Form 9-330

LC 063925
30-015-03928

U. S. LAND OFFICE L. C.
SERIAL NUMBER 059424
LEASE OR PERMIT TO PROSPECT Mulcock

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
DEC 9 1940
Roswell, New Mexico

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. B. Mulcock Address Artesia, New Mexico
Lessor or Tract Mulcock Field Wildcat State New Mexico
Well No Ext # 1 Sec. 25 T. 16 R. 30 Meridian NMPM County Eddy
Location 660 ft. {N./S.} of S. Line and 660 ft. {E./W.} of W. Line of Section 25 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 J B Mulcock
Date December 6, 1940 Title Operator

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

Commenced drilling April 25, 1940 Finished drilling October 19, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2958 to 2960 - Gas No. 4, from to
No. 2, from 3011 to 3018 - Gas 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 From—	Perforated To—	Purpose
10"	40#	8		495'	Regular				
7" OD	20#	8	Wheeling	2430	Guide				
8"	32#	8		2400	Regular	2145			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	495'	50	Gibson		
7" OD	2430	50	Halliburton		
8"	2400		"		25 Sacks

PLUGS AND ADAPTERS

MARK

Heaving plug—Material _____ Length _____ In 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 3081 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 4,000,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1050

EMPLOYEES

Henry Sendorf, Driller T. W. Calhoun, Driller

J. R. Evarts, Driller J. W. Jones, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5	5	Sand
5	20	15	Caliche
20	175	155	Red Rock
175	280	105	Red Bed
280	325	45	Anhydrite
325	380	55	Anhydrite and Gyp
380	405	25	Anhydrite
405	415	10	Gray Shale
415	425	10	Gray sand
425	430	5	Red Bed
430	440	10	Gyp
440	490	50	Red rock
490	495	5	Anhydrite
495	505	10	Red rock
505	523	18	Salt - Run 495' of 10" casing in 50 sacks cement
523	1130	607	Salt
1130	1145	15	Salt and Polyhalite
1145	1165	20	Anhydrite and Gyp
1165	1315	150	Salt
1315	1350	35	Anhydrite
1350	1370	20	Broken red rock and shells
1370	1385	15	Anhydrite
1385	1395	10	Salt

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1395	1490	95	Anhydrite
1490	1550	60	Red rock
1550	1575	25	Red rock and Shells
1575	1595	20	Anhydrite
1595	1600	5	Red bed
1600	1690	90	Anhydrite
1690	1695	5	Red bed
1695	1700	5	Red rock
1700	1720	20	Anhydrite
1720	1725	5	Red rock
1725	2115	390	Anhydrite
2115	2125	10	Red Shale
2125	2155	30	Red rock
2155	2175	20	Red rock and shells
2175	2350	175	Anhydrite
2350	2381	31	Red sand
2381	2400	19	Anhydrite
2400	2416	16	Lime
2416	2430	14	Anhydrite
2430	2450	20	Brown lime
2450	2505	55	Anhydrite
2505	2515	10	Anhydrite and Blue Shale
2515	2525	10	Anhydrite and brown shale
2525	2535	10	Red rock
2535	2555	20	Anhydrite and brown shale
2555	2585	30	Anhydrite and red rock
2585	2625	40	Anhydrite and brown shale
2625	2630	5	White sand
2630	2640	10	Red rock
2640	2665	25	Anhydrite and brown sandy shale
2665	2700	35	Sandy brown shale
2700	2730	30	Anhydrite and brown shale
2730	2740	10	Brown shale
2740	2787	47	Bray lime
2787	2809	22	Anhydrite, sand and red rock
2809	2819	10	Sandy pink lime
2819	2892	73	Gray lime
2892	2900	8	Light gray lime
2900	2915	15	Pink sandy lime
2915	2933	18	Gray lime
2933	2945	12	Pink sandy lime
2945	2958	13	Gray lime - 2958 - Gas
2958	2981	23	Gray lime
2981	2989	8	Pink lime
2989	3001	2	White lime
3001	3011	10	Gray lime
3011	3018	7	Gas Sand
3018	3027	9	Brown lime and sandy shale
3027	3035	8	Pink shale
3035	3045	10	Red mud
3045	3068	23	Hard Gray lime
3068	3081	13	Hard white lime

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 6—6745

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.

8" Casing left in hole from 2145 to 2400