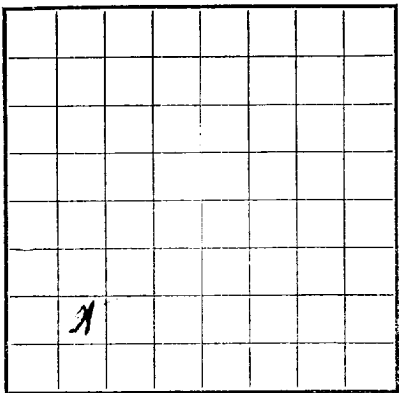


Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 0608
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract Atlantic Field Blanco State New Mexico
Well No. 8 Sec. 23 T. 31N R. 10W Meridian N. M. P. M. County San Juan
Location 990 ft. N. of S Line and 990 ft. E. of W Line of Section 23 Elevation 6386
(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 Charles Schuler

Date August 27, 1953 Title Petroleum Engineer

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

Commenced drilling July 7, 1953 Finished drilling July 24, 1953

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

No. 1, from 3156 to 3232 (G) No. 4, from 5365 to 5486 (G)
No. 2, from 4865 to 5010 (G) No. 5, from _____ to _____
No. 3, from 5010 to 5365 (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.	Armedo	160'	Armedo				Surface
7"	23	8 RD	Foreign	4094'	Baker				Prod. tubg.
2"	4.7	8 RD	Youngat.	5461'					Prod. tubg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	172'	125	Circulated		
7"	4815'	500	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.	1734	7-24-53	4864-5510	5510

TOOLS USED

Rotary tools were used from 0 feet to 4815 feet, and from 4815 feet to 5510 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 26, 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 5,594,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1067

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	410	410	Tan cr-grn ss w/thin sh breaks.
410	1435	1025	Variegated sh w/thin ss breaks.
1435	1943	508	Tan to gry cr-grn ss interbedded w/gry sh.
1943	2050	107	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1943.
2050	2782	732	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2050.
2782	3156	374	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2782'.
3156	3232	76	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3156.
3232	4865	1633	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3232.
4865	5010	145	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4865'.
5010	5365	355	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 5010.
5365	5486	121	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5365.
5486	5510	24	Mancos formation. Gry carb sh. Top Mancos 5486.

FROM—

TO—

TOTAL FEET

FORMATION

FORMATION

16-43094-3

FORMATION RECORD—CONTINUED

