

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 057798
LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-00635

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Paton Bros. Address Artesia, N. Mex.
Lessor or Tract Magruder Field Artesia State N. Mex.
Well No. 4 Sec. 35 T. 17S R. 27E Meridian NMPM County Eddy
Location 330 ft. (N.) of S. Line and 990 ft. (E.) of E. Line of Sec. 35 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 Dec. 26, 1941 Title Secretary

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

Commenced drilling Dec. 15, 1941 Finished drilling Dec. 23, 1941

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 480 to 502 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>Lapweld</u>	<u>471'</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>471</u>	<u>25</u>	<u>Halliburton</u>		<u>8 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
Well acidized with 1000 gallons, 15% Non-emulsifying acid. Halliburton						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 504 feet, and from _____ feet to _____ feet

DATES

Put to producing Dec. 24, 1941

The production for the first 8 hours was 120 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. _____

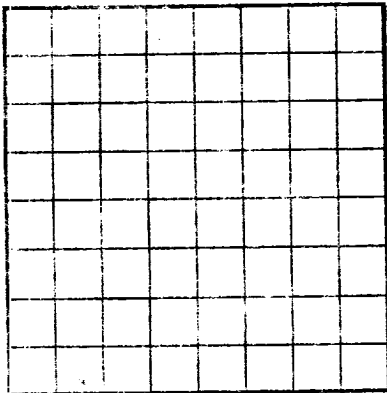
EMPLOYEES

W. H. Willey, Driller A. M. Paton, Driller
M. K. Clark, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>25</u>	<u>25</u>	<u>Red Bed</u>
<u>26</u>	<u>35</u>	<u>10</u>	<u>Gyp</u>
<u>36</u>	<u>60</u>	<u>25</u>	<u>Red Bed.</u>
<u>61</u>	<u>125</u>	<u>65</u>	<u>Gyp</u>
<u>126</u>	<u>190</u>	<u>65</u>	<u>Anhydrite</u>
<u>191</u>	<u>220</u>	<u>30</u>	<u>Red rock</u>
<u>221</u>	<u>235</u>	<u>15</u>	<u>Anhydrite</u>
<u>236</u>	<u>255</u>	<u>20</u>	<u>Red rock</u>
<u>256</u>	<u>270</u>	<u>15</u>	<u>Anhydrite</u>
<u>271</u>	<u>285</u>	<u>15</u>	<u>Red rock</u>
<u>286</u>	<u>310</u>	<u>25</u>	<u>Anhydrite</u>
<u>311</u>	<u>340</u>	<u>30</u>	<u>Red rock</u>
<u>341</u>	<u>420</u>	<u>80</u>	<u>Anhydrite</u>
<u>421</u>	<u>425</u>	<u>5</u>	<u>Red rock</u>
<u>426</u>	<u>455</u>	<u>30</u>	<u>Anhydrite</u>
<u>456</u>	<u>462</u>	<u>7</u>	<u>Anhydrite & Shale</u>
<u>463</u>	<u>480</u>	<u>18</u>	<u>Anhydrite</u>
<u>481</u>	<u>484</u>	<u>4</u>	<u>Brown Lime (O11)</u>
<u>485</u>	<u>489</u>	<u>5</u>	<u>Anhydrite</u>
<u>490</u>	<u>493</u>	<u>4</u>	<u>Brown Lime (O11)</u>
<u>494</u>	<u>495</u>	<u>2</u>	<u>Anhydrite</u>
<u>496</u>	<u>502</u>	<u>7</u>	<u>Brown Lime (O11)</u>
<u>503</u>	<u>504</u>	<u>2</u>	<u>Anhydrite</u>

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

33-012-0222

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
SERIAL NUMBER
LEAD OR PERMIT TO PROSPECT

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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 _____
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

(Denote gas by G)

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____
No. 9, from _____ to _____
No. 10, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

CASING RECORD

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 "added" or left in the well, give its size and location. If the well has been dynamited, give date, 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

MUDGING AND CEMENTING RECORD			
Time	Material	Method used	Amount of mud cement
8:00	Water	Hydraulic	5 barrels
PLUGS AND BRIDGES			
Having plug	Material	Length	Depth set
7:00	Water	5 feet	
SHOOTING RECORD			
Size	Shell used	Explosive used	Quantity
1 1/2	10.5	10.5	10.5
TOOLS USED			
Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet			
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet			
DATES			
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil. _____ was water; and _____ sediment.			
It gas well, can it per 24 hours _____			
Hook pressure, lbs. per sq. in. _____			
EMPLOYEES			
Driller _____			
Driller _____			
FORMATION RECORD			
FROM	TO	TOTAL FEET	FORMATION
0	32	32	Red bed
32	35	3	Gyp
35	38	3	Red bed
38	40	2	Gyp
40	45	5	Anhydrite
45	50	5	Red rock
50	55	5	Anhydrite
55	60	5	Red rock
60	65	5	Anhydrite
65	70	5	Red rock
70	75	5	Anhydrite
75	80	5	Red rock
80	85	5	Anhydrite
85	90	5	Red rock
90	95	5	Anhydrite
95	100	5	Red rock
100	105	5	Anhydrite
105	110	5	Red rock
110	115	5	Anhydrite
115	120	5	Red rock
120	125	5	Anhydrite
125	130	5	Red rock
130	135	5	Anhydrite
135	140	5	Red rock
140	145	5	Anhydrite
145	150	5	Red rock
150	155	5	Anhydrite
155	160	5	Red rock
160	165	5	Anhydrite
165	170	5	Red rock
170	175	5	Anhydrite
175	180	5	Red rock
180	185	5	Anhydrite
185	190	5	Red rock
190	195	5	Anhydrite
195	200	5	Red rock
200	205	5	Anhydrite
205	210	5	Red rock
210	215	5	Anhydrite
215	220	5	Red rock
220	225	5	Anhydrite
225	230	5	Red rock
230	235	5	Anhydrite
235	240	5	Red rock
240	245	5	Anhydrite
245	250	5	Red rock
250	255	5	Anhydrite
255	260	5	Red rock
260	265	5	Anhydrite
265	270	5	Red rock
270	275	5	Anhydrite
275	280	5	Red rock
280	285	5	Anhydrite
285	290	5	Red rock
290	295	5	Anhydrite
295	300	5	Red rock
300	305	5	Anhydrite
305	310	5	Red rock
310	315	5	Anhydrite
315	320	5	Red rock
320	325	5	Anhydrite
325	330	5	Red rock
330	335	5	Anhydrite
335	340	5	Red rock
340	345	5	Anhydrite
345	350	5	Red rock
350	355	5	Anhydrite
355	360	5	Red rock
360	365	5	Anhydrite
365	370	5	Red rock
370	375	5	Anhydrite
375	380	5	Red rock
380	385	5	Anhydrite
385	390	5	Red rock
390	395	5	Anhydrite
395	400	5	Red rock
400	405	5	Anhydrite
405	410	5	Red rock
410	415	5	Anhydrite
415	420	5	Red rock
420	425	5	Anhydrite
425	430	5	Red rock
430	435	5	Anhydrite
435	440	5	Red rock
440	445	5	Anhydrite
445	450	5	Red rock
450	455	5	Anhydrite
455	460	5	Red rock
460	465	5	Anhydrite
465	470	5	Red rock
470	475	5	Anhydrite
475	480	5	Red rock
480	485	5	Anhydrite
485	490	5	Red rock
490	495	5	Anhydrite
495	500	5	Red rock
500	505	5	Anhydrite
505	510	5	Red rock
510	515	5	Anhydrite
515	520	5	Red rock
520	525	5	Anhydrite
525	530	5	Red rock
530	535	5	Anhydrite
535	540	5	Red rock
540	545	5	Anhydrite
545	550	5	Red rock
550	555	5	Anhydrite
555	560	5	Red rock
560	565	5	Anhydrite
565	570	5	Red rock
570	575	5	Anhydrite
575	580	5	Red rock
580	585	5	Anhydrite
585	590	5	Red rock
590	595	5	Anhydrite
595	600	5	Red rock
600	605	5	Anhydrite
605	610	5	Red rock
610	615	5	Anhydrite
615	620	5	Red rock
620	625	5	Anhydrite
625	630	5	Red rock
630	635	5	Anhydrite
635	640	5	Red rock
640	645	5	Anhydrite
645	650	5	Red rock
650	655	5	Anhydrite
655	660	5	Red rock
660	665	5	Anhydrite
665	670	5	Red rock
670	675	5	Anhydrite
675	680	5	Red rock
680	685	5	Anhydrite
685	690	5	Red rock
690	695	5	Anhydrite
695	700	5	Red rock
700	705	5	Anhydrite
705	710	5	Red rock
710	715	5	Anhydrite
715	720	5	Red rock
720	725	5	Anhydrite
725	730	5	Red rock
730	735	5	Anhydrite
735	740	5	Red rock
740	745	5	Anhydrite
745	750	5	Red rock
750	755	5	Anhydrite
755	760	5	Red rock
760	765	5	Anhydrite
765	770	5	Red rock
770	775	5	Anhydrite
775	780	5	Red rock
780	785	5	Anhydrite
785	790	5	Red rock
790	795	5	Anhydrite
795	800	5	Red rock
800	805	5	Anhydrite
805	810	5	Red rock
810	815	5	Anhydrite
815	820	5	Red rock
820	825	5	Anhydrite
825	830	5	Red rock
830	835	5	Anhydrite
835	840	5	Red rock
840	845	5	Anhydrite
845	850	5	Red rock
850	855	5	Anhydrite
855	860	5	Red rock
860	865	5	Anhydrite
865	870	5	Red rock
870	875	5	Anhydrite
875	880	5	Red rock
880	885	5	Anhydrite
885	890	5	Red rock
890	895	5	Anhydrite
895	900	5	Red rock
900	905	5	Anhydrite
905	910	5	Red rock
910	915	5	Anhydrite
915	920	5	Red rock
920	925	5	Anhydrite
925	930	5	Red rock
930	935	5	Anhydrite
935	940	5	Red rock
940	945	5	Anhydrite
945	950	5	Red rock
950	955	5	Anhydrite
955	960	5	Red rock
960	965	5	Anhydrite
965	970	5	Red rock
970	975	5	Anhydrite
975	980	5	Red rock
980	985	5	Anhydrite
985	990	5	Red rock
990	995	5	Anhydrite
995	1000	5	Red rock