Form 9-330

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03380
LEASE OR PERMIT TO PROSPECT

RECEIVED
OCT 23 1958
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Florance Field Blanco&So.Blanco P.C. State New Mexico
Well No. 13-D(PM) Sec. 20 T. 27N R. 8W Meridian N.M.P.M. County San Juan
Location 1650 ft. [N.] of S Line and 1700 ft. [E.] of W Line of Section 20 Elevation 6788'
(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 D. W. Meahan
Date October 16, 1958 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 3-31-58, 19 58 Finished drilling 4-10-, 19 58

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2801 to 2907 (G) No. 4, from 5086 to 5254 (G)
No. 2, from 4426 to 4544 (G) No. 5, from to
No. 3, from 4544 to 5086 (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	2998'	Baker				Prod. csg.
5 1/2"	15.50	8 Rd.	J-55	2952'	Baker				Prod. liner
2"	4.7	8 Rd.	J-55	5177'					Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	2866'					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"	2998'	150	Single Stage		
5 1/2"	2952-5293	250	Single Stage		

FOLD — MARK

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size Guiberson Shorty Model Packer @ 5169'

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 2999 feet, and from 2999 feet to 5298 feet Gas Drilled
Cable tools were used from feet to feet, and from feet to feet

DATES

8-28-, 19 58 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. 1,333,000 M.V. 3,653,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. P.C. 830 M.V. 995 A.O.F.--P.C. 1354 M.V. 5195 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1945	1945	Tan to gry cr-grn ss interbedded w/gry sh.
1945	2076	131	Ojo Alamo ss. White cr-grn s.
2076	2655	579	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2655	2801	146	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2801	2907	106	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2907	4426	1519	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4426	4544	118	Cliff House ss. Gry, fine-grn, dense sil ss.
4544	5086	542	Menefee form. Gry, fine-grn s, carb sh & coal.
5086	5254	168	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5254	5298	44	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.

4-14-58 Total Depth 5298'. C.O.T.D. 5250'. Fraced Point Lookout perf. int. 5120-5168; 5170-5194; 5206-5216; 5228-5240 (2 SPF) w/74,100 gal. water & 75,000# sand. B.D.P. 1100#, max. pr. 2000#, avg. tr. pr. 1500-1700-1650-1750#. I.R. 63.7 B.P.M. Flush 6200 gal. water. Injected 7 sets balls (16 balls/set).
Baker Magnesium B.P. @ 4820'.
Fraced Pictured Cliffs perf. int. 2834-2840; 2846-2860 (2 SPF) w/34,100 gal. water and 40,000# sand. B.D.P. 2400#, max. pr. 3200#, avg. tr. pr. 1000-1400#. I.R. 61.7 B.P.M. Flush None. Injected 16 balls after 20,000# sand. Injected 16 more balls after the second 20,000# sand. When the second set of balls reached perforations, the gasket between the blow out preventer and the drilling head failed, and the frac was ended.

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