DEPARTMENT OF CONSERVATION
STATE OF CALIFORNIA

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 [Signature]
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.  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
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field or County: Shieles 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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<tbody>
<tr>
<td>5 (111-02915)</td>
<td>16 (111-02925)</td>
</tr>
<tr>
<td>6 (111-02916)</td>
<td>17 (111-02926)</td>
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<td>7 (111-02917)</td>
<td>20 (111-02928)</td>
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<td>9 (111-02919)</td>
<td>21 (111-02929)</td>
</tr>
<tr>
<td>10 (111-02930)</td>
<td>13 (111-02922)</td>
</tr>
<tr>
<td>11 (111-02921)</td>
<td>14 (111-02923)</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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<tr>
<td>Form 121</td>
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<td>New Well Cards</td>
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<td>Well Records</td>
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<tr>
<td>Electric Logs</td>
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<tr>
<td>Production Reports</td>
<td></td>
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<tr>
<td>Map and Book</td>
<td></td>
</tr>
<tr>
<td>Form 148</td>
<td></td>
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<tr>
<td>Notice to be cancelled</td>
<td></td>
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<tr>
<td>Bond status</td>
<td></td>
</tr>
</tbody>
</table>

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

Deputy Supervisor
History of Oil or Gas Well

Operator: Texaco Inc.  Field: Shells Canyon Field

Well No. Elkins #4, Sec. 6, T. 38, R. 19W, S.B. & M.

Date: June 28, 1963  Signed: [Signature]

Box 3337, Ventura, Calif. 642-6781

(Date)  (Address)  (Telephone Number)

Title: District Superintendent  (President, Secretary or Agent)

The purpose of this work is to plug back and add perforations.

Mechanical conditions prior to the work:

Total depth: 3994'  P.D.: 3502'

Casing record: 7", 23', J-55, surface to 3545'.

Perforations: 3453'-3460'

W.O.S.O.: 3410' and 1765'

Tubing: 2-1/2", surface to 3414'.

Status: Shut in - uneconomic to operate.

Last produced: 12/59: 1 BO/D, 60% cut.

Reference: Original K.B. which was 8.5' above the mat.

Work done:

1963

3-29 Moved in rig. Pulled the rods and pump. Displaced the oil with salt water. Lowered tubing to 3475'. Displaced 40 sacks of cement. Pulled up to 2855' and circulated the hole clean. Located top of cement at 3365'. The Division of Oil and Gas witnessed and approved the cement plug at 3365'. Perforated with one bullet hole per foot from 1783' to 2690' at intervals. Ran 87 joints of 2-1/2' tubing with new pump shoe and landed at 2707'. Ran 89 - 3/4' rods. Released the rig. Returned the well to production.

Mechanical condition following the work:

Same as before except for cement plug at 3365' and additional perforations of one bullet hole per foot from 1783' to 2690' at intervals.

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.
Production Data Following the work:

<table>
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<tr>
<th>Date</th>
<th>BO/D</th>
<th>BW/D</th>
<th>% Cut</th>
<th>°API Gravity</th>
<th>MCF/D</th>
<th>Status</th>
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</table>
STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T. 263-58

Mr. O. W. Chouette
P. O. Box 3337
Ventura, Calif.

Agent for Texaco Inc.

Santa Paula Calif.
April 2 1963

DEAR SIR:

Operations at well No. "Elkins" 4, Sec. 6, T. 3 N., R. 19 W., S.B., B & M. Shihls Canyon Field, in Ventura County, were witnessed on March 29, 1963, Mr. Harold W. Bertholf, representative of the supervisor was present from 5:00 p.m. to 6:00 p.m. There were also present L. E. Tomlinson, Company Drilling Foreman and S. Wright, Contract Drilling Foreman.

Present condition of well: 11-3/4" cem. 254 ft.; 7" cem. 3545 ft.; perf. 3453 1/2 - 3490 1/2, perf. 3410 1/2 W.S.O., perf. 1765 1/2, W.S.O. T.D. 3980 1/2, plugged with cement 3475 1/2 - 3365 1/2.

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

Mr. Tomlinson reported:

1. The hole was cleaned out to 3480 ft.
2. On March 29, 1963, 40 sacks of cement was pumped into the hole through 2-3/8" tubing hanging at 3475', filling to 3365'.

The Engineer noted that the cement plug at the reported depth of 3365' supported 10 points of the weight of the tubing.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 3365' ARE APPROVED.

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By ________________________ Deputy
Mr. O. W. Chonette
P. O. Box 3337
Ventura California
Santa Paula, Calif.
March 12, 1963
Agent for Texaco Inc.

Dear Sir:

Your proposal to alter casing Well No. "Elkins" 4 Section 6 T. 3N, R. 19W, S.B. B. & M., Shells Canyon Field, Ventura County, dated Feb. 11, 1963, received March 11, 1963, 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: T.D. 3989'. No record of any plugs.

THE STATUS
"The present condition of the well is as follows:
1. Total depth. 3994'. PD: 3502'.
2. Complete casing record.
   11-3/4", 42#, 0'-254' Cmtd. at 254 with 220 sacks
   7", 23#, J-55, 0'-3545'. Cmtd. at 3545' with 550 sacks.
   Perfs: 3453'-3480'.
   WSO: 3410' and 1765'.
3. Last produced: 12/59 1 BO/D 26° API 60% Cut"

PROPOSAL:
"The proposed work is as follows:
Place cement from 3475' to 3325'.
Perf. at intervals from 1783' - 2690'."

DECISION:
THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED TO WITNESS the location and hardness of the cement plug at 3325'.

Blanket Bond
DER:b

E. R. MURRAY-AARON, State Oil and Gas Supervisor
Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well
This notice must be given before work begins; one copy only

February 11, 1963

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 #4
(Cross out unnecessary words)
Sec. 6, T. 3 N., R. 19 W., S.B. B. & M.
Shiells Canyon Field, Ventura County.
The present condition of the well is as follows:

1. Total depth. 3994'  PD: 3502'

2. Complete casing record.
   11-3/4", 42#, 0'-254' Cmtd. at 254 with 220 sacks.
   7", 23#, J-55', 0'-3545' Cmtd. at 3545' with 550 sacks.
   Perfs: 3453'-3480'.
   WSO: 3410' and 1765'.

3. Last produced. 12/59  BO/D  26° APT  60%
   (Date) (Net Oil) (Gravity) (Cnt)

The proposed work is as follows:

Place cement from 3475' to 3325'.
Perf. at intervals from 1783' - 2690'.

TEXACO Inc.
(Name of Operator)

WELL SUMMARY REPORT

Operator: The Texas Company  
Field: Shieh's Canyon

Well No.: Elkins #4  
Sec. 6, T.3N, R.19W, S.2B, B. & M.

Location: 298.18' SW'ly along the S line of the Rancho Sespe from the SE cor. thereof designated as S-Q, thence W'ly at rt angles thereto 180.70'.

Elevation above sea level: 511.02 feet.

All depth measurements taken from top of Kelly Bushing, which is 8.5 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.

Date: December 30, 1953

Signed: ____________________________
(Engineer or Geologist)
R. L. Patton
(Superintendent)

Title: ____________________________
(Supervisor, Secretary or Agent)

Commenced drilling: 7-18-53  
Completed drilling: 8-18-53  
Drilling tools: Cable Rotary

Total depth: 3994'  
Plugged depth: 3502'

DEEP MARKERS

DRAWS: Approx. 16'2' SW'ly along the E line of Projected Sec. 6, T.3N, R.19W, S.2B, B. & M., from the NE cor. thereof, thence W'ly at rt angles 160' (Corrected from 165')

Commenced producing: 8-21-53

Flowing/gas lift/pumping

<table>
<thead>
<tr>
<th>Clean Oil</th>
<th>Gravity Clean Oil</th>
<th>Per Cent Water</th>
<th>Gas</th>
<th>Mf. per day</th>
<th>Tubing Pressure</th>
<th>Casing Pressure</th>
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<tr>
<td>14</td>
<td>26.5</td>
<td>0.2%</td>
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</table>

Initial production: 8-27-53

Production after 30 days: 9-27-53

CASING RECORD (Present Hole)

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<thead>
<tr>
<th>Size of Casing (A. F. 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 Cementing Through perforation</th>
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<tr>
<td>11½&quot;</td>
<td>25½'</td>
<td>Surf</td>
<td>42#</td>
<td>New</td>
<td>8-J Welded</td>
<td>Japan</td>
<td>17&quot;</td>
<td>220</td>
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<tr>
<td>7½&quot;</td>
<td>35½'</td>
<td>Surf</td>
<td>23#</td>
<td>New</td>
<td>Sams</td>
<td>Japan</td>
<td>9½/8</td>
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PERFORATIONS

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<th>Size of Casing</th>
<th>From</th>
<th>To</th>
<th>Size of Perforations</th>
<th>Number of Rows</th>
<th>Distance Between Centers</th>
<th>Method of Perforations</th>
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<tbody>
<tr>
<td>7&quot;</td>
<td>3453</td>
<td>3480</td>
<td>½&quot; - 4</td>
<td>3&quot;</td>
<td></td>
<td>Gun Perforated</td>
</tr>
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</table>

Electrical Log Depths: 25½' - 3989

(Attach Copy of Log)
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 bailing.

**Drilling Contractor - A. D. Rushing Inc.**

**July 18, 1953**

Spudded in with 17" hole at 9:30 P.M. Drilled to 46' changed to 10-5/8" hole and drilled ahead.

**July 19, 1953**

Drilled to 254', opened 10-5/8" hole to 17" to 254'. Cemented 254' of 113/4", 42#, slip-joint welded casing with 220 sacks of Colton Construction cement. 10 sacks cement pumped in annulus.

**July 20, 1953**

Installed B.O.P.E. and tested with 500# for 15 minutes. Drilled ahead with 9-7/8" hole.

**July 24, 1953**

Mud weight, 73; viscosity, 40; sand, 10%; water loss, 10 cc.

**July 31, 1953**

Mud weight, 79; viscosity, 45; sand, 5%; water loss, 5 cc.

**August 2, 1953**

At 3000' changed from 9-7/8" hole to 83/4" and drilled ahead to 3100'. Circulated and cleaned hole. Started coring 83/4" hole at 3100' and cored ahead.

**August 4, 1953**

Cored to 3217'. Ran Schlumberger electric log, took side wall samples, and ran hole callipers. Opened 83/4" hole to 9-7/8" from 2900' to 3130'.

**August 5, 1953**

Cleaned out 3217'. Formation Test #1 - Tested interval 3145 to 3217' in open hole. Valve open 2 hours. Had a light blow with harder puffs when adjustable bean sizes were changed. Gas to surface in 11 minutes. Fluid rise of 260' or 2 barrels of thin, very slightly gassy mud with trace of oil. Flowing pressure 180 psi, shut in pressure 200 psi. Cored ahead 83/4" hole.

**August 7, 1953**

Mud weight, 76; viscosity, 43; sand, 3%; water loss, 5 cc.

**August 10, 1953**

Cored to 3595'.

**August 11, 1953**

Opened 83/4" hole to 9-7/8" from 3130' to 3460'. Drilled ahead with 83/4" hole.

**August 13, 1953**

Fishing job 3746'. Fish recovered.

**August 14, 1953**

Drilled to 3989'. Ran Schlumberger electric log, took side wall sample.
samples, and run dip meter. Mud weight, 73; viscosity, 45; sand, 3%; water loss, 5 cc.

8-15 Took Homco sideway samples between 3676' - 3838'. Opened 8½'' hole to 9-7/8'' from 3460' to 3560'.

8-16 Ran 112 joints of 7'' 0.D., 23#, J-55 Japanese seamless casing. Cemented at 3545' with 550 sacks of Modified Oil Well cement.

8-17 Water Shut Off Test #1 - Halliburton gun and tester. Shot four ½'' holes at 3410', packer set at 3378', tail piece at 3400'. One hour test. Had a light blow for 3 minutes then dead for balance of test. Recovered 270' of drilling fluid. Test approved by Division of Oil and Gas.

Water Shut Off Test #2 - Shot four ½'' holes at 1765', packer set at 1733', tail piece at 1755'. One hour test. Light blow for 1 minute then dead for balance of test. Recovered 60' of drilling fluid. Test approved by Division of Oil and Gas.

Ran McCullough gun perforator and perforated four ½'' holes per foot between 3453' and 3480'.

Formation Test #2 - Halliburton Tester. Set packer at 3405'. Two hour test. Light steady blow for full test. Recovered 305' of drilling fluid with light trace of oil. Bottom hole initial flow pressure 170 psi, final flow pressure 185 psi.

8-18 Ran in hole with 2½'' upset tubing. Washed with 440 barrels of salt water. 110 joints of tubing landed with bottom at 3421'.

8-19 and 8-20

8-21 Installed pumping unit. On pump at 3:00 P.M.

8-22 Pumped water to sump.

8-23 Pumped oil to sump. 26.4 gravity 3%.

8-24 Shut In

to
8-26

8-27 Pumped 1½ bbl. 26.5 gravity 0.2%

8-28 Pumped 25 bbls.

8-29 Pumped 22 bbls.
8-30     Pumped  30 bbls.
9-6     Pumped  34 bbls.
9-13    Pumped  43 bbls.   0.2%
9-27     Pumped  42 bbls.   0.2%
10-27   Pumped  55 bbls.   0.2%
11-27   Pumped  68 bbls.   0.2%

Shiells Canyon
Section 6-3N-19W

DIVISION OF OIL AND GAS
RECEIVED
JAN 8 1954
SANTA PAULA, CALIFORNIA
<table>
<thead>
<tr>
<th>Depth</th>
<th>Degree of Drift</th>
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<tr>
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<tr>
<td>200'</td>
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<tr>
<td>835'</td>
<td>0 degrees 40 minutes</td>
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<td>1825'</td>
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<tr>
<td>1985'</td>
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<tr>
<td>2585'</td>
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<tr>
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<td>3000'</td>
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<td>3504'</td>
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<td>3760'</td>
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<tr>
<td>3994'</td>
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SCHLUMBERGER SIDEWALL SAMPLES
Described by W. S. King
8-4-53
SANTA PAULA, CALIFORNIA

1537' Rec. 12
Sand, gray, with pinkish cast, friable, massive, medium grained, silty, tight, no shows.

1575' Rec. 2
Sand, gray, friable, massive, coarse, grained, very poorly sorted, silty, no shows.

1780' Rec. 1
Oil stained sand, gray, with light tan cast, friable, massive, medium grained, silty, poorly sorted, tight, fair odor, very light yellow cut, uneven fluorescence.

1824' Rec. 1/2
Oil Sand, light brown, friable, massive, fine to medium grained, silty, poorly sorted, common green grains, good odor, well stained, orange yellow fluorescence, amber cut, fair porosity and permeability.

1885' Rec. 1/4
Sand, gray with green cast, friable, massive, medium grained, poorly sorted. No shows.

1946' Rec. 1/2
Oil Sand, gray with brown cast, friable, massive, medium grained, poorly sorted, silty, tight, good odor, well stained, bright yellow orange fluorescence, amber cut.

1980' Rec. 1/4
Sand, gray, friable, massive, medium grained, silty poorly sorted. No shows.

2070' Rec. 1/2
Oil sand, light tan, friable, massive, medium grained, silty, fair porosity and permeability, good odor, amber cut, bright yellow fluorescence, amber cut.

2095' Rec. 1/2
Oil Sand as at 2070'

2142' Rec. 3
Sand, green gray, mottled pink gray, friable, medium grained, biotitic, poorly sorted, silty, poor porosity and permeability. No shows.

2185' Rec. 3
Sand, gray with pink cast, friable, massive, medium grained, silty, poorly sorted, small patch oil stain, weak odor, spotty fluorescence, no visible cut.

2224' Rec. 1 3/4
Oil Sand, light tan, friable, fine to medium grained, silty, poorly sorted, poor porosity and permeability, good odor, well stained, bright yellow fluorescence, amber cut.
2253: Rec. 1½" Oil Sand, as at 2224¹.

2434: Rec. 1" Oil Sand, light tan, friable, massive, fine grained, silty, poorly sorted, tight, with irregular inclusion green, firm, siltstone. Oil sand is well stained, good odor, amber cut, yellow fluorescence.

2505: Few small pieces of oil sand mixed with wall cake, fine grained, yellow fluorescence.

2590: Rec. 1" Siltstone, light green, friable, massive, locally finely sandy, faint odor, streaks yellow fluorescence, no visible cut, cut fluoresces faint yellow.

2624: Rec. ¾" Oil Sand, brown gray, friable, massive, medium grained, silty, poorly sorted, fair odor, orange yellow fluorescence, very faint yellow cut, cut fluoresces light yellow. Fair porosity and permeability.

2670: Rec. 1" Sand, light green friable, massive, fine grained, very silty, very poorly sorted, very tight, dull yellow fluorescence, faint odor, slight visible stain, cut fluoresces light yellow.

2970: Rec. 1" Siltstone, dark brown green, firm, massive, no shows.

3042: Rec. 2½" Siltstone, as at 2970¹.
1866: 4" Sand, light gray, friable, massive, fragments, medium grained, silty, poorly sorted, poor porosity and permeability. No shows.

1970: 3/4" Fragments of conglomeratic oil sand, light gray with tan cast, medium grained, friable, rare pebbles, silty, poorly sorted, tight, poor porosity and permeability, light stain, faint odor, very light straw cut, cut fluoresces faint light yellow, sample fluoresces bright orange-yellow.

1980: 1" Oil sand, light gray with tan cast, friable, massive, medium grained, silty, poorly sorted, fair porosity and permeability. Fair odor, bright orange-yellow fluorescence, very light straw cut, cut fluoresces milky yellow.

1983: 1/2" Sand, light gray, friable, crumbled, massive, medium grained, silty, poorly sorted, poor porosity and permeability. No shows.

2143: 1" Oil sand, light gray with green cast, faint oil stain, medium grained, silty, poor porosity and permeability. Patchy yellow fluorescence, weak odor, light straw cut, cut fluoresces milky yellow.

2160: 1 1/2" Oil sand, light gray with green cast, friable, massive, medium grained, silty, poor porosity and permeability. Good odor, even orange-yellow fluorescence, faint stain, light straw cut, cut fluoresces milky yellow.

2187: 1" Oil sand, light gray, friable, massive, medium grained, silty, very poorly sorted, poor porosity and permeability. Faint stain, faint odor, light straw cut, cut fluoresces milky yellow, sample fluoresces 1/2 yellow and 1/2 none.

3460: 3/8" Oil sand, light tan, friable, massive, medium to coarse grained, poorly sorted, fair porosity and permeability. Well stained, good odor, bright yellow fluorescence, amber cut, cut fluoresces milky yellow.

3470: No Recovery

3480: 3/8" Oil sand, as at 3460.

3511: 1/2" Siltstone, green, firm, massive, locally sandy, very fine grained, oil stain in spots with orange-yellow fluorescence, faint odor, amber cut.
<table>
<thead>
<tr>
<th>Rec.</th>
<th>Depth</th>
<th>Description</th>
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<tbody>
<tr>
<td>3527</td>
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<td>Siltstone, green, firm, massive, no shows.</td>
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<tr>
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<tr>
<td>3595</td>
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<td>3843</td>
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<td>3888</td>
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<tr>
<td>3920</td>
<td>1/2&quot;</td>
<td>Conglomeratic sand, green gray, firm, coarse grained, badly fractured, no shows.</td>
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<td>3965</td>
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<td>No recovery.</td>
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</table>
Shields Canyon
Section 6-3N-19W

HONCO SIDE-WALL SAMPLES
Described by W. S. King
8-15-53

2607': 1"
Oil sand, light tan, friable, massive, fine to medium
grained, silty, fair porosity and permeability. Good
odor, bright yellow even fluorescence, amber cut, even
stain.

3470': 1"
Oil sand, light tan with green cast, friable, massive,
medium to coarse grained, very poorly sorted, pebbles
to 1/4" diameter, subangular, silty, fair to poor
porosity and permeability. Good stain, odor, bright
yellow fluorescence, amber cut.

3653: 1/2"
Sand, green gray, friable, massive, medium to coarse
grained, very poorly sorted, silty, poor porosity and
permeability. No shows.

3676: 1/2"
Sand, green gray, friable, massive, medium grained,
very poorly sorted, subangular granules, silty, poor
porosity and permeability. No shows.

3707: 1/4"
Sand, green gray, friable, massive, medium to coarse
grained, silty, very poorly sorted, poor porosity and
permeability. No shows.

3735: 1/2"
Sand, green gray, friable, as above, no shows.

3770: 1/2"
Sand, green gray, friable, as above, no shows.

3815: 1/2"
Sand, green gray, friable, massive, medium grained, silty,
very poorly sorted, poor porosity and permeability. No
shows.

3834: 1/2"
Sand, as at 3815', no shows.

3888: 2"
Sand, green gray, friable, massive, coarse grained,
silty, very poorly sorted, poor porosity and permeability.
No shows.
The Texas Company
Elkins #4

Shiells Canyon
Section 6-3N-19W

DIVISION OF OIL AND GAS
RECEIVED
JAN 3 1954
SANTA PAULA, CALIFORNIA

CONVENTIONAL CORE
Described by W. S. King
8-3-53

Core #1
3100-3125' Rec. 10' 5'
Fault gouge, black, soft to firm, slicked and crushed. Good odor, spotty staining and occasional spotty fluorescence.

4.5' Clay, gray, with green cast, soft, silty, appears crushed. Local staining, oil bleeding, spotty fluorescence, fair odor.

3' Siltstone, green gray, soft, very fine sandy, good odor, fair uneven fluorescence, light amber cut, cut fluoresces light milky yellow.

Note: Core was blown from barrel in removing and was badly mixed up.

Core #2
3125-43' Rec. 17' 5'
Described by R. A. Nesbit 8-3-53
Shaly Siltstone, dark greenish grey with local brownish cast, clayey, firm, local zones highly broken and slicked, gas bubbles and some free oil on mud sheath.

3' Fault gouge, varying in color from light greyish or brownish green to black. Darker zones generally shaly while lighter zones contain some sand, lighter zones are oil stained, with fair odor, light brown cut, and yellow fluorescence.

4' Siltstone, maroon, with irregular interbeds of tan oil sand, fine to medium grained, difficultly friable, poor porosity and permeability, light straw cut, dull yellow fluorescence, and weak yellow fluorescence of cut. Possible 65° or steeper dips.

1' Oil sand, tan color, silty, fine to medium grained, fairly friable, good light brown cut, even yellow fluorescence.

4' Maroon sandy siltstone with local interbeds of oil sand as above. Bottom 2.5' is all maroon, sandy siltstone with no shows. Locally very slicked.
Core #3
3143-70' Rec. 25' 2' Siltstone, dark maroon, massive, firm, apparent vertical dips.

23' Oil sand, tan color, fine to medium grained, generally silty matrix, massive, one chunk of slicked green clay at 3153'. Quartzose and micaceous with common green grains and rare red grains. Estimated poor to fair porosity and permeability, friable, evenly stained throughout except for very minor greenish silty patches, light brown cut, even yellow fluorescence. Good 5-10 second gas burn at top of core barrel, short 2-3 second gas burn at bottom of core barrel. Coring rate - 2 hours for 27 feet.

Core #4
3170-3195' Rec. 24' 5' Described by W. S. King 8-14-53
Oil sand, light tan, friable, massive, medium to fine grained, silty, poorly sorted, fair porosity and permeability. Good odor, bright yellow fluorescence, amber cut, cut fluoresces light milky yellow. No flash.

19' Siltstone, maroon, firm to hard, massive, finely micaceous, lower 5' slicked and slightly distorted with occasional inclusion medium gray or green gray siltstone. Fracture indicates possible 45-55° dip.

Core #5
3195-3217' Rec. 17' 1' Siltstone, maroon, and green, hard, slightly contorted and minor sicks.

1' Sand, light gray, hard, medium grained, massive with streak dark minerals, silty, poorly sorted, poor porosity and permeability. No shows.

2' Siltstone, maroon, firm, massive, with common pebbles of green siltstone.

1' Oil stained sand, light gray with light brown cast, firm, massive, medium grained, silty, poorly sorted, fair to poor porosity and permeability. Weak staining, faint yellow fluorescence, good odor, no visible cut.

2' Siltstone, maroon, firm, as above.

10' Oil sand, light tan to brown, friable, massive, fine to medium grained, silty, poorly sorted, micaceous, fair to poor porosity and permeability. Well stained, in places uneven, good odor,
Core #6 3217-3242  Rec. 25'  21'  
coffee cut, fluoresces bright yellow. Possible 55° dip, 15-second barrel flash.

Described by R. A. Nesbit 8-5-53
Oil sand, generally tan but varying to light brown at base, fine grained with common medium grains, silty matrix, massive, very friable except for lower portion which is fair to difficulty friable, firm, and tight. Estimated low porosity and permeability. Even yellow fluorescence and staining except for one 1" siltstone streak at 3226. Strong petroleum odor, consistent light brown cut, bright yellow fluorescence of cut. At base oil sand with silt stringers grades into —

3' Siltstone, maroon grey, firm, tough, locally slicked, contact with overlying oil sand gives contorted dip of 65° or more.

1' Fault gouge, black, soft, well developed zone.

Described by W. S. King 8-6-53
Fault gouge, dark brown to black, firm to crumbly, slicked on more firm pieces, common streaks and inclusions of green gray siltstone, less common streaks maroon and light tan siltstone, badly contorted. Occasional thin streak silty, fine grained oil stained sand. Faint oil and gas odor throughout, gas bubbles on mud sheath in middle portion, no barrel flash.

Described by W. S. King - 8-6-53
Fault gouge, black to very dark brown, as in core #7, but less crumbly. Common streaks maroon and gray siltstone in upper 1'. Lower 2' common streaks green gray siltstone. badly contorted.

Siltstone, green gray, firm, fairly massive, rare subrounded pebble, rare lenses of light tan siltstone. Entire section contorted and slicks present throughout, though not as badly disturbed as upper part of core.

Gas bubbles on mud sheath, no barrel flash, no other shows. Several slicked fractures dip 45-50°.
Core #9 3252-3308' Rec. 26'  
Described by W. S. King 8-7-53  
Siltstone, green gray, locally with brown cast,  
firm with several harder streaks, massive, rare  
subrounded pebbles, micromicaceous. Common  
slicks but less disturbed than core above.  
Parting indicates 20-30° dip, poor. Some  
steeper fractures. Gas bubbles on mud sheath,  
no barrel flash, no other shows.

Core #10 3308-3333' Rec. 13'  
Siltstone, green gray, firm to hard, massive,  
with local streaks of very hard, dense, clayey,  
siltstone. Micromicaceous, no apparent dips.  
Gas bubbles on mud sheath, no flash, no other  
shows.

Core #11 3333-51' Rec. 18' 18'  
Described by L. B. Freeman 8-7-53 8-10-53  
Shale, dark green-gray, massive, firm, finely  
micaceous; rarely sandy with very fine grained  
sand, predominantly quartz; core is generally  
unbroken except for a few 55-60° fracture  
planes; rare 45° parting; rare gouged and  
slicked areas; occasional forams and rare  
broken shell fragment, no shows.

Core #12 3351-69' Rec. 14' 11'  
Shale and siltstone, as in Core #11 but with  
a brown overcast, generally unbroken as above,  
no shows.

3' Siltstone and oil sand; siltstone is light  
bluish-gray with a green cast, finely micaceous,  
grades into irregular patches of very fine  
grained, well sorted but very silty quartz sand,  
occasional patch of oil staining having a  
bright yellow fluorescence, good dark brown  
cut, and good sharp high gravity oil odor on  
fresh fracture; sand is very tight due to silt  
patches.

Core #13 3369-94' Rec. 3' 2'  
Clay, gray-green, soft and mushy, rare fine  
mica, no sand present either as disseminated  
grains or in beds, no shows.

1' Light bluish-green very fine grained sand  
where unstained to light tan where oil stained  
in irregular patches, massive, tight due to  
interstitial clay, at top are a few fractures  
with light brown free oil; where stained gives  
fair cut, weak odor, generally weakly oil  
stained.
Core #14
3394-3415, Rec. 21
21
Described by L. B. Freeman
Siltstone, gray-green, massive, firm to soft, finely micaceous, good siltstone at top of recovery grading into patches of very fine grained, tight, silty sand, core generally grades downward into sand, predominantly very fine grained sandy matrix with abundant siltstone having scattered coarse angular and rounded grains scattered throughout, firm, hard, entire interval is tight; no shows except for block fracture having some dark brown free oil at very top 6" there are no other shows.

Core #15
3415-38, Rec. 22
10
Siltstone, gray-green as above with patches sand as above, no shows.

Core #16
3438-3456, Rec. 17
17
Sandstone, dark gray-green, consists of medium - coarse sand and pebbles in a silty fine grained matrix, massive, firm - hard, very poorly sorted, tight, one fair 85° dip at 3430', rare very poor 20° parting (?); very weak erratic oil staining throughout, faint odor on fresh fracture where stained, weak fluorescence, very faint cut.

Core #17
3456-57, No Recovery

Core #18
3504-24, Rec. 8
2
Conglomeratic sand, dark green, massive, firm - hard depending on amount of interstitial silt, very poorly sorted consists of all sizes range of particles from well rounded 2" cobbles to very fine grained angular sand in a silty matrix - locally silt content increases to as much as 30%, entire core is very tight, poor 50° dip by pebble alignments, no shows.

Oil stained Siltstone, gray-green, sandy with very fine grained sand and occasional coarse grains, finely micaceous, soft, oil stained in patches especially where more sandy, good even yellow fluorescence where stained, good odor, good dark brown cut, grades into
Oil stained sand and silt, sand is poorly sorted, fine - coarse grained, angular to subrounded, firm to soft, easily friable, very silty, low porosity and permeability due to silty character, shows as in interval above, grades into

Oil stained siltstone, as in first 2' of recovery with same shows.

Described by W. S. King, 8-10-53

Oil sand, green gray with brown stain, friable to loose, coarse grained, pebbly in lower part very poorly sorted, good odor, dark brown cut, even orange yellow fluorescence with rare gray spots. Fair to good porosity and permeability.

Clayey Siltstone, green gray, firm to friable, oil stain in middle for 6" where slightly sandy, even orange yellow fluorescence, good odor, dark brown cut. Also 1/2" streak olive green sandy siltstone with no shows. 62-68° good dip.

Conglomeratic sand, with subrounded pebbles to 1/2" diameter, green gray, friable to loose, coarse grained, silty, very poorly sorted, poor porosity and permeability. Some scattered dark oil stains, fair odor, amber cut, spotty fluorescence.

Described 8-11-53

Clayey siltstone, green, firm to friable, locally pebbly and sandy. Common streaks where above grades into pebbly sand, green gray, with patchy dark oil staining, coarse grained, very poorly sorted, silty, subrounded grains. Pebbles range to 1/4" diameter. No stain where tight and clayey, possibly wet. Stained sand gives dark brown cut, orange - yellow fluorescence, cut fluoresces dull yellow, fair odor. Poor 70° dip along contact.

Clayey siltstone, green, firm to friable, locally sandy, locally grading into green gray conglomeratic sand, silty, very poorly sorted, with subrounded pebbles to 1/4" diameter. Lower 6" contains 1/2" pebbles. No shows except 1/2" thick vertical streak of spotty dark oil stained sand at 3577, with faint odor, spotty orange-yellow.
Core #21 Cont'd. fluorescense, dark brown cut. Possible steep dips ±70°.
STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS

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

No. T. 253-283

Santa Paula  
Calif.  
August 19 1953

Mr. R. L. Patton  
Santa Paula  
Calif.

Agent for  
The Texas Company

Dear Sir:

Your well No. "Elkins" 4, Sec. 6, T., 3N., R. 19W., S.B., B & M. 
Bardsdale Field, in Ventura County, was tested for water shut-off 
on August 17, 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  
M. Honeycutt and 
P. Harmonson, drilling foremen 

Shut-off data:  
7 in. 23 lb. casing was cemented around the shoe at 3540 ft. 
on August 16, 1953 in 9 7/8 in. hole with 550 sacks of cement 
of which 7 sacks was left in casing. 

Casing record of well:  11 3/4" cem. 250'; 7" cem. 3540'; W.S.O. 3410'; 
Four 1/2" test holes at 1765' W.S.O.

Present depth 3994 ft. Bridged with cement from 3540 ft. to 3502 ft. 
Cleaned out to 3502 ft. for test.  
A pressure of - - lb. was applied to the inside of casing for - - min. without loss after cleaning out to - - ft. 
A Halliburton 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 1733 ft. with tailpiece to 1755 ft. 
Tester valve, with 1/2 in. bean, was opened at 4:50 a.m. and remained open for 1 hr. and 0 min. During this interval there was a light blow for 1 minute and 
no blow thereafter.

The inspector arrived at the well at 7:10 a.m., and Mr. Honeycutt reported:

1. All but 10 stands of drill pipe had been pulled and as yet no fluid had been encountered.

The inspector noted:

1. About 60 ft. of medium drilling fluid entered the drill pipe during the test, 
equivalent to 0.48 bbl.

2. The pressure bomb charts showed that the testing tool functioned properly during the entire test.

The 7" water shut-off as tested through holes at 1765' is APPROVED.

CC: T. W. Bell

*Trans. of Shattuck Company 9/1/53

R. D. BUSH, State Oil and Gas Supervisor

By C. J. Kopp, Deputy
Dear Sir:

Your well No. "Elkins" 4, Sec. 6, T. 3 N., R. 19 W., S.B. B & M. Bardsdale Field, in Ventura County, was tested for water shut-off on August 17, 1953. Mr. G. H. Schultz, designated by the supervisor, was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present M. Honeycutt and P. Harmanson, drilling foremen.

Shut-off data:
- 7 in. 23 lb. casing was cemented around the shoe at 3540 ft.
- on August 16, 1953, in 9 7/8 in. hole with 550 sacks of cement of which 7 sacks was left in casing.

Casing record of well:
- 11 3/4 in. cemented 250 ft.; 7 in. cemented 3540 ft.; Four 1/2 in. test holes at 3410 ft.

Present depth 3994 ft. Bridged with cement from 3540 ft. to 3502 ft. Cleaned out to 3502 ft. for test. A pressure of 750 lb. was applied to the inside of casing for 10 min. without loss after cleaning out to 3502 ft. A Halliburton gun and tester was run into the hole on 3 1/2 in. drill pipe with no ft. of water-mud cushion, and packer set at 3378 ft. with tailpiece to 3400 ft. Tester valve, with 1/2 in. bean, was opened at 1:15 a.m. and remained open for 1 hr. and 0 min. During this interval there was a light blow for 3 minutes, and no blow thereafter.

The inspector arrived at the well at 2:30 a.m., and Mr. Honeycutt reported:
1. About 30 stands remained to be pulled.
2. As yet, no fluid had been encountered.

The inspector noted:
1. About 270 ft. of medium drilling fluid entered the drill pipe during the test, equivalent to 2.16 bbl.
2. The pressure bomb charts showed that the testing tool functioned properly during the entire test.

The 7 in. water shut-off as tested through holes at 3410 ft. is APPROVED.

CC: T W Bell

R. D. BUSH, State Oil and Gas Supervisor
By E. J. Kaplan, Deputy
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P. 253-283

Santa Paula, Calif. July 21, 1953

Mr. R. L. Patton
Santa Paula, Calif.

Agent for The Texas Company

Dear Sir:

Your proposal to drill Well No. "Elkins" 4

Section 6, T. 3N., R. 19W., S.B. B. & M., Bardadele Field, Ventura County,
dated July 17, 1953, received July 17, 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: 298.18 feet S W'ly along property and 180.70 feet S E'ly at right angles to said line from the South East (designated S-9) corner of property (Rancho Sespe) or Approx. 1642 feet S'ly along the East line of projected section 6 from the NE corner thence Westerly at right angles 165 feet. Elevation of ground above sea level 580 feet (Estimated). All depth measurements taken from top of Kelly Bushings which is 10 feet above ground."

PROPOSAL:
"Size of Casing

<table>
<thead>
<tr>
<th>Inches A.P.I.</th>
<th>Weight</th>
<th>Grade &amp; Type</th>
<th>Top</th>
<th>Bottom</th>
<th>Cementing Depths</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 3/4</td>
<td>42#</td>
<td>Welded</td>
<td>0</td>
<td>200</td>
<td>200 Cement to surface</td>
</tr>
<tr>
<td>7</td>
<td>23#</td>
<td>J-35 Seamless</td>
<td>0</td>
<td>3500</td>
<td>3300</td>
</tr>
</tbody>
</table>

Intended zone or zones of completion: Subfault Zone Estimated 3300 to 3500."

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 is plugged with cement insofar as possible.

4. Waters suitable for irrigation shall be protected by cementing from possible pollution. For this purpose, this Division shall be consulted regarding such protection and cementing prior to running any casing into the hole below the 11 3/4".

5. This Division shall be notified to witness a test of any possible water shut-off.

Blanket bond.

R. D. BUSH
State Oil and Gas Supervisor

CC: T W Bell
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
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, California, July 17, 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 #4, Sec. 6, T. 3N, R. 16W, S.B. B & M., Shieles Canyon Field, Ventura County.

Legal description of lease

(Attach map or plat to scale)

Location of Well: 298.18 feet S Wly along property line and 180.70 feet S Ely at right angles to said line from the South East (designated S-9) corner of property line (Rancho Sespe) or Approx. 1642 feet S Ely along the East line of projected section 6 from the NE corner thence Westerly at right angles 165 feet.

Elevation of ground above sea level 580 feet (Estimated) datum.

All depth measurements taken from top of Kelly Bushings which is 10 feet above ground.

( Derrick Floor, Rotary Table or Kelly Bushing)

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>
</tr>
</thead>
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<tr>
<td>11 3/4&quot;</td>
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</tr>
</tbody>
</table>

Intended zone or zones of completion: Subfault Zone Estimated 3300 to 3500

MAP | MAP BOOK | CARDS | BOND | FORMS
---|---------|------|------|-------
18  | c.h.s.  | Blamcest |       | 115 131

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

District Petroleum Engineer

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