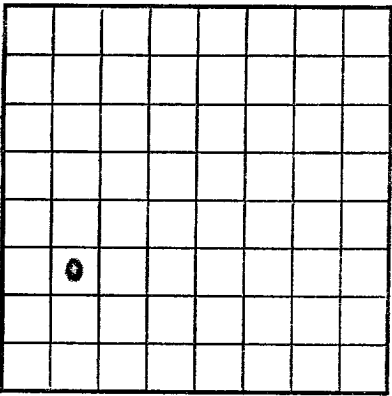


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078336-3
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address P.O. Box 997 Farmington
Lessor or Tract Barrett Field Alamco-La Plata State New Mexico
Well No. 1 Sec. 19 T. 31N R. 9W Meridian N.M.P.M. County San Juan
Location 1650 ft. [N.] of 8 Line and 790 ft. [E.] of 4 Line of Section 19 Elevation 6603
(Darius floor 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 E. J. Coel

Date February 4, 1953 Title Petroleum Engineer.

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

Commenced drilling December 9, 1952 Finished drilling January 9, 1953

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

No. 1, from 3470 to 3508 (G) No. 4, from 5715 to 5835 (G)
No. 2, from 5154 to 5322 (G) No. 5, from _____ to _____
No. 3, from 5322 to 5715 (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	8	Steel	1650	Open	Surface			Drilling
7	17.5	8	Steel	5081	Open	3470			Drilling
2	4.7	8	Tenney	5835	Open	5715			Prod. Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	175'	125	circulated		
7	5081'	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
Quart	Regular	S.M.G.	1700	1-9-53	5126-5906'	5906'

TOOLS USED

Rotary tools were used from 0 feet to 5081 feet, and from 5081 feet to 5906 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 12, 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 5,782,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1075

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	830	830	Tan coarse-grn ss w/thin sh breaks.
830	1320	490	Variogated sh w/thin ss breaks.
1320	1780	460	Tan to gry coarse-grn ss interbedded w/gry sh.
1780	2234	454	Ojo Alamo ss. White coarse-grn sand. Top Ojo Alamo 1780.
2234	3104	870	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2234.
3104	3470	366	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 3104.
3470	3508	38	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3470.
3508	5154	1646	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Top Lewis 3508.
5154	5322	168	Cliff House ss. Gry, fine-grn, dense siliceous ss. Top Cliff House 5154.
5322	5715	393	Manatee formation. Gry, fine-grn sands, carb sh and coal. Top Manatee 5322.
5715	5835	120	Point Lookout formation. Gry, very fine siliceous ss w/frequent sh breaks. Top Point Lookout 5715.
5835	5906 TD	71	Mancos formation. Gry carb sh. Top Mancos 5835.

NOTE: The tops thru the Lewis formation are calculated tops since no electric log was run.

