

SERIAL NUMBER 050097-B

LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company	Johnny Cockburn		Address	Box 115, Artesia, New Mexico	
Lessor or Tract	Pearl Miller		Field	Maljamar State New Mexico	
Well No.	11-B	Sec. 30	T. 17	R. 33	Meridian NMPM County Lea
Location	660 ft. [N. 1/4] of S Line and 660 ft. [E. 1/4] of W Line of Sec. 30		Elevation 4039'		

(Consult Bear 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.

Date April 30, 1963 Title _____

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

Continued drilling February 15, 1943 Finished drilling April 21, 1943

OIL OR GAS SANDS OR ZONES

(Denote π by G)

No. 1, from	3947'	to	3955'	G	No. 4, from	4126'	to	4140'
No. 2, from	4075'	to	4085'	G	No. 5, from	4230'	to	4238'
No. 3, from	4085'	to	4100'		No. 6, from		to	

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size of plug	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 1/2"	2 1/2"	20 sacks	Ballston		
7"	1 1/2"	200 sacks	Ballston		Circulated with mud

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
Not necessary to shoot this well						

TOOLS USED

Rotary tools were used from 0 feet to 1915 feet, and from feet to feet
Cable tools were used from 3915 feet to 4246 feet, and from feet to feet

April 30, 1943 Put to producing April 26, 1943

The production for the first 24 hours was 120 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

B.R. Vaughn	Driller	1936	Dick Ross	Driller
Alton Henley	Driller	1936		Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	28	28	Caliche and gravel
28	223	195	Shale and shells
223	515	292	Red rock
515	533	18	Anhydrite
533	555	22	Shale and shells
555	600	45	Red rock
600	955	355	Shale and shells
955	995	40	Red rock
995	1045	50	Gypsum and shale
1045	1185	140	Anhydrite
1185	1198	13	Anhydrite broken
1198	1265	67	Anhydrite
1265	1302	37	Broken salt
1302	1321	19	Salt
1321	2110	789	Anhydrite and salt
2110	2155	45	Anhydrite
2155	2274	119	Salt
2274	2295	21	Anhydrite
2295	2405	110	Anhydrite and shale
2405	2426	21	Hard anhydrite
2426	2515	89	Anhydrite and shale
2515	2553	38	Anhydrite and gypsum
2553	2587	34	Anhydrite
2587	2695	108	Anhydrite and streaks of hard sand
2695	2766	71	Anhydrite
2766	2778	12	Sand

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
2802	2802	24	Anhydrite
2802	2801	9	Sandy lime
2801	2800	8	Anhydrite
2800	2799	12	Anhydrite and gypsum
2799	2798	38	Anhydrite and lime shells
2798	2797	27	Anhydrite and lime shells
2797	2796	65	Anhydrite
2796	2795	28	Anhydrite and lime
2795	2794	113	Anhydrite
2794	2793	30	Anhydrite and lime
2793	2792	31	Anhydrite
2792	2791	18	Anhydrite and shale
2791	2790	194	Anhydrite
2790	2789	29	Anhydrite lime
2789	2788	21	Lime
2788	2787	10	Anhydrite and lime
2787	2786	11	Lime
2786	2785	70	Anhydrite and lime
2785	2784	289	Lime - Total Depth with rotary tools
2784	2783	74	Lime
2783	2782	5	Brown lime
2782	2781	6	Grey lime, bentonite
2781	2780	7	Lime
2780	2779	7	Grey lime
2779	2778	23	Lime
2778	2777	7	Shale and lime shells
2777	2776	24	Grey lime
2776	2775	20	White lime
2775	2774	15	Brown lime
2774	2773	17	Lime, broken
2773	2772	3	Brown sandy lime
2772	2771	8	Grey lime
2771	2770	11	Lime
2770	2769	10	Grey lime
2769	2768	7	Brown lime
2768	2767	9	White lime
2767	2766	13	White lime
2766	2765	10	White lime
2765	2764	28	Brown lime

SHOOTING RECORD

Adapters—Material

Heating plug—Material

PLUGS AND ADAPTERS

LOGD - MARK