

C O P Y

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 028992-E

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Premier Petroleum Company Address Artesia, New Mexico
 Lessor or Tract Arnold Field Loco Hills State New Mexico
 Well No. 2-E Sec. 23 T. 17 R. 30 Meridian NMPM County Eddy
 Location 660 ft. (N) of S Line and 1930 ft. (W) of E Line of Sec. 23 Elevation 3662

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 March 15, 1943

Title Secretary

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

Commenced drilling 12-2-42, 1942 Finished drilling 1-25-43, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>1940</u>	to	1955 (O & G)	No. 4, from _____	to _____
No. 2, from <u>3036</u>	to	<u>3150</u>	No. 5, from _____	to _____
No. 3, from _____	to	_____	No. 6, from _____	to _____

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from <u>85</u> to <u>90</u>	No. 3, from <u>3168</u> to <u>3179</u>
No. 2, from <u>485</u> to <u>490</u>	No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2" N	510	100	Halliburton		
7"	2834	100	Halliburton		Mud to top

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
5 1/2"		Nitro-Glycerin	190	1-28	3175	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 3192 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing January 25, 1918, 19-----

The production for the first 24 hours was 100 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

EMPLOYEES

<u>D. R. Watson</u>	Driller	<u>W. E. Clark</u>	Driller
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A. J. Smith....., Driller

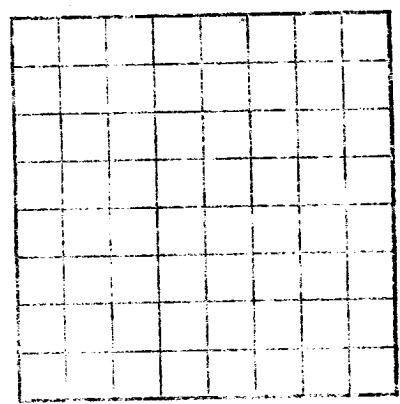
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50		Red Rock
50	70		Sand
70	240		Red Rock
240	325		Red bed and red sand
325	370		Gravel
370	380		Gyp and Red Rock
380	410		Anhy
410	460		Red Rock
460	470		Anhy
470	495		Red Rock
495	1225		Salt
1225	1940		Anhy
1940	1995		Broken Lime
1995	2402		Anhy
2402	2435		Red Sand
2435	2567		Anhy
2567	2585		Lime and Anhy
2585	2790		Anhy
2790	2850		Lime and Anhy
2850	2881		Gray Lime
2881	2900		Brown and Gray Lime
2900	3036		Gray Lime
3036	3150		Gray Lime — Oil Show
3150	3163		White Lime
3163	3189		Gray Lime
3189	3192		

COPY: 10-25-51 gb

U. S. LAND OFFICE
SERIAL NUMBER
Based on Return to Prospector

Form 3-2-10



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

Company _____
Address _____
Field _____
State _____
County _____
Location _____
Well No. _____
Sec. _____ T. _____ R. _____
Line of _____ of _____
Elevation _____
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 _____

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 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 "detached" 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

MUDDING AND CEMENTING RECORD			
Depth	Amount of cement	Kind of mud	Kind of casing
0			
10			
20			
30			
40			
50			
60			
70			
80			
90			
100			
110			
120			
130			
140			
150			
160			
170			
180			
190			
200			
210			
220			
230			
240			
250			
260			
270			
280			
290			
300			
310			
320			
330			
340			
350			
360			
370			
380			
390			
400			
410			
420			
430			
440			
450			
460			
470			
480			
490			
500			
510			
520			
530			
540			
550			
560			
570			
580			
590			
600			
610			
620			
630			
640			
650			
660			
670			
680			
690			
700			
710			
720			
730			
740			
750			
760			
770			
780			
790			
800			
810			
820			
830			
840			
850			
860			
870			
880			
890			
900			
910			
920			
930			
940			
950			
960			
970			
980			
990			
1000			

FORMATION RECORD - Continued

FORMATION RECORD			
Depth	Formation	Color	Remarks
0	Red Rock		
10	Sand		
20	Red Rock		
30	Red bed and red sand		
40	Gravel		
50	Gray and red floor		
60	Any		
70	Red Rock		
80	Any		
90	Red Rock		
100	Sand		
110	Any		
120	Broken lime		
130	Any		
140	Red Sand		
150	Any		
160	Any		
170	Any		
180	Any		
190	Any		
200	Any		
210	Any		
220	Any		
230	Any		
240	Any		
250	Any		
260	Any		
270	Any		
280	Any		
290	Any		
300	Any		
310	Any		
320	Any		
330	Any		
340	Any		
350	Any		
360	Any		
370	Any		
380	Any		
390	Any		
400	Any		
410	Any		
420	Any		
430	Any		
440	Any		
450	Any		
460	Any		
470	Any		
480	Any		
490	Any		
500	Any		
510	Any		
520	Any		
530	Any		
540	Any		
550	Any		
560	Any		
570	Any		
580	Any		
590	Any		
600	Any		
610	Any		
620	Any		
630	Any		
640	Any		
650	Any		
660	Any		
670	Any		
680	Any		
690	Any		
700	Any		
710	Any		
720	Any		
730	Any		
740	Any		
750	Any		
760	Any		
770	Any		
780	Any		
790	Any		
800	Any		
810	Any		
820	Any		
830	Any		
840	Any		
850	Any		
860	Any		
870	Any		
880	Any		
890	Any		
900	Any		
910	Any		
920	Any		
930	Any		
940	Any		
950	Any		
960	Any		
970	Any		
980	Any		
990	Any		
1000	Any		