

COPY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT 030180-
Farnsworth "B" B

15 JUL 1972
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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Company Stanolind Oil and Gas Co. Address Box "F", Hobbs, New Mexico

Company _____
Lessor or Tract Farnsworth "B" Field Eaves State New Mexico

Well No. 4 Sec. 18 T. 26S R. 37E Meridian NMPM County Lea

Well No. _____ Sec. _____ T. _____ R. _____
 Location 1980 ft. ^{N.}₃₃ of S. Line and 1980 ft. ^{E.}_{W.} of E. Line of Section _____ Elevation 2964
 (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.

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Signed Ralph L. Hendrickson

Date January 16, 1942 Title Field Superintendent

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

Commenced drilling 11-29, 1941 Finished drilling December 16, 1941

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	56'8"	50	Halliburton Plug		
8-5/8"	1202'3"	350	Halliburton Plug		

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

TOOLS USED

Rotary tools were used from Surface feet to 3245 TD feet, and from _____ feet to _____ feet.

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

DATES

Put to producing None, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in.

EMPLOYEES

_____, Driller _____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	503	503	Red Beds, Sand & Clay
503	556	53	Shale & Red Beds
556	997	441	Red beds & sand with Streaks of Gypsum
997	1108	111	Red Beds and Anhydrite
1108	1360	252	Anhydrite
1360	1455	95	Salt and Anhydrite, Shells & Streaks
			Red Beds
1455	2803	1348	Anhydrite, Potash w/Streaks of Salt & Gypsum
2803	2846	43	Anhydrite & Gypsum
2846	2999	153	Lime (Odor Gas at 2846)
2999	3015	16	Sandy Lime
3015	3035	20	Shale and Lime
3035	3104	69	Lime
3104	3130	26	Lime with Streaks of Sand & Shale (Gas Odor)
3130	3192	62	Lime & Sand (Odor Oil from 3160-65 gas odor 3170-80)
3192	3216	24	Gray & Brown Lime (Gas stained)
3216	3245 TD	29	Lime & Sand Streaks (Gas Odor 3240')

FORMATION RECORD—CONTINUED

FORMATION

[illegible]

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, 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 balling.

HISTORY OF OIL OR GAS WELL

7-6094-91

U. S. GOVERNMENT PRINTING OFFICE

Sulphur water was encountered in the subject well after reaching a depth of 3245'. In the reef lime - the top of which was logged at 3242'. Three drill stem tests taken at various intervals preceding this depth indicated no oil or gas. A drill stem test was then made from 3176' to TD showing 12 to 15 BWP with a trace of oil. A 10' cement plug was set in the bottom endeavoring to shut off the water. A drill stem test taken 12/21/41 showed 10 BWP with 2% oil (by centrifuge test) indicating that the water was not shut off. The cement plug was then drilled out to original TD 3245' and a Halliburton Formation Cement Retainer was set at 3232' and the formation squeezed with 25 sax at 800# pressure, plunging back to 3217'. A drill stem test was made on 12/30/41 to test the section between 3273 and TD (3217) with 3/8" choke open one hour. This test showed no oil, no water, trace of gas and 95' of drilling fluid in drill pipe. Completed as dry hole on 12/30/41 - plugged and abandoned on 1/3/42.