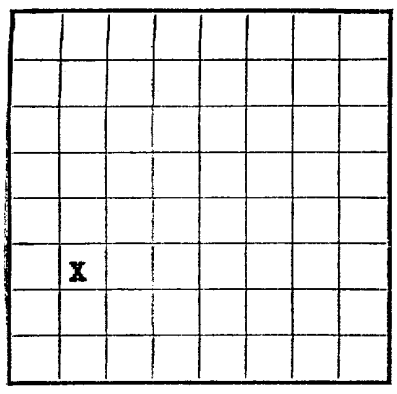
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079321-A
LEASE OR PERMIT TO PROSPECT
14-08-001-459

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 20 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO



LOCATE WELL CORRECTLY

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. 35 Sec. 1 T. 27N R. 7W Meridian NMPM County Rio Arriba
Location 1650 ft. {N.} of S. Line and 990 ft. {E.} of W Line of Section 1 Elevation 6134'
(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 J. F. Haddock

Date September 14, 1955 Title Petroleum Engineer

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

Commenced drilling July 9, 19 55 Finished drilling July 24, 19 55

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2795 to 2865 (G) No. 4, from 4950 to 5100 (G)
No. 2, from 4440 to 4590 (G) No. 5, from to
No. 3, from 4590 to 4950 (G) No. 6, from to

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OIL CON. COM.
DIST. 3

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#	F.E.	S.W.	161'	Howco				Surface
7"	20#	8 RD	J-55	4400'	Baker				Prod. String
2"	4.7#	8 RD	J-55	5108'					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"	175'	125	Circulated		
7"	4400'	500	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

Gas Drilled

Rotary tools were used from 0 feet to 4400 feet, and from 4400 feet to 5125 feet
Cable tools were used from feet to feet, and from feet to feet

DATES

July 27, 19 55 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 2,020,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1086

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	825	825	Tan cr-grn ss w/thin sh breaks.
825	2015	1190	Variegated sh w/thin ss breaks.
2015	2110	95	Tan to gry cr-grn ss interbedded w/gry sh.
2110	2140	30	Ojo Alamo ss. White cr-grn s.
2140	2560	420	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2560	2795	235	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2795	2865	70	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2865	4440	1575	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4440	4590	150	Cliff House ss. Gry, fine-grn, dense sil ss.
4590	4950	360	Menefee form. Gry, fine-grn s, carb sh & coal.
4950	5100	150	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5100	5125 TD	25	Mancos formation. Gry carb sh.

[OVER]

16—43094-8

FOLD | MARK

Form 9-330

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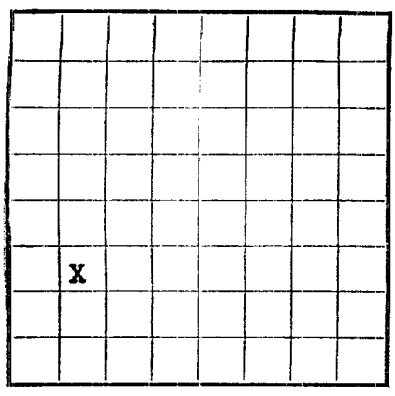

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[OVER]

16—43094-8

FOLD | MARK

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.

7-22-55 Sandoil fractured Cliff House 4400' - 4610' with 18,400 gallons oil and 14,000# sand. Breakdown pressure 2150 psi, maximum pressure 2250 psi, Average pressure 2250 psi. Injection rate 9.1 bbls./min. Flush with 1800 gallons. Natural gage 486 MCF/D.

7-26-55 Sandoil fractured Point Lookout. Interval 4740' - 5125' with 11,100 gallons oil and 10,500# sand. Breakdown pressure 1500 psi, maximum pressure 3000 psi, Average pressure 2250 psi. Injection rate 3.24 bbls./min. (on pump). Flush none, screened out. Natural gage TSTM. Overall gage 1,350 MCF/D.