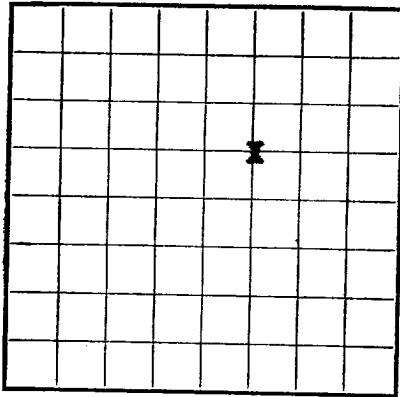


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 055546
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address P. O. Box 1384, Jal., New Mexico
Lessor or Tract Wells Federal Field Jalmat State New Mexico
Well No. 2 Sec. 4 T. 25S R. 37E Meridian NMPM County Lea
Location 1980 ft. N of N Line and 1980 ft. E of E Line of Section 4 Elevation 3203
(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 May 24, 1956

Larry C. Zink

Division Geologist

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

Commenced drilling May 2, 1956 Finished drilling May 22, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 2958 to 2978 No. 4, from G 3086 to 3094
No. 2, from G 2984 to 3002 No. 5, from _____ to _____
No. 3, from G 3050 to 3076 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—	
8-5/8	28		H-40	1115	Guide shoe & float collar				Surface
5-1/2	14.5		H-40	2147			2950	3094	Production
							2958	2978	
2 3/4	4.7		JOS5	3096			2984	3002	STIMULATING SERVICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1115	500	Halliburton		
5-1/2	3147	750	Halliburton		

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 0 feet to 3148 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 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 37,000 MCF Absolute Open Flow Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 730

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1100	1408	308	Rustler - tan-white anhydrite
1408	2641	1233	Salado - salt, tr g ss
2641	2815	174	Tansill - anhydrite, f-mxn, d, br dolomite
2815	3100	285	Yates - anhydrite, br dolomite, g sandstone
3100	3148 (TD)	48	7 Rivers - br fmn dolomite

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCALITY WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are thin and black, set against a white background. There are no markings or text on the page.

Commenced drilling _____, 19____
Finished drilling _____, 19____
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(D) (P)

to	No. 4 from 2	2007	to	No. 4 from 1	2007
to	No. 5 from	2008	to	No. 5 from	2008
to	No. 6 from	2009	to	No. 6 from	2009

IMPORTANT WATER SANDS

Sand flow through perforations @ 1070 - 1075 and 1086 - 1094 with 30,000 gal oil,
 1# ss per gallon, broke @ 1800, treated @ 2300, injection rate 47.5 pbl/min.
 Sand flow through perforations @ 2958 - 2978 and 2987 - 3002 with 30,000 gal oil,
 1# ss per gallon, broke @ 1700, treated @ 2300 - 2700, injection rate 49.3 pbl/min.

[illegible]

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

[illegible]

DATE

11 gas well and 11 per 24 hours Gallons gasoline per 1,000 cu. ft. of gas Gravity, °Bé. % water; and % sediment The production for the first 24 hours was	Put to producing barrels of fluid of which % was oil; %
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EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

[illegible]