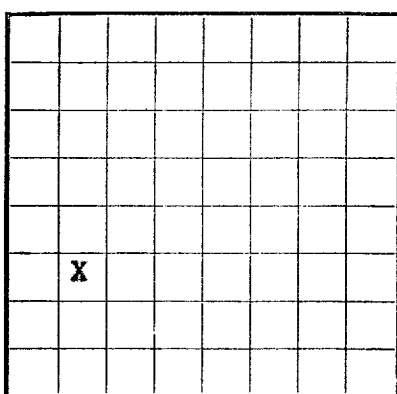


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078147
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Moore Field Blanco State New Mexico
Well No. 3 Sec. 13 T. 32N R. 12W Meridian NMPM County San Juan
Location 1800 ft. (N) of S Line and 1090 ft. (E) of W Line of Section 13 Elevation 6372'
(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 D. S. EllsworthDate April 7, 1955 Title Petroleum Engineer

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

Commenced drilling February 24, 19 55 Finished drilling March 12, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2883 to 2988 (G) No. 4, from 5203 to 5340
No. 2, from 4686 to 4840 (G) No. 5, from _____ to _____
No. 3, from 4840 to 5203 (G) 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	25.4	8 V.	Armco	162'	Howco			Surface
7	23	8 RD	Armco	1022'	Howco			Prod. Log.
2	4.7	8 RD	Youngstown	2315'	Oil or Gas Well			Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	172'	125	Circulated		
7	5155'	500	Single Stage		

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
			See Well History.			

TOOLS USED

Gas Drilled

Rotary tools were used from 0 feet to 5155 feet, and from 5155 feet to 5390 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 14, 19 55 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 2,953,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1077

EMPLOYEES

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

FORMATION RECORD

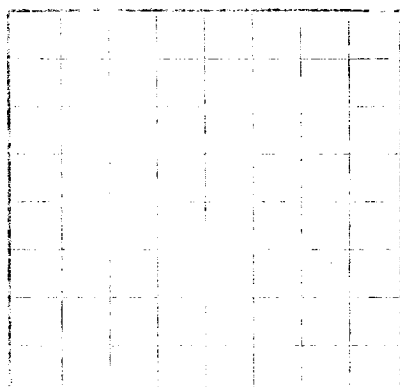
FROM—	TO—	TOTAL FEET	FORMATION
0	241	241	Tan cr-grn ss w/thin sh breaks.
241	1240	999	Variegated sh w/thin ss breaks.
1240	1785	545	Tan to gry cr-grn ss interbedded w/gry sh.
1785	1818	33	Ojo Alamo ss. White cr-grn ss.
1818	2405	587	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2405	2883	478	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2883	2988	105	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2988	4686	1798	Lewis form. Gry to white dense sh w/silty to shaly ss breaks.
4686	4840	154	Cliff House ss. Gry, fine-grn, dense sil ss.
4840	5203	363	Menafee form. Gry, fine-grn s, carb sh & coal.
5203	5340	137	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5340	5390 T.D.	50	Mancos formation. Gry carb sh.

[OVER]

16-48094-3

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Address _____
State _____
County _____
Section _____ Township _____ Range _____
Location _____
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 _____
Title _____

The number _____ on this page is for the location of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

Not from _____ to _____
Not from _____ to _____
Not from _____ to _____

IMPORTANT WATER SANDS

Not from _____ to _____

March 13, 1959, Total Depth 5390'.
with 13,600 gallons diesel oil and 15,100 gal. gasoline.
Maximum pressure 1200 psi, Injection rate 10.2 bbls./min. Flush 2200 gallons.
Neutral Gage 302 MCF/D.

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 balling.

HISTORY OF OIL OR GAS WELL

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