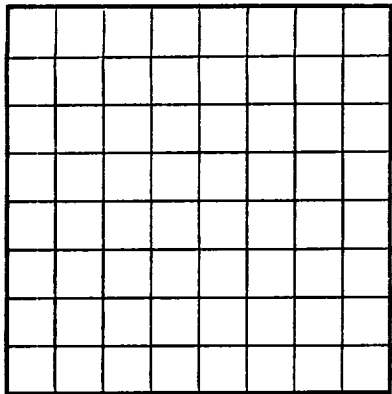




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GEOLOGICAL SURVEY
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Leo R. Manning et al Address Carlsbad, N. Mex.

Lessor or Tract McClay Lease 028978 Field Loco Hills State New Mexico

Well No. 2 Sec. 21 T. 18 R. 30 Meridian NMPM County Eddy

Location 2330 ft. {N} of N Line and 330 ft. {E} of E Line of Sec 21 Elevation 3490 ft

(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 Leo R. Manning Title Operator

Date Aug. 7, 1940

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

Commenced drilling June 11, 1940 Finished drilling July 31, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2695 to 2705 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 365 to 375 No. 3, from 3470 to 3480

No. 2, from 465 to 475 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—	
8"	557	11	Halliburton	50	not				

MUDDING AND CEMENTING RECORD					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	557	50	Halliburton		Mudded to Surface

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

TOOLS USED

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

Cable tools were used from 0 feet to 3500 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % 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

Truman Jacobs, Driller Dave Agnew, Driller

W. I. Owen, Driller J. D. Agnew, Driller

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	485	485	Sand & Red Rock
485	525	40	Red Rock & Lime Shells
525	540	15	Red Rock
540	557	17	Red Rock & Anhydrite
557	565	8	Anhydrite
565	935	370	Salt and Potash
935	950	15	Anhydrite
950	1205	255	Salt and Potash
1205	1240	35	Broken Anhydrite
1240	1380	140	Salt and Potash
1380	2085	695	Anhydrite
2085	2115	30	Anhydrite & Lime
2115	2145	30	Anhydrite
2145	2240	95	Lime
2240	2280	40	Lime & Anhydrite
2280	2330	50	Lime
2330	2410	80	Lime and Anhydrite
2410	2490	80	Lime
2490	2505	15	Anhydrite
2505	2680	175	Lime
2680	2725	45	RED SAND
2725	2750	25	Lime and Anhydrite
2750	3170	420	Lime
3170	3190	20	Sand Lime
3190	3211	21	Lime

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3211	3212	1	Dentonite
3219	3227	7	Line
3237	3237	18	Line, sandy
3293	3293	55	Sand
3425	3425	32	Line
3465	3465	40	Sand
3490	3490	25	Line
3490	3500	10	Sand

TOOLS USED

SHOOTING RECORD

REMARKS ON WORKING

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 "sidetracked" 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.

LOG OF OIL OR GAS WELL

BY GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

WASHINGTON

MAR 8 1917

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