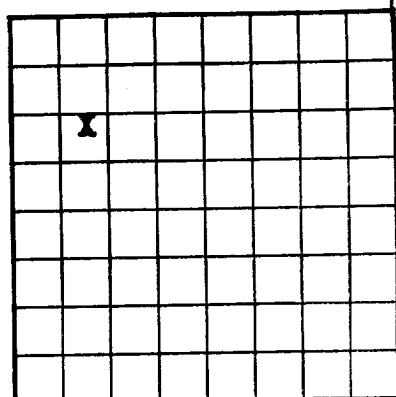




**GEOLOGICAL SURVEY
RECEIVED**
DEC 28 1943

U. S. LAND OFFICE **Las Cruces**
 SERIAL NUMBER **060883**
 LEASE OR PERMIT TO PROSPECT **Oil & Gas**

Artesia, New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY:

Company Penn Surgical Address 417 Petroleum Bldg., Midland, Tex.
Lessor or Tract Miller Field Loco Hills State New Mexico
Well No. 1 Sec. 5 T. 18 R. 29E Meridian N.M.P.M. County Eddy
Location 1980 ft. 114 of N Line and 660 ft. E of W Line of Sec. 5 Elevation 3570
(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.

Date November 20th, 1943 Title Agent

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

Commenced drilling August 2, 1943 Finished drilling Sept. 11, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

G & Dead Oil	2195	to	2215	No. 4, from	to
No. 1, from				No. 5, from	to
Oil No. 2, from	2415	to	2430	No. 6, from	to
No. 3, from	2630	to	2665		

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ 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"	204'	50	Displacement		50
7" O.D.	2464'	100	"		Circulated with Mud.

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
7"		Nitro Glycerine	200	t. 9/11	2568'-2710'	42'

TOOLS USED

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

Cable tools were used from 0 feet to 2730 feet, and from _____ feet to _____ feet.

DATES

-----, 19----- Put to producing -----, 19-----
 The production for the first 24 hours was 126 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

Paris Davis	Driller	H. H. Moore	Driller
H. H. Dillard	Driller		Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	18	18	Gyp
18	35	17	Red Shale
35	45	10	Sandy Shale
45	100	55	Sandy Shale
100	110	10	"
110	135	25	Sandy Shale
135	145	10	Anhy
145	155	5	Anhy
155	175	20	Red Shale
175	220	45	Red Red
220	225	5	Anhy
225	260	35	"
260	295	35	Red Red & Anhy
295	300	5	Salt
300	330	30	Anhy
330	350	20	Salt
350	400	50	"
400	410	10	Salt
410	485	75	"
485	515	30	Salt
515	545	30	Anhy & Salt
545	595	50	Salt
595	675	80	Salt
675	715	40	Salt
715	735	20	Anhy
735	775	40	Anhy
775	800	25	Anhy
800	835	35	"
835	865	30	"
865	895	30	"
895	930	35	"

FORMATION RECORD - CONTINUED

FORMATION RECORD—Continued

FROM—	930	970	970	TOTAL FEET	FORMATION
	1005	1005	1005	40	any
	1005	1005	1005	35	any
	1005	1005	1005	35	any & Sand
	1005	1005	1005	5	any
	1090	1090	1090	35	"
	1100	1100	1100	10	"
	1115	1115	1115	30	"
	1175	1175	1175	25	"
	1200	1200	1200	25	"
	1230	1230	1230	30	"
	1255	1255	1255	25	"
	1285	1285	1285	30	"
	1300	1300	1300	65	"
	1365	1365	1365	25	"
	1390	1390	1390	25	any Hard
	1420	1420	1420	30	"
	1445	1445	1445	25	"
	1480	1480	1480	35	any
	1510	1510	1510	30	"
	1540	1540	1540	30	"
	1575	1575	1575	35	"
	1610	1610	1610	35	"
	1625	1625	1625	15	"
	1650	1650	1650	25	"
	1680	1680	1680	30	"
	1705	1705	1705	25	"
	1740	1740	1740	35	"
	1770	1770	1770	30	FORMATION RECORD
	1790	1790	1790	20	"
	1812	1812	1812	22	Steel line measurement
	1845	1845	1845	33	any
	1870	1870	1870	35	any
	1885	1885	1885	15	"
	1905	1905	1905	20	"
	1925	1925	1925	20	any
	1950	1950	1950	25	Red Sand
	1970	1970	1970	20	Red Sand
	1975	1975	1975	5	any
	2000	2000	2000	25	"
	2025	2025	2025	25	"
	2055	2055	2055	30	"
	2085	2085	2085	30	"
	2100	2100	2100	15	any & Lime
	2105	2105	2105	5	Lime
	2115	2130	2130	75	Lime
	2160	2160	2160	75	any
	2185	2185	2185	25	"
	2195	2195	2195	10	Lime
	2215	2215	2215	20	Band
	2240	2240	2240	25	any
	2270	2270	2270	15	any
	2290	2290	2290	20	any
	2315	2335	2335	20	Lime
	2350	2365	2365	15	Lime
	2375	2375	2375	10	"
	2390	2390	2390	15	"
	2405	2415	2415	10	Lime
	2430	2430	2430	15	Lime
	2460	2460	2460	10	Lime
	2470	2470	2470	10	Lime
	2480	2480	2480	10	Lime

HISTORY OF OIL OR GAS WELL

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 "wadded" 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 lumping or balling.

2480	2490	2490	10	Lime
2500	2510	2510	10	"
2525	2525	2525	15	"
2535	2540	2540	10	Sandy Lime
2540	2540	2540	5	Sandy Lime
2555	2555	2555	15	any
2575	2585	2585	10	Lime
2585	2600	2600	15	Lime
2605	2605	2605	5	"
2615	2615	2615	10	Sandy Lime
2625	2625	2625	10	Lime
2640	2640	2640	15	OIL OR GAS BANDS OR ZONES
2650	2650	2650	10	"
2660	2660	2660	10	"
2670	2670	2670	10	Missing
2710	2730	2730	10	Lime
2720	2730	2730	10	Lime

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

PLEASE OR PERMIT TO REPRODUCE

SERIAL NUMBER

U. S. LAND OFFICE

