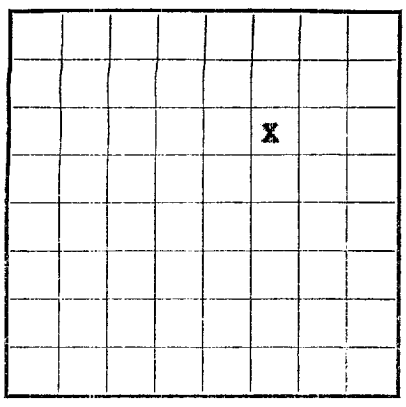
Form 9-330

RECEIVED
JUL 31 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

U. S. LAND OFFICE NM
SERIAL NUMBER 04202
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 Company Address Box 997, Farmington, New Mexico
Lessor or Tract Johnston Field Aztec P.C. & Blanco State New Mexico
Well No. 8(PM) Sec. 17 T. 28N R. 9W Meridian N.M.P.M. County San Juan
Location 1700 ft. {N./S.} of N Line and 1600 ft. {E./W.} of E Line of Sec. 17 Elevation 5,888'
(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

Date July 25, 1957 Title Petroleum Engineer

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

Commenced drilling 5-13-57, 19 Finished drilling 5-21, 19 57

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2155 to 2235 (G) No. 4, from 4433 to 4610 (G)
No. 2, from 3810 to 3840 (G) No. 5, from to
No. 3, from 3480 to 4433 (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"	26.4	8 Rd.	J-55	2,332'	Baker				Prod. Csg.
5 1/2"	15.5	8 Rd.	J-55	2,390'	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	4,513'					Prod. Tbg.
1 1/4"	2.3	8 Rd.	Grade "B"	2,204'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	172'	150	Circulated		
7 5/8"	2,332'	250	Single Stage		
5 1/2"	2263-4653	500	Single Stage & Squeeze		

MARK

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size Baker Model "EM" Pkr. @ 2410

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 2332 feet, and from 2332 feet to 4669 feet (Gas Drilled)
Cable tools were used from feet to feet, and from feet to feet

DATES

5/31, 19 57 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. 2,252,000 M.V. 2,824,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 633 A.O.F. = P.C. 2427 M.V. 4801 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
-0-	1061	1061	Tan to gry cr-grn ss interbedded w/gry sh.
1061	1216	155	Ojo Alamo ss. White cr-grn s.
1216	1965	749	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1965	2155	190	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2155	2235	80	Pictured Cliffs form. Gry, fine grn, tight varicolored soft ss.
2235	3810	1575	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3810	3840	30	Cliff House ss. Gry, fine-grn, dense sil ss.
3840	4433	593	Menefee form. Gry, fine-grn s, carb sh & coal.
4433	4610	177	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4610	4669	59	Mancos formation. Gry carb sh.

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AUG 1 1957
OIL CON. COM.
DIST. 3

FROM-- TO-- TOTAL FEET FORMATION

[OVER]

16—43094-8

FORMATION RECORD—CONTINUED

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.

5-24-57 T. D. 5669' PB & D 4622 water fractured Point Lookout through perf. 4456-70; 4512-40; 4574-86; 4600-10 (2/ft.) W/59,900 gals water 60,000# Sd. B. D. 1700#, Max. Tr. 1600# avg. tr. 1600# I. R. 60.0 BPM Flush 8000 gals.

5-24-57 Temp. B. P. of 4240 water fractured Mesa. thru perf. 4055-78'; 4164-76; 4196-4208' (2/ft.) W/52747 gals. water and 52,000# Sd. B. D. None, Max. Tr. 2000-2150-2700-Balloff, Avg. Tr. 2000-2100-2700-Balloff. Injected 3 sets of 24 balls each. I. R. 40.5 BPM flush 10,000 gals.

5-24-57 Temp. B. Pat. 3985'
Water fractured Pictured Cliffs thru Perf. 3854'-98' (2/ft) W/37841 gals. water and 40,000# Sd. B. D. 2800# Max. Tr. 1200#, Avg. Tr. 1200# I. R. 62.1 BPM Flush 9885 Gals.

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