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:

   18 (111-02927), “Elkins” 20 (111-02928), and “Elkins” 21 (111-02929), Sections 5, 6 & 7,
   Township 3N., Range 19W., S.B.B.&M., Ventura County, on lands owned or controlled by
   Elkins Ranch Company:

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

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

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

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

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

Hal Bopp  
State Oil and Gas Supervisor

by  
Bruce H. Hesson  
District Deputy

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

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

HEARING PROCEDURE

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

Wells "Elkins" 1 (111-00357), "Elkins" 2 (111-02913), "Elkins" 4
(111-02914), "Elkins" 5 (111-02915), "Elkins" 6 (111-02916), "Elkins" 7
(111-02917), "Elkins" 8 (111-02918), "Elkins" 9 (111-02919), "Elkins" 10
(111-02920), "Elkins" 11 (111-02921), "Elkins" 14 (111-02923), "Elkins" 16
(111-02925), "Elkins" 17 (111-02926), "Elkins" 18 (111-02927), "Elkins" 20
(111-02928), and "Elkins" 21 (111-02929).

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

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

SUMMARY OF EVIDENCE PRESENTED RE: ORDER 951

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

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

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

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

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

DATE: December 18, 2003

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

I, Judith P. Waggoner, declare as follows:

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

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

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

To
John F. Hertz, Esq.
Lobodo, Inc.
236 S. Coronado St., #409
Los Angeles, CA 90057-1456

Dr. Mark Doherty
1909 South Elliot
Pryor, OK 94361

By:

_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: Bardsdale

Former Owner: Texaco, Inc.

Description of Property: Sec. 7 T3N R19W SBD&M

List of Wells: "Elkins" 1 (111-00357)

Date of Transfer: October 1, 1972

New Owner: Lobodo, Inc.

Address: P O Box 576
Santa Ynez, California 93460

Telephone No.

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.

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

[Signature]
Deputy Supervisor
DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator: Teso Inc.
Field: Bardedale Area-Shields Canyon

Well No.: Elkins 01
Sec.: 7
T.: 3W
R.: 19W
B. & M.

Date: July 29, 1968
Signed: C. N. Chelette

P.O. Box 3337, Ventura, Calif. 93003
District Superintendent: Y. T. Y. A. W. H. K. M. E.

(Address) (Telephone Number) Title (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.

Date

The purpose of this work was to place a drillable bridge plug, obtain NGL, and perforate casing.

Mechanical condition prior to the work:

Total depth: 7251'  Plugged depth: 7250'

Casing: 11-3/4" surface to 505' (474 ft. sm. J-55)
5-1/2" surface to 7150' (15 1/2" x 17" Sm. J-55)

Perforations:

5-1/2 casing from 6722' to 7150'
(Slotted 80W-2-1/2" S, 12R, 6°C)

H.P.: 6570'

Reference: R.E. 11.1 above mat.

Last production prior to work:

(Data) (BO/D) (GW/D) (Gas mcf/D)
August 1963 6 6 N/A

1967

9-21
California Production Service Co. moved on location at 2:00 P.M. and rigged up. Ran a 4 3/4" plus a 5 1/2" scraper and cleaned out casing to 1750'. Ran and set a Baker cast iron bridge plug (model D) at 1707'. Ran and dumped one sack of Class "G" cement on top of bridge plug at 1707'. Ran a Johnston shoot and tester, and shot four 1/2" holes at 1530'.

9-22
Set Johnston tester at 1489' with tail to 1515'. Opened tool for a one hour test; had a medium blow for ten minutes. Pulled out and recovered 460' of fluid. (Salt water & drilling mud). Test was not approved by D.O.G. Remarks: Ran and set a Baker squeeze
tool at 1460'. Made a pump test; tested as: 900 psi at 26 cu. ft. per minute. Halliburton squeezed 100 sacks of class "G" cement through the four 1/2" holes at 1530' with a maximum pressure of 500 psi and a shut down pressure of 200 psi. Ran a 4 3/4" bit with scraper and drilled out cement from 1525' to 1531'. Pressure tested hole with a maximum pressure of 350 psi and a shut down pressure of 0 psi (test would not hold). Squeeze #2: Ran and set a Baker squeeze tool at 1430'. Halliburton squeezed 100 sacks of class "G" cement through the 1/2" holes at 1530', with a maximum pressure of 650 psi and a shut down pressure of 500 psi.

9-23

Ran a 4 3/4" bit and drilled out cement from 1432' to 1540'. Ran Go Western equipment and jet perforated four 1/2" holes at 1610'.

Squeeze #3: Ran and set a Baker squeeze tool at 1553'. Pressure tested hole to 1000 psi and formation broke down. Halliburton squeezed 70 sacks of class "G" cement through 1/2" holes at 1610', with a maximum pressure of 1250 psi and a shut down pressure of 850 psi. Ran a 4 3/4" bit and drilled out cement from 1558' to 1600'. Pressure tested hole, pressure gave away at 350 psi.

Squeeze #4: Ran and set a Baker squeeze tool at 1431'. Halliburton squeezed 50 sacks of class "G" cement treated with 2% CaCl₂, through 1/2" holes at 1530', with a maximum pressure of 800 psi, that broke down to 400 psi, with a standing pressure of 200 psi.

9-24

Ran a 4 3/4" bit and drilled out cement from 1425' to 1530'.

Pressure tested hole; test would not hold. Squeeze #5: Ran and set a Baker squeeze tool at 1400'. Halliburton squeezed 50 sacks of class "G" cement treated with 3% CaCl₂, through 1/2" holes at 1530', with a maximum pressure of 750 psi and a standing pressure of 400 psi. Ran a 4 3/4" bit and drilled out cement from 1430' to 1530'. Pressure tested hole to 400 psi; test would not hold.

Squeeze #6: Ran set a Baker squeeze tool at 1400'. Halliburton squeezed 50 sacks of class "G" cement treated with 3% CaCl₂, through 1/2" holes at 1530', with a maximum pressure of 1950 psi and a shut down pressure of 1950 psi.

9-25

Ran a 4 3/4" bit and drilled out cement from 1413' to 1530'.

Pressure tested hole to 500 psi for ten minutes, test held. Ran in and cleaned out hole to 1500' (plugged depth 1600'). Ran Go Western equipment and jet perforated four 1/2" holes at 1547', (M50). Ran a Johnston shoot and tester, with packer set at 1471' and tail to 1511'. Opened tool for a one hour test, had a light blow for the first two minutes, then dead for the remainder of test. Chart indicated that the tester functioned properly. Pulled drill pipe and had a 20' rise of fluid, (salt water). M50 test at 1547' was witnessed and approved by a representative from the office of D.E.G. Go Western jet perforated two 1/2" holes per foot from 1560' to 1580', (60 holes total). Laid down drill pipe and equipment.
Texaco Inc.  
Elkins #1  
July 29, 1968

Field: Bardsdale Area  
Sheeks Canyon  
Sec. 7, T.4N, §19W, S.B.M.

9-26. Ran a bottom hole mechanical hold down pump shoe on 2 7/8" EUE tubing. Released rig at 9:30 A.M.

9-27. Moved out work over rig.


9-29. Ran pump and rods.


10-12. Shut well in; no fluid.

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<th>(EW)</th>
<th>(%Cut)</th>
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Production data following the work:

Mechanical condition following the work:

Total depth: 7251'

Plugged depth: 7250' and at 1600'

Note: Baker cast iron bridge plug (model M) set at 1707' with cement plug at 1600'.

Casing: 11 3/4" surface to 505' (47# smls. J-55)

5 1/2" surface to 7150' (15.5# smls. J-55)

Perforations: 5 1/2" casing from 6722' to 7150' (slotted 80 M, 12, 2 1/2", 6°C) Two 1/2" holes per foot from 1560' to 1590' (60 holes total)

W.S.O.: 6670' and 1547'

Reference: K.B. 11.1 above mat.
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

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

No. T. 267-175

Mr. O W Chouette
P.O. Box 3337
Ventura Calif 93003

Agent for Texaco Inc.

Dear Sir:

Your well No. "Elkins" 1, Sec. 7, T. 3N, R. 19W S.B., B & M.
Bardesdale Field, in Ventura County, was tested for water shut-off
on Sept. 25, 1967. Mr. N. Bosch, engineer

designated by the supervisor was present
from 5:45 p.m. to 6:15 p.m. as prescribed by law; there were also present Von Fortenberry,
drilling foreman and A. Van Deventer, driller

Shut-off date: 5-1/2 id. 15 & 17 lb. casing was re-cemented through perforations at 1530 ft.
on Sept. 24, 1967 in 8-1/2 in. hole with 50 H & L
sacks of cement of which 37 sacks was squeezed away under a final pressure of 800 psi.

calculated to fill behind casing to ----- ft. below surface.

Casing record of well: 5-1/2" Id. 7150', perf. 6722-7150', c.p. 6712', 1530' & 1610',
perf. 6670', W.S.O., perf. 1547', W.S.O. T.D. 7251', plugged with cement 7251-
7150', with bridge plug at 1707', with cement 1610-1600'.

Present depth: 7251 ft. cmt. bridge 1610 ft. to 1600 ft. Cleaned out cmt. 1413 ft. to 1530 ft. for test.
A Johnston gun and tester was run into the hole on 2-3/8 in. drill pipe tubing,
with ----- ft. of water-mud cushion, and packer set at 1491 ft. with tailpiece to 1511 ft.
Tester valve, with 1/2 in. bean, was open for 1 hr. and ----- min. During this interval there was a weak blow for 1 min. and no blow thereafter.

Mr. Fortenberry reported:
1. The hole was cleaned out to 1750'.
2. A bridge plug was set at 1707' and capped with one sack of cement.
3. The 5-1/2" casing was perforated with four 1/2" holes at 1530' and the well tested wet.
4. On Sept. 22, 1967, the 5-1/2" casing was recemented through perforations at 1530'
with 200 sacks of cement of which 188 sacks was forced away under a final pressure
of 800 psi.
5. Cement was drilled out of the hole from 1432' to 1540'.
6. The 5-1/2" casing was perforated with four 1/2" holes at 1610'.
7. On Sept. 23, the 5-1/2" casing was recemented through perforations at 1610' with
70 sacks of cement of which 65 sacks was forced away under a final pressure of
800 psi.
8. Cement was drilled out of the hole from 1558' to 1600'.
9. The perforations in the 5-1/2" casing at 1530' broke down when pressure tested.
10. On Sept. 23, the 5-1/2" casing was recemented through the perforations at 1530' with
50 sacks of cement.
11. Cement was cleaned out of the hole from 1433' to 1530'.
12. On Sept. 24, the 5-1/2" casing was recemented through perforations at 1530' with 50
sacks of cement of which 40 sacks was forced away under a final pressure of 800 psi.
13. Cement was cleaned out of the hole from 1439' to 1530'.
14. The 5-1/2" casing was recemented as noted in the form above.
15. Cement was cleaned out of the hole from 1413' to 1530' and the hole cleaned out to 1600'.
16. The 5-1/2" casing was pressure tested with 500 psi. for 10 minutes without loss.

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

By __________________________ Deputy

(continued)
Report on Test of Water Shut-off
or
Special Report on Operations Witnessed

Texaco Inc.

Well No. "Elkins" 1, Sec. 7, T. 3N, R. 19W, S.B. B. & M.

17. The 5-1/2" casing was perforated with four 1/2" holes at 1547' and a Johnston tester run.

The engineer noted:
1. When the drill pipe was removed, 30' of hole fluid was found above the tester.
2. The pressure bomb chart indicated that the tester functioned properly.

THE 5-1/2" SHUT-OFF AT 1547' IS APPROVED.

E. H. MUSSER
State Oil and Gas Supervisor

By ______________________ Deputy
REPORT ON PROPOSED OPERATIONS

Mr. O W Chonette
P O Box 3337
Ventura Calif 93003

Agent for Texaco Inc.

Santa Paula Calif. Sept. 14, 1967

Dear Sir:

Your proposal to plug and alter casing Well No. Elkins 1 (111-00357), Section 7, T. 3N., R. 19W., S.E. B. & M., Bardadale Field, Ventura County, dated Aug. 1, 1967, received Sept. 12, 1967, 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:
5-1/2" Id. 7150', perf. 6722-7150', c.p. 6712', perf. 6670', W.S.O. T.D. 7251', plugged with cement 7251-7150'.

THE NOTICE STATES:
"The present condition of the well is as follows:
1. Total depth: 7251'.
2. Complete casing record, including plugs:
   PD 7150'
   11-3/4' 47# Surf. to 505'
   5-1/2" 15.5# & 17# Surf. to 7150'
3. Last produced: 8/62 6 B/D Oil 6 B/D Water N/A Mcf/Gas"

PROPOSAL:
The proposed work is as follows:
1. Place a drillable bridge plug with 2 x cement on top at 1700'1. Obtain a W.S.O. at 1530'.
2. Perforate from 1560' - 1590' with 2 holes/foot."

DECISION:
The proposal is approved provided that this division shall be notified to witness a test of the 5-1/2" water shut-off at 1530', as proposed.

Blanket Bond
DER:b

E. R. MURRAY-AARON, State Oil and Gas Supervisor
DIVISION OF OIL AND GAS

Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Ventura Calif. August 1, 1967

DIVISION OF OIL AND GAS

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 #1

Cross out unnecessary words

Sec. 7, T. 3N, R. 19W, SB

Bardsdale Area—Shiells Canyon Field, Ventura County.

The present condition of the well is as follows:

1. Total depth. 7251'

2. Complete casing record, including plugs:
   PD 7150'
   11-3/4" 47# surf. to 505'
   5-1/2" 15.5 & 17# surf. to 7150'

3. Last produced. 8-62
   (Date) 6
   (Oil, B/D) 6
   (Water, B/D) N/A
   (Gas Mcf/D)

The proposed work is as follows:

Place a drillable bridge plug with 2 sx cement on top at 1700';
obtain a WSO at 1530'.
Perforate from 1560'-1590' with 2 holes/foot.

P.O. Box 3337
(Address)

TEXACO Inc.
(Name of Operator)

By O. W. Chonette, Dist. Supt.

Address one copy of Notice to Division of Oil and Gas in District where well is located.
WELL SUMMARY REPORT

Operator: The Texas Company
Field: Barndale Area

Well No. Elkins #1
Sec. 7, T. 3 N., R. 19 W., S.B. & B. M.

Well No. 1994; 35: E 1/4; along North line
and 1138.77; S 1/4; at right angles
to said line from the Northwest corner
of Section 7

Elevation above sea level: 744.1 feet.

All depth measurements taken from top of Kelly bushing
which is 11.1 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.

November 14, 1952

R. F. Cory
(Engineer or Geologist)

R. L. Patton
(Supervisor, Superintendent)

Date: November 14, 1952
Signed: R. L. Patton
(President, Secretary or Agent)

Commenced drilling May 2, 1952
Completed drilling June 25, 1952
Drilling tools: Rotary

GEOLOGICAL MARKERS
Depth
Top Sespe - Eocene (5274:)
Top of Marine-Eocene 6171:
Top of Oil Zone 6742:

Commenced producing July 2, 1952
Flowing gas lift, pumping

Initial production 7-2-52
Production after 30 days

Initial Production

<table>
<thead>
<tr>
<th>Clean Oil</th>
<th>Gravity Clean Oil</th>
<th>Per Cent Water</th>
<th>Gas</th>
<th>Mcf. per day</th>
<th>Tubing Pressure</th>
<th>Casing Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>169</td>
<td>33.2</td>
<td>20%</td>
<td>91</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>101</td>
<td>33.5</td>
<td>12%</td>
<td>81</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Casing Record (Present Hole)

<table>
<thead>
<tr>
<th>Size of Casing (A.P.I.)</th>
<th>Depth of Shoe</th>
<th>Top of Casing</th>
<th>Weight of Casing</th>
<th>New or Second Hand</th>
<th>Seamless or Lapweld</th>
<th>Grade of Casing</th>
<th>Size of Hole Drilled</th>
<th>Number of Sacks of Cement if through perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>17'- 20&quot; conductor pipe</td>
<td>11'5&quot;</td>
<td>505'</td>
<td>0'</td>
<td>47#</td>
<td>New</td>
<td>Smls.</td>
<td>J=55</td>
<td>17-1/2&quot;</td>
</tr>
<tr>
<td>54'- 7150'</td>
<td>7150'</td>
<td>0'</td>
<td>151/2 &amp; 17'</td>
<td>New</td>
<td>Smls.</td>
<td>J=55</td>
<td>9-7/8&quot;</td>
<td>638</td>
</tr>
</tbody>
</table>

Perforations

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>From</th>
<th>To</th>
<th>Size of Perforations</th>
<th>Number of Rows</th>
<th>Distance Between Centers</th>
<th>Method of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>51'/8&quot;</td>
<td>7150</td>
<td>6722</td>
<td>21/2&quot; slots 80 Mesh</td>
<td>12</td>
<td>6&quot;</td>
<td>Machine</td>
</tr>
</tbody>
</table>

Electrical Log Depths: 505 - 7251'
DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator: The Texas Company
Field: Bardadale Area

Well No.: Elkins #1, Sec. 7, T. 3N, R. 19W, S. E. B. & M.

Date: August 11, 1952
Title: Superintendent

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

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 sags 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 - Rocky Mountain Drilling Company

5-2
Spudded in at 10:00 P.M. in 17 1/2" hole.

5-4
Drilled 17 1/2" hole to 505'. Ran 1 1/2 joints, 11 3/8", 4 7/8, J-55, seamless casing to 505'; and cemented with 450 sacks construction cement. No cement returns.

5-5
Landed casing. Installed B-10 P-E and tested with 1000#'s for 15 minutes. Located top of cement at 490'. Drilled out cement and drilled ahead in 10-5/8" hole.

5-6
Weight of mud, 77; viscosity, 35; sand, 1%.

5-7
Drilled 10-5/8" hole to 1205', reduced hole to 9-7/3" and drilled to 1427'. Twisted off.

5-8
Recovered fish and drilled 9-7/3" hole from 1427'.

5-15
Weight of mud, 79; viscosity, 33; sand, 5%; water loss, 6.4 cc/30 minutes.

5-22
Weight of mud, 73; viscosity, 41; sand, 4%; water loss, 6.2 cc/30 minutes.

5-27
Drilled 9-7/3" hole to 6100', reduced hole to 8 1/2" and drilled.

5-28
Drilled 8 1/2" hole to 6235', Ran electric log and took sidewall samples. Drilled ahead 61/2" hole.

5-30
Drilled 3 1/2" hole to 6414'. Cleared out hole to bottom. Cored 8 1/2" hole ahead. Weight of mud, 79; viscosity, 40; sand, 3%; water loss, 3.8 cc/30 minutes.

6-7
Spot cored and drilled 3 1/2" hole to 7139'. Stuck pipe at 1119'.

6-15
Recovered last of 4 different fish.

6-16
Reamed tight hole from 6955 to 7189'; and drilled 8 1/2" hole to 7226'. Cored 8 1/2" hole to 7251'.
6-17 Ran electric log at 7251'. Hung open ended drill pipe at 7251' and pumped in 36 sacks high temperature cement. Felt top of plug at 7226'.

6-19 Hung open ended drill pipe at 7251' and pumped in 50 sacks high temperature cement. Felt top of plug at 7044'. Drilled out cement to 7150'.

6-20 Ran 51', 151' and 17', J-55 casing to 7150'; perforated 30 mesh, 23/8" slots 12 rows, 6" centers from 6722 to 7150'; and cemented through C. F. collar at 6712' with 633 sacks high temperature cement, 153 sacks Stratacrete, and 26 sacks Aquagel.

6-21 Landed casing. Installed B. O. P. E. and tested to 1000' for 15 minutes.

6-24 Ran 117 joints 2" and 112 joints 23/4" tubing to 7118.30'. Installed Christmas tree. Changed mud to salt water. Ran 236 3/4" rods.

6-25 Released contractor 12:01 A.M.

6-26 Contractor moving out.

6-30 Installed pump.

7-1 Pumped to sump.

7-2 Pumped 169 barrels oil, 42 barrels water, 20% cut.

7-3 Pumped 194 barrels oil, 10 barrels water, 5% cut.

7-4 Pumped 150 barrels oil, 10 barrels water, 6% cut.

7-5 Pumped 156 barrels oil, 3 barrels water, 2 barrels emulsion.
<table>
<thead>
<tr>
<th>Depth</th>
<th>Degree of Drift</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ft</td>
<td>25 minutes</td>
</tr>
<tr>
<td>150 ft</td>
<td>20 minutes</td>
</tr>
<tr>
<td>200 ft</td>
<td>20 minutes</td>
</tr>
<tr>
<td>272 ft</td>
<td>45 minutes</td>
</tr>
<tr>
<td>301 ft</td>
<td>30 minutes</td>
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<tr>
<td>352 ft</td>
<td>40 minutes</td>
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<tr>
<td>425 ft</td>
<td>25 minutes</td>
</tr>
<tr>
<td>500 ft</td>
<td>30 minutes</td>
</tr>
<tr>
<td>715 ft</td>
<td>50 minutes</td>
</tr>
<tr>
<td>960 ft</td>
<td>50 minutes</td>
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<tr>
<td>1085 ft</td>
<td>50 minutes</td>
</tr>
<tr>
<td>1200 ft</td>
<td>55 minutes</td>
</tr>
<tr>
<td>1410 ft</td>
<td>10 minutes</td>
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<tr>
<td>1485 ft</td>
<td>50 minutes</td>
</tr>
<tr>
<td>1545 ft</td>
<td>50 minutes</td>
</tr>
<tr>
<td>1608 ft</td>
<td>60 minutes</td>
</tr>
<tr>
<td>1634 ft</td>
<td>1 degree 15 minutes</td>
</tr>
<tr>
<td>1745 ft</td>
<td>45 minutes</td>
</tr>
<tr>
<td>1825 ft</td>
<td>1 degree 30 minutes</td>
</tr>
<tr>
<td>1835 ft</td>
<td>1 degree 15 minutes</td>
</tr>
<tr>
<td>1940 ft</td>
<td>1 degree 30 minutes</td>
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<tr>
<td>1980 ft</td>
<td>1 degree 20 minutes</td>
</tr>
<tr>
<td>2075 ft</td>
<td>55 minutes</td>
</tr>
<tr>
<td>2135 ft</td>
<td>1 degree</td>
</tr>
<tr>
<td>2235 ft</td>
<td>1 degree 10 minutes</td>
</tr>
<tr>
<td>2305 ft</td>
<td>1 degree 10 minutes</td>
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<tr>
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</tr>
<tr>
<td>2971 ft</td>
<td>45 minutes</td>
</tr>
<tr>
<td>3074 ft</td>
<td>50 minutes</td>
</tr>
<tr>
<td>3176 ft</td>
<td>1 degree 10 minutes</td>
</tr>
<tr>
<td>3275 ft</td>
<td>1 degree 20 minutes</td>
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<tr>
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</tr>
<tr>
<td>3560 ft</td>
<td>45 minutes</td>
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<tr>
<td>3630 ft</td>
<td>1 degree</td>
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<tr>
<td>3775 ft</td>
<td>1 degree 10 minutes</td>
</tr>
<tr>
<td>3805 ft</td>
<td>1 degree</td>
</tr>
<tr>
<td>3890 ft</td>
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<tr>
<td>3940 ft</td>
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</tr>
<tr>
<td>4010 ft</td>
<td>1 degree 10 minutes</td>
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<tr>
<td>4123 ft</td>
<td>1 degree</td>
</tr>
<tr>
<td>4245 ft</td>
<td>1 degree</td>
</tr>
<tr>
<td>4306 ft</td>
<td>55 minutes</td>
</tr>
<tr>
<td>4364 ft</td>
<td>1 degree 10 minutes</td>
</tr>
<tr>
<td>Depth</td>
<td>Recovery</td>
</tr>
<tr>
<td>-------</td>
<td>----------</td>
</tr>
<tr>
<td>5928'</td>
<td>½&quot;</td>
</tr>
<tr>
<td>4050'</td>
<td>1&quot;</td>
</tr>
<tr>
<td>4034'</td>
<td>½&quot;</td>
</tr>
<tr>
<td>4019'</td>
<td>½&quot;</td>
</tr>
<tr>
<td>6237'</td>
<td>No recovery</td>
</tr>
<tr>
<td>6493'</td>
<td>½&quot;</td>
</tr>
<tr>
<td>6782'</td>
<td>1&quot;</td>
</tr>
<tr>
<td>6900'</td>
<td>Recovered a few small 1/16&quot; grains.</td>
</tr>
<tr>
<td>7115'</td>
<td>½&quot;</td>
</tr>
</tbody>
</table>
Core #1
54.13-31' Rec. 18' Siltstone, dark gray to black, hard, dense, intensely fractured and slicked, locally gougy. More disturbed in lower portion. No shows, poor 21° dip.

Core #2
64.31-49' Rec. 11' Siltstone, as above, not as fractured and slicked. Common lens of sandstone, gray, hard, medium grained, looks tight. No shows. Rare fossil fragments.

Core #3
64.79-73' Rec. 6' Siltstone, as above, less fractured and slicked near bottom. Fair 25 - 35° dips.

Core #4
64.73-96' Rec. 12' Siltstone, as above, with irregular inclusions and lenses of sandstone, gray, hard, poorly sorted, very fine grained, micaceous. At bottom of core, few inches of sandstone, gray, friable, with irregular patches of oil stain, weak odor, spotty fluorescence. CCl₄ cut is straw colored.

Core #5
6777-6804' Rec. 15' 1' Siltstone, black, hard, fractured. 1 1/2' Sandstone, gray, friable, fine grained, poorly sorted, coffee colored cut, burned odor, spotty light yellow fluorescence. 1 1/2' Siltstone, as above. 6' Sandstone, gray to greenish gray, hard to compact, locally friable, fine grained, poorly sorted, subangular grains. Locally patches well stained with good odor and coffee cut. Occasional stringer of siltstone as above, up to 1" thick. One 6" streak of very hard, fine grained, poorly sorted, tight, gray, sandstone. Dips are poor, appear to be less than 15°. Stained sand has uneven, light yellow fluorescence.

Core #6
7226-51' Rec. 1 1/2' Sandstone, greenish gray, hard to difficultly friable, massive, fine to medium grained, very poorly sorted, rare mica flakes, fair odor, fair staining, spotty fluorescence, straw cut. Appears to have poor porosity and permeability. Few fragments of black, hard, siltstone, with lenses of fine grained gray, sand to 1/4" in thickness. Siltstone has conchoidal fracture.
Report on Test of Water Shut-off

No. T. 252-148

(formation tester)

Santa Paula, Calif. June 27, 1952

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

Dear Sir:

Your well No. "Elkins" 1, Sec. 7, T. 3 N., R. 19 W., S.B. B & M. Sardisville Field, in Ventura County, was tested for water shut-off on June 23, 1952. Mr. G. V. Bloom, designated by the supervisor, was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present Paul Giddens, Engineer and D. K. Rebout, driller.

Shut-off data: 5 1/2 in. 15 & 17 lb. casing was cemented through ports at 6713 ft. on June 21, 1952 in 84 ft. in. hole with 1296 sacks of cement perlite and jel mixture, of which 4 sacks was left in casing.

Casing record of well: 11 3/4 in. cement 505', 5 1/2 in. 7150', c.p. 6713', perf. 6670'-7150', test holes at 6670' W.S.O.

Plugged with cement 7251'-7150'.

Present depth 7251' ft. Bridged with cement from 6713 ft. to 6675 ft. Cleaned out to 6675 ft. for test. A pressure of 1000 lb. was applied to the inside of casing for 15 min. without loss after cleaning out to 6675 ft. A Johnston tester was run into the hole on 2 1/2 in. native pipe-tubing, with none ft. of water-mud cushion, and packer set at 6622 ft. with tailpiece to 6622 ft. Tester valve, with 3/8 in. bean, was opened at 12:00 midnight and remained open for 1 hr. and 05 min. During this interval there was a light steady blow.

Mr. Giddens reported that a cement plug was placed from 7251' to 7150' with 121 sacks of cement. The 5 1/2 in. casing was cemented as noted above, a casing test was made, test holes were shot at 6670' and the Johnston testing tool was run with details as noted above in the form.

Engineer Bloom visited the well at 2:00 a.m., June 23, and noted the following:

1. Approximately 90' (0.5 bbl.) of medium heavy rotary mud entered the tubing during (or after) the test.
2. The pressure chart indicated that the testing tool functioned properly during the test and that the drill pipe was set down on the packer one time while pulling out of the hole.

The 5 1/2 in. water shut-off as tested through holes at 6670' is APPROVED.

CC: Mr. T. W. Bell

R. D. BUSH, State Oil and Gas Supervisor

By E. J. Kaplan, Deputy
Dear Sir:

Your proposal to drill Well No. "Elkins" 1, Section 7, T.3 N., R. 19 W., S.B.B. & M., Eardsdale Field, Ventura County, dated April 11, 1952, received April 14, 1952, has been examined in conjunction with records filed in this office.

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

"Location of Well: 1944.35 feet Easterly along North section line and 1138.77 feet Southerly at right angles to said line from the North West corner of Section 7. Elevation of ground above sea level 693 feet above sea level. All depth measurements taken from top of Kelly Bushing which is 119 feet above ground."

**PROPOSAL:**

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Weight</th>
<th>PROPOSED CASING PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 3/4&quot;</td>
<td>47</td>
<td>J Sals. Top 0 Bottom 300' 300' With 300 sacks</td>
</tr>
<tr>
<td>5 1/2&quot;</td>
<td>15 &amp; 17</td>
<td>J Sals. Top 0 Bottom 7500' 6300' With 1000 sacks</td>
</tr>
</tbody>
</table>

Intended zone or zones of completion: Marine Eocene.

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

**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. This Division shall be notified to witness a test of the 5 1/2" water shut-off.

Blanket bond

CC: T. W. Bell
DIVISION OF OIL AND GAS

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

CORRECTED COPY
Santa Paula, Calif. August 4, 1952

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 #1, Sec. 7, T. 3N., R. 19W., S.B. B. & M., Bardsdale Field, Ventura County.

Legal description of lease Elkins Ranch Company Lease #136449
(Attach map or plat to scale)

Location of Well: 1994.35 feet Easterly along section line and 1138.77 feet Southerly at right angles to said line from the Northwest corner of section 7

Elevation of ground above sea level 693 feet above sea level datum.

All depth measurements taken from top of Kelly Bushing which is 117 feet above ground.

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>
<tbody>
<tr>
<td>11 3/4</td>
<td>47</td>
<td>J Smls.</td>
<td>0</td>
<td>300</td>
<td>300' with 300 sacks</td>
</tr>
<tr>
<td>5 1/2</td>
<td>15 &amp; 17</td>
<td>J Smls.</td>
<td>0</td>
<td>7500</td>
<td>6300' with 1000 sacks</td>
</tr>
</tbody>
</table>

Intended zone or zones of completion: Marine Eocene

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

Address P. O. Box 510, Santa Paula, Calif. THE TEXAS COMPANY

Telephone Number Santa Paula 6-F By District Petroleum Engineer

RFC-VBM SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED.

NAME OF OPERATOR
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. April 11, 1952

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 #1, Sec. 7, T. 3N,

R. 19W, S.E. B&B & M., Bardsdale Field, Ventura County.

Legal description of lease Elkina Ranch Company Lease #136449

(Attach map or plat to scale)

Location of Well:

1944 feet Easterly along section line and 1138.77 feet Southerly

at right angles to said line from the North West corner of section 7

Elevation of ground above sea level 693 feet above sea level datum.

All depth measurements taken from top of Kelly Bushing which is 112 feet above ground.

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>
<tbody>
<tr>
<td>11\frac{3}{4}</td>
<td>47</td>
<td>J Smls.</td>
<td>0</td>
<td>300</td>
<td>300' With 300 sacks</td>
</tr>
<tr>
<td>5\frac{3}{4}</td>
<td>15 &amp; 17</td>
<td>J Smls.</td>
<td>0</td>
<td>7500</td>
<td>6300' With 1000 sacks</td>
</tr>
</tbody>
</table>

Intended zone or zones of completion: Marine Eocene

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

Address P. O. Box 510, Santa Paula, Calif. The Texas Company

Telephone Number Santa Paula 6-F

POG-VBM 4555 7-17 20M 1 129

By District Petroleum Engineer

Map 18

Apr 11 1952

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