

U. S. LAND OFFICE Las Cruces  
 SERIAL NUMBER 045818A  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_


UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Nunn & Geiser Address Artesia, New Mexico  
 Lessor or Tract Hastie Field Empire State New Mexico  
 Well No. 1 Sec. 18 T. 17 R. 28 Meridian NMPM County Eddy  
 Location 2310 ft. fix of N Line and 330 ft. fix of W Line of Sec. 18 Elevation \_\_\_\_\_  
(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 Feb. 20, 1950 Title Agent

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

Commenced drilling 1-27, 1950 Finished drilling 2-19, 1950

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 340 to 345 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 390 to 393 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from 505 to 509 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 135 to 140 No. 3, from 430 to 433  
 No. 2, from 230 to 235 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"</u>	<u>32</u>	<u>10</u>	<u>J&amp;L</u>	<u>288</u>	<u>Will pull</u>				
<u>7"</u>	<u>20</u>	<u>10</u>	<u>F&amp;W</u>	<u>499</u>	<u>Texas Pat.</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8"</u>	<u>288</u>	<u>mudded</u>			
<u>7"</u>	<u>499</u>	<u>25 sacks</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>Acidized</u>	<u>with 1000 gallons of acid</u>				

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from 0 feet to 509 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

2-22, 1950 Put to producing as of 2-23, 1950  
 The production for the first 24 hours was 200 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 34  
 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 C. E. Geiser, Driller  
 \_\_\_\_\_, Driller R. E. Heskett, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Caliche
10	40	30	Red shell
40	50	10	Gyp
50	65	15	Red shale
65	70	5	Blue shale
70	80	10	Red shale
80	85	5	Red rock
85	90	5	Red rock
90	95	5	Gyp
95	110	15	Anhydrite
110	115	5	Blue shale
115	125	10	Gyp & anhydrite
125	130	5	Gyp
130	135	5	Grey shale
135	140	5	Flag rock
140	180	40	Anhydrite
180	185	5	Blue shale
185	230	40	Red shale
230	235	5	Sandy shale
235	250	15	Red shale
250	260	10	Red rock
260	270	10	Gyp
270	275	5	Anhydrite & gyp
275	280	5	Red sand
280	285	5	Gyp
285	288	3	Anhydrite

FOLD | MARK