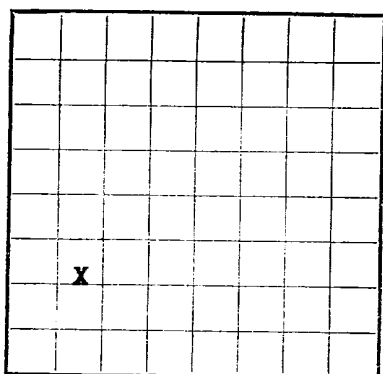




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080430
LEASE OR PERMIT TO PROSPECT _____
14-08-001-1051

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 San Juan 28-6 Unit Field Blanco State New Mexico
 Well No. 50 Sec. 19 T. 28N R. 6E Meridian NMPM County Rio Arriba
 Location 1510 ft. N of S Line and 1135 ft. E of W Line of Section 19 Elevation 6618
xxx xxx (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.

990 3m

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

Commenced drilling ----- **March 16**, 19 **56** Finished drilling ----- **April 6** 19 **56**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3365 to 3446 (G) No. 4, from 5543 to 5692 (G)
No. 2, from 5010 to 5211 (G) No. 5, from to
No. 3, from 5211 to 5543 (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#	P.E.	S.W.	162	Howco				Surface	
9 1/2" 24#	8 RD	J-55	255	Baker				Intermediate	
5 1/2" 15.50#	8 RD	J-55	571.5	Baker				Prod. Csg.	
2 1/2" 4.7#	8 RD	J-55	565					Prod. Tub.	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	175'	150	Circulated		
7"	3465'	250	Single Stage		
5 1/2"	5727'	300	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

Rotary tools were used from 0 feet to 3465 feet, and from 3465 feet to 5727 feet.

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

DATES

----- April 12, 1956 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 7,334,000 ^{A.O.F.} Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1,040 ----- 4581 MCF (3m)

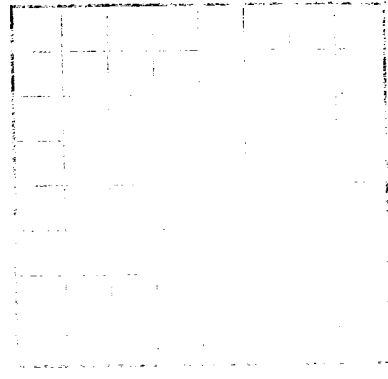
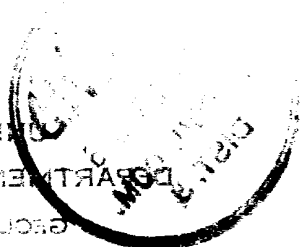
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2423	2423	Tan to gry cr-grn ss interbedded w/gry sh.
2423	2677	254	Ojo Alamo ss. White cr-grn ss.
2677	3126	449	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3126	3365	239	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3365	3446	81	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3446	5010	1564	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5010	5211	201	Cliff House ss. Gry, fine-grn, dense sil ss.
5211	5543	332	Menefee form. Gry, fine-grn s, carb sh & coal.
5543	5692	149	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5692	5727	35	Mancos formation. Gry carb sh.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



HISTORY OF OIL OR GAS WELL

The information given in this report is based on the records of the well and all other available records. The information is given in detail in the following sections:

1. General description of the well and its location.

2. Description of the formation and its characteristics.

3. Description of the well and its location.

4. Description of the well and its location.

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OIL OR GAS SANDS OR NONES

Cleanout depth 5680'.
Maximum pressure 1950#. Average pressure 1900#. Injection rate 50.5 bbls./min.
Fractured with 59,000 gallons water and 60,000# sand. Flushed with 5200 gallons.
Set B.P. at 9100'. Perforated upper 5008-5022, 5068-5083.
Injection rate 43.3/4 bbls./min. Maximum pressure 3300#, average pressure 2300#.
Fractured with 30,000 gallons water and 38,000# sand. Flushed with 4500 gallons.
Set B.P. at 9240'. Perforated 5124-5140, 5178-5190. Frac-

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 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.
4-9-56 Point Lookout cleanout to 9680'. Perforated 5560-5572, 5597-5614.
5641-5655. Fractured with 59,000 gallons water and 60,000# sand. Flushed with 5700 gallons. Injection rate 56.5 bbls./min. Maximum pressure 3250#, BDP 1500#.
Average pressure 1800#.

HISTORY OF OIL OR GAS WELL

FROM-		TO-		TOTAL FEET		FORMATION	