

U. S. LAND OFFICE New MexicoSERIAL NUMBER 02460

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company John H. Trigg Address P.O. Box 5629 Roswell, New Mexico
Lessor or Tract Federal "TR" Field Culvin Queen State New Mexico
Well No. 1-31 Sec. 31 T. 18S R. 31E Meridian N.M.P.M. County Eddy
Location 660 ft. N. of S Line and 592.8 E. of W Line of Sec. 31 Elevation 3527
(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

Title GeologistDate August 24, 1959

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

Commenced drilling July 15, 1959 Finished drilling August 22, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3114 to 3144 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 235 to 240 No. 3, from 2640 to 2660
No. 2, from 570 to 575 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>244</u>		<u>J-55</u>	<u>725</u>	<u>James Washburn</u>				
<u>4 1/2"</u>	<u>9.54</u>		<u>Loma Star 3092</u>	<u>725</u>	<u>Flank</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>732</u>	<u>50</u>	<u>Pump</u>		
<u>4 1/2"</u>	<u>3092</u>	<u>100</u>	<u>Pump</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 0 feet to 3144 feet, and from _____ feet to _____ feet

DATES

September 21, 1959 Put to producing September 5, 1959

The production for the first 24 hours was 51 barrels of fluid of which 90% was oil; _____%
emulsion; 10% water; and _____% sediment. Gravity, °Bé. 36°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. R. High, Driller G. Graham, Driller
R. T. Wilson, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>14</u>	<u>14</u>	<u>Caliche</u>
<u>14</u>	<u>245</u>	<u>231</u>	<u>Red Beds: Water Sand 235' - 245'</u>
<u>245</u>	<u>275</u>	<u>30</u>	<u>Lime</u>
<u>275</u>	<u>575</u>	<u>300</u>	<u>Anhydrite and red beds - wtr. sd. 570-75 - HF</u>
<u>575</u>	<u>740</u>	<u>165</u>	<u>Anhydrite</u>
<u>740</u>	<u>750</u>	<u>10</u>	<u>Red Shale</u>
<u>750</u>	<u>1950</u>	<u>1200</u>	<u>Salt - anhydrite and potash breaks</u>
<u>1950</u>	<u>2540</u>	<u>590</u>	<u>Anhydrite with sand and lime breaks</u>
<u>2540</u>	<u>2660</u>	<u>120</u>	<u>Broken Lime</u>
<u>2660</u>	<u>2912</u>	<u>252</u>	<u>Lime</u>
<u>2912</u>	<u>2932</u>	<u>20</u>	<u>Red sand</u>
<u>2932</u>	<u>3108</u>	<u>176</u>	<u>Lime</u>
<u>3108</u>	<u>3144</u>	<u>36</u>	<u>Sand - show of oil</u>
	<u>3144 T. D.</u>		
Summary of sample tops:			
	<u>T. Salt</u>	<u>750</u>	
	<u>B. Salt</u>	<u>1955</u>	
	<u>Yates</u>	<u>2170</u>	
	<u>Seven Rivers</u>	<u>2340</u>	
	<u>Queen</u>	<u>3108</u>	

YEAR-12 LATE-1990S

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