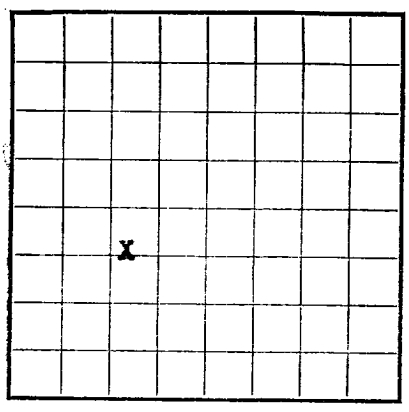
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. Land Office New Mexico
Serial Number 03566
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico

Lessor or Tract Stewart Field Blanco State New Mexico

Well No. 4 Sec. 28 T. 30N R. 10W Meridian NMPM County San Juan

Location 1485 ft. {N. / S.} of S Line and 1460 ft. {E. / W.} of W Line of Section 28 Elevation 6227
(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 Ewell Wellborn

Date April 20, 1956 Title Petroleum Engineer

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

Commenced drilling February 27 56, 19 Finished drilling March 11 56, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2690 to 2778 (G) No. 4, from 4930 to 5083 (G)

No. 2, from 4388 to 4476 (G) No. 5, from to

No. 3, from 4476 to 4930 (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
9 5/8"	25.4#	8 RD	S.W.	163'	Baker				Surface
7"	20#	8 RD	J-55	2835'	Baker				Intermediate
5 1/2"	15.5#	8 RD	J-55	5158'	Baker				Production
2"	4.7#	8 RD	J-55	2848'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	177'	125	Circulated		
7"	2845'	250	Single Stage		
5 1/2"	5158'	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 2848 feet, and from Gas Drilled feet to 5158 feet

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

DATES

March 20, 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 Absolute open flow 4,594,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1066 MCF (3 hr)

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	375	375	Tan cr-grn ss w/thin sh breaks.
375	510	135	Variegated sh w/thin ss breaks.
510	1382	872	Tan to gry cr-grn ss interbedded w/gry sh.
1382	1515	133	Ojo Alamo ss. White cr-grn s.
1515	2390	875	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2390	2690	300	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2690	2778	88	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2778	4388	1610	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4388	4476	88	Cliff House ss. Gry, fine-grn, dense sil ss.
4476	4930	454	Menefee form. Gry, fine-grn s, carb sh & coal.
4930	5083	153	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5083	5158	75	Mancos formation. Gry carb sh.

FROM— TO— TOTAL FEET [OVER] FORMATION 16—43094-8

FORMATION RECORD—Continued

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

[OVER] 16—43094-2

HISTORY OF OIL OR GAS WELL

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

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.

3-14-56 Point Lookout T.D. 5150'. Perf. intervals 4952-4976, 5013-5022, 5030-5040, 5064-5073. Fractured with 70,112 gallons water and 63,000# sand. BDP 1650#, maximum pressure 3500#, Treating pressure 2550#, Injection rate 39.9 bbls./min. Flush none, no gauge.

3-17-56 Menefee T.D. 5150'. P.B.T.D. 4850'. Perforated 4716-4736, 4800-4814, fractured with 53,970 gallons water and 48,800# sand. BDP 2100#, maximum pressure 2200#, Average treating pressure 2100#, Injection rate 44.6 bbls./min. Flush 4850 gallons. Natural gage 885 MCF/D.