DEPARTMENT OF CONSERVATION
STATE OF CALIFORNIA

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ORDER NO. 951

BY

Hal Bopp
STATE OIL AND GAS SUPERVISOR

DATED

September 10, 2003

LOBODO, INC. (L2300)

Wells “Elkins” 2, 4, 5, 6, 7, 8, 9, 10, 11, 14, 16, 17, 18, 20 & 21
Sections 5 & 6, Township 3 North, Range 19 West, S.B. B. & M.
Shiells Canyon Oil Field
and
Well “Elkins” 1
Section 7, Township 3 North, Range 19 West., S.B.B.&M.
Bardsdale Oil Field

Ventura County

Bond No. M110818 – “Elkins” 10
Insurance Company of North America
To: Lobodo, Inc.
    Elkins Ranch Company


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

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

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

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

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

Hal Bopp  
State Oil and Gas Supervisor

by

Bruce H. Hesson  
District Deputy

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

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

HEARING PROCEDURE

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

(111-02928), and “Elkins” 21 (111-02929).

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

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

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 on Operations

R.E. Doherty
LOODO, Inc.
P.O. Box 1851
Upland, CA 91785

Ventura, California
March 25, 1996

Your operations at well "Elkins" 9, API No. 111-02919, Sec. 5, T. 3N, R. 19W, S.R. B.&M. Shields Canyon Field, in Ventura County, were witnessed on 3-8-96 by Steve Mulqueen, representative of the supervisor, was present from 1600 to 1700. There were also present Darryl Doherty.

Present condition of well: 11 3/4" cem 406', 7" cem 4955', perf 4774' WSO, cp 1414' & cp 2222', perfs 4878'-4915'. TD 5531'.

The operations were performed for the purpose of pressure testing the 7" casing above 4878'.

DECISION:

The Mechanical Integrity Test (MIT) is not approved due to the following reason:

The depth that the well was opened to was not determined. Inasmuch as the well was last bailed to an acceptable level in 1993, we are requiring that the well be cleaned out to at least 4774' and then the pressure test conducted.

Please arrange to have this done within 90 days from the date of this report.

8/30/96
Witness

[Kinnear, witness]

[Pressure test, ok]

William E. Geerard, Jr.
State Oil and Gas Supervisor

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)
MECHANICAL INTEGRITY TEST (MIT)

Operator: LODB00, INC.                          Well designation: "Elkins" 9

Sec. 5, T. 3N., R. 19W, S.B. B&M. API No.: 111-02919 Field: SHIELLS CANYON

County: VENTURA                           Witnessed/Reviewed on: 3-8-96

STEVE MULQUEEN, representative of the supervisor, was present from 1600 to 1700

Also present were: DARRYL DOMERITY

Casing record of the well: 11 3/4" c/c 406'; 7" c/c 4955; part 4774' w.o., sp 1414' cp 2222', pubs 4878' - 4915', TD 5531.

The MIT was performed for the purpose of (2) (6) 2 7" ABOVE 4878'

☐ The MIT is approved since it indicates that all of the injection fluid is confined to the formations below 4878' feet at this time

☒ The MIT is not approved due to the following reasons: (specify)

The depth that the well was opened was not determined. Inasmuch as the well was last bailed to an acceptable level in 1993, we are requiring that the well be cleaned out to at least 4774 feet and then the pressure test conducted.

Please arrange to have this done within 90 days from the date of this report.

Bob Domerity, Fields B.A.C. to 4819 w. 1993

No Parker, No TBO, tested to 300 PSI, after 15 minutes dropped to 375 PSI (Time 1645 to 1700)

OGD6 (GSR1/12/93/5C)
RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS  

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  
Sec. 5

" 5 (111-02915)  " 16 (111-02925)  
" 6 (111-02916)  " 17 (111-02926)  
" 7 (111-02917)  " 20 (111-02928)  
" 9 ((111-02919)  " 21 (111-02929)  
" 10 (111-02930)  " 18 (111-02927)  
" 11 (111-02921)  

Sec. 6

"Elkins" 4 (111-02914)  
" 8 (111-02918)  
" 13 (111-02922)  
" 14 (111-02923)  

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:

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

Deputy Operator
SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

Operator: The Texas Company
Field: Shelle Canyon

Well No.: Elkins 9
Sec.: 5, T: 3W, R: 19W, 3 a B & M.
Elevation of ground above sea level: 535 ft.
Location: 3145' N and 4214 W of the west 1/4 corner of Sec. 5
Kelly Bushing

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: June 22, 1955
Signed: (Seal) R. L. Patton
Title: District Superintendent
(Engineer or Geologist)
(Superintendent)
(President, Secretary or Agent)

Commenced drilling: March 6, 1955
Completed drilling: April 12, 1955
Drilling tools: Rotary

Total depth: 5532'
Plugged depth: 4955'

GEOLOGICAL MARKERS

DEPTH

Initial production

Plugging/gas lift/pumping

Casing Pressure

Pressure

Production after 10 days

Casing Record (Present Hole)

Size of Casing (A. P. L.)
Depth of Shoe
Top of Casing
Weight of Casing
New or Second Hand
Stovepipe or Lap Joint
Grade of Casing
Size of Hole Drilled
Number of Cements
Depth of Cementing at Through Perforations

11 3/4
1 7/8
surf
47
New
Smal:
J-55
178
215

23
New
Smal:
J-55
9-7/8
860

Perforations

Size of Casing
From
To
Size of Perforations
Number
Distance
Method of Perforations

1
1915 ft.
4370 ft.
3/8" - four holes/ft

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History of Oil or Gas Well

Operator: The Texas Company
Field: Shiella Canyon

Well No.: Elkins #9, Sec. 5, T. 3N, R. 19W, S.B. B. & M.

Date: June 22, 1955

Signed: (Signed) R. L. Patton

Box 510, Santa Paula, Calif. 6-F
District Superintendent

It is of the greatest importance to have a complete history of the well. Use this form to report 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.

1955

3-6
Spudded at 5:00 P.M. and drilled with a 12\(\frac{1}{2}\)" bit to 164'.

3-7
Opened the hole to 17\(\frac{1}{2}\)" and drilled with a 17\(\frac{1}{2}\)" bit to 185'. Drilled with a 17\(\frac{1}{2}\)" bit to 299'; and opened the hole to 17\(\frac{1}{2}\)". Drilled with a 17\(\frac{1}{2}\)" bit to 405'.

3-8
Ran 10 joints of 11\(\frac{1}{2}\)", 47#, J-55 casing to 406'; and cemented with 245 sacks of Victor construction cement mixed with 8% gel. Cement returned to the surface. Installed the casing head and blowout prevention equipment. Tested the casing to 1000 psi for 15 minutes. Drilled with a 9-7/8" bit to 450' and set whipstock #1.

3-9
Drilled. Mud type - clay base, weight 78#/ft\(^3\); water loss 10.5 cc in 30 minutes; viscosity 47 seconds; sand 10%.

3-13
Drilled to 2431' and the mud became gas cut.

3-14
Circulated and conditioned the mud. Mud weight 82#/ft\(^3\); viscosity 56 seconds; water loss 5 cc; sand 8%.

3-17
Drilled to 3160' and mud became gas cut. Circulated and increased the mud weight to 84#/ft\(^3\).

3-18
Drilled to 3376' and the well started to flow. Circulated and increased the mud weight.

3-19
Increased the mud weight to 93#/ft\(^3\); viscosity 65 seconds; water loss 5.4 cc; sand 5%.

3-24
Mud weight 92#/ft\(^3\); viscosity 50 seconds; water loss 6.4 cc; sand 31/2%.

3-28
Drilled with a 9-7/8" bit to 4901'. Ran an electric log and a dipmeter and took sidewall samples.

3-30
Cored and drilled in an 8\(\frac{1}{2}\)" hole to 5456'.

3-31
Opened the 8\(\frac{1}{2}\)" hole from 4901' to 5456'. Mud weight 92#/ft\(^3\); viscosity
4-3 Drilled to 5445'. Cored in an 8\(\frac{1}{2}\)" hole to 5456'.

4-4 Drilled with a 9-7/8" bit to 5517' and cored in an 8\(\frac{1}{2}\)" hole to 5531'.

4-5 Ran an electric log and a dipmeter and took sidewall samples. Pumped in 75 sacks of construction cement treated with 1% CaCl₂ at 4924'. Found the top of the plug at 4803'. The location of the plug was witnessed by the Division of Oil and Gas representative. Drilled out the cement to 4935'.

4-6 Ran 7", 23#, J-55 casing to 4955' and cemented through the shoe with 860 sacks of modified cement mixed with 8% gel. Approximately 35 sacks of cement returned to the surface.

4-7 Started to remove the blowout prevention equipment in preparation for landing the casing at 12:00 midnight. Gas began to blow between the 7" and 11\(\frac{1}{2}\)" casings. Bolted the B.O.P.E. back in place and closed the B.O.P.E. around the 7" casing. Pumped 2500 sacks of cement and 95 sacks of cal-seal between the strings in four jobs. After the first 300 sacks had been pumped in, gas broke out at the surface in several places.

4-8 Pumped 2850 sacks of cement and 435 sacks of cal-seal between the 7" and 11\(\frac{1}{2}\)" casings in nine jobs. The pumping pressure would not register on the gauges, but the casing pressure built up to approximately 500 psi between jobs. A considerable amount of cement and mud returned to the surface with the gas which was blowing.

4-9 Pumped 200 sacks of cement and 50 sacks of cal-seal between strings in two jobs.

Shot four \(\frac{1}{8}\)" holes in the 7" casing at 2222' and pumped 750 barrels of mud out those holes without getting returns to the surface.

4-10 Pumped 550 sacks of cement and 50 sacks of cal-seal through the holes at 2222' in two jobs without getting a pressure buildup.

Pumped 415 sacks of cement and 205 sacks of cal-seal between strings in seven jobs. Gas was no longer coming out the surface.

4-11 Pumped 30 sacks of cement and 25 sacks of cal-seal between strings. Final pumping pressure was 1000 psi which held.

Landed the 7" casing and installed the small blow out prevention equipment. Tested the casing to 1200 psi for 15 minutes.

4-12 Cleaned out the casing to 2240'. Found solid cement from 1730' to 2240'. Tested the holes at 2222'. The formation took fluid at 800 psi.
Squeeze cement Job #1 through the holes at 2222'. Pumped in 100 sacks of cement at 800 psi without a pressure buildup and cleared the holes. Tool set at 2102'.

4-13 & 14 Squeeze cement Job #2, #3, #4, #5, #6 and #7 through the holes at 2222'. Pumped in 560 sacks of cement, 100 sacks of cal-seal and 60 ft³ of pearlite. On Job #7, the final pressure was 1000 psi and the holes were not cleared.

Shot four ½" holes at 14.14'.

4-15 Squeeze cement Job #1 through the holes at 14.14'. Pumped in 150 sacks of cement treated with 2% CaCl₂. Final pressure = 900 psi. Tool set at 1259'. Did not clear the holes.

Tested casing to 1200 psi. Drilled out cement from 1378' to 14.38' and tested the holes at 14.14'. The formation took fluid at 500 psi. Drilled out cement from 2190' to 2250'. Set the tool at 2104' and tested the holes at 2222' to 1000 psi. The cement job at 2222' held pressure.

4-16 Squeeze cement Job #2 through the holes at 14.14'. The formation broke down at 250 psi. Pumped in 75 sacks of cement and 25 sacks of cal-seal. Final pressure 1500 psi.

Drilled out cement from 1262' to 14.19'. Tested the casing to 800 psi for 30 minutes. Drilled out cement from 2250 to 2310' and cleaned out to 4945 with a bit and casing scraper.

### SUMMARY OF CASING CEMENTING

<table>
<thead>
<tr>
<th></th>
<th>Cal-Seal</th>
<th>Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 3/4&quot; - shoe job</td>
<td>245 sacks mixed with 8% gel</td>
<td>860 sacks mixed with 8% gel</td>
</tr>
<tr>
<td>7&quot; - shoe job</td>
<td>810 sacks</td>
<td>5,995 sacks</td>
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<tr>
<td>Between 11 3/4&quot; &amp; 7&quot;</td>
<td>150 sacks</td>
<td>1,210 sacks</td>
</tr>
<tr>
<td>Through holes at 2222'</td>
<td>25 sacks</td>
<td>225 sacks</td>
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<tr>
<td>Through holes at 14.14'</td>
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<tr>
<td><strong>Total</strong></td>
<td>985 sacks</td>
<td>8,535 sacks</td>
</tr>
</tbody>
</table>

4-17 Water Shut Off Test. Shot four ½" holes at 4774' and set the tool at 4739' with the tail at 4763'. Opened the tester for 1 hour.

There was a light blow for one minute and no blow for the remainder of the test. Recovered 20' of drilling fluid. The pressure chart showed the tester was opened throughout the test. The test was witnessed and approved by the Division of Oil and Gas representative.

Gun perforated the casing with three 3/8" holes per foot from 4915' to 4878'. Cleaned out with a bit and casing scraper to 4945'. Ran 157 joints of 21/2" tubing to 4883' K.B.
Installed the christmas tree and displaced the mud with oil. Commenced swabbing at 1:30 P.M.

Swabbed 180 bbls. of oil in 18 hours. Swabbed from 4480' with the fluid level at 3800'.

Swabbed. Fluid entering the well at a 3/4 bbls/hr. rate. Total fluid swabbed 218 bbls. Shut the well in and released the rig.

Fluid level found at 4405' with a casing pressure of 5 psi. (Sonic Equipment)

Fluid level found at 4330', casing pressure 12 psi.

Fluid level found at 4070', casing pressure 51 psi.

Moved in pulling unit. Pulled the tubing, ran the bailer to 4940' and filled the hole with oil.

Set Halliburton "HM" packer at 4788' K.B. and tried to breakdown the formation with 24 bbls. of oil. Did not get a breakdown. Maximum pressure used - 3000 psi. Pumped in 250 gallons of Halliburton Mud Clean Out Agent and displaced with 31 bbls. of oil. Pumped at 3000 psi at a rate of 40 to 60 gallons per minute. Shut the well in for two hours.

Tried to breakdown the formation with 38 bbls. of oil. Did not get a breakdown. Maximum pressure used = 4000 psi while pumping at a rate of 120 gallons per minute. Pumped in 72 sacks of sand mixed with 86 bbls. of oil (2#/gal.) at a pressure of 4000 psi. The pumping rate decreased from 120 gal/min. to less than 20 gal/min. Backcutted the sand-oil mixture from the tubing and the well started to flow. Reversed the circulation and killed the well. Shut the well in for the night.

Pulled the tubing and packer. Located the top of the sand fill at 4899' and bailed to 4920'.

Ran the tubing and rods, installed the pumping unit and put the well on production. The pump sanded up.

Pulled the tubing, filled the hole with oil and located the top of the sand at 4846'. Bailed to 4935'. Ran the tubing and shut in the well.

Ran the rods and returned the well to production.

Pumped 22 bbls. of water in 4 hours.

Pumped 5 bbls. of oil and 25 bbls. of water in 6 hours.

Pumped 2 bbls. of oil and 10 bbls. of water. The pump sanded up.

Pulled the tubing and filled the hole with salt water. Located the top of the sand fill at 4781'. The well would show life occasionally and blow oil and gas.
5-24 Bailed to 4838'. Ran tubing to 4572' and returned the well to production. Pumped 25 bbls. of water in 5 hours.

5-25 Pumped 1 bbl. of oil and 4/4 bbls. of water in 12 hours. The pump sanded up.

5-26 Pulled the tubing.

5-27 Located the top of the sand at 4825' and bailed to 4900'.

5-28 Ran the tubing to 4014' with 30' of gravel packed tail below the pump shoe. Returned the well to production.

5-29 Pumped 1 bbl. of oil and 9 bbls. of water in 12 hours.

5-30 Pumped 21 bbls. of water.

5-31 Pumped 19 bbls. of water.

6-7 Pumped 15 bbls. of water.

6-9 Pumped 27 bbls. of oil, 9 bbls. of water, 26%.

6-11 Pumped 22 bbls. of oil, 18 bbls. of water, 45%.

6-15 Pumped 4.0 bbls. of oil, 4.0 bbls. of water, 50%.

6-19 Pumped 52 bbls. of oil, 18 bbls. of water, 25.2°, 26%.

6-21 Pumped 29 bbls. of oil, 42 bbls. of water, 12 mcf, 25.2°, 60%.
SCHLUMBERGER SIDE-WALL SAMPLES
Described by G. T. Benson
3-29-55

NW Shells Canyon Area
Section 5-3N-19W

1548' Rec. 3/4" Silty oil stained sand: light gray with few patches
light brown oil stain, fine to medium grained, grains
subangular, feldspathic, quartzose, contains abundant
silt, minor clay, low porosity and permeability; faint
oil odor, questionable patches very dull brown
fluorescence, extremely pale dull yellow cut
fluorescence.

2042' Rec. 1" Silty Sand: Medium gray with blue-green cast, fine
grained, fairly well sorted, feldspathic, silty,
contains common gray-green clay, tight; no stain,
no odor, no fluorescence, no cut color, extremely
pale dark yellow cut fluorescence.

2163' Rec. 3/4" Silty Oil Stained Sand: As at 2194'; low porosity
and permeability, even to patchy yellowish-brown
oil stain, faint to fair odor, even dull yellowish-
brown fluorescence, very pale straw cut, bright
yellow-white cut fluorescence.

2194' Rec. 1/2" Silty Oil Stained Sand: light gray with green cast
and with even light brown oil stain, fine grained,
fairly well sorted, grains subangular, feldspathic,
contains abundant silt and clay; low porosity and
permeability; faint to fair oil odor, even dull
yellowish-brown fluorescence, very pale straw cut,
yellow cut fluorescence.

2563 Rec. 3/4" Oil Stained Sand: Light gray with light brown oil
stain, fine grained, grains subangular, quartzose,
feldspathic, silty, contains minor clay; low
porosity and permeability; fair oil odor, patchy to
even dull brown fluorescence, very pale straw cut,
pale yellow cut fluorescence.

2755' Rec. 1/2" Oil Stained Sand: Light gray with light brown oil
stain, fine to medium grained, grains subangular,
quartzose, feldspathic, contains common silt and
white clay, low porosity and permeability; fair oil
odor, patchy dull brown fluorescence, very pale straw
cut, yellow cut fluorescence.

2877' Rec. 1/2" Clayey Sand: Lithology as at 3117'; low porosity and
permeability to tight; few patches questionable light
yellowish brown stain, fair oil odor, few spots
questionable extremely dull brown fluorescence, no cut
fluorescence or color.
3117 ft Rec. 1/2" Clayey Sand: Lithology as at 3368'; except sand medium to coarse grained; low porosity and permeability to tight due to clay; no stain, no odor, no fluorescence, no cut color, very pale yellow cut fluorescence.

3340 ft Rec. 3/4" Clayey Sand: As at 3368'; low porosity and permeability to tight due to clay, no stain, odor, fluorescence, cut color or fluorescence. Contains 1/2" diameter piece of light to medium gray, soft clayey siltstone.

3368 ft Rec. 1/2" Clayey Sand: Light gray to white, coarse grained, fairly poorly sorted, grains subangular, quartzose, feldspathic, contains abundant (to 25%) white clay, low porosity and permeability to tight due to clay; no stain, no odor, no fluorescence, no cut color or fluorescence.

3866 ft Rec. 3/4" Gouge: Dark brown, clayey, badly sheared, slickensided, broken up; no stain or odor, rare specks dully brown fluorescence.

4011 ft Rec. 3/4" Clayey Pebble Sand: Light gray, fine to coarse grained, poorly sorted, feldspathic, contains abundant white clay, contains common rounded small pebbles to 1/4" diameter of quartz, and gray shale, low porosity and permeability to tight due to clay; no visible stain, no odor, spots yellow fluorescence on 25% of sample, no cut color, very pale yellow cut fluorescence.

4157 ft Rec. 1/2" Silty Oil Stained Sand: Light to medium gray with light yellowish-brown oil stain, fine to very fine grained, fairly well to wall sorted, grains subangular, contains abundant silt and common light gray-green clay, low porosity and permeability to tight, fair oil odor, even bright yellow fluorescence, straw to dark straw cut, bright milky yellow-white cut fluorescence.

4197 ft Rec. 1/2" Oil Stained Clayey Sand: Light gray with patchy to even light yellow-brown oil stain, fine to medium grained, poorly sorted, feldspathic, contains abundant clay, contains fragment of rounded pebble of gray shale; low porosity and permeability, fair oil odor, fairly even light yellow-brown fluorescence, straw cut, yellow-white bright cut fluorescence.

4319 ft Rec. 1/2" Clayey Sand: Light gray to white with greenish cast, fine to medium grained, grains subangular, feldspathic, contains abundant white and minor green clay, contains 1/16" thick green clay, tight, no stain, no odor, no fluorescence, no cut color, no cut fluorescence.
Clayey Sand: Light gray with slight greenish cast, fine to medium grained, fairly poorly sorted, grains subangular, feldspathic, contains abundant white and green clay, contains occasional subrounded coarse grains, tight; no visible stain, no odor, no fluorescence, questionable very pale yellow cut fluorescence.

Clayey Sand: Light to medium gray with slight greenish cast, fine grained, fairly well sorted, grains subangular, feldspathic, contains abundant light gray to light green clay, tight; contains 1/16" thick streak of green and brown clay; no stain, no odor, no fluorescence, no cut color, no cut fluorescence.

Clayey Sand: Medium gray with dark greenish cast, very fine to medium grained, fairly poorly sorted, grains subangular, feldspathic, contains abundant green and minor light gray to white clay, tight; no stain, no odor, rare specks yellow fluorescence, no cut color, questionable extremely pale yellow-green cut fluorescence.

Sand: Medium gray, fine to medium grained, grains subangular, feldspathic, quartzose, contains common light gray clay, low porosity and permeability to tight due to close packing and clay; no odor, few specks yellow-brown fluorescence, no cut color, extremely pale yellow cut fluorescence.

Oil Stained Sand: Medium gray with patchy light yellow-brown oil stain, fine grained, fairly well sorted, grains subangular, feldspathic, contains abundant white to light gray clay (up to 30%), contains few rounded granules of dark gray shale. Low porosity and permeability to tight due to clay; faint oil odor, patchy yellow fluorescence where permeable.

Oil Stained Sand: Light gray with spotty light yellow-brown oil stain, fine to medium grained, fairly poorly sorted, grains subangular, feldspathic, contains abundant white clay, low porosity and permeability to tight due to clay; faint to fair oil odor, even yellow fluorescence, pale straw cut, yellow cut fluorescence.
SCHLUMBERGER SIDE-WALL SAMPLES
Described by J. W. Vernon
4-5-55

4011' Rec. 1" Sand, medium-dark gray, massive, medium-coarse, firm, friable, occasional pebbles to 3/8", very silty and tight. No oil odor, stain, cut or nor fluorescence.

4077' Rec. 1" Sand, medium-light gray, massive, firm-friable, fine to medium grained, very silty, with occasional coarse grain, and spot of white kaolin(?). No oil odor, stain, cut nor fluorescence.

4118' Rec. 1/2" Sand, pebbly, as at 4011 except color which is medium-light gray-green. No oil stain, odor, cut nor fluorescence.

4172' Rec. 1/2" Sand, massive, medium gray, firm-friable, slight greenish cast, fine to very fine, quite silty and tight. No oil stain, odor, cut nor fluorescence.

4220' Rec. 1/2" Sand, light gray, massive, friable, fine to medium grained, fairly well sorted, very silty, angular to subangular grains. No oil odor, stain, cut nor fluorescence.

4375' Rec. 1" Silt, dark gray-green, massive, firm-friable, finely sandy. No oil stain, odor, cut nor fluorescence.

4515' Rec. 3/4" Sand, light gray as at 4118'. No oil, stain, odor, cut nor fluorescence.

4735' Rec. 1/2" Sand, as at 4118'. No oil, stain, odor, cut nor fluorescence.

4808' Rec. 1" Sand, medium gray, massive, friable, fine-medium grained, somewhat silty, subangular-subrounded, occasional spots dark gray silt, fairly well sorted, fair to poor porosity and permeability. No oil, stain, odor, cut nor fluorescence.

4825' Rec. 1" Sand, medium-light gray, massive, friable, medium-coarse grained, pebbly and very silty, tight. No oil, stain, odor, cut nor fluorescence.

5098' Rec. 1/2" Sand, medium-light gray, massive, friable, medium grained, silty, fair to poor porosity and permeability. No oil, stain, odor, cut nor fluorescence.
5169' Rec. 1" Conglomerate, light gray, matrix of medium-coarse silty sand, massive, firm-friable. No oil, stain, odor, cut nor fluorescence.

5297' Rec. 1/2" Sand, light gray, massive, firm-friable, medium-coarse poor sorting, very silty, poor porosity and permeability. No oil, stain, odor, cut nor fluorescence.

5424' Rec. 3/4" Sand as at 5297'. No oil, stain, odor, cut nor fluorescence.
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CORE DESCRIPTIONS

Core #1
4900-4906; Rec. 6; 6
Described by G. T. Benson 3-29-55
Conglomerate: Rounded pebbles and cobbles to 3" diameter of quartzitic sandstone, hard gray shale and (?) medium gray igneous rock in matrix of fine to coarse grained, poorly sorted, quartzose, feldspathic sand, with few orange accessory mineral grains. Massive, soft, broken up to loose. Contains silt and abundant green and white clay. Probable low porosity and permeability due to clay. Poor indications of 35-40° dip from pebble alignments. Oil commonly found bleeding from core. Fairly even to patchy yellow-brown stain, fairly even to patchy dull yellow-brown fluorescence, good oil odor, dark brown to almost black cuts, milky yellow cut fluorescence, stain and fluorescence locally cut out by low porosity and permeability due to clay. No barrel flash.

Core #2
4906-4916; Rec. 1½; 1½
Conglomerate: as in Core #1, 4900-4906. Pebbles and cobbles to 3" diameter, rounded, of quartzitic sandstone, gray shale, and medium-dark gray (?) igneous rocks. Matrix of medium-coarse grained, fairly poorly sorted, subangular, feldspathic sand. Common green and light gray to white clay. Fair to locally low porosity and permeability due to clay. Estimated poor indication of 40° dip from pebble orientation. Oil bleeding from core common, even to patchy yellow-brown stain, patchy to thorough saturation, even dull gold-brown fluorescence, amber cut color, bright yellow cut fluorescence, fair to good oil odor. Momentary 1/2" orange flame when barrel flashed.

Core #3
4916-4922; Rec. 6; 3
Described by J. W. Vernon 3-30-55
Siltstone, gray-brown, clayey, soft, massive, finely sandy, occasional medium coarse 1/4" bed gray, silty sand. No oil, stain, odor, cut nor fluorescence.
Core #3 Cont'd. 2' Sand, medium gray, massive, firm-friable, medium to very coarse, subangular to sub-rounded, poor sorting, pebbly, occasional streak gray silt. Dip 50-65°.

1/2' Siltstone as in 3' interval above.

Oil Stained Pebble Conglomerate, coarse a sand and silty matrix. Spotty light brown oil stain, fair medium gravity odor, spotty gold fluorescence, medium amber cut with milky yellow fluorescence.

Described by G. T. Benson 4-4-55

Conglomerate: Rounded pebbles and cobbles to 2" or more diameter of quartz, granitic and dark igneous rocks in a matrix of sand, light gray, medium grained, poorly sorted, grains subangular, feldspathic, quartzose; silty and containing common light gray to white clay. Massive. Fair to low porosity and permeability due to silt and clay. No visible stain, no odor, rare specks dull brown fluorescence, no cut color or fluorescence.

1' Clayey Sand: Soft, medium gray, very fine grained, well sorted, subangular, feldspathic, silty and containing common gray clay. Massive. Contains few irregular streaks medium grained sand. Contains 1/2" streak dark gray with greenish cast clayey sand as above except containing abundant gray green clay. Low porosity and permeability to tight. Fair to poor 36 to 37° dip on darker streak and on contact with underlying conglomerate. No stain, odor, fluorescence, cut color or cut fluorescence.

Conglomerate: As at top of core except matrix light gray to white with abundant feldspars and white clay. Massive, low porosity and permeability to tight. No stain, odor, or fluorescence. No cut color or fluorescence. No barrel flash.

Described by G. T. Benson 4-5-55

Pebbly Sand: Light to medium gray, massive, fairly soft, medium-coarse grained, poorly sorted, subangular, feldspathic, contains occasional light gray-green, accessory mineral grains, contains abundant light gray and white clay, contains common small
pebbles to 1/2" diameter. Low porosity and permeability due to clay. Looks wet. No visible stain, no odor.

1/2' Silty Shale: Dark green-gray, sheared and slicked, brittle to crumbly, silty. No stain or odor. Contact with underlying sand dip 53°, shear planes dip parallel and at lower angles.

10½' Pebbly Sand: Light gray, massive, fairly soft, friable to friable with difficulty, medium to coarse grained, fairly poorly sorted, sub-angular, feldspathic, contains common biotite, occasional orange, few light green accessory mineral grains, contains common to abundant light gray and white clay, contains common small pebbles to 1/2" maximum diameter. In upper 8' contains common inclusions of dark gray and olive brown shale or gouge from 1/2" to 1" or more wide in thin streaks and lenses elongate at 60 to 80°. Sand grades to coarse grained as at top of core in bottom 2'. Low porosity and permeability due to clay. Looks wet. No visible stain, no odor. No barrel flash.
REPORT OF WELL ON PRODUCTION

REGION: Coastal
DISTRICT: Santa Clara Valley
FIELD: Shiells Canyon
GROUP: Basolo

COMPANY: The Texas Company
LEASE: Elkins
SEC.: 5
T.: 5
R.: 19
WELL NO.: 9
METHOD OF PRODUCTION: Pumping
MAKE OF PUMP: 
SIZE OF PUMP: 

TOTAL DEPTH: 5531'
PRESENT WELL DATA:
PUMP DEPTH: 21'
SIZE TUB.: 
DEPTH TUB.: 

W.S.O.:
PLUG:
7" C: 4555'

6LINER:
7" C: 4955' incl. gun perf.

LENGTH OF STROKE:
S.P.M.

PRODUCTIONS AS OF 6/22/55:
GROSS FLUID:
GROSS OIL:
NET OIL:
GRAVITY:
CUT:
NET GAS:
CIR. GAS:
TOTAL GAS:
G/O RATIO:
PRESSURE:

PUMPING UNIT:
CSG: 
TRAP:

BEAN:

DIVISION OF OIL AND GAS
RECEIVED

Spud: 3/8/55
JUN 30 1955
SANTA PAULA, CALIFORNIA

DATE | NET B/D | GRAV. | % CUT | T.P. | C.P. | BEAN | M.C.F. | G.O.R.
---|---|---|---|---|---|---|---|---
6/23/55 | 29 | 25.2 | 60.0 | | | | 12 |

ELEVATION: 535.4' Gr
LOCATION: 545' N’ly. alg. W/L Sec. 5-3-19 fr. W1/4 Cor.

thence 424' E’ly. at 30'

MEMO BY:
CARD TO ENG. CLERK:
FIELD ENG: Norgis
P/L CO.:
GAS TO:

BY:
DATE:

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

Form E-113.
MEMORANDUM OF TELEPHONE OR PERSONAL CONVERSATION

Santa Paula, Calif.

April 14, 1955

Operator: The Texas Company
Well No.: "Elkins" 9
Field: Shirelles Canyon
Sec. 5 T 3 N R 19 W S.B. B. & M.

A telephone conversation was held, concerning the above well, with Mr. Paul Giddens, Engineer for the above operator:

April 9, 1955; 3:00 P.M.

Details of the conversation were as follows:

The following is a continuation of the report on the blowout which occurred at The Texas Company "Elkins" 9 well, Shirelles Canyon field, Ventura County. A preliminary report of this blowout dated April 9, 1955, was previously submitted. The situation at the well up to 5:30 P.M., April 7, 1955, was correctly stated in the preliminary report, dated April 6, 1955.

From April 7 to April 11, 1955, inclusive, a total of 6,000 sacks of cement mixed with 764 sacks of Calseal was pumped in stages, into the annular space between the 11 3/4" and 7" casings. This cementing completely sealed off all of the fissures in the formation which had previously been carrying oil, mud, unset cement, water and gas to the surface.

On April 9, 1955, the 7" casing was perforated with four 1/2" holes at 2,222 feet, the base of the Elkins zone. From April 9, through 2:30 P.M., April 14, 1955, a total of 960 sacks of cement, mixed with 100 sacks of Calseal was forced through these perforations at 2,222 feet in stages. On April 14, 1955, during the final stage cementing, of the perforations at 2,222 feet, a maximum pump pressure of 1,100 psi. was attained. Subsequent pressures of 1,000 psi. failed to break circulation.

[Signed] Continued

Title
MEMORANDUM OF TELEPHONE OR PERSONAL CONVERSATION

Santa Paula, Calif.
April 14, 1932

Operator: The Texas Company
Well No.: "Elkins" 9
Field: Shells Canyon
Sec. 5, T. 31, R. 19W, S.B. & M.

A telephone conversation was held, concerning the above well, with Mr.

for the above operator on Month 19 at M.

Details of the conversation were as follows:

It is the opinion of The Texas Company engineers, in the local office, that this final squeeze cementing has completely controlled the gas situation and it is believed that normal operations to complete the well will be started immediately.

The cost to The Texas Company of the emergency measures resorted to, to control this blowout, is estimated to be $30,000.

Title: Deputy Supervisor

[Signed]
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 255-103

Mr. B. L. Patton
P.O. Box 510
Santa Paula California

Agent for The Texas Company

Santa Paula Calif.
April 11, 1955

Dear Sirs:

Operations at your well No. "Elkins" 9 in Sec. 5, T. 3N, R. 12W, S.B., B. & M.,
Skiallis Canyon Field, in Ventura County, were witnessed
on April 5, 1955, by Mr. G. H. Schults, representative of the supervisor, was present
from 3:45 p.m. to 4:05 p.m. There were also present: R. S. Arneal, drilling foreman and
T. B. Orr, driller.

Present condition of well: 11 3/4" seam, 406', T.D. 5531'. Plugged with cement 4921'-4803'.

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

Mr. Arneal reported:

1. A 17 1/2" hole was drilled from the surface to 406'.
2. On March 8, 1955, 11 3/4", 47 lb. casing was cemented at 406' with 235 sacks of
cement.
3. Cement returned to the surface.
4. A 9 7/8" hole was drilled from 406' to 5517', an 8 1/2" hole was drilled from 5517'
to 5531' (total depth).
5. On April 5, 1955, 75 sacks of cement was pumped into the hole through a 8 1/2" drill
pipe hanging at 4924', filling to 4803'.

The Engineer noted the cement plug at the reported depth of 4803' supported 57 points
of the weight of the drill pipe.

The location and hardness of the cement plug at 4803' are approved.

By

E. H. Musser
State Oil and Gas Supervisor
Deputy
DEAR SIR:

Your well No. "Elkins" 9, at Shells Canyon Field, in Ventura County, was tested for water shut-off on April 17, 1955, designated by the supervisor was present from 1:15 a.m. to 2:45 a.m. Mr. G. J. Berkovich, E. E. Toalinson, drilling foreman; H. C. Martin, driller.

Shut-off date, in 19 lbs. casing was cemented at 4955 ft. on April 6, 1955, in hole with 850 ft. 70 sacks of cement and 70 sacks of gel, filling the annulus between 11 1/4" and 10 1/2" casings. Cement underlain by 11 3/4" casings, 106 1/2" and 4955 ft. four holes 2222' and 1414'.

Casing record of well:

Present depth 5532 ft. cement bridge 4955 ft. to 4945 ft. Cleaned out cmt. 4914 ft. to 4945 ft. for test. A pressure of 3.2 lbs. was applied to the inside casing for 30 min. without loss after cleaning out to 4914 ft. A Halliburton gun and tester was run into the hole on 3 1/2 in. drill pipe along with 3/8 ft. of water-mud cushion, and packer at 4939 ft. with tailpiece to 4945 ft. Tester valve, with 3/8 in. bean, was opened at 4210 a.m. and remained open for 1 hr. and 30 min. During this interval there was a medium blow for 1 minute, then no blow thereafter.

Mr. Toalinson reported:

1. The cement plug from 4801' to 4924' was drilled out.
2. On April 6, 1955, 7th, 23 lb. casing was cemented at 4955 with 850 sacks of cement and 70 sacks of gel.
3. Cement returned to the surface.
4. The well blew out on April 7, 1955.
5. From April 7 to April 11, 1955, 6000 ft. of cement and 754 sacks of Calsecal was pumped down the annulus between the 11 1/4" and 7" casings.
6. The 7th casing was perforated with four 1/2" holes at 2222'.
7. From April 9 to April 14, 1955, the 7th casing was re cemented through holes at 2222' with a total of 960 sacks of cement and 100 sacks of Calsecal of which 1038 sacks was forced away under a final pressure of 1100 Psi.
8. The 7th casing was perforated with four 1/2" holes at 1414'.
9. On April 15 and 16, 1955, the 7th casing was re cemented through holes at 1414' with a total of 350 sacks of cement and 75 sacks of Calsecal of which 397 sacks was forced away under a final pressure of 1500 Psi.
10. The 7th casing was perforated with four 1/2" holes at 4774'.
11. A Halliburton gun and tester was run as noted above.

The Engineer noted:
1. When the drill pipe was removed 20' of drilling fluid was in the drill pipe above the tester, equivalent to 0.1 bbl.
2. The recording pressure bomb charts showed that the tester valve was open 1 hour.

THE SHUT-OFF AT 4774' IS APPROVED.

E. H. MUSSE.
State Oil and Gas Supervisor

By [Signature] Deputy
DEAR SIR:

Your supplementary proposal to drill Well No. "Elkins" 9,

Section 5, T. 35, R. 19W, S. E. B. & M., Shells Canyon Field, County,

dated Apr. 6, 1955, received Apr. 7, 1955, has been examined in conjunction with records filed in this office.

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

THE NOTICE STATES:
"The new conditions are as follows:
11 3/4", 47#, J-55 casing surface to 4061'. Cement to surface. 9 7/8" hole to 5531'. Hung open end drill pipe at 4930' and pumped in 75 sacks of construction cement treated with 1% CaCO3. Located top of plug at 4803'. Location and hardness of plug witnessed by Division of Oil and Gas representative."

PROPOSAL
"We now propose:
1. Drill out cement plug from 4803 to 4935'.
2. Run 7", 23#, J-55 casing to 4925' and cement through shoe with 850 sacks of construction cement treated with 3% gel.
3. Shoot four 1/2" holes at 4774' at test for W.S.O. Division of Oil and Gas representative to witness test.
4. Shoot four 1/2" holes at 4774' at test for W.S.O. Division of Oil and Gas representative to witness test.
5. Gun perforate the interval from 4878' to 4917' with four 1/2" holes per foot and make production test."

DECISION: THE PROPOSAL IS APPROVED.

 blanket bond

CC W. T. Bell

E. H. MUSSER, State Oil and Gas Supervisor

By

Deputy
DIVISION OF OIL AND GAS

Supplementary Notice

Santa Paula  Calif. April 6, 1955

DIVISION OF OIL AND GAS

Santa Paula  Calif.

Our notice to you dated March 4, 1955, stating our intention to

(Well No. Elkins #9)

Drill [Drill, deepen, redrill, abandon]

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

Ventura County, must be amended on account of changed or recently discovered conditions.

The new conditions are as follows:

- 9-7/8" hole to 5531'
- Hung open end drill pipe at 4930' and pumped in 75 sacks of construction cement treated with 1% CaCl. Located top of plug at 4803'.

Location and hardness of plug witnessed by Division of Oil and Gas representative.

We now propose

1. Drill out cement plug from 4803 to 4935'.
2. Run 7", 23#, J-55 casing to 4925' and cement through shoe with 850 sacks of construction cement treated with 8% gel.
3. Shoot four 3/4" holes at 4774' at test for W.S.O. Division of Oil and Gas representative to witness test.
4. Shoot four 1/2" holes at 4414' and test for W.S.O. Division of Oil and Gas representative to witness test.
5. Gun perforate the interval from 4978' to 4917' with four 1/2" holes per foot and make production test.

The Texas Company

(Name of Operator)

By  [Signature]
DEAR SIR:

Your proposal to drill Well No. "Elkins" 9, Section 5, T. 31 N., R. 19 W., S.B.B. & M., Shilee Canyon Field, Ventura County, dated Mar. 4, 1955, received Mar. 7, 1955, has been examined in conjunction with records filed in this office.

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

THE NOTICE STATES:
"Location of well: 845' North along section line and 624' East at right angles to said line from the West 1/4 corner of section 5.
Elevation of ground above sea level 535' datum.
All depth measurements taken from top of Kelly Bushing which is 12' 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&quot;</td>
<td>47#</td>
<td>3-55</td>
<td>Surf</td>
<td>400'</td>
<td>400'</td>
</tr>
</tbody>
</table>

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:
1. The 11 3/4" casing shall be cemented with sufficient cement to fill all of the space back of the casing.
2. The hole is, at all times, kept full of drilling fluid of proper weight and quality to prevent blowouts.
3. Adequate blowout prevention equipment shall be installed and maintained ready for use at all times.
4. Any hole penetrating an oil or gas zone, to be sidetracked, shall be plugged with cement insofar as possible.
5. A SUPPLEMENTARY NOTICE SHALL BE FILED prior to running any additional casing into the hole. OTHER requirements may be outlined at that time.

Blanket Bond.

E. H. MUSSER
State Oil and Gas Supervisor
Notice of Intention to Drill New Well
This notice and surety bond must be filed before drilling begins

Santa Paula, Calif. March 4, 1955

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

Legal description of lease

(Attach map or plot to scale)

Location of Well: 845 feet North along section line and 1424 feet East

at right angles to said line from the West 1/8 corner of section 5

Elevation of ground above sea level: 535 feet datum.

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

PROPOSED CASING PROGRAM

<table>
<thead>
<tr>
<th>SIZE OF CASING INCHES A.P.I.</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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<td>11 3/4&quot;</td>
<td>47#</td>
<td>J-55</td>
<td>Surf</td>
<td>400</td>
<td>400</td>
</tr>
</tbody>
</table>

Intended zone or zones of completion: Wildcat

Map Book: 18
Card: 114
Form: 121

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

Address: Box 510, Santa Paula, Calif.
The Texas Company

Telephone Number: 6-F

By P.O. Giddings - District Petr. Engineer