

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 054453
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Western Natural Gas Company Address 823 Midland Tower, Midland, Texas
Lessor or Tract J. H. Duthie Field Langlie-Mattix State New Mexico
Well No. 3 Sec. 18 T. 23S R. 37E Meridian NMPM County Lea
Location 1980 ft. N. of S Line and 660 ft. E. of E Line of Sec. 18 Elevation 3331 D.F.
(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 C. H. Carr

Date July 29, 1954 Title Division Engineer

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

Commenced drilling July 7, 1954 Finished drilling July 26, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2728 to 3432 G No. 4, from _____ to _____
No. 2, from 3432 to 3645 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
12 3/4	33.38	8		25	None	None			Conductor
8 5/8	24.7	8		1172	Float	None			Salt String
5 1/2	14	8		3420	Float	None	2722	3172	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 3/4	35	25	Hand	9.2	
8 5/8	1186	400	Halliburton	9.2	
5 1/2	3430	700	Halliburton	12.00	

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 _____ feet to 3645 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 26, 1954

The production for the first 24 hours was 151 barrels of fluid of which 98 % was oil; _____ % emulsion; 2 % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

FOLD MARK

LOCATE WELL CORRECTLY

[illegible]

Set 8 5/8" casing to 1188'; Set 5 1/2" casing to 3630'.
Drilled out with 7 3/4" bit to 3655'; ran western
formation log; surface to T.D. perforated later and
Seven Rivers for gas as follows; 3100-72

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 "spacked" or left in the well, give its size and location. If the well has been canted, give date, position, and results of pumping or bailing or shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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HISTORY OF OIL OR GAS WELL
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