

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028755 A.
LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Paton Bros. Address Artesia, New Mexico
Lessor or Tract Russell Field Empire State N. Mex.
Well No. 5 Sec. 35 T. 17S R. 27E Meridian N.M.P.M. County Eddy
Location 990 ft. (N) of S Line and 1650 ft. (E) of E Line of Sec. 35 Elevation _____
(Derive Elevation 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 Oct. 22, 1941 Title Secretary

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

Commenced drilling Oct. 8, 1941 Finished drilling Oct. 17, 1941OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 445 to 461 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 None 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"</u>	<u>28#</u>	<u>8</u>	<u>Levweld</u>	<u>402'</u>	<u>None</u>	<u>None</u>	<u>None</u>	<u>None</u>	
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8"</u>	<u>402</u>	<u>20</u>	<u>Halliburton</u>	<u>Aquajell</u>	<u>8 sacks</u>

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>Not shot or acidized</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 461' feet, and from _____ feet to _____ feet

DATES

Put to producing Oct. 17, 1941

The production for the first 24 hours was 125 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. H. Willey, Driller Ted Keith, Driller
M. K. Clark, Driller _____, Driller

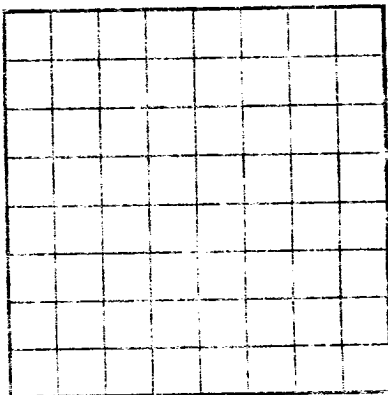
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>50</u>	<u>50</u>	<u>Anhydrite & Red Beds</u>
<u>50</u>	<u>125</u>	<u>75</u>	<u>Anhydrite</u>
<u>126</u>	<u>175</u>	<u>50</u>	<u>Anhydrite and Red beds</u>
<u>176</u>	<u>195</u>	<u>20</u>	<u>Red Shale and anhydrite</u>
<u>196</u>	<u>250</u>	<u>55</u>	<u>Anhydrite & red beds</u>
<u>251</u>	<u>290</u>	<u>40</u>	<u>Red bed</u>
<u>291</u>	<u>300</u>	<u>10</u>	<u>Red Shale</u>
<u>301</u>	<u>380</u>	<u>80</u>	<u>Anhydrite</u>
<u>381</u>	<u>386</u>	<u>6</u>	<u>Sand and anhydrite</u>
<u>387</u>	<u>445</u>	<u>59</u>	<u>Anhydrite</u>
<u>446</u>	<u>450</u>	<u>5</u>	<u>Lime (Oil)</u>
<u>451</u>	<u>453</u>	<u>3</u>	<u>Broken Lime and Anhydrite</u>
<u>454</u>	<u>459</u>	<u>6</u>	<u>Lime, little sand (Oil)</u>
<u>460</u>	<u>461</u>	<u>2</u>	<u>Shale</u>
<u>461</u>			

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Lessor or Trust _____
Well No. _____
Location _____ of _____ line and _____ of _____
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.
Date _____
Signed _____
Title _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19____

OIL OR GAS SANDS OR ZONES

(Describe each zone)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

CASING RECORD

Size of casing	Weight of casing	Length of casing	Depth of casing	Remarks

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 "underlaid" 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

FORMATION RECORD				TOOLS USED				SHOOTING RECORD				PLUGS AND ADAPTERS				MUDGING AND CEMENTING RECORD			
FROM -	TO -	TOTAL FEET	FORMATION	Size	Weight used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out	Size	Length	Depth set	Material used	Amount of cement used	Material used	Amount of cement used	Material used	Amount of cement used
0	20	20	Adipate																
20	40	40	Adipate																
40	60	60	Adipate																
60	80	80	Adipate																
80	100	100	Adipate																
100	120	120	Adipate																
120	140	140	Adipate																
140	160	160	Adipate																
160	180	180	Adipate																
180	200	200	Adipate																
200	220	220	Adipate																
220	240	240	Adipate																
240	260	260	Adipate																
260	280	280	Adipate																
280	300	300	Adipate																
300	320	320	Adipate																
320	340	340	Adipate																
340	360	360	Adipate																
360	380	380	Adipate																
380	400	400	Adipate																
400	420	420	Adipate																
420	440	440	Adipate																
440	460	460	Adipate																
460	480	480	Adipate																
480	500	500	Adipate																
500	520	520	Adipate																
520	540	540	Adipate																
540	560	560	Adipate																
560	580	580	Adipate																
580	600	600	Adipate																
600	620	620	Adipate																
620	640	640	Adipate																
640	660	660	Adipate																
660	680	680	Adipate																
680	700	700	Adipate																
700	720	720	Adipate																
720	740	740	Adipate																
740	760	760	Adipate																
760	780	780	Adipate																
780	800	800	Adipate																
800	820	820	Adipate																
820	840	840	Adipate																
840	860	860	Adipate																
860	880	880	Adipate																
880	900	900	Adipate																
900	920	920	Adipate																
920	940	940	Adipate																
940	960	960	Adipate																
960	980	980	Adipate																
980	1000	1000	Adipate																