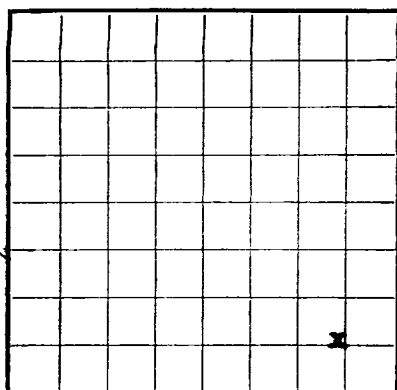


U. S. LAND OFFICE
SERIAL NUMBER **LC-060850**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Bill A. Shelton Address Box 1156, Lovington, New Mexico
Lessor or Tract Union Oil Co. of Calif. Field Caprock-Queens State New Mexico
Well No. 2 Sec. 4 T. 15S R. 31E Meridian County Chaves
Location 990 ft. N. of S. Line and 717 ft. W. of E. Line of Sec. 4 Elevation 4381
(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 May 1, 1956Title Office Manager

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

Commenced drilling April 15, 1956 Finished drilling April 23, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3123 to 3136 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 115 to 140 - Surface H₂O 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>32</u>	<u>8</u>	<u>J-55</u>	<u>199</u>	<u>Pipe Flared</u>				<u>Surface string</u>
<u>5 1/2</u>	<u>24</u>	<u>8</u>	<u>Halliburton</u>	<u>3124.5</u>	<u>Halliburton</u>				<u>Production string.</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>199</u>	<u>175</u> <u>Circulated to Surface.</u>	<u>Halliburton</u>		
<u>5 1/2</u>	<u>3152</u>	<u>100</u>	<u>Halliburton</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 0 feet to 3152 feet, and from _____ feet to _____ feetCable tools were used from 0 feet to 0 feet, and from _____ feet to _____ feet

DATES

Put to producing April 30, 1956The production for the first 24 hours was 288 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 35

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

Joe R. Shelton, Driller T. T. Watson, DrillerJames B. Simmons, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>115</u>	<u>115</u>	<u>Surface line</u>
<u>115</u>	<u>140</u>	<u>25</u>	<u>Water sand</u>
<u>140</u>	<u>1540</u>	<u>1400</u>	<u>Line & Red bed</u>
<u>1540</u>	<u>1650</u>	<u>110</u>	<u>Red bed & Anhy.</u>
<u>1650</u>	<u>1850</u>	<u>200</u>	<u>Salt</u>
<u>1850</u>	<u>2150</u>	<u>300</u>	<u>Salt & Anhy.</u>
<u>2150</u>	<u>2600</u>	<u>450</u>	<u>Anhy. & Dolomite</u>
<u>2600</u>	<u>2625</u>	<u>25</u>	<u>Cherty Dolomite</u>
<u>2625</u>	<u>3115</u>	<u>490</u>	<u>Anhy. & Dolomite</u>
<u>3115</u>	<u>3123</u>	<u>8</u>	<u>Dolomite</u>
<u>3123</u>	<u>3136</u>	<u>13</u>	<u>Sand - Queens</u>
<u>3136</u>	<u>3152</u>	<u>16</u>	<u>Sand & Dolomite</u>

