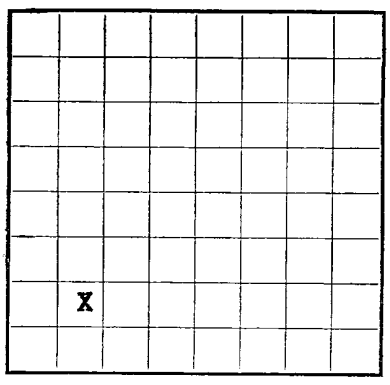
Form 9-330



LOCATE WELL CORRECTLY

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079394
LEASE OR PERMIT TO PROSPECT 14-08-001-950

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 San Juan 27-5 Unit Field Blanco & Wildcat State New Mexico
Well No. 35 (PM) Sec. 33 T. 27N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1120 ft. {N/S} XX of S Line and 990 ft. {E/W} XXX of W Line of Section 33 Elevation 6503'
(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 November 6, 1958 Title Petroleum Engineer

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

Commenced drilling 5-23-, 1958 Finished drilling 6-2-, 1958

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3174 to 3248 (G) No. 4, from 5378 to 5481 (G)
No. 2, from 4856 to 4954 (G) No. 5, from ____ to ____
No. 3, from 4954 to 5378 (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.	163'	Howco				Surface
7 5/8"	26.40	8 Rd.	J-55	3335'	Baker				Prod. csg.
5 1/2"	15.50	8 Rd.	J-55	2240'	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	5434'					Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	3196'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	173'	150	Circulated		
7 5/8"	3345'	200	Single Stage		
5 1/2"	3295-5535'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____
Adapters—Material ____ Size Baker Model "D" Packer at 3277'

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 3347 feet, and from 3347 feet to 5541 feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

Gas Drilled

DATES

9-10-, 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. 1,462,000 M.V. 1,435,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. P.C. 1002 M.V. 1109 A.O.F.--P.C. 1481 M.V. 1509 MCF/D

EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2627	2627	Tan to gry cr-grn ss interbedded w/gry sh.
2627	2758	131	Ojo Alamo ss. White cr-grn s.
2758	2971	213	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2971	3174	203	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3174	3248	74	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3248	4856	1608	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4856	4954	98	Cliff House ss. Gry, fine-grn, dense sil ss.
4954	5378	424	Menefee form. Gry, fine-grn s, carb sh & coal.
5378	5481	103	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5481	5541	60	Mancos formation. Gry carb sh.

[OVER]

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.

6-5-58 Perf. Point Lookout w/2 DJ/ft. int. 5360-5364; 5374-5394; 5412-5434; 5450-5474. Frac. w/54,038 gal. water & 55,000# sand. Flush w/12,000 gallons water. I.R. 52.0 BPM. Max. pr. 3200#, BDP 1300#, trtg. pr. 1300-1400-1600-1800-2200#. Dropped 4 sets of 20 balls for 5 stages. Sanded B.P. and setting tool in hole at 3650'.
Perf. Pictured Cliff w/2 DJ/ft. int. 3180-3192; 3206-3214; 3224-3244. Frac. w/34,000 gal. water and 55,000# sand. Flush w/10,000 gallons water. I.R. 45.4 B.P.M. Max. pr. 2400#, BDP 1900#, trtg. pr. 1300-1700-1900#. Dropped 2 sets of 20 balls for 3 stages.