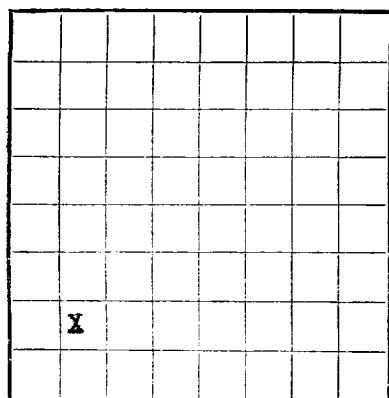




U. S. LAND OFFICE
SERIAL NUMBER 078509
LEASE OR PERMIT TO PROSPECT
14-08-001-569

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 32-9 Unit Field Blanco State New Mexico
Well No. 51 Sec. 29 T. 32N R. 9W Meridian N.M.P.M. County San Juan
Location 1090 ft. $\left\{ \begin{array}{c} \text{N.} \\ \text{S.} \end{array} \right\}$ of S Line and 890 ft. $\left\{ \begin{array}{c} \text{E.} \\ \text{W.} \end{array} \right\}$ of W Line of Sec. 29 Elevation 6663'

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. C. Johnston

Date July 31, 1957 Title Petroleum Engineer

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

Commenced drilling 5-29, 1957 Finished drilling 6-19, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3496 to 3612 (S) No. 4, from 5750 to 5823 (S)
No. 2, from 5440 to 5509 (S) No. 5, from to
No. 3, from 5509 to 5750 (S) 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.	160'	Howco				Surface
10 3/4"	32.75	P.E.	S.W.	160'	Howco				Intermediate
9 1/2"	24.5	8 Rd.	J-55	5978'	Sabco				Prod. Cng.
2 1/2"	4.7	8 Rd.	J-55	5939'					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"	170'	150	Circulated		
7 5/8"	3785'	250	Single Stage		
5 1/2"	5982'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material..... Size

SHOOTING RECORD

[illegible]

TOOLS USED

Gas Drilled

Rotary tools were used from 175 feet to 3790 feet, and from 3790 feet to 5985 feet.

Cable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet.

DATES

-----6-25-----, 1957 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 A.O.F. = 6632 MCF/D
1,669,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1028 -----

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	2480	2480	Tan to gry cr-grn ss interbedded w/gry sh.
2480	2669	189	Ojo Alamo ss. White cr-grn s.
2669	3044	375	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3044	3496	452	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3496	3612	116	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3612	5440	1828	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5440	5509	69	Cliff House ss. Gry, fine-grn, dense sil ss
5509	5750	241	Menashee form. Gry, fine-grn s, carb sh & coal.
5750	5923	173	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5923	5985	62	Mancos formation. Gry carb sh.

