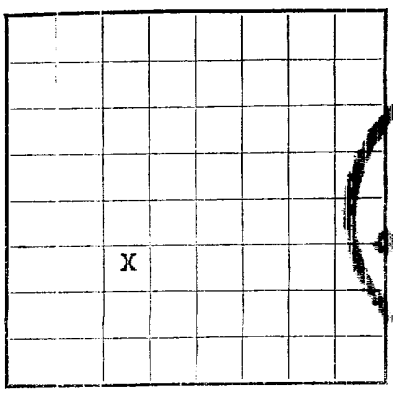
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079298-B
LEASE OR PERMIT TO PROSPECT 14-08-001-459



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JUL 30 1956 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

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. 63 Sec. 12 T. 27N R. 7W Meridian NMPM County Rio Arriba
Location 1845 ft. [N.] of S. Line and 1650 ft. [E.] of W. Line of Section 12 Elevation 6612'
(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 S. J. Boyd
Date July 26, 1956 Title Petroleum Engineer

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

Commenced drilling June 13, 1956 Finished drilling June 26, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3205 to 3272 (G) No. 4, from 5400 to 5572 (G)
No. 2, from 4896 to 4989 (G) No. 5, from to
No. 3, from 4989 to 5400 (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 From—	Perforated To—	Purpose
10 3/4"	32.75#	P.E.	S.W.	162'	Howco				Surface
7 5/8"	26.4#	8 RD	J-55	3328'	Baker				Intermediate
5 1/2"	15.50#	8 RD	J-55	5653'	Baker				Prod.Csg.
2"	4.7#	8 RD	J-55	5569'					Prod.Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	174'	125	Circulated		
7 5/8"	3340'	250	Single Stage		
5 1/2"	5664'	300	Single Stage		

FOLD MARK

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 3340 feet, and from 3340 feet to 5664 feet Gas Drilled
Cable tools were used from feet to feet, and from feet to feet

DATES

7-5-56, 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 4,806,000 A.O.F. - 9506 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1054

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2510	2510	Tan to gry cr-grn ss interbedded w/gry sh.
2510	2567	57	Ojo Alamo ss. White cr-grn s.
2567	2978	411	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2978	3205	227	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3205	3272	67	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3272	4896	1624	Lewis formation. Gry to white dense sh w/silty to sahly ss breaks.
4896	4989	93	Cliff House ss. Gry, fine-grn, dense sil ss.
4989	5400	411	Menefee form. Gry, fine-grn s, carb sh & coal.
5400	5572	172	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5572	5664	92	Mancos formation. Gry carb sh.

16—43094-4

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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 bailing.

6-30-56 T.D. 5664', Cleanout Depth 5614'. Perforated Lower Point Lookout intervals 5500-10, 5520-30 & 5555-70 with 4 welex SPF. Water fractured perforations with 56,200 gallons water and 50,000# sand. BDP 1700#, maximum treating pressure 1500#. Average treating pressure 1300#, Injection rate 54 BPM. Flush 6000 gallons water.

6-30-56 Total Depth 5664'. Temporary Bridge plug at 5460'. Perforated Upper Point Lookout intervals 5400-10 & 5420-32 with 4 welex SPF. Water fractured perforations with 49,600 gallons water and 39,000# sand. BDP 2000#, maximum treating pressure 3500#. Average treating pressure 2300#. Injection rate 58. bbls./min. Flush none.

7-2-56 Total Depth 5664'. Temporary Bridge Plug at 5370'. Perforated Cliff House intervals 4894-4906, 4918-4928, 4940-50, 4964-72, 4978-88 with 4 welex SPF. Water fractured Perforations with 51,813 gallons water and 60,000# sand. BDP 1900#, maximum treating pressure 2250#. Average treating pressure 1800#. Injection rate 48.0 BPM. Flush 4988 gallons water.

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