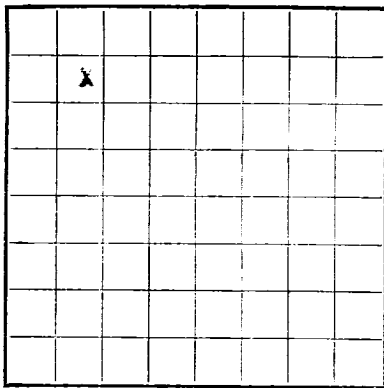
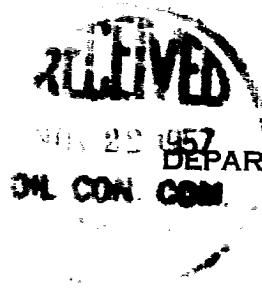




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 073884
LEASE OR PERMIT TO PROSPECT
(Canyon Largo Unit)

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

ALBERTA SLOAN-GOVERNMENT #2-12.

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address Midland, TexasLessor or Tract _____ Field Canyon Largo, N. M. State New MexicoWell No. 2-12 Sec. 12 T. 25 R. 6 Meridian NMP County Bio ArribaLocation 290 ft. N of N Line and 290 ft. E of N Line of Section 12 Elevation 6793' KB
(Derrick floor relative to sea level) 6789' CL

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed W. J. Mathis (W. J. Mathis)Date November 19, 1957 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling October 31, 1957 Finished drilling November 16, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2900 to 2904 (G) No. 4, from _____ to _____No. 2, from 2934 to 2940 (G) No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8"</u>	<u>24</u>	<u>8</u>	<u>Stam</u>	<u>105</u>	<u>Blower</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>19</u>	<u>8</u>	<u>Stam</u>	<u>2975</u>	<u>Blower</u>		<u>2900</u>	<u>2940</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>105</u>	<u>75</u>	<u>2 - Plug</u>	<u>water</u>	<u>Ent. Circ'd to Surface</u>
<u>5-1/2"</u>	<u>2975</u>	<u>125</u>	<u>2 - Plug</u>	<u>7.0</u>	<u>Hole Full</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from to clean out after frac job feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which Shut-in gas well % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1,47,600 780

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2476</u>	<u>2476</u>	<u>Clay, Sand, Bentonite, & Shale.</u>
<u>2476</u>	<u>2897</u>	<u>421</u>	<u>Shale, sand, Coal.</u>
<u>2897</u>	<u>2948</u>	<u>51</u>	<u>Sand, Shale</u>
<u>2948</u>	<u>2975</u>	<u>27</u>	<u>Shale</u>
<u>2975 FD</u>			
<u>2955 FBTD</u>			<u>TOP OF PICTURED CLIFFS: 2975.</u>
<u>SAND-WATER FRAC. TREATMENT:</u>			
<u>Mixed 30,000/ sand w/30,000 gals. water. Flushed w/150 Bw. Maximum pressure 1700#, minimum & final pressure 150#. Average injection rate 43 BPM.</u>			

[OVER]

16-43094-4

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078884
LEASE OR PERMIT TO PROSPECT (Canyon Largo Unit)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALBERTA SLOAN-GOVERNMENT #2-12

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address Midland, Texas
 Lessor or Tract _____ Field Canyon Largo, N. M. C. State New Mexico
 Well No. 2-12 Sec. 12 T. 25N R. 6W Meridian NMPM County Rio Arriba
 Location 990 ft. S. of N. Line and 990 ft. E. of W. Line of Section 12 Elevation 6793' KB
 (Feet below relative to sea level) 6782' GL

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Wm. J. Mathis (Wm. J. Mathis)

Date November 19, 1957 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling October 31, 1957 Finished drilling November 16, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~2900~~ to ~~2904 (6)~~ No. 4, from _____ to _____
No. 2, from ~~2934~~ to ~~2940 (6)~~ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	24	8	Spang	105	Baker	--	--	--	Surface
5-1/2	14.8	8	Spang	2975	Baker	--	2990	2904	Production
							2934	2948	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	105	75	2 - Plug	Water	Cmt. circ'd to surface.
5-1/2"	2975	125	2 - Plug	9.5	Hole full

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used ~~from clean out after frac job~~ ²⁹⁷⁵ feet, and from _____ feet to _____ feet

Cable tools were used ~~from clean out after frac job~~ feet, and from ----- feet to ----- feet

DATES

November 16, 1957 Put to producing Shut-in gas well, 1957

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours 1,947,600 Gallons gasoline per 1,000 cu. ft. of gas 0.3

Rock pressure, lbs. per sq. in. $\frac{1,741,000}{780}$

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
-0-	2476	2476	Clay, Sand, Bentonite, & Shale.
2476	2897	421	Shale, Sand, Coal.
2897	2948	51	Sand, Shale
2948	2975	27	Shale
2975 TD			
2955 FETD			<u>TOP OF PICTURED CLIFFS: 2975</u>
			<u>SAND-WATER FRAC. TREATMENT:</u>
			Mixed 30,000# Sand w/30,000 gals. water. Flushed w/150 BW. Maximum pressure 1700#, minimum & final pressure 1500#. Average injection rate 43 BPM.

[OVER]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

This is a full-page image of a blank sheet of graph paper. The page features a uniform grid of small squares formed by thin, light gray lines. The grid covers the majority of the page area, leaving narrow margins at the top, bottom, and sides. There are no markings, text, or drawings on the paper.

LOCATE WITH CONFIDENCE

Completed drilling _____ ft. The summary on this page is for the condition of the well at above date.

Date _____ Title _____

OIL OR GAS SANDS OR ZONES

Q And you stored it

No. 1, from	to	No. 1, from	to
No. 2, from	to	No. 2, from	to
No. 3, from	to	No. 3, from	to

IMPORTANT WATER SANDS

01	mod 8.6%	01	mod 1.6%
01	mod 4.6%	01	mod 6.6%

CASING RECORD

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been 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.

HISTORY OF OIL OR GAS WELL

10-43091-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Serial Number	Manufacturer	Model	Year	Location	Remarks
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
7	...	...	...	...	...
8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...

CLASS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

0320 2100T

Notary tools were used from	1967 to	1967 and from	1967 to
Col. tools were used from	1967 to	1967 and from	1967 to

DATE

If one well on lot per 24 hours consisted of 15 water and 15 sediment The production for the first 24 hours was 1000 lbs. of water and 1000 lbs. of sediment But to produce 1000 lbs. of water and 1000 lbs. of sediment	California gasoline for the first 24 hours consisted of 15 water and 15 sediment The production for the first 24 hours was 1000 lbs. of water and 1000 lbs. of sediment But to produce 1000 lbs. of water and 1000 lbs. of sediment
---	--

EMPLOYERS

1. $\ln G$	2. $\ln G$	3. $\ln G$
4. $\ln G$	5. $\ln G$	6. $\ln G$

FORMATION RECORD

[illegible]