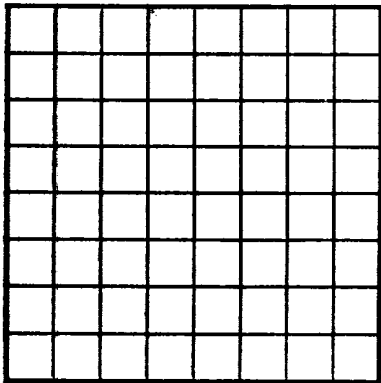


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 058697-B  
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

COPY

Company Johney Cockburn Address P.O. Box 115, Artesia, New Mexico  
Lessor or Tract Pearl Miller B Field Maljamar State New Mexico  
Well No. 15-B Sec. 30 T17S R.33E Meridian NMPM County Lea  
Location 1980 ft. (N.) of S Line and 660 ft. (E.) of W Line of Sec. 30 Elevation 4038'  
(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 Susie HeweyDate June 9, 1943Title Agent

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

Commenced drilling April 26, 1943 Finished drilling June 6, 1943

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4175' to 4184' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 4220' to 4223' No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4223' to 4264' No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 250' 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—	
7"	39.5	8	Pittsburg	3948'	Larkin				Oil string water shut off

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	3938'	200 sacks	Halliburton		Pumped 200 sacks
7"		350 sacks	"	Used on water shut off at top of salt.	

## 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
3 1/2"		Nitro-glycerin	20 qts	6-6-43	4220-4264'	To bottom

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 3950 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 3950 feet to 4264 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

June 9, 1943, 1943 Put to producing June 15, 1943

The production for the first 24 hours was 130 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

Dick Ross, Driller M.F. Willis, Driller  
B.R. Vaughn, Driller S.M. Watts, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Surface
30	256	226	Red bed
256	439	183	Sand and red rock (Water sand at 250')
439	820	381	Red rock and red bed
820	980	160	Red rock
980	1013	33	Red bed and shells
1013	1130	117	Red rock
1130	1283	153	Anhydrite
1283	1300	17	Broken anhydrite
1300	1734	434	Salt
1734	2034	300	Salt and shells
2034	2198	164	Salt
2198	2216	18	Anhydrite
2216	2256	40	Salt
2256	2330	74	Anhydrite and salt
2330	2392	62	Anhydrite
2392	2495	103	Anhydrite and shale
2495	2733	238	Anhydrite
2733	2947	214	Anhydrite and gypsum
2947	2999	52	Anhydrite and sandy lime
2999	3027	28	Anhydrite
3027	3277	250	Anhydrite and gypsum
3277	3352	75	Anhydrite
3352	3390	38	Lime
3390	3469	79	Anhydrite and lime

COPY

Continued

FROM-	TO-	TOTAL FEET	FORMATION
3469	3501	32	Lime
3501	3527	26	Lime and anhydrite
3527	3540	13	Lime
3540	3590	50	Anhydrite and lime
3590	3950	360	Lime (Total depth with rotary tools)
3950	3954	4	Broken lime
3954	3995	41	Gray lime
3995	4042	47	Brown lime
4042	4145	103	Gray lime
4145	4184	39	Broken lime
4184	4186	2	Hard gray lime
4186	4209	23	Broken sandy lime
4209	4220	11	Gray lime
4220	4223	3	Sandy lime (Show oil)
4223	4235	12	Sandy lime - soft
4235	4243	8	Sandy lime - firm
4243	4248	5	Gray lime
4248	4258	10	Sand
4258	4263	5	Gray lime
4263	4264	1	White lime
4264			Total Depth