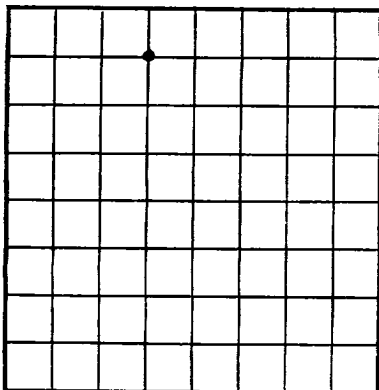




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 15 068474

LEASE OR PERMIT TO PROSPECT _____

Government "B"

UNITED STATES Cities Service Oil Co.

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Lessor or Tract Government "B" Field Lickey-ueen State New Mexico
Well No. 11 Sec. 10 T. 14 R. 31 Meridian N. 100 W. County Chaves
Location 660 ft. N. of N. Line and 1980 ft. E. of W. Line of Sec. 10-14-31 Elevation 4344 ft.
(Derrick floor relative to sea level)

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 _____

Date September 8, 1954 Title Asst. Division Supt.

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

Commenced drilling August 25, 1954 Finished drilling September 3, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2955' to 2974' No. 4, from _____ to _____
No. 2, from _____ to _____ 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>22.7</u>	<u>8 1/2</u>	<u>Arco</u>	<u>120</u>	<u>Arco</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>5 1/2</u>	<u>16</u>	<u>6 1/2</u>	<u>J-55 SS</u>	<u>2940.81</u>	<u>Hobbs</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Oil</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>331</u>	<u>175</u>	<u>Plug</u>		
<u>5 1/2</u>	<u>2947</u>	<u>300</u>	<u>Plug</u>	<u>9</u>	<u>Mud ahead of cement</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
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

TOOLS USED

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

Cable tools were used from 2950 feet to 2975 feet, and from _____ feet to _____ feet

DATES

_____, 1954 Put to producing _____, 1954The production for the first 24 hours was 123 barrels of fluid of which 56 % was oil; _____ %emulsion; 0 % water; and xx % sediment. Gravity, °Bé. 100If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 37 reg at 60 deg

Rock pressure, lbs. per sq. in. _____

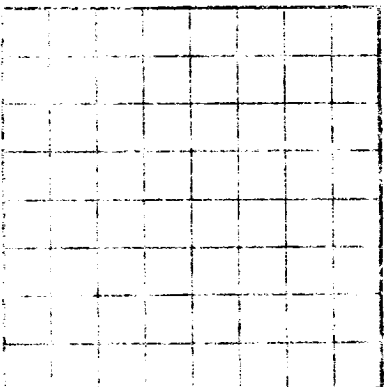
EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>35</u>	<u>35</u>	<u>Surface soil and caliche</u>
<u>35</u>	<u>250</u>	<u>215</u>	<u>Sand and caliche</u>
<u>250</u>	<u>655</u>	<u>405</u>	<u>Sed bed</u>
<u>655</u>	<u>1140</u>	<u>485</u>	<u>Sed bed and shale</u>
<u>1140</u>	<u>1265</u>	<u>125</u>	<u>Sed shale</u>
<u>1265</u>	<u>1325</u>	<u>60</u>	<u>Anhydrite</u>
<u>1325</u>	<u>1415</u>	<u>90</u>	<u>Sed shale</u>
<u>1415</u>	<u>1430</u>	<u>15</u>	<u>Red bed and anhydrite</u>
<u>1430</u>	<u>2025</u>	<u>595</u>	<u>Salt</u>
<u>2025</u>	<u>2185</u>	<u>160</u>	<u>Anhydrite, shale and potash</u>
<u>2185</u>	<u>2335</u>	<u>150</u>	<u>Anhydrite and salt streaks</u>
<u>2335</u>	<u>2670</u>	<u>335</u>	<u>Anhydrite</u>
<u>2670</u>	<u>2790</u>	<u>120</u>	<u>Anhydrite and shale</u>
<u>2790</u>	<u>2955</u>	<u>165</u>	<u>Anhydrite</u>
<u>2955</u>	<u>2974</u>	<u>19</u>	<u>Sand (ueen)</u>
<u>2974</u>	<u>2975</u>	<u>1</u>	<u>Anhydrite</u>



LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company _____
Lessor or Trust _____
State _____
Well No. _____ Sec. _____ T. _____ R. _____
Location _____ ft. _____ of _____ line and _____ of _____
The information given herewith is a complete and correct record of the _____ and all work done thereon
so far as can be determined from all available records.

Date _____
The summary on this page is for the condition of the well at above date
(continued drilling _____ finished drilling _____)

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Size	Weight	Thickness	Material	Kind of use	Depth and character

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

HISTORY OF OIL OR GAS WELL			
FROM	TO	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYEES			
DATES			
TOOLS USED			
PRODUCTION RECORD			
MUD LOG AND CEMENTING RECORD			