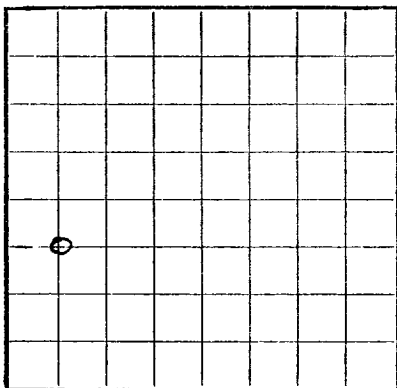


U. S. LAND OFFICE Mexico  
SERIAL NUMBER 04591  
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company John H. ... Address Box 5029 Roswell, N. Mexico  
Lessor or Tract Frederick ... Field A-K ... State New Mexico  
Well No. 13-13 Sec. 13 T. 2 R. 33 Meridian ... County Lea  
Location 1210 ft. N. of S. Line and 260 ft. E. of W. Line of section 13 Elevation 3425  
(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 L. W. ...Date April 4, 1957 Title Geologist

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

Commenced drilling February 9, 1957 Finished drilling March 12, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4288 to 4302 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>5/8"</u>	<u>4.4</u>	<u>8-55</u>	<u>1617</u>	<u>Texas Pattern</u>					
<u>5"</u>	<u>15.5</u>	<u>8-55</u>	<u>4282</u>	<u>Packer</u>					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5/8"</u>	<u>1617</u>	<u>50</u>	<u>Pump</u>		
<u>5"</u>	<u>4282</u>	<u>200</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 1617 feet, and from ... feet to ... feet  
Cable tools were used from 1617 feet to 4305 feet, and from ... feet to ... feet

## DATES

April 4, 1957 Put to producing March 12, 1957

The production for the first 24 hours was ... barrels of fluid of which 100% 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. ...

## EMPLOYEES

..., Driller ..., Driller  
..., Driller ..., Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1500	1605	105	Red Beds
1605	1655	50	Anhydrite
1655	1850	195	Anhydrite, lime, shale, salt
1850	2910	1060	salt
2910	3160	250	Anhydrite, shale breaks
3160	3509	349	Anhydrite, with sand, shale, & lime breaks
3509	3550	41	Gray sand - <u>...</u> 3509-20
3550	4288	738	Anhydrite & dolomite w/sand & shale breaks
4288	4302	14	Gray sand - <u>...</u>
4302	4305	3	Red Sand
	4305	4305	total depth

**FORMATION RECORD--Continued**[illegible]

### HISTORY OF OIL OR GAS WELL

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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.