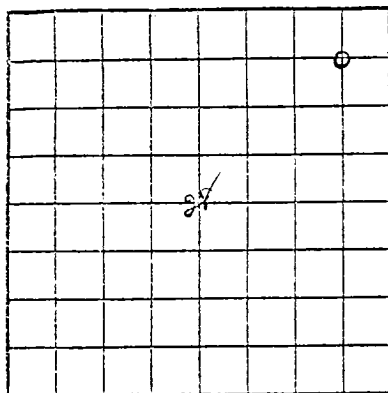


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062351LEASE OR PERMIT TO PROSPECT
Lucky Lakes Area

UNITED STATES I Sec. 2405

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Martin Yates, Jr. Address Box 397, Artesia, N. Mex.
 Lessor or Tract U. S. Mines Field Wildcat State New Mexico
 Well No. 1 Sec. 28 T. 15 R. 22 Meridian N.M.P.M. County Chaves
 Location 660 ft. {N.} of N. Line and 659 ft. {E.} of E. Line of Sec. 28 Elevation 3828'
(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 _____ Title Unit Operator

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

Commenced drilling August 10, 1948 Finished drilling October 26, 1948

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1739 to 1750 ^{'G'} No. 4, from _____ to _____
 No. 2, from 3365 to 3375 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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—	
8 5/8				1766'					Shot in Gas

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1766	200	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Size _____

SHOOTING RECORD

Size	Shell used	plolive used	Quantity	Date	D 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 3762 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

....., Driller , Driller

....., Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Caliche
15	145	130	Red Sandy shale
145	270	125	Red rock and gyp
270	845	575	Salt
845	920	75	Salt and Red bed
920	1002	82	Anhydrite
1002	1050	48	Sandy red bed
1050	1195	145	Broken anhydrite & red bed.
1195	1335	140	Anhydrite
1335	1535	200	Anhydrite
1535	1550	15	Sandy shale
1550	1570	20	Anhydrite
1570	1605	35	Anhydrite & shale
1605	1714	109	Anhydrite
1714	1727	13	Anhydrite & red shale
1727	1739	12	Anhydrite
1739	1750	11	Red sand
1750	1795	45	Anhydrite
1795	1830	35	Anhydrite & shale
1830	1860	30	Anhydrite
1860	1910	50	Anhydrite & red rock
1910	1927	17	Broken anhydrite
1927	1943	16	Sand
1943	1960	17	Sandy anhydrite
1960	1970	10	Anhydrite & red shale
1970	2000	30	Anhydrite & sand.

EXHIBITION RECORD - CONTINUED

16-43094-1

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
2000	2027	27	Sand
2027	2035	8	Anhydrite
2035	2070	35	Anhydrite & sand
2070	2080	10	Sand
2080	2125	45	Sandy anhydrite
2125	2170	45	Anhydrite
2170	2200	30	Broken anhydrite
2200	2215	15	Anhydrite
2215	2235	20	Lime
2235	2275	40	Broken lime and Anhydrite
2275	2325	Anhydrite & shale (50 feet)	
2325	2365	Broken anhydrite (40 feet)	
2365	2405	40	Anhydrite & shale
2405	2430	25	Grey lime
2430	2920	490	Lime
2920	2945	25	Dark lime
2945	3195	250	Lime
3195	3230	35	Brown lime
3230	3395	165	Lime (Show oil 3365-75)
3395	3495	100	Lime
3495	3510	15	Grey Lime
3510	3762	252	Lime
3762	Total Depth, S. I. M.		
Well plugged back to 1755', with 10' cement plug spotted from 3600' to 3610'. Also 17 sack cement plug from 1755' to 1803'.			