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
Order No. 951  
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Sept. 10, 2003  

To: Lobodo, Inc.  
   Elkins Ranch Company:


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

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

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

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

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

Hal Bopp
State Oil and Gas Supervisor

by
Bruce H. Hesson
District Deputy

Cert. mail rec. no.: 7000-1670-0005-5855-6157
DECISION OF THE DIRECTOR

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

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

HEARING PROCEDURE

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


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:

___ 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: Shiells 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

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<th>Sec. 5</th>
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<td>&quot;Elkins&quot; 2 (111-02913)</td>
<td>&quot;Elkins&quot; 4 (111-02914)</td>
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<td>11 (111-02921)</td>
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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:

a
cc: Cons. Comm.

LEGEND

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<td>Notice to be cancelled</td>
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PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells

Deputy Supervisor
WELL SUMMARY REPORT

Operator: The Texas Company  Field: Shieills Canyon

Well No. Elkins #2  Sec. 5, T. 3N, R. 19W, S. B. B. & M.

Elevation above sea level: 581.0 K.N. feet.

Location: 159.33' Wly. along the North line of the SW ¼ of the NW ¼ of Section 5, T. 3N, R. 19W, S. B. B. & M. from the

All depth measurements taken from top of Kelly Bushing, which is 11.5 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: January 29, 1953  Signed: R. L. Patton

(Engineer or Geologist)  (Superintendent)  (President, Secretary or Agent)

Commenced drilling: 10-2-52  Completed drilling: 11-5-52

Drilling tools: Cable Rotary

Total depth: 4516'  Plugged depth: 3766'

Junk: None

Location: NE, corner thereof, thence S1/2ly. at right angles thereto 265.00'

GEOLOGICAL MARKERS

Base Big Gray  1220'

Top Sespe Oil Zone  2105'

Base Elkins Zone  2181'

Fault  4030'

Top Subfault sands  4033'

Commenced producing: 12-17-52

Flowing/gas/lift/pumping: (cross out unnecessary words)

Initial production

12-17-52

Production after 30 days

1-17-53

Casing Record (Present Hole)

Size of Casing (A. F. L.)  Depth of Shoe  Top of Casing  Weight of Casing  New or Second Hand  Seamless or Lapweld  Grade of Casing  Size of Hole Drilled  Number of Sacks of Cement  Depth of Cementing if through perforations

20"  20'  Conductor Pipe

10½"  21' 0  10.5#  New  Smls  J-55  12"  250  ----

7"  183  0  23 & 26#  New  Smls  J-55  9-7/8"  250  3850  2083'

Perforations

Size of Casing  From  To  Size of Perforations  Number of Rows  Distance Between Centers  Method of Perforations

7"  4020 ft.  4183 ft.  80 Mesh  21" slots  1/4  6"  Machine

2095 ft.  2390 ft.  80 Mesh

Electrical Log Depths: 21' - 4516'
History of Oil or Gas Well

Operator: The Texas Company  Field: Shelleis Canyon

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

Signed

Date: January 29, 1953  Title: Superintendent

(Date)  (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 cementing, number of sakcs 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 Drilling Company

1952

10-2  Spudded in at 8:00 P.M. in 10-5/8" hole.

10-3  Drilled 10-5/8" hole to 244'. Opened 10-5/8" hole to 175' to 244'. Ran 6 joints of 10 1/2", 40.5 ft, casing and cemented at 244', with 250 sacks construction cement. Cement returned to surface.

10-4  Landed casing, installed blow out prevention and tested with 1000 psi. for 15 minutes. Drilled out cement with 9-7/8" bit and drilled.

10-6  Weight of mud, 75; viscosity, 45; sand, 3%; water loss, 6.8 cc/30 min.

10-14  Weight of mud, 77; viscosity, 47; sand, 3%; water loss, 4.2 cc/30 min.

10-16  Drilled 9-7/8" hole to 352'; and drilled 8 5/8" hole ahead.

10-17  Drilled 8 5/8" hole to 3732'. Ran electric log and took sidewall samples. Drilled ahead 8 5/8" hole.

10-18  Drilled 8 5/8" hole to 4000' and cored 8 5/8" hole ahead.

10-19  Cored 8 5/8" hole to 4016'. Ran electric log and took sidewall samples. Drilled 8 5/8" hole ahead.

10-20  Weight of mud, 60; viscosity, 53; sand, 3%; water loss, 4.6 cc/30 min.

10-21  Drilled 8 5/8" hole to 4275'. Ran electric log and took sidewall samples.

10-22  Ran caliper log. Conducted formation test #1, interval 4100 to 4275'. Open hole test was open 90 minutes. Had a medium blow which died in 15 minutes to very light blow which continued to the end of the test. Gas surfaced in 8 minutes at a 5 MCF/D rate. Recovered 1,651, or 6.4 barrels, of gassy oily 80# mud testing 25 g/g salinity. The tool remained open for 3 minutes and was plugged for 87 minutes during the test. Bottom hole shut in pressure 1500 psi.
10-23 Conducted formation test #2, interval 4,100 to 4,275 feet. Open hole test was open for 80 minutes. Had a light steady blow for 10 minutes and dead for 20 minutes. Reset packers and had a light blow for 3 minutes. Reset packers and had a light blow for 3 minutes and dead for 27 minutes. Recovered 1000 feet, or 13.7 barrels, 80# mud cushion, and 720 feet, or 2.9 barrels, 80# gassy mud with a trace of oil testing 50 g/g. Charts showed tool was open 2 minutes and plugged for 78 minutes. Static pressure 1,500 psi.

10-24 Drilled 8 1/2" hole from 4,275' spot coring in 8 1/2" hole.

10-26 Drilled and spot cored 8 1/2" hole to 4,516'.

10-28 Ran electric log, dipmeter, and took sidewall samples. With 4 1/2" open ended drill pipe hung at 4,516', pumped in 80 sacks construction cement.

10-29 Located top of plug at 4,299'. Hung open ended drill pipe at 4,299' and pumped in 50 sacks construction cement. Located top of plug at 4,142'.

10-29 Cleaned out hole and drilled out cement with 9-7/8" bit to 4,200'. Ran hole caliper. Ran 98 joints of 7", J-55, seamless, casing to 4,183' as follows:

- Bottom 4,183 - 4,020: 26# perf 80 M., 14 rows, 6" centers, 2 1/8" slots.
- 4,020 - 4,008: 26# blank
- 4,008 - 2,390: 23# blank
- 2,390 - 2,095: 23# perf 80 M., 14 rows, 6" centers, 2 1/8" slots.
- 2,095 - 16: 16" 23# blank.

Casing is perforated 80 Mesh from 2,095 to 2,390 and 4,020 to 4,183 feet. Cemented through ports at 2,083 feet with 250 sacks of construction cement.

10-30 Landed casing. Felt top of plug at 2,061 feet.

10-31 With cement retainer set at 3,930', cemented blank pipe 2,390 to 4,008' with 1,150 sacks of High Temperature cement. Approximately 300 sacks returned to surface.

11-1 Shot four 3/4" holes at 2,060'; and conducted water shut off test #1 with packers set at 2,071 and 2,049'. The tester was open 60 minutes. Had a medium blow to dead in 1 minute. Recovered 110 feet of drilling fluid. Fluid in the annulus dropped 8 feet. The test was approved by the Division of Oil and Gas.

11-2 Shot four 3/4" holes at 2,465' and attempted water shut off test #2 with packers set at 2,470', tail pipe to 2,465'. Fluid bypassed between shot holes and perforations above 2,390'.

With cement retainer set at 2,438', pumped 25 sacks construction cement through holes at 2,465'. Recemented with 50 sacks construction cement and circulated out approximately 15 sacks. Drilled out retainer at 2,438' and cement from 2,458 to 2,400'. Cleaned out to 3,990'.
11-3 Shot four $\frac{1}{4}$" holes at 3985'. Conducted water shut off test #3 with packer set 3960', tail pipe to 3979'. Tester open 60 minutes. Had a medium blow to dead in five minutes. One puff after 15 minutes then dead for remainder of test. Recovered 480 feet extremely heavy drilling fluid. Bottom hole flowing pressure, 500 psi. The mud appeared to have been recovered from behind the pipe. The test was not approved by the Division of Oil and Gas.

With shoe squeeze tool set at 3875', cemented with 45 sacks of construction cement in two stages.

11-4 Cleaned out cement to 3990'. Shot four $\frac{1}{4}$" holes at 3850' and conducted water shut off #4 with packer set at 3817', tail pipe to 3835'. Tester was open 60 minutes. Had a light puff and dead. Recovered 60 feet of mud. Test approved by the Division of Oil and Gas.

Shot four $\frac{1}{4}$" holes at 2630' and conducted water shut off #5 with packer set at 2596', tail pipe to 2620'. Tester open 60 minutes. Had a medium blow to dead in 5 minutes. Recovered 220 feet, or 1.6 barrels, slightly gassy mud. The perforations on the tool were plugged for 60 minutes. The outside pressure bomb recorded 200 psi. and the inside bomb zero.

Set retainer at 2502' and squeeze cemented with 75 sacks construction cement. Breakaway pressure 700#, final pressure, 1000#.

Drilled out cement 3990 to 4011', blank 4011 to 4014', hard cement 4014 to 4122', streaks of cement 4122 to 4183'.

11-5 Ran 132 joints of 2$\frac{1}{2}$" tubing and set packer at 3799'. Displaced mud with salt water. Released contractor 11:00 P.M.

11-8 Ran rods and pump.

11-9 Pumped water to sump for 3$\frac{1}{4}$ hours. Pumped off.

11-10 Cleaned pump. Would not pump.

11-11 Swabbed tubing. Swabbed mud and water from 24:00'.

11-12 Swabbed mud and water from 3000'. Slight gas showing. Produced water with 0.9 ohm meter resistivity at 72°F. 150 g/g.

11-13 Swabbed from 4090'. Pumped 19 barrels water.

11-14 Pumped 3 barrels water.

11-15 Idle.

11-18 Pumped 6 barrels water. Shut down.

11-19 Pumped 2 hours. No fluid.

11-20 Idle.
Pulled rods, packer and tubing. Ran 3-1/8” bailer and bailed heavy mud from 4183’. Reperforated 4110 to 4090’, 4080 to 4060’, and 4055 to 4045’ with two 3/8” holes per foot. Scraped casing.

Washed perforations 4183 to 4060’. Could not wash 4060 to 4045’. Ran 3-1/8” bailer and bailed mud from 4165 to 4183’. Ran Halliburton squeeze tool, spotted 100 cubic feet M.C.A. mud acid. Squeezed with 130 cubic feet salt water at 1600# pressure, held for 4 hrs. Bled off to 0# pressure.

Ran rods. On pump at 2:00 P.M. Pumped water to sump at 100 B/D rate.

Pumped an average of 66 B/D of water - No oil. The M.A.C. job increased the fluid entry into the well.

Pulled rods, packer and pulled 2½” tubing up to 2200’. Well started flowing oil and gas. Killed with salt water. Pulled tubing and packer. Ran 2¾” tubing to 4170’. Pumped in 75 sacks of construction cement. Pulled up to 2100’ and well started flowing oil and gas. Shut well in.

Pumped an average of 11 B/D of oil, 0.8% cut.

Filled well with salt water, pulled rods and tubing, and shut well in.

Bled pressure from well, ran Halliburton straddle tool and checked perforations for plugging while pressure washing. Five feet of perforations (2100 to 2105’) opposite a shale body were found plugged. Pulled tubing and checked top of plug at 3768’ with bailer. Ran Baker squeeze tool to 2047’ with 365’ of tubing below tool. Spotted MCA in perforated interval, set tool and squeezed 2000 ballons of MCA into formation at 800 psi pumping pressure and pressure washed. Pulled up 360’ and circulated 50 barrels of salt water. Pulled tubing.

Ran rods and tubing (Tubing landed at 2352’). Set pumping unit. Pumping to sump.
CORE DESCRIPTIONS

Core #1 4091-16' Rec. 4;
Mud and clays; clays consist of maroon and green claystone and medium gray sand with occasional red and green grains, abundant biotite, faint odor and pale straw cut probably due to oil in mud.

Core #2 4275-94' Rec. 2;
1' Sand, light medium gray, with overall dark green cast, coarse to medium grained, pebbly, rounded to subangular, very poorly sorted, massive, soft, predominantly quartz and green mineral types; occasional biotite, fair to good porosity and permeability, very faint odor probably due to oil in the mud, no stain, no visible cut, CCl4 cut fluoresces very faintly, no fluorescence, looks wet.

1' Silt, dark green, gritty with sand ranging from very fine grained to well rounded pebbles up to 1/2" in diameter, massive, soft, upper 1/2" of this interval contains some very coarse gray sand as in 1' interval above indicating possibility of steep dips, no shows.

Core #3 4291-97' Rec. 1;
Conglomeratic sandstone, gray with greenish cast, fine to coarse grained with subrounded to rounded pebbles of quartzitic and igneous types up to 1/2" diameter, also one angular pebble of fine grained, gray silty sandstone. Matrix is ill sorted and contains abundant quartz, feldspar and ferromagnesian minerals, soft to fair firm, fair to good porosity and permeability. No dip. No shows.

Core #4 4297-4317' Rec. 1;
Recovery consists of a few rounded pebbles up to 1 1/2" diameter and dark greenish brown silty claystone, locally in harder portions mottled to dark greenish gray. Claystone is broken and grades from firm to soft, micromicaceous. Contains rare grits locally. No dips observable.

Core #5 4446-4516' No recovery.
SIDEWALL SAMPLE DESCRIPTIONS

October 17, 1952

1262: Rec. 1/2" Sand, continental, highly colored: maroon, bright green, olive, and light gray, fine to coarse grained, angular and subrounded, very poorly sorted, firm, low porosity and permeability, very faint odor; very few spots of yellow fluorescence, may be mineral; no visible staining, no visible cut, cut fluoresces very pale yellow; wet.

1460: Rec. 1" Sand, continental, light gray with faint bluish cast, occasional grain of red, medium to coarse grained, angular to rounded, poorly sorted, predominately quartz; abundant mica, firm but easily friable, tight, faint odor; few spots and staining and fluorescence very pale cut, wet.

1895: Rec. 1" Oil Sand, light buff, abundant gray and green mineral grains with occasional red, continental type, fine to medium grained, predominately subangular with some rounded grains, fairly well sorted, poor to fair porosity and permeability, good odor, good staining, fair straw cut, excellent bright yellow cut, doesn’t look wet.

1980: Rec. 1 1/2" Oil Sand, lithology as above but more coarse grained, weak staining, pale straw cut, fair odor, fair fluorescence, possibly wet.

2045: Rec. 1" Oil Sand, as above, medium grained, faint odor and cut, some staining, spotty fluorescence, probably wet.

2115: Rec. 1" Oil Sand, as at 1895", fair odor, cut and staining, good fluorescence, doesn’t look wet.

2139: Rec. 1 1/2" Oil Sand, as above, good odor, stain and cut, good yellow fluorescence, doesn’t look wet.

2155: Rec. 1" Oil Sand, as above, similar shows, not wet.

2170: Rec. 1" Oil Sand, as above, weaker fluorescence.

2227: Rec. 1" Oil Sand, as at 2155", good odor, stain, cut and fluorescence doesn’t look wet.

2285: Rec. 1" Oil Sand, as above.

2330: Rec. 1" Oil Sand, as above, shows are good except staining is a little weaker.

2350: Rec. 1" Oil Sand, as above, good odor, stain, cut and fluorescence, doesn’t look wet.

2375: Rec. 1/2" Oil Sand, as above.

2493: Rec. 1" Oil Sand, as above.
October 17, 1952 (Continued)

2530' Rec. 1" Oil Sand, as above, shows the same except for slightly weaker fluorescence.

2567' Rec. 1 1/2" Oil Sand, light buff where stained, abundant green and green-blue minerals, fine to medium grained, subangular with some rounded grains, poorly sorted, fair porosity and permeability, firm, spotty staining, faint odor, weak cut, very spotty fluorescence, looks wet.

2790' Rec. 1/2" Oil Sand, lithology as above but more coarser material; good but spotty staining, faint odor, strong straw cut, under ultra violet light fluoresces spoty dull brown, probably wet.

October 19, 1952

3974' Rec. 1" Sand, light gray, speckled with light green and olive grains, occasional red and orange grain, abundant fine biotite, Sespe lithology, fine to medium grained, fair to poor sorting firm to soft, grains generally subrounded, some angular, sample looks flourey, tight, no shows.

3956' Rec. 1" Sand, as above, with occasional dark gray streak, generally finer grained than above, no shows.

3913' No Recovery.

3905' Rec. 1" Sand, as above.

3860' Rec. 1 1/2" Claystone, maroon, occasional spot of green, looks slickensided.

3700' Rec. 1 1/2" Claystone, as above.

3678' Rec. 1 1/2" Sand, medium dark gray, very fine grained, almost a silt, subrounded, fairly well sorted, soft, tight, no shows.

October 21, 1952

4023' Rec. 1" Siltstone, in patches and streaks, very sandy, mottled brownish grey and light grey, firm, good odor, patchy fluorescence, very faint cut.

4060' Rec. 1" Sandstone, light grey with greenish cast, fine to coarse grained, abundant weathered feldspar material, low porosity and permeability, poor to fair odor, very faint cut, no fluorescence except where mud impregnated.

4070' No Recovery

4094' No Recovery

4100' No Recovery

4118' Rec. 1" Interbedded dark green silty claystone and sandstone as above. Highly kaolinitic. Fair odor, no cut, no fluorescence.
October 21, 1952 (Continued)

4133: Rec. 1” Siltstone, very sandy, dark greenish cast, firm, fair odor, no cut.

4143: Rec. 1/2” Siltstone as above.

4157: Rec. 1/2” Sandstone, pebbly, very broken, fine to coarse grained with 1/4” pebbles, very tight, fair odor, faint cut.

4178: No Recovery

4200: No Recovery

4235: Rec. 1” Sandstone, greenish grey, fine grained and silty, friable, fair sorting, tight, faint odor, very faint cut.

4212: No Recovery

4228: No Recovery

4242: Rec. 1 1/2” Thinly interbedded grey, sandy siltstone and dark grey claystone, irregular banded appearance, firm to soft, faint odor, very faint cut.

4256: Rec. 1” Sandstone, grey with greenish cast, very coarse grained, with occasional subrounded pebbles, much silty interstitial material, arkosic, angular grains, faint odor, no cut or fluorescence.

4271: Rec. 1/8” Sandstone, grey with greenish cast, fine to medium grained, arkosic, tight, friable, faint odor, very faint cut.

4275: Rec. 1/8” Questionable recovery consists of mud plus a few chips of maroon, silty, micaceous shale.

October 27, 1952

4342: No Recovery.

4384: No Recovery.

4426: No Recovery.

4438: Rec. 1 1/2” Clayey and sandy siltstone, green, firm.

4450: Rec. 3/8” Sandstone, greenish gray, fine to medium grained, silty, friable, tight, good odor, no cut or fluorescence (Odor from mud).

4462: Rec. 1” Siltstone, greenish gray, finely sandy, with much clay material, firm.

4480: Rec. 3/8” Sandstone, green grey, fine to very coarse grained with silty interstitial material. Tight. Odor present but no other shows.

4493: No Recovery.

4500: No Recovery.
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<th>Degree of Drift</th>
<th>Depth</th>
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<td>2725 ft</td>
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<td>2660 ft</td>
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Report on Test of Water Shut-off
(FORMATION TESTER)

Santa Paula, Calif. November 18, 1952

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

Dear Sir:

Your well No. "Elkins" 2, Sec. 5, T. 36 N., R. 19 W., S.B. B & M. Shells Canyon Field, in Ventura County, was tested for water shut-off on Nov. 3 and 4, 1952, by 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 and W. W. Kesseler, engineers, and E. R. Ellington, driller.

Shut-off data: 7 in. 26 lb. casing was cemented through shot holes at 3985 ft. on Nov. 3, 1952 in 9 5/8 in. hole with 45 sacks of cement under a pressure of 300 p.s.i. of which 2 sacks was left in casing.

Casing record of well: 10 7/8 casing 241 7/16 id. 4182 ft., perf. 2091' - 2395', and 4021' - 4283'; c.p. 2083', 4008', 2465', and 3983'; test holes at 2090' and 3850' W.C.O. Hole plugged with cement 4516' - 4200'.

Present depth 4516 ft. Bridged with cement from 4008' ft. to 3990' ft. Cleaned out to 3990 ft. for test. A pressure of 200 lb. was applied to the inside of casing for 1 min. without loss after cleaning out to 3990 ft. A Halliburton tester was run into the hole on 3 1/2 in. drill pipe tubing with none 2 ft. of water-mud cushion, and packer set at 3817 ft. with tailpiece to 3835 ft.

Tester valve, with 3 3/8 in. bean, was opened at 2125 a.m., Nov. 4, and remained open for 1 hr. and 47 min. During this interval there was an initial puff only.

Mr. Giddens reported the following:
1. Holes were shot at 2095' which were tested wet by the Company. These holes were cemented shut with 25 sacks of cement pumped away under a pressure of 100 p.s.i.; and with 35 sacks pumped away under a pressure of 200 p.s.i.
2. The casing was cleaned out to 3990', test holes were shot at 3985' and during a one hour test starting at 1:25 a.m., Nov. 3, 480' of very heavy mud entered the drill pipe.

Engineer Bloom visited the well at 3 a.m., Nov. 3, and witnessed this test which was deemed wet.

3. The 7' casing was re-cemented through the wet holes at 3985' as noted above in the form. Test holes were shot at 3850' and the Halliburton testing tool was run with details as given above in the form.

Engineer Bloom visited the well at 4 a.m., Nov. 4, and noted the following:
1. Approximately 68' (0.5 bbl.) of medium drilling mud entered the drill pipe during the test.
2. The pressure chart indicated that the testing tool functioned properly during the test.

The 7' water-shut-off as tested through holes at 3850' IS APPROVED.

R. D. BUSH, State Oil and Gas Supervisor

By: ____________________________ Deputy
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

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

No. T. 252-254

Santa Paula, Calif. November 18, 1952

R. L. Patton
Agent for The Texas Company

Mr. C. V. Bloom
Mr. W. A. Robertson, Foreman

Dear Sir:

Your well No. "Elkins" 2, Sec. 5 T. 3N. R. 19W. S.B. B & M.
Shelby Canyon Field, in Ventura County, was tested for water shut-off
on November 1, 1952. Mr. Paul Giddens, Engineer,
and was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present
Mr. Halliburton tester was run into the hole on 5 in. drill pipe tubing,
with none ft. of water-mud cushion, and packer set at 2048 ft. and 2072 ft.

Shut-off data: 7 in. 26 lb. casing was cemented through ports at 2083 ft. on October 30, 1952 in 9 5/8 in. hole with 250 sacks of cement of which -- sacks was left in casing.

Casing record of well: 10 3/4" cas. 418'; 7" Id. 4183, c.w. 2083' and 4008', test holes at 2060' W.D. perf. 2095'-2390' and 4021'-4183'. Hole plugged with cement 4516'-4200'.

Present depth 4516 ft. Bridged with cement from 4008 ft. to 3930 ft. Cleaned out to 3930 ft. for test. A pressure of -- lb. was applied to the inside of casing for -- min. without loss after cleaning out to -- ft.

Mr. Giddens reported the following:
1. The hole was plugged with cement from 4516' to 4200'.
2. The 7" casing was cemented through ports at 2083' as noted above in the form; and on Oct. 31, it was cemented through ports at 4008' with 1150 sacks of cement.
3. The 7" casing was cleaned out to 3930', test holes were shot at 2060' and the double packer Halliburton testing tool was run with details as given above in the form.

Engineer Bloom visited the well at 8 a.m., Nov. 1, and noted the following:
1. Approximately 110' (0.8 bbl.) of rotary mud entered the drill pipe during the test.
2. The pressure charts indicated that the tool and both packers functioned properly during the test.

The 7" water shut-off as tested through holes at 2060' IS APPROVED.

CC: Mr. 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 252-271.

Santa Paula  Calif.  September 16  1952

Ms. R. J. Patton

Agent for  The Texas Company

Dear Sir:

Your proposal to drill Well No. "Elkins" 2,

Section 5, T., 3N, R.19W, S.E. B. & M., Shields Canyon Field, Ventura County,
dated Sept. 12, 1952, received Sept. 15, 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:

THE NOTICE STATES:

"Location of well: 265 feet South along property line and 151 feet West at right angles to said line from the Northeast corner of property consisting of the Southwest quarter of the Northwest quarter of Section 5-3N-19W.

Elevation of ground above sea level 650 feet Topo.

All depth measurements taken from top of Kally Bushing which is -- feet above ground."

PROPOSAL:

PROPOSED CASING PROGRAM

"Size of Casing

Weight Grade & Type Top Bottom Cementing Depths

10 3/4" 20.5 J-55 Surface 250' 250'

7" 26 & 23 J-55 Surface 4000' 3650'

Intended zone or zones of completion: Probable depth, 3650' - no name assigned.

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 well is, at all times, kept full of drilling fluid of proper weight and quality and adequate equipment is provided and kept ready at the well to prevent blowouts.

3. Any sidetracked hole penetrating an oil or gas zone shall be plugged with cement insofar as possible.

4. This Division shall be notified to witness a test of the 7" water shut-off.

Blanket bond

CC: T. W. Bell

R. D. Bush

State Oil and Gas Supervisor

By E. J. Kaplan  Deputy
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 #2, Sec. 5, T. 3N, R. 19W, S.B. B & M., Shieels Canyon Field, Ventura County.

Legal description of lease

(Attach map or plat to scale)

Location of Well: 265 feet South along property line and 151 feet West at right angles to said line from the Northeast corner of the Southwest quarter of the Northwest quarter of Section 5-3N-19W

Elevation of ground above sea level 650 feet Topo datum.

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

PROPOSED CASING PROGRAM

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<thead>
<tr>
<th>SIZE OF CASING</th>
<th>WEIGHT</th>
<th>GRADE AND TYPE</th>
<th>TOP</th>
<th>BOTTOM</th>
<th>CEMENTING DEPTHS</th>
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<td>7&quot;</td>
<td>26 &amp; 23</td>
<td>J-55</td>
<td>Surface</td>
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<td>3650'</td>
</tr>
</tbody>
</table>

Intended zone or zones of completion: Probable depth, 3650' - no name assigned.

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

District Petroleum Engineer

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