

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 078417-A

LEASE OR PERMIT TO PROSPECT
14-08-001-450

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blanco State New Mexico
Well No. 54 Sec. 22 T. 28N R. 7W Meridian NMPN County Rio Arriba
Location 800 ft. [N.] of S Line and 1340 ft. [E.] of W Line of Section 22 Elevation 6793'

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 August 30, 1956

Title **Petroleum Engineer**

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

Commenced drilling 7-10-56, 1956 Finished drilling 7-23-56, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3449 to 3520 (G) No. 4, from 5639 to 5822 (G)
 No. 2, from 5033 to 5229 (G) No. 5, from _____ to _____
 No. 3, from 5229 to 5639 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
10 3/4"	32.75	P.E.	8.W.	161'	Howco				Surface
7 5/8"	28.1	8 AD	J-35	533'	Baker				Intermediate
5 1/2"	15.5	8 AD	J-35	533'	Baker				Prod. Log.
2"	4.7	8 AD	J-35	533'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	172'	125	Circulated		
7 5/8"	354.5'	250	Single stage		
5 1/2"	594.0'	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 3545 feet, and from 3545 feet to 5945 feet. Gas Drilled

Cable tools were used from 0 feet to 3545 feet, and from 3545 feet to 5945 feet.

DATES

-----7-29-56-----, 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 1,938,000 A.O.F. - 9,269 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1088

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2632	2632	Tan to gry cr-grn ss interbedded w/gry sh.
2632	2744	112	Ojo Alamo ss. white cr-grn s.
2744	3220	476	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3220	3449	229	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3449	3520	71	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3520	5083	1563	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5083	5229	146	Cliff House ss. Gry, fine-grn, dense sil ss.
5229	5639	410	Manefee form. Gry, fine-grn, s, carb sh & coal.
5639	5822	183	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5822	5945	123	Mancos formation. Gry carb sh.

B. & R. SERVICE COMPANY

TEMPERATURE SURVEY

COMPANY EL PASO NATURAL GAS COMPANY
 WELL SAN JUAN 28-7 UNIT 54 FIELD
 COUNTY RIO ARriba STATE NEW MEXICO
 SEC. 22 TWP. 28N RGE. 7W

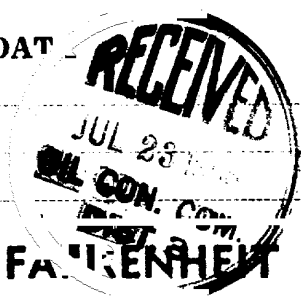
APPROX. TOP CEMENT 2940'

Survey Begins at 2500 Ft. Ends at 3461 Ft.
 Approx. Fill-Up 45% Max. Temp. 104° @ 3461
 Log Measured From ROTARY TABLE Run No. 1

Casing Size	Casing Depth	Diam of Hole	Depth
7 $\frac{5}{8}$ " from	to 3545	9 $\frac{7}{8}$ " from	to
from	to	from	to

Date of Cementing JULY 17, 1956 Time 8:45 A.M.
 Date of Survey JULY 17, 1956 Time 7:30 P.M.
 Amount of Cement 50 SACKS Type NEAT
 Amount of Admix 200 SACKS 50% POZ-MIX Type 4" GEL
 Recorded by BEAN Witnessed by McCLA

REMARKS OR OTHER DATA



TEMPERATURE IN DEGREES FAHRENHEIT

