



U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080673**
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 Company Address Box 997, Farmington, New Mexico
 Lessor or Tract San Juan 27-4 Unit Field Blanco & Wildcat State New Mexico
 Well No. 19 (PM) Sec. 5 T. 27N R. 4W Meridian N.M.P.M. County Rio Arriba
 Location 915 ft. XX of N Line and 1020 ft. XX of E Line of Section 5 Elevation 7173'

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. Meahan

Date November 4, 1958 Title Petroleum Engineer

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

Commenced drilling 6-26-, 19 58 Finished drilling 7-29-, 19 58

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

No. 1, from 4073 to 4170 (a) No. 4, from 6205 to 6406 (a)
No. 2, from 5840 to 5925 (a) No. 5, from _____ to _____
No. 3, from 5925 to 6205 (a) 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.	282'	Horus				Surface
7 5/8"	26.10	8 Rd.	J-55	1252'	Baker				Prod. seg.
5 1/2"	25.70	8 Rd.	J-55	2280'	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	6335'					Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	1087'					Silber

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	293'	200	Circulated		
7 5/8"	426'	200	Single Stage		
5 1/2"	422-6450'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters--Material----- Size **Baker Model "D" Packer at 4201'**

SHOOTING RECORD

[illegible]

TOOLS USED

TOOLS USED

Rotary tools were used from 295 feet to 4265 feet, and from 4265 feet to 6455 feet **Gas Drilled**

Cable tools were used from 0 feet to 295 feet, and from _____ feet to _____ feet

DATES

-----~~10-2~~-----, 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. 983,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 987 A.O.F. --- P.C. 990
M.V. 1005 M.V. 4056 MCF/D
 EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	3585	3585	Tan to gry cr-grn ss interbedded w/gry sh.
3585	3692	107	Ojo Alamo ss. White cr-grn s.
3692	3874	182	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3874	4073	199	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
4073	4170	97	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4170	5840	1670	Lewis formation. Gry to white dense sh w/silt to shaly ss breaks.
5840	5925	85	Cliff House ss. Gry, fine-grn, dense sil ss.
5925	6205	280	Manefee form. Gry, fine-grn s, carb sh & coal
6205	6406	201	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
6406	6455	49	Mancos formation. Gry carb sh.

