

DUPLICATE

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 628731A
LEASE OR PERMIT TO PROSPECT N. Dodd A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 22 1951
OIL CONSERVATION COMMISSION
HOBB'S-OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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Company Barnsdall Oil Company Address Tulsa, Oklahoma Box 2039
Lessor or Tract Mary Dodd Lease # Field Artesia State New Mexico
Well No. 5 Sec. 22 T. 17S R. 29E Meridian N.M.P.M. County Dddy
Location 660 ft. {N of E Line and 660 ft. {E of W Line of SE 4 22-17S-29E 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.

Date May 10, 1937 Signed _____ Title _____

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

Commenced drilling January 23, 1937 Finished drilling March 30, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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No. 1, from -----	to "G" 2335-----	No. 4, from "G" 2590-----	to ----- 2595
No. 2, from 2372-----	to 2390-----	No. 5, from 2625-----	to ----- 2635
No. 3, from 2540-----	to 2550-----	No. 6, from 2669-----	to ----- 2675
			2685----- 2688
			2700----- Hole full of oil

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 casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	299'	None			
8 5/8"	985'	150	Halliburton		
7" OD	2372'	100	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set

Adapters—Material None Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4" x 8"	Bakelite	SHG	320 cts.	3-31-37	2703'	2757
(4315)			2000 Cal	5-6-37	2703'	2757

TOOLS USED

Rotary tools were used from 10 feet to 2757 feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 2757 feet, and from _____ feet to _____ feet.

DATES

April 1, 1937, 19. Put to producing May 16, 1937

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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

EMPLOYEES	
F. M. Pennell	Driller
Pat Cormley	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Surface Sand & Red Rock
30	65	35	Gyp
65	70	5	Sand
70	100	32	Gyp
100	130	30	Broken Sand
130	155	25	Red Mud
155	165	10	Blue Shale
165	195	30	Red Rock
195	205	10	Gyp
205	245	40	Red Bed
245	255	10	Gyp
255	270	15	Red Bed
270	310	40	Broken Anhydrite
310	685	375	Salt
685	710	25	Anhydrite
710	750	40	Broken Anhydrite
750	845	95	Anhydrite
845	875	30	Broken Anhydrite
875	880	5	Shale
880	905	25	Red Rock
905	935	30	Broken Salt
935	985	50	Broken Anhydrite
985	1040	55	Anhydrite
1040	1045	5	Blue Shale
1045	1065	20	Anhydrite
1065	1095	30	Broken

(OVER)

(OVER)
 FORMATION RECORD—Continued

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