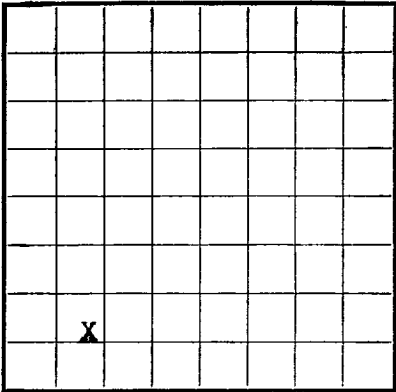




U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079033
LEASE OR PERMIT TO PROSPECT _____

RECEIVED

JUL 31 1958

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 29-5 Unit Field Blanco State New Mexico
Well No. 39-23 Sec. 23 T. 29N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of S. Line and 700 ft. E. of W. Line of Section 23 Elevation 6909'
Rock W. Rock (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. C. Johnston

Date July 28, 1958 Title Petroleum Engineer

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

Commenced drilling 5-17, 1958 Finished drilling 6-14, 1958

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

No. 1, from 3885 to 3967 (G) No. 4, from 5985 to 6121 (G)
No. 2, from 5713 to 5750 (G) No. 5, from _____ to _____
No. 3, from 5750 to 5985 (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.	162'	Howco				Surface
7 5/8	26.4	8 Rd.	J-55	3996	Howco				Intermediate
5 1/2	15.5	8 Rd.	J-55	2453	Howco				Prod. Liner
HISTORY OF OIL OR GAS WELL									
2"	4.7	8 Rd.	J-55	6105					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	172'	300	Circulated		
7 5/8	4007	200	Single Stage		
5 1/2	3944-6197	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 175 feet to 4008 feet, and from Gas Drilled 4008 feet to 6200 feet
Cable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet

DATES

6-22, 1958 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 1,670,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1133 A.O.F. = 1896 MCF/D

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3122	3122	Tan to gry cr-grn ss interbedded w/gry sh.
3122	3263	141	Ojo Alamo ss. White cr-grn s.
3263	3577	314	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3577	3885	308	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3885	3967	82	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3967	5713	1746	Lewis formation. Gry to white dense sh w/silt; to shaly ss breaks.
5713	5750	37	Cliff House ss. Gry, fine-grn, dense sil ss.
5750	5985	235	Manefee form. Gry, fine-grn s, carb sh & coal
5985	6121	136	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
6121	6200	79	Mancos formation. Gry carb sh.

