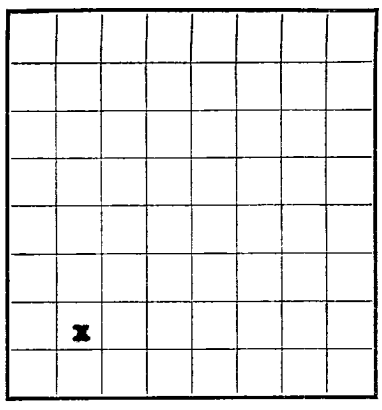
Form 9-330



LOCATE WELL CORRECTLY

RECEIVED MAR 17 1958 OIL CON. COM. DIST. 3

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03195
LEASE OR PERMIT TO PROSPECT

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 Sumray Field Blanco-Aztec P.C. Ext. State New Mexico

Well No. 1-J(PM) Sec. 7 T. 30N R. 10W Meridian N.M.P.M. County San Juan

Location 1090 ft. [N.] of S Line and 990 ft. [E.] of W Line of Sec. 7 Elevation 6147'
(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. C. Johnston

Date March 11, 1958 Title Petroleum Engineer

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

Commenced drilling 1-19, 1958 Finished drilling 1-31, 1958

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2682 to 2806 (G) No. 4, from 4940 to 5145 (G)

No. 2, from 4305 to 4480 (G) No. 5, from to

No. 3, from 4480 to 4940 (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.	161'	Homco				Surface
7 5/8"	26.40	8 Rd.	J-55	4598'	Baker				Prod. csg.
5 1/2"	15.50	8 Rd.	J-55	785'	Baker				Prod. liner
2"	4.7	8 Rd.	J-55	5136'					Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	2732'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	172'	150	circulated		
7 5/8"	4545'	300	single stage		
5 1/2"	4488-5213'	150	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 4548 feet, and from 4548 feet to 5218 feet (Gas Drilled)

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

DATES

2-8, 1958 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 P.C. 1,396,000 M.V. 4,399,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 932 ACF-- P.C. 1432 M.V. 8358 MCF/D

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1291	1291	Tan to gry cr-grn ss interbedded w/gry sh.
1291	1399	108	Ojo Alamo ss. White cr-grn s.
1399	2368	969	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2368	2682	314	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2682	2806	124	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft. ss.
2806	4305	1499	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4305	4480	175	Cliff House ss. Gry, fine-grn, dense sil ss.
4480	4940	460	Menefee form. Gry, fine-grn s, carb sh & coal.
4940	5145	205	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5145	5218	73	Mancos formation. Gry carb sh.

16—43094-4

FORMATION RECORD—Continued

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.

2-3-58 TD 5218'. CODD 5120'. Water frac. M.V. perf. int. 4968-4970, 4978-4984, 5000-5006, 5010-5014, 5020-5028, 5040-5048, 5058-5066, 5086-5094 w/60,000 gal. water & 60,000# sand. MIP 600#, max. pr. 2200#, avg. tr. pr. 1550#. I.R. 78.8 BPM. Flush 5660 gal. Dropped 4 sets of 20 balls each. Temp. BP @ 4900'. Water frac. P.C. perf. int. 2688-2700, 2718-2740 w/40,000 gal. water & 40,000# sand. MIP 1800#, max. pr. 2225#, avg. tr. pr. 1625#. I.R. 75.6 BPM. Flush 5460 gal. Dropped 3 sets of 20 balls each.

DIST. 3
OIL CON. COM.
MAR 13 1958
RECEIVED