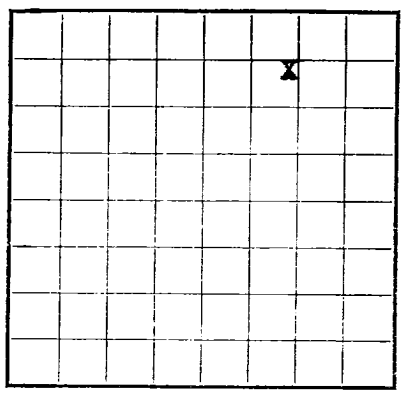
Form 9-330

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

U. S. Land Office Santa Fe
Serial Number 077107
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address Box 997, Farmington, New Mexico
Lessor or Tract Michener Field Aztec P.C. Ext. State New Mexico
Well No. 1-A Sec. 33 T. 28N R. 9W Meridian N.M.P.M. County San Juan
Location 990 ft. [N.] of N Line and 1650 ft. [E.] of W Line of Section 33 Elevation 6853
(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 July 15, 1957 Title Petroleum Engineer

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

Commenced drilling 5-8, 1952 Finished drilling 7-26, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2968 to 3040 (G) No. 4, from 5200 to 5350 (G)
No. 2, from 4558 to 4667 (G) No. 5, from to
No. 3, from 4667 to 5200 (G) No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

RECEIVED OIL CON. COM. DIST. 3

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"	36	8 Rd.	Natl.	118	Howco				surface
7"	20	8 Rd.	Spang	1213					
7"	23	8 Rd.	Spang	172					
7"	20	8 Rd.	Spang	3119	Howco				Prod.csg.
5-1/2"	15.5	Welded	Spang	656	Brown				Liner
1-1/4"	2.3	8 Rd.	Grade "B"	2974					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"	128	125	circulated		
7"	4516	300	single stage		
5-1/2"	4393-5049	50	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

Gas Drilled

Rotary tools were used from 0 feet to 4516 feet, and from 4516 feet to 5400 feet
Cable tools were used from feet to feet, and from feet to feet

DATES

5-31, 1957 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 3,170,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 722 A.O.F. = 3579 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2034	2034	Tan to gry cr-grn ss interbedded w/gry sh.
2034	2060	26	Ojo Alamo ss. White cr-grn s.
2060	2682	622	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2682	2968	286	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2968	3040	72	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3040	4558	1518	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4558	4667	109	Cliff House ss. Gry, fine-grn, dense sil ss.
4667	5200	533	Menefee form. Gry, fine-grn s, carb sh & coal.
5200	5350	150	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5350	5400	50	Mancos formation. Gry carb sh.

16—43094-6

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.

5-25-57. Perf. w/2 DJ/ft. Int. 2974-3010. Water frac F.O. w/30,100 gal. water, 40,000# sand. Flush w/5100 gal. water. I.R. 62.0 BPM. B.D. none, Avg. pr. 1000#, max. pr. 1000#. Spotted 250 gal. MCA acid across perfs.

DIVISION OF OIL & GAS CONSERVATION
RECEIVED