sorted; contains occasional partings at 45 to 60° with slickensides; patchy brown oil stain, slight oil odor, dark whiskey Cut.
Core #8 Cont'd.

7' Interbedded Oil Sand and Siltstone: 60% siltstone as above, 40% oil sand; greenish gray with brown oil stain, soft, thick bedded, fine to coarse grained and locally pebbly, pebbles subrounded to 1" diameter, very poorly sorted, very silty, fair to poor porosity and permeability; contains few streaks green and red silty claystone; contains occasional slickensided partings; sand has variable brown to dark brown thorough oil stain (depending on permeability), fair oil odor, dark amber cut, dull yellow-brown fluorescence, milky yellow cut fluorescence.

13' Siltstone: gray-green to green, soft, massive, variably sandy to clayey, contains oil stained sandy patches, contains thin beds olive green claystone, in top 5' contains many coarse subangular to subrounded quartz and feldspar grains and occasional subrounded granules and pebbles; slickensided partings occasional to common near bottom of core; oil stained patches in siltstone light brown stain, no cut color.

Core #9
3537-3563' Rec. 17'

12' Interbedded gravelly oil sand and siltstone: Interbedded in beds to 1-1/2" thick; gravel is greenish gray with brown oil stain, loose, massive, subrounded pebbles and cobbles to 3" in matrix of fine to coarse sand, very poorly sorted, very silty, subangular to subrounded; siltstone is gray-green with local brown oil stained patches, soft, massive, finely sandy, contains irregular light gray-green clayey streaks; gravel has thorough light brown to brown oil stain, silt to good oil odor, very dark amber cut, dull yellow-brown fluorescence, milky dull yellow cut fluorescence; siltstone has slight oil odor.

5' Siltstone: green to gray-green, soft, massive, variably sandy to clayey, contains oil stained sandy patches, contains occasional subangular to subrounded quartz and feldspar coarse sand grains and granules; siltstone has patchy light brown oil stain, slight oil odor, cut from sandy oil stained patches is amber, fluorescence is yellow-brown and cut fluoresces yellow.

Note: Cores taken in oil emulsion mud.
Core #10
3503-3589' Rec. 26' 26' 26'

Described by G. T. Benson 3/22/54.
Siltstone with interbeds of sand; few beds of sand to 1-1/2" thick in siltstone.
Siltstone is dark green-gray, soft, massive, variably sandy to clayey, contains occasional thin streaks of red and olive green claystone, locally contains coarse subangular quartz and feldspar grains; sand is gray-green and white, friable, massive, fine to coarse grained, subangular with occasional pebbles to 1/2" diameter, poorly sorted, contains abundant green silt, poor porosity and permeability; dip estimated 60° fair; occasional partings show slickensides; siltstone has local patches light brown oil stain, faint oil odor, poor brown fluorescence, no cut color; sand looks wet, no odor, no cut color, no fluorescence, pale milky yellow fluorescence in cut.

Note: Core was taken in oil emulsion mud which has faint orange fluorescence.
Mr. R L Patton
Post Office Box 510
Santa Paula California

Agent for: The Texas Company

Santa Paula Calif. March 31 1954

Dear Sir:

Your well No. "Elkins" 6, Sec. 5, T. 3N., R. 19W., S.B. & M. Shielis Canyon Field, in Ventura County, was tested for water shut-off on March 25, 1954, Mr. C. H. Schults, designated by the supervisor was present from 10:50 a.m. to 11:55 a.m. as prescribed by law; there were also present E. D. Turner, engineer, and R. B. Crum, drilling foreman.

Shut-off data: 7 in. casing cemented around the shoe at 3581 ft. on March 23, 1954 in 9 7/8 in. hole with 500 sacks of cement calculated to fill behind casing to 1224 ft. below surface.

Casing record of well: 11 3/4 in. 250; 7 in. 350. Four 1/2 ft. test holes at 1885 W.S.D.

Present depth 3589 ft. cmt. bridge 3536 ft. to 3581 ft. Cleared out cm 15 ft. for test. A pressure of 1000 lb. was applied to the inside of casing for 3 hr. 1/2 min. without loss after cleaning out to 3260 ft. McCullough gun and tester was run into the hole on 3 1/2 in. drill pipe, with none ft. of water-mud cushion, and packer set at 1860 ft. with tailpiece to 1865 ft. Tester valve, with two 5/16 in. beans, was opened at 8:10 a.m. and remained open for 1 hr. and 0 min. During this interval there was a medium blow for 4 minutes, and no blow thereafter.

Mr. Crum reported that all but 6 stands of drill pipe had been pulled, but as yet no fluid had been encountered.

The inspector noted:

1. About 95' of medium drilling fluid entered the drill pipe during the test, equivalent to 0.7 bbl.
2. The pressure chart showed that the testing tool functioned properly during the entire test.

The 7" water shut-off at 1885' is APPROVED.

R. D. BUSH, State Oil and Gas Supervisor
By E. J. Kaplow, Deputy
Dear Sir:

Your proposal to drill Well No. "Elkins" 6, in Section 5, T. 3N., R. 19W., S.B. B. & M.,  Shelleys Canyon Field, Ventura County, dated Feb. 5, '54, received Feb. 8, '54, 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: 6° L1 6.44 40° 37' 56.9 Elevation of ground above sea level 520 feet. All depth measurements taken from top of Kelly Bushing which is 112.6 feet above ground.

PROPOSAL:

"Size of Casing  "  "Proposed Casing Program"

Inches  A.P.I.  Weight  Grade & Type  Top  Bottom  Cementing Depths
11 3/4"  42  J-55  surf  250  250
7"  23  J-55  surf  3600  3600

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 sidetracked 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 7" water shut-off.

Blanket bond.

CC: T W Bell

R. D. BUSH
State Oil and Gas Supervisor
DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

Santa Paula, Calif. February 5, 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 No. 6, Sec. 5, T. 3N, R. 19W, S. B. B. & M., Shiells Canyon Field, Ventura County.

Legal description of lease

(Attach map or plot to scale)

Location of Well: 710 feet West along section line and 400 feet South at right angles to said line from the NE corner of the SW\(\frac{1}{4}\) of the NW\(\frac{1}{4}\) of section 5 property.

Subsurface location to be 710' West and 400' South from the NE corner of the SW\(\frac{1}{4}\) of the NW\(\frac{1}{4}\) of section 5.

Elevation of ground above sea level: 520.519 feet. Local datum.

All depth measurements taken from top of Kelly Bushing which is 10.2 feet above ground.

PROPOSED CASING PROGRAM

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<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>11(\frac{3}{4})&quot;</td>
<td>42</td>
<td>J-55</td>
<td>surf</td>
<td>250</td>
<td>250</td>
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<tr>
<td>7&quot;</td>
<td>23</td>
<td>J-55</td>
<td>surf</td>
<td>3600</td>
<td>3600</td>
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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

Telephone Number: 6-F

By: P.O. Giddens-Distr.Petroleum Engineer

Send one copy of notice to Division Office in district where well is located.