Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 013706
LEASE OR PERMIT TO PROSPECT

RECEIVED
SEP 4 1962
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract McElvain Field Blanco Mesa Verde State New Mexico
Well No. 2 Sec. 22 T. 30N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 960 ft. [N.] of S Line and 1000 ft. [E.] of W Line of Section 22 Elevation 6645 (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 Original Signed D. W. Meehan

Date August 28, 1962 Title Petroleum Engineer

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

Commenced drilling 7-13, 1954 Finished drilling 8-5, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3565 to 3644 (G) No. 4, from 5765 to 5865 (G)
No. 2, from 5338 to 5425 (G) No. 5, from to
No. 3, from 5425 to 5765 (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	[illegible]	175'	Armco				Surface
7"	23	8 rd	Spang	5305	Baker				Prod. casing
7"	20	8 rd	Spang	15					
4 1/2"	10.5	8 rd	J-55	5901	Baker				Prod. casing
2 3/8"	4.7	8 rd	J-55	5849	Pro				Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	184	125	circulated		
7"	5310	500	single stage		
4 1/2"	5911	160	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 5310 feet, and from 5310 Gas Drilled 5930 feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Re-Completed 7-30, 1962 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 3,621,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. S.I.P.C. 832; S.I.P.T. 828

EMPLOYEES

A.O.F. 7021 MCF/D

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2473	2473	Tan to gry cr-grn ss interbedded w/gry sh.
2473	2676	203	Ojo Alamo ss. White cr-grn s.
2676	3262	586	Kirtland form. Gry sh interbedded w/tight gry f fine-grn ss.
3262	3565	303	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3565	3644	79	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
3644	5338	1694	Lewis form. Gry, fine-grn, dense sil ss.
5338	5425	87	Cliff House ss. Gry, fine-grn, dense sil ss.
5425	5765	340	Menefee form. Gry, fine-grn s, carb sh & coal.
5765	5865	100	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5865	5930	65	Mancos form. Gry carb sh.

FOLD | MARK

[OVER]

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

7-28-62:
Perforated 5862-68;5838-44;5774-80;(2 SPF) 5410-22 (1 SPF); 5382-88(2 SPF); Frac w/79,000 gallons water, 84,000# sand. Flush 5000 gallons water. I.R. 63 BPM. Max pr 1800#, BDP 1800#, tr pr 1400#.

8-4-54, T.D. 5445', interval treated 5310-5445;. Set Baker retainer at 5220' and treated Cliff House formation with 10,000 gallons #2 diesel oil and 6200# sand. Breakdown pressure 1000#, max pr 3000#. I R 6 BPM. Flushed w/1700 gallons oil. Natural gage 90 MCF. Gage 10 hours after treatment 1070 MCF.

8-7-54 T.D. 5930', interval treated 5650-5930'. Set Baker retainer at 5650' and treated Point Lookout w/14,000 gallons #2 diesel oil and 12,300# sand. Breakdown pressure 900#, maximum pressure 1100#. Injection rate 336 gallons per minute. Flushed w/3000 gallons oil. Natural gage (P.L.) 921 MCF. Gage 12 hours after treatment (C.H. & P.L.) 3000 MCF est.

FOCUS WELL CORRECTLY

LOG OF OIL OR GAS WELL

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