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 Shiehls 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: Shiefls 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>Sec. 5</th>
<th>Sec. 6</th>
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<tr>
<td>&quot;Elkins&quot; 2 (111-02913)</td>
<td>&quot;Elkins&quot; 4 (111-02914)</td>
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<td>&quot; 5 (111-02915)</td>
<td>&quot; 8 (111-02918)</td>
</tr>
<tr>
<td>&quot; 6 (111-02916)</td>
<td>&quot; 13 (111-02922)</td>
</tr>
<tr>
<td>&quot; 7 (111-02917)</td>
<td>&quot; 14 (111-02923)</td>
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<td>&quot; 9 (111-02919)</td>
<td></td>
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<td>&quot; 10 (111-02930)</td>
<td>18 (111-02927)</td>
</tr>
<tr>
<td>&quot; 11 (111-02921)</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.

LEGEND

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<th>FORMS</th>
<th>INITIALS</th>
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<td>Production Reports</td>
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<td>Map and Book</td>
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<td>Form 148</td>
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<td>Notice to be cancelled</td>
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<tr>
<td>Bond status</td>
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<td></td>
</tr>
</tbody>
</table>

Deputy Supervisor:

1000 Pitzer

LEGEND

PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells
DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator: The Texas Company
Field: Shields Canyon

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

Date: August 22, 1955
Signed

Box 519, Santa Paula, California 62-F
Title: Superintendent

(Address)
(Telephone Number)
(President, Secretary or Agent)

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, bailing tests, shooting and initial production data.

PURPOSE OF WORK: To return the well to production.

MECHANICAL CONDITION PRIOR TO WORK:

Casing - 11 3/4" 47# J-55 surface to 220 ft.
7 7/8" 23# J-55 surface to 3600 ft.

Perforations - 3550-3485 four 1/2" holes/ft.
3490-3492 four 1/2" holes/ft.
3492-3500 eight 1/2" holes/ft.
3500-3540 four 1/2" holes/ft.

Water Shut Off: 3475 and 1890 ft.

Production Prior to Work: Well shut in, all water.

Note: All measurements are referred to KB which was 12 ft. above the ground level.

WORK DONE:

7-16 Pulled the rods and tubing and installed Blowout Prevention Equipment. Ran a bailer and located the top of the sand fill at 3549 ft. Dumped 19 sacks of construction cement in the well with a dump bailer and shut the well in.

7-17 Located the top of the cement plug at 3473 ft. Dumped in 15 sacks of construction cement with a bailer. Located the top of the cement plug at 3385 ft. The location of the plug witnessed by a representative of the Division of Oil and Gas. Ran a neutron log and collar locator.

7-17 & 18 Gun perforated the casing with three 1/2" holes per foot on the following intervals:

2157-2163, 2181-2193, 2200-2205, 2208-2218, 2224-2232, 2236-2242,
2249-2264, 2303-2316, 2320-2324, 2328-2338, 2350-2370, 2393-2411,
2421-2440, 2449-2477, 2490-2523, 2543-2552, 2572-2600, 2621-2632,

Total footage perforated, 502 ft.
7-18 Ran tubing to 3320'. Ran the pump and rods and shut the well in.
7-19 Installed the pumping unit and placed the well on production.
7-20 14 Bbls. oil, 80.0%.
7-21 All water.
7-24 4 Bbls. oil, 65%.
7-25 19 Bbls. oil, 12%.
7-26 5 Bbls. oil, 12.0%, 30-60°API
8-19 11 Bbls. oil, 12.0%.

FINAL MECHANICAL CONDITION:

Casing - 11 3/4" 47# J-55 surface to 220'
7" 23# J-55 surface to 3600'
7" plugged at 3385'

Perforations:

3455-3485, 3490-3540 - plugged

Three 1/2" holes per foot in the following intervals:


Total footage perforated, 502'.

Water Shut Off - 1890'.
DEAR SIR:

Operations at your well No. "Elkins" S-5, Sec. 5, T. 3W, R. 19W, E.B. B & M., Shieles Canyon Field, in Ventura County, were witnessed on July 17, 1955. Mr. G. H. Schultz, representative of the supervisor was present from 7:25 p.m. to 8:05 p.m. There were also present D. E. Underwood, driller and J. A. Collier, derrickman.

Present condition of well: 11 3/4" cas. 220' 1 7" cas. 3600' perf. 3533' - 3540', four holes 3425' W.S.O. (cas. off) and four holes 1890' W.S.O., total depth 3601', plugged with cement 3549' - 3385'.

The operations were performed for the purpose of Plugging the hole in the process of plugging back.

Mr. Underwood reported: That on July 17, 1955, 34 sacks of cement was dumped in the hole beginning at 3549', filling to 3385'.

The Engineer noted that a feeler was run and the plug was located at the reported depth of 3385'.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 3385' ARE APPROVED.

CC T. W. Bell

CVE/k

E. H. MUSSER
State Oil and Gas Supervisor

By S. F. Rock, Deputy
Mr. R L Patton  
P O Box 510  
Santa Paula California  
Agent for  
The Texas Company  

Santa Paula, Calif.  
July 14, 1955

Dear Sir:

Your proposal to plug & alter casing Well No. "Elkins" 5,

Section 5, T. 3N, R. 19W, S.B. B. & M., Shilles Canyon Field, Ventura County,
dated July 12, 1955, received July 13, 1955, 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:
Total depth 3601'.

THE NOTICE STATES:
"The present condition of the well is as follows:
1. Complete casing record.
   11 3/4" 54# J-55  Surf. - 220'.
   7" 23# J-55  Surf. - 3603'.
   Perforations: 3455-3540'
   WSC: 3425' and 1890 (all measurements are from KB)
2. Last produced Feb. 8, 1955  (date)  0  (Net Oil)  (Gravity)  (Cut)  100% (8 B/D)

PROPOSAL:
"The proposed work is as follows:
1. Place a cement plug from 3540' to 3400'. Division of Oil and Gas representative to witness location of the plug.
2. Run a neutron log and collar locator.
3. Perforate the casing with three 3/8" holes per foot at intervals from 1927 to 3320'.
4. Test well by pumping."

DECISION:
THE PROPOSAL IS APPROVED.

Blanket Bond

CC T W Bell  
CVO/u

E. H. MUSser, State Oil and Gas Supervisor

By _______________________, Deputy
DIVISION OF OIL AND GAS

Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well
This notice must be given fifteen days before work begins when possible

Santa Paula, Calif. 7-12-55

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 #5

(Cross out unnecessary words)

Sec. 5, T. 38 N., R. 19 W., S.B. & M.
Shields Canyon Field, Ventura County.

The present condition of the well is as follows:

1. Complete casing record.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Size</th>
<th>Date</th>
<th>Surf.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7,000'</td>
<td>11-3/4&quot;</td>
<td>5-5</td>
<td>220</td>
</tr>
<tr>
<td>7&quot;</td>
<td>23/8&quot;</td>
<td>3-55</td>
<td>3600</td>
</tr>
</tbody>
</table>

Perforations: 3455-3540
WSO: 3425' and 1850

(all measurements are from KB)

2. Last produced:

<table>
<thead>
<tr>
<th>Date</th>
<th>Net Oil</th>
<th>Gravity</th>
<th>Gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb. 8, 1955</td>
<td>0</td>
<td></td>
<td>100% (8 B/D)</td>
</tr>
</tbody>
</table>

The proposed work is as follows:

1. Place a cement plug from 3540' to 3400'. Division of Oil and Gas representative to witness location of the plug.

2. Run a neutron log and collar locator.

3. Perforate the casing with three 3/8" holes per foot at intervals from 1927 to 3320'.

4. Test well by pumping.

The Texas Company

(Name of Operator)


Address Notice to Division of Oil and Gas in District Where Well is Located
History of Oil or Gas Well

Operator: The Texas Company
Field: Shieles Canyon

Well No.: Elkins #5, Sec. 5, T. 3N, R. 19W, S.E. 1/4

Date: June 29, 1954
Signed: (Signed) R.L. Patton

Box 510, Santa Paula, California 6-F
Title: 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, 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, bailing tests, shooting and initial production data.

PURPOSE: To open an additional sand interval for production.

MECHANICAL RECORD:

11 3/4" , J-55 casing   220' to surface
7 1/2" , J-55 casing   3600' to surface
WSD Holes at 3425' and 1090'
Perforations - four 3/8" holes per foot
34'55" to 34'85"
34'90" to 35'00"

Production prior to work: 9 B/D of 26.6° oil, 3.0% cut

SUBSEQUENT WORK

5-25 Pulled rods and tubing. Installed blowout prevention equipment. Pumped 100 barrels of oil into well. Bailed from 3560' to 3574'.

5-26 Perforated with four 3/8" holes per foot. 34'92" to 35'10". Found bottom after perforating at 3556'. Ran tubing and rods. Well started to flow. Shut well in.

5-28 Started pumping. 48 BO, 67 BW, 64% cut (12 hour production).

5-29 62 BO, 102 BW, 62% cut.

5-30 37 BO, 51 BW, 58% cut, 26.7° gravity (12 hour production).

5-31 78 BO, 84 BW, 52% cut.

6-1 72 BO, 58 BW, 44% cut, 25 MCF.

6-13 15 BO, 15 BW, 50% cut.

6-28 6 BO, 7 BW, 53% cut.

Received Santa Paula
JUN 30 1954
SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS
WELL SUMMARY REPORT
Operator: Texas Company
Field: Shells Canyon
Well No.: Elkins #5
Sec.: 5
T.: 3N
R.: 19W
S. & B.: N.
Elevation of ground above sea level: 524.14 feet.
Location: 77' E along property line and
161' S at right angles from SE corner
of Rancho Sespe
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: February 3, 1954
Signed: R. B. Patton
(Engineer or Geologist)
Title: Superintendent
(Supervisor)
(President, Secretary or Agent)

Commenced drilling: 11-16-53
Completed drilling: 12-4-53
Drilling tools: Rotary

Total depth: 3691
Plugged depth:

GEOLOGICAL MARKERS

Junk: 1 cutter and bridge of bit
sidetracked at 550'.

Commenced producing: 12-11-53
Initial production:
248 bbl. per day
27.3 Clean Oil
0.1 Per Cent Water

Production after 30 days:
44 bbl. per day
26.6 Clean Oil
2.0 Per Cent Water

Flowing or Gas lift/pumping (cross out unnecessary words)

CASING RECORD (COMPLETE HOLE)

Size of Casing (A. P. I.) Depth of Shoe Top of Casing Weight of Casing New or Second Hand Steel or Lapweld Grade of Casing Size of Hole Drilled Number of Sacks of Cement Depth of Cementing through perforations

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Depth of Shoe</th>
<th>Top of Casing</th>
<th>Weight of Casing</th>
<th>New or Second Hand</th>
<th>Steel 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 through perforations</th>
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<tbody>
<tr>
<td>11 1/2</td>
<td>220</td>
<td>surf</td>
<td>417#</td>
<td>New</td>
<td>Smls.</td>
<td>J-55</td>
<td>17 1/2</td>
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<td>7</td>
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<td>surf</td>
<td>23#</td>
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Perforations

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<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>3455</td>
<td>3500</td>
<td>Four 1/2 holes/ft</td>
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<td></td>
<td>Gun</td>
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<tr>
<td>7</td>
<td>3490</td>
<td>3500</td>
<td>Four 1/2 holes/ft</td>
<td></td>
<td></td>
<td>Gun</td>
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</table>

Electrical Log Depths: 3513, 3601' (Attach Copy of Log)
History of Oil or Gas Well

Operator: The Texas Company
Field: Shiells Canyon
Well No.: Elkins #5, Sec. 5, T. 3N, R. 19W, S.B., B. & M.

Date: February 3, 1954

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or balling.

1953

Drilling Contractor = Santa Fe Drilling Company

11-16 Spudded in at 8:00 P.M. in 10-5/8" hole.
11-17 Drilled to 220'. Reamed 10-5/8" hole to 17½" from surface to 220'. Ran 12 joints of 11½", 4½# J-55 casing to 220'. Cemented through shoe with 160 sacks Victor Construction cement treated with 8% gel. Good cement returns.
11-18 Landed casing and installed B.O.P. equipment. Tested B.O.P. to 1000 psi, drilled out shoe and drilled ahead in 10-5/8" hole.
11-19 Drilled to 519'. Pulled out and left 4 cutters and bridge of bit in hole. Ran junk basket and recovered 3 cutters. Drilled on iron from 519 to 550'. Side tracked junk at 550' and drilled ahead in 9-7/8" hole.
11-20 Clay base mud. Mud weight, 78; viscosity, 45; sand content 8%.
11-27 Mud weight, 76; viscosity, 47; sand content, 3.5%.
11-23 Drilled to 3250', changed to 8½" bit and drilled ahead.
11-29 Started coring at 3350'. Cored ahead in 8½" hole.
12-1 Cored to 3513', ran electric log, dipmeter and took sidewall samples. Left 10 side wall barrels in hole. Drilled on iron.
12-2 Drilled on iron to 3516'. Ran junk basket. No recovery. Ran magnet twice. Recovered small pieces of junk. Drilled to 3527' with junk basket. Recovered several pieces of junk.
12-3 Cored in 8½" hole from 3527'. Mud weight, 73; viscosity, 44; sand content, 2.5%.
Cored to 3601', ran electric log, dipmeter and took side wall samples.

Keased 8 1/2" hole to 9-7/8" to 3600'. Ran 8 1/4" joints 7", 23#, J-55 casing. Cemented through shoe at 3600' with 500 sacks of Victor Modified cement treated with 3% gel. Theoretical top of cement at 1750'. Landed casing and installed B.O.P. equipment.

Tested B.O.P. to 800 psi, drilled out plug and baffle.

Ran Johnson Formation Tester. Set packer at 35 3/4 and tested shoe. No blow. Shot 4-3/16" holes at 3425'. Set packer at 3380', tail pipe to 3400'. Tester open 1 hour. Light blow. Recovered 90' drilling fluid. W.S.O. test a proved by Division Of Oil And Gas. Shot 4-3/16" holes at 1890', set packer at 1848', tail pipe to 1869'. Tester open 1 hour. Light blow. Recovered 90' of drilling fluid. W.S.O. test approved by D.O.G. Shot 4-3/16" holes/ft. from 3455 to 3485' and 3490 to 3500'.

Ran 2 1/2" tubing, changed mud to salt water, landed tubing at 3329' and released contractor.

On production at 2:30 P.M. Pumped water to sump.

Initial production 248 B/D, 27.3° API, 0.3% cut.

235 B/D, 26.6° API, 1.4% cut.

240 B/D, 1.0% cut.

224 B/D, 1.4% cut.

215 B/D, 1.4% cut.
## Inclinations

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<thead>
<tr>
<th>Depth</th>
<th>Degree of Drift</th>
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1263'  Misfire
1281'  Misfire
1500'  Misfire
1537' Rec. 1 1/2" Sand, light gray with pink cast, friable, medium to coarse grained, very poorly sorted, silty, poor porosity and permeability, no shows.
1590' Rec. 1/2" Sand, as above. No shows.
1841' Rec. 1" Sand, light greenish gray, friable, medium grained, very poorly sorted, silty. Fair to poor porosity and permeability. One small spot light tan oil stain. No odor. Light yellow fluorescence.
1937' Rec. 1 1/2" Oil sand, light greenish gray with tan oil stain, loose, medium grained, poorly sorted, silty. Fair to poor porosity and permeability. Fair oil odor. Light straw cut. Even yellow fluorescence.
2008' Rec. 1 3/4" Oil sand, light tan oil stain, friable, fine to medium grained, poorly sorted, silty, low porosity and permeability. Good oil odor, even saturation, light straw cut, bright yellow fluorescence.
2133' Rec. 1" Sand, light greenish gray, friable, medium grained, poorly sorted, silty, low porosity and permeability to tight. Contains occasional pyrite grains. No shows.
2226' Rec. 1 1/2" Oil sand, light tan, friable, fine to medium grained, poorly sorted, silty, fair to poor porosity and permeability. Well saturated, good oil odor, straw cut, bright yellow fluorescence.
2260' Rec. 3/4" Oil sand, light tan stain, friable, medium to coarse grained, fairly poorly sorted, silty, fair to poor porosity and permeability. Fair saturation, good oil odor, dark straw cut, bright yellow fluorescence.
2317' Bullet lost.
2332' Rec. 3/4" Oil sand, medium gray with tan stain, friable, massive, medium grained, poorly sorted, silty, fair to poor porosity and permeability. Fair oil saturation. Weak odor, very light straw cut, light yellow fluorescence.
Oil sand, light tan oil stain, friable, massive, fine grained, poorly sorted, silty, low porosity and permeability. Good saturation, good odor, straw cut, light yellow fluorescence.

Oil sand, tan oil stain, friable, fine to medium grained, massive, poorly sorted, silty, fair to poor porosity and permeability. Good oil saturation, good odor, dark straw cut, light yellow fluorescence.

Oil sand, dark tan oil stain, friable, medium to coarse grained, poorly sorted, silty, fair porosity and permeability. Good oil saturation, good odor, light amber cut, light yellow fluorescence.

Oil sand, brown oil stain, friable, medium grained, massive, poorly sorted, silty, fair porosity and permeability. Good dark oil saturation, good odor, amber cut, dull yellow fluorescence.

Oil sand, light tan oil stain, friable, fine to medium grained, poorly sorted, silty, poor porosity and permeability. Good light colored saturation, good odor, light straw cut, light yellow fluorescence.

Oil sand, light tan oil stain, friable to loose, massive, fine to medium grained, poorly sorted, silty, fair porosity and permeability. Good oil saturation, good odor, dark straw cut, light yellow fluorescence.

Bullet empty.

Bullet lost.

Bullet lost.

Bullet lost.

Note: Above four samples were each taken 50' too low in error by Schlumberger.
The Texas Company
Elkins "5

3495' Bullet lost.
3510' Bullet empty.

SECOND RUN

1263' Rec. 1" Sand, medium gray with green cast, friable, medium to coarse grained, poorly sorted, massive, silty, poor porosity and permeability. No shows.

1281' Rec. 1" Sand, light gray, friable, massive, coarse grained, poorly sorted, silty, poor porosity and permeability, arkosic, subangular grains, no shows.

1500' Rec. 1 1/2" Sand, light green gray, friable, medium grained, poorly sorted, silty, tight, with streak green siltstone and one fragment oil stained sand, light tan, medium grained, silty, tight, very faint odor, bright yellow fluorescence.

1968' Rec. 2" Oil sand, light tan oil staining, friable to firm, massive, medium grained, poorly sorted, silty, poor porosity and permeability, good high gravity odor, well saturated, light straw cut, slightly uneven orange-yellow fluorescence.

2183' Rec. 2 1/2" Sand, light green gray, with very light oil staining, friable, massive, medium grained, poorly sorted, silty, poor porosity and permeability, weak odor, very faint yellow cut, light yellow slightly uneven fluorescence.

2317' Rec. 2 1/2" Oil sand, light tan, friable, massive, fine to medium grained, poorly sorted, silty, poor porosity and permeability, good odor, light straw cut, even orange yellow fluorescence.

2460' Rec. 3" Oil sand, tan oil stain, friable, massive, medium grained, poorly sorted, silty, poor porosity and permeability, good odor, straw cut, well saturated, even orange yellow fluorescence.

3048' Few fragments of light gray sand, medium grained, poorly sorted, silty. Fragments give light yellow fluorescence.

3074' Rec. 3" Oil stained sand, dark greenish gray, firm to friable, fine grained, very silty, very tight. Fair oil odor, straw cut, very dull yellow fluorescence.
3278' Rec. 1/2' Oil stained silt, light gray with green cast, friable, massive. Uneven oil stain, good odor, very faint yellow cut, light yellow fluorescence with gray patches.

3302' Rec. 1' Oil stained silt, as above. Good odor, uneven oil stain, very light yellow cut, light yellow fluorescence with gray patches.

3308' No Recovery Bullet empty.

3315' Rec. 3/4' Oil stained silt, as above. Good oil odor, light even stain, straw cut, even light yellow fluorescence.

3460' No Rec. Bullet empty.

3464' No Rec. Bullet lost.

3477' Rec. 3/4' Oil sand, green-gray with tan cast, friable, coarse to very coarse grained, poorly sorted, fair porosity and permeability, grains subangular. Even oil stain, good odor, light amber cut, even light yellow fluorescence.

3495' Rec. 1' Oil sand, as above at 3477', with occasional green siltstone grains. Even oil saturation, good odor, dark amber cut, even light yellow fluorescence.

3502' Rec. 1/4' Oil sand, as above, coarse grained, even oil saturation, good odor, amber cut, even light yellow fluorescence.

3510' Rec. 3/4' Oil sand, as above at 3502'.

3520' Rec. 1/2' Oil sand, greenish-gray with light tan oil stain, friable to loose, massive, medium to coarse grained, poorly sorted, silty, fair to poor porosity and permeability. Contains occasional pebbles to 1/4" diameter. Even oil saturation, good odor, light amber cut, even light yellow fluorescence.

3560' Rec. 1' Oil sand. As at 3520' above. Slightly uneven oil saturation, fair odor, amber cut, even yellow fluorescence.

3557' Rec. 3/4' Conglomeratic Oil Stained Sand. Light green-gray with patchy dark brown oil stain. Friable, pebbles surrounded to 1/4" diameter in matrix of sand, medium to coarse grained, very poorly sorted, silty, poor porosity and permeability. Weak oil odor, light amber cut, patchy dull orange-yellow fluorescence. Looks wet.
3573' No Rec. - Empty

3593' Rec. ¼" Sand, light gray with green cast, friable to loose, massive, coarse grained, very poorly sorted, silty, poor porosity and permeability. No oil odor, very faint cut color, no fluorescence.

3590' Rec. ⅛" Sand. Greenish gray, friable, massive, medium to coarse grained, poorly sorted, silty, poor porosity and permeability. No shows.

RECEIVED
FEB 8 1954
SANTA PAULA, CALIFORNIA
Core #1
8' Silty claystone, olive gray green with irregular patches stained buff and reddish brown, soft to tough, very badly twisted, contorted and slickensided. No shows.

5' Clayey siltstone, light gray, locally with green cast, firm, locally slickensided, abundant subrounded pyritized inclusions to 1/2" in diameter. No shows.

8' Pebby siltstone, locally oil stained, dark gray to dark green gray, firm to crumbly, matrix of clayey siltstone as above. Pebbles range from 1/8" to 1/2" diameter, are subrounded and larger pebbles are locally shattered and crumbly. Tight, common slickensides. Light tan patuhy oil stain, good odor, amber cuts where stained, light yellow patuhy fluorescence. 5-second gas flash, gas bubbles on mud sheath.

Core #2
6' Silty claystone, green gray, crumbly, slicked and crushed, rare angular chert fragment, fair odor, dark oil stain which bleeds out on fractures, light yellow cut, light yellow patchy fluorescence.

6' Siltstone, light gray, very hard, massive, clayey, common grits and subrounded granules, very tight, fractured and slicked, no shows.

5' Silty claystone, green gray to olive green gray, firm to crumbly, massive but common subrounded granules and pebbles. Larger pebbles are crushed and shatter easily, common slicks, sample appears crushed and is badly contorted. No shows.

3' Silty claystone, light green gray to dark green gray, soft to firm, locally buff or tan patches, rare granules, where firm fractures into angular fractures, amber cut, light yellow uneven fluorescence, gas bubbles on mud sheath, no barrel flash.
Described 11-30-53
Siltstone, predominantly, locally grading to silty sand and conglomerate, variegated in color, predominantly light to dark gray with common green or brown cast, firm to hard, gritty and pebbly throughout, occasionally grading to thin streaks conglomerate. Pebbles are subangular to subrounded and range to 1" in diameter. Silty sand streaks are very poorly sorted, very fine to coarse grained, locally friable, occasional slacks but not as severe as cores above. From 3415-3425' slightly sandy siltstone shows uneven dark oil stain, appears to be low gravity. Good odor, light amber to dark brown cuts, uneven patchy light yellow fluorescence. Three 6" streaks in this interval show good stain and have fair light yellow fluorescence. Appears to be low porosity and permeability. Lower 10' of core also has few sandy streaks, gray, with no shows. Gas bubbles on most of mud sheath, no barrel flash.

Described 11-30-53
Siltstone, variegated in color, gray, gray green, olive green, buff, firm, locally finely sandy, common pebbles to 3/8" diameter, subrounded. No shows.

Fault gouge, black, crumbly, with streaks and inclusions green gray sand, gray siltstone, and occasional fractured pebbles. Dark oil stain on fractured surfaces.

Siltstone, buff, firm, massive, finely sandy, shown flat parting, no shows. Poor 15-30° dips.

Interbedded sand and siltstone, green gray to brown gray, one streak is dark gray. Sand is coarse grained, very poorly sorted, silty, common pebbles to 3/8", tight, siltstone is also pebbly with common girts and pebbles to 3/8". Weak dark oil stain in sandy patches, fair odor, weak fluorescence.

Oil sand, green gray with brown cast, friable, coarse grained, occasional pebbles, very poorly sorted, silty, fair to poor porosity and permeability, good odor, dark stain, dark brown cut, uneven light yellow fluorescence. Gas bubbles on mud sheath, no barrel flash.
Core #5
3468-3498'  Rec. 6'

Few pebbles and cobbles ranging from ½ to 2" diameter, subrounded to subangular and fractured. Few fragments gray green silty coarse gray sand, no stain. Faint odor, light yellow cut from sand fragments. Dark oil stain in patches on pebbles.

Core #6
3499-3513'  No Recovery

Core #7
3527-3550'  Rec. 15'

Described by G.T. Benson 12-3-53
Oil sand, gray-green, massive, loose and unconsolidated, medium to coarse grained, poorly sorted, slightly silty. Fair porosity and permeability. Grains subangular to sub-rounded. Contains occasional subrounded pebbles to ½" diameter. Even brown oil stain, good odor, light to dark amber cut, even yellow fluorescence. No barrel flash.

Core #8
3550-3557'  Rec. 4'

Oil sand, gray-green, massive, loose and unconsolidated, coarse to medium grained, fairly poorly sorted, slightly silty. Fair to good porosity and permeability. Contains rare subrounded pebbles to ½" diameter, and many small fragments of green shale. Thorough oil saturation with occasional coatings of free oil, good odor, amber to dark amber cut, even yellow fluorescence.

Core #9
3557-3586'  No Recovery

Core #10
3586-3592'  No Recovery

Core #11
3592-3596'  No Recovery

Core #12
3596-3601'  Rec. 3'  2½'

Described by W. S. King 12-4-53
Conglomeratic sand. Light greenish gray, triable, massive, coarse grained, very poorly sorted, silty, pebbly with subrounded pebbles 1/8" to 1/2" diameter. Contains common angular inclusions of green siltstone. Arkosic. Poor porosity and permeability to tight. No shows except rare speck yellow fluorescence.

½'
Pebby siltstone. Greenish gray, soft, very sandy, containing common pebbles 1/8" to 1/2" diameter. No shows.
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

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

Santa Paula Calif. December 14 1953

Mr. R L Patton
Santa Paula Calif.
Agent for The Texas Company

Dear Sir:

Your well No. "Elkins" 5 Sec. 5 T. 3N. R. 19W. S.B. B & M. Shilohs Canyon Field, in Ventura County, was tested for water shut-off on December 7, 1953. Mr. C. H. Schultz, designated by the supervisor, was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present R. D. Crum and P. Thayer, drilling foremen.

Shut-off data: 7 in. 23 lb. casing was cemented around the shoe at 3600 ft. on December 5, 1953 in 9 7/8 in. hole with 500 sacks of cement, and 8% jel.

Casing record of well: 11 3/4" cem. 220'; 7" cem. 3600'. W.S.C. 3425'. Four 1/2 test holes at 1890' W.S.C.

Present depth 3601 ft. Bridged with cement from 3600 ft. to 3598 ft. Cleaned out to 3598 ft. for test. A pressure of 350 lb. was applied to the inside of casing for 15 min. without loss after cleaning out to 3500 ft. A Johnston gun and tester was run into the hole on December 7, 1953 into drill pipe tubing with no 3 1/2 ft. of water-mud cushion, and packer set at 3 1/2 ft. with tailpiece to 3 1/2 ft. Tester valve, with 1 in. bean, was opened at 7:30 a.m. and remained open for 1 hr. and 0 min. During this interval there was a light blow for 2 minutes, followed by a light heading blow for the remainder of the test.

The inspector arrived at the well at 8:45 a.m., and Mr. Crum reported that 16 stands were to be pulled and as yet no fluid had been encountered.

The inspector noted:

1. About 90' of medium, slightly gassy drilling fluid entered the drill pipe during the test, equivalent to 0.6 bbl.
2. The pressure bomb charts showed that the testing tool functioned properly during the entire test.

The 7" water shut-off at 1890' is APPROVED.

CC: T W Bell

R. D. BUSH, State Oil and Gas Supervisor

By E. J. Kaplow, Deputy
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

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

Santa Paula, Calif. December 10, 1953

Mr. R. L. Patton
Agent for The Texas Company

Santa Paula, Calif.

Dear Sir:

Your well No. "Elkins" 5, Sec. 5, T. 3N, R. 19 W., S.B. B & M. Shiells Canyon Field, in Ventura County, was tested for water shut-off on December 7, 1953. Mr. C. A. Schulte, designated by the supervisor, was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present R. D. Grumm and F. Thayer, drilling foremen.

Shut-off data: 7 in. 23 lb. casing was cemented around the shoe at 3600 ft. on December 5, 1953 in 9 7/8 in. hole with 500 sacks of cement and 8% gel of which 10 sacks was left in casing.

Casing record of well: 11 3/4 in. cement 220 ft., 7 in. cement 3600 ft. Four 1/2 in. test holes at 3425 ft. W.S.O.

Present depth 3601 ft. Bridged with cement from 3600 ft. to 3598 ft. Cleaned out to 3598 ft. for test. A pressure of 750 lb. was applied to the inside of casing for 15 min. without loss after cleaning out to 3552 ft. A Johnston gun and tester was run into the hole on 3 1/2 in. drill pipe without no ft. of water-mud cushion, and packer set at 3380 ft. with tailpiece to 3400 ft. Tester valve, with 3/8 in. bean, was opened at 2:55 a.m. and remained open for 1 hr. and 0 min. During this interval there was a light blow for 2 minutes, and no blow thereafter.

The inspector arrived at the well at 5:35 a.m., and Mr. Grumm reported that all but 5 stands of drill pipe had been pulled and as yet no fluid had been encountered.

The inspector noted:

1. About 90' of drilling fluid entered the drill pipe during the test, equivalent to 0.7 bbl.
2. The fluid recovered consisted of medium drilling mud.
3. The pressure bomb charts showed that the testing tool functioned properly during the entire test.

The 7th water shut-off at 3425' is APPROVED.

CC: T. W. Bell

R. D. BUSH, State Oil and Gas Supervisor

By: E. J. Kajlow, Deputy
DEAR SIR:

Your proposal to drill Well No. "Elkins" 5, Section 5, T. 3N., R. 16W., S.B. & M., Shells Canyon Field, Ventura County, dated Oct. 23, 1953, received Oct. 26, 1953, 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 Well: 77 feet due East and 161 feet due South from the South East corner of Rancho Sespe
Elevation of ground above sea level 520 feet.
All depth measurements taken from top of Kelly Bushing which is 124 feet above ground."

PROPOSAL:
"Size of Casing

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<th>Weight</th>
<th>Grade &amp; Type</th>
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<td>7&quot;</td>
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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 hole 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.  October 23, 1953

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

Legal description of lease

(Attach map or plat to scale)

Location of Well: 77 feet East and 161 feet South at right angles to said line from the property corner of section
Rancho Sespe

Elevation of ground above sea level 529 feet datum.

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

PROPOSED CASING PROGRAM

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<th>SIZE OF CASING</th>
<th>WEIGHT</th>
<th>GRADE AND TYPE</th>
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<th>BOTTOM</th>
<th>CEMENTING DEPTHS</th>
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<td>10(\frac{3}{4})</td>
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<tr>
<td>7&quot;</td>
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<td>J-55</td>
<td>0</td>
<td>2500</td>
<td>2460</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  Box 510, Santa Paula, Calif.  The Texas Company

Telephone Number  6P  By  R.F. Cory, Dist. Field Engineer

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