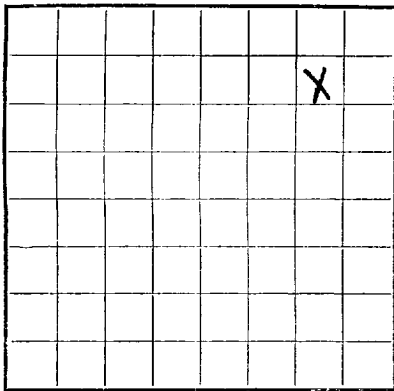


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078049
LEASE OR PERMIT TO PROSPECT _____

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 Hughes Field Blanco State New Mexico
Well No. 4-A Sec. 34 T. 29N R. 8W Meridian N. M. P. M. County San Juan
Location 990 ft. N. of N. Line and 890 ft. E. of E. Line of Section 34 Elevation 6785'
(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

J. J. TalbotDate August 11, 1953Title Petroleum Engineer

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

Commenced drilling June 20, 1953 Finished drilling July 7, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3354 to 3403 (G) No. 4, from 5548 to 5666 (G)
No. 2, from 4956 to 5100 (G) No. 5, from _____ to _____
No. 3, from 5100 to 5548 (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—	
9-5/8	25.4	S.W.	Armco	173'	Armco				Surface
7"	20.7	8 rd	Spang	4890'	Baker				Prod. Csg.
2"	4.7	8 rd	Youngt.	5648'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	184'	125	Circulated		
7"	4900'	300	Sing. 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
Quart	Regular	S.N.G.	1633	7-10-53	4949-5701	5701

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 4900 feet, and from 4900 feet to 5701 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 11, 1953 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 5,402,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1062

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	865	865	Tan cr-grn ss w/thin sh breaks.
865	1826	961	Variegated sh w/thin ss breaks.
1826	2340	514	Tan to gry cr-grn ss interbedded w/gry sh.
2340	2482	142	Ojo Alamo ss. Wh cr-grn s, Top Ojo Alamo 2340.
2482	3053	571	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2482.
3053	3354	301	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 3053.
3354	3403	49	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3354.
3403	4956	1553	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3403.
4956	5100	144	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4956.
5100	5548	448	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 5100.
5548	5666	118	Point Lookout formation. Gry, very fine sil ss w/ frequent sh breaks. Top Point Lookout 5548.
5666	5701	35	Mancos formation. Gry carb sh. Top Mancos 5666.

