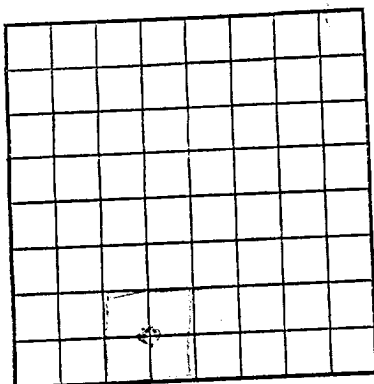


U. S. LAND OFFICE Las Cruces
 SERIAL NUMBER 029424 "B"
 LEASE OR PERMIT TO PROSPECT Etz



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

063925

LOCATE WELL CORRECTLY

Company J. B. Mulcock Address Artesia, New Mexico
 Lessor or Tract Etz Field Square Lake State New Mexico
 Well No. 2 Sec. 25 T. 16 R. 30 Meridian NMPM County Eddy
 Location 660 ft. N. of S. Line and 1980 ft. E. of W. Line of Sec. 25 Elevation 3798
 (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 Title operator
 Date October 16, 1942

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

Commenced drilling September 1, 1942 Finished drilling October 15, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2954 to 2956 g- No. 4, from _____ to _____
 No. 2, from 3000 to 3010 g- 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"	24#	8	Larkin	478	Larkin				
5 1/2"	20#	10	Larkin	2853					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used	
8"	478	50	Halliburton		2 tons	
5 1/2"	2853	100	Halliburton		2 tons mud -	
					5 sacks aquajel	

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	none					

TOOLS USED

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

Cable tools were used from _____ 0 _____ feet to _____ 3016 _____ feet, and from _____ feet to _____ feet

DATES

_____ October 16, _____, 19 42 _____ Put to producing _____, 19 _____

The production for the first 24 hours was _____ 0 _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 6000000 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____ Claude Edmond _____, Driller _____ M. E. Carroll _____, Driller

_____ G. L. Barnes _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	sand
15	60	45	calechi
60	295	235	Red xxxx beds
295	345	50	red sand
345	370	25	anhydrite
370	375	5	red shale
375	480	105	red beds
480	1375	895	salt
1375	1495	120	anhydrite
1495	1510	15	red rock
1510	1525	15	anhydrite
1525	1535	10	red rock
1535	1570	35	anhydrite and shale
1570	1595	25	anhydrite
1595	1635	40	red rock
1635	1690	55	anhydrite
1690	1710	20	red rock
1710	2328	618	anhydrite
2328	2345	17	red sand
2345	2352	7	anhydrite
2352	2365	13	red rock
2365	2730	65	anhydrite
2730	2740	10	lime
2740	2750	10	shale
2750	2954	10 204	lime
2954	2961	7	sand
2961	3000	39	open lime
3000	3010	10	sand
3010	3016	6	lime — total depth.