

[illegible]

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Co. Address Box 997, Farmington, New Mexico
Lessor or Tract Florance Field So. Blanco P.C. State New Mexico
Well No. 12-D(PM) Sec. 19 T. 27N R. 8W Meridian N.M.P.M. County San Juan
Location 790 ft. N of Line and 1628 ft. W of E Line of Section 19 Elevation 6104
(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. G. Johnston
Date July 31, 1958 Title Petroleum Engineer

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

Commenced drilling 5-6, 1958 Finished drilling 6-13, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2141 to 2215 (G) No. 4, from 4393 to 4604 (G)
No. 2, from 3764 to 3796 (G) No. 5, from _____ to _____
No. 3, from 3796 to 4393 (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		Purpose
							From—	To—	
10 3/4	32.75	P.E.	S.W.	163'	Howco				Surface
7 5/8	26.4	8 Rd.	J-55	2817	Baker				Prod. Csg.
5 1/2	15.5	8 Rd.	J-55	2360	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	4368	Howco				Prod. Tbg.
1 1/4	2.4	8 Rd.	Grade "A"	2178'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	174	300	Circulated		
7 5/8	2327	200	Single Stage		
5 1/2	2227-4634	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size **Baker "EG" Packer at 2347'**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			See Well History			

TOOLS USED

	Total Used		Gas Drilled	
Rotary tools were used from	180	feet to	2328	feet, and from 2328 feet to 4638 feet
Cable tools were used from	0	feet to	180	feet, and from 180 feet to 2328 feet

DATES

-----6-19-----, 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. 1,312,000 Gallons gasoline per 1,000 cu. ft. of gas M.V. 3720.00

Rock pressure, lbs. per sq. in. P.C. 837

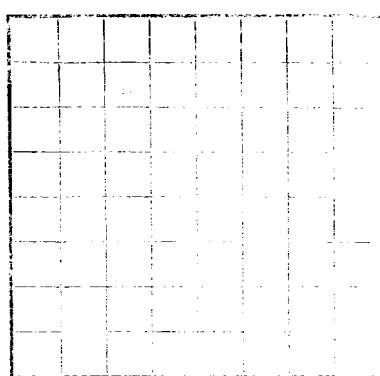
EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undev	1383	1383	Ojo Alamo ss. White cr-grn s.
1383	1913	530	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1913	2141	228	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2141	2215	74	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2215	3764	1549	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3764	3796	32	Cliff House ss. Gry, fine-grn, dense sil ss.
3796	4393	597	Menefee form. Gry, fine-grn s, carb sh & coal.
4393	4604	211	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
4604	4566 4638	34	Mancos formation. Gry carb sh.



TOC OF OIL OR GAS WELL

UNITED STATES
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GEOLOGICAL SURVEY

The information given herewith is a complete and correct record of the work and all work done by me as can be determined from all available records.

Signed _____

This is a true and correct copy of the original as shown to me.

Witness my hand and seal at _____ this _____ day of _____ A.D. 19____.

Notary Public for the State of _____

each for 5 stages.
RD pr. 2000#, tr. pr. 1650-1750-1900-2500#. Dropped 4 sets of 15 balls
45,000# sand, flush w/4300 gal. water. I.R. 66-7 RM. Max. pr. 2500#
Fixed P. C. parts. (B.D./T.C.) 2170-90 w/44,000 gal. water,
2 sets of 5 balls each for 6 stages. Set magnesium bridge plug at 250
pr. 2000, 2300, 2400, 2700#. Dropped 3 sets of 20 balls each,
w/7000 gal. water. I.R. 66-7 RM. Max. pr. 2500#. RD pr. 3000#, tr.
4502-22; 4530-44; 4554-78 w/71,000 gal. water, 70,000# sand, flush
Perf. Point Lookout perf. int. (2 D/T) 4412-26; 4436-60; 4478-92;
I. D. 4030 . OC.O.I.D. 4509 .
O-10-90

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, reason with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing "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 ball test.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
			FORMATION