Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080668
LEASE OR PERMIT TO PROSPECT 14-08-001-1054

RECEIVED
SEP 24 1958
OIL CON. COM.
DIST. 3

X

LOCATE WELL CORRECTLY

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 27-4 Unit Field Blanco State New Mexico

Well No. 18 Sec. 4 T. 27N R. 4W Meridian N.M.P.M. County Rio Arriba

Location 1096 ft. [N.] of S Line and 860 ft. [E.] of W Line of Section 4 Elevation 7177'
(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. Original Signed By:

Signed E. W. Meehan

Date September 18, 1958 Title Petroleum Engineer

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

Commenced drilling 6-15-, 19 58 Finished drilling 7-8-, 19 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4050 to 4210 (G) No. 4, from 6193 to 6362 (G)

No. 2, from 5828 to 5890 (G) No. 5, from to

No. 3, from 5890 to 6193 (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'	Howco				Surface
7 5/8"	26.40	8 Rd.	J-55	4300'	Baker				Intermediate
5 1/2"	15.50	8 Rd.	J-55	6347'	Baker				Prod. liner
2"	4.7	8 Rd.	J-55	6350'					Prod. tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	180'	150	Circulated		
7 5/8"	4300'	200	Single stage		
5 1/2"	4173-6420	300	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 4302 feet, and from 4302 (Gas Drilled) feet to 6436 feet

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

DATES

7-14-, 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 4,722,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1192 A.O.F.--10,086 MCF/D

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3570	3570	Tan to gry cr-grn ss interbedded w/gry sh.
3570	3672	102	Ojo Alamo ss. White cr-grn s.
3672	3845	173	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3845	4050	205	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
4050	4210	160	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4210	5828	1618	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5828	5890	62	Cliff House ss. Gry, fine-grn, dense sil ss.
5890	6193	303	Menefee form. Gry fine-grn s, carb sh & coal.
6193	6362	169	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
6362	6436	74	Mancos formation. Gry carbb sh.

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

7-11-58 T.D. 6436', C.O.T.D. 6365'. Water fractured Point Lookout perf. int. 6206-6226; 6240-6262; 6270-6278; 6310-6336; 6350-6362 w/2 shots/ft. w/57,000 gal. water & 54,000# sand. B.D.P. None, max. pr. 1200 psi, avg. tr. pr. 900 psi. I.R. 92 B.P.M. Flush 10,500 gal. Dropped 4 sets of 25 balls.

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

RECEIVED
AUG 25 1958
OIL CON. COM.
DIST. 3