

RO-748

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 054668

LEASE OR PERMIT TO PROSPECT
FarnsworthUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company R. Olsen Address Drawer E, Jal, New Mexico
Lessor or Tract Farnsworth Field Langlie-Mattix State New Mexico
Well No. 3 Sec. 4 T. 26 R. 37 Meridian N.M.P.M. County Lea
Location 2310 ft. N. of N. Line and 990 ft. E. of E. Line of Sec. 4 Elevation 2999.60
(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

Date February 8, 1955Title Superintendent

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

Commenced drilling January 12, 1955 Finished drilling January 30, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3190 to _____ No. 4, from _____ to _____
No. 2, from 2690 to 2895 No. 5, from _____ to _____
No. 3, from 3190 to 3229 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—	
9-5/8	36#	8V	J&L	291'	HOWCO				Surface casing
7"	17#20	8V	J&L	3139'	HOWCO				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	299'	200	HOWCO		
7"	3147'	200 at shoe	HOWCO		
		100 at 2-stage set at 1080'			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set 299'
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
and frac	10,000 gal, 10,000# sand	from 3150 to 3229'		2/1/55		

TOOLS USED

Rotary tools were used from 0 feet to 3229 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Feb. 1, 1955

The production for the first 24 hours was 80 barrels of fluid of which 100% 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

W. E. Gordon, Driller B. H. Gaston, Driller
Floyd Eaton, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
DRILLER'S LOG			
(As taken from Daily Drilling Reports of the Drillers)			
0	154	154	Sand and Caliche
154	300	146	Red Bed and Shells up OK
			Ran 300' 9-5/8" Cemented plug. Pressured
300	685	385	Red Bed
685	1024	339	Red Bed and Shells
1024	1340	316	Red Bed and shale
1340	1480	140	Salt - Anhydrite
1480	1621	141	Anhydrite and salt streaks
1621	2090	469	Salt and Anhydrite
2090	2400	310	Anhydrite and salt streaks
2400	2463	63	Anhydrite-Salt
2463	2541	78	Anhydrite
2541	2572	31	Anhydrite-Lime broken
2572	2610	38	Anhydrite-Lime
2610	2642	32	Lime-Anhydrite
2642	2743	101	Anhydrite-Lime
2743	2791	48	Anhydrite
2791	2818	27	Anhydrite-Lime

cont'd.

FORMATION RECORD—Continued

Continued 9:23

HISTORY OF OIL OR GAS WELL

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, size, 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 bailing.