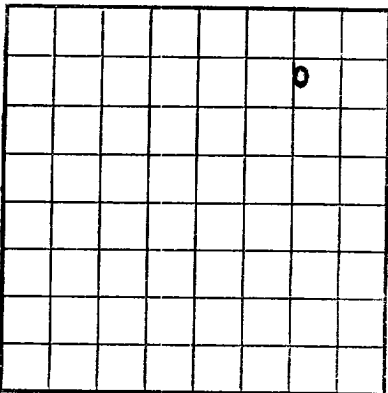


Form 9-380

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078415
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 Roelofs Field Blanco State New Mexico
Well No. 3-A Sec 9 T 29N R 8W Meridian N.M.P.M. County San Juan
Location 990 ft. (N) of Line and 990 ft. (S) of Section 9 Elevation 6401
(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 E. J. Coal

Date February 6, 1953 Title Petroleum Engineer.

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

Commenced drilling November 25, 1952 Finished drilling January 6, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3087 to 3190 (G) No. 4, from 5229 to 5475 (G)
No. 2, from 4680 to 4860 (G) No. 5, from _____ to _____
No. 3, from 4860 to 5229 (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
9 5/8"	25.4	8	Bpr. W	160	REGG			Surface
7"	23	8	Spang	4043	REGG			Prod. casg.
2"	4.7	8	Youngst.	5418				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"	173	120	Circulated		
7"	4653	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.	1845	1-6-53	4695'-5475'	5475'

TOOLS USED

Rotary tools were used from 0 feet to 4653 feet, and from 4653 feet to 5475 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 10, 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 5,618,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1043

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	650	650	Tan coarse-grn ss w/thin sh breaks.
650	1120	470	Variegated sh w/thin ss breaks.
1120	1995	875	Tan to gry coarse-grn ss interbedded w/gry sh.
1995	2167	172	Ojo Alamo ss. White coarse-grn sand. Top Ojo Alamo 1995.
2167	2738	571	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2167.
2738	3087	349	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2738.
3087	3190	103	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3087.
3190	4680	1490	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Top Lewis 3190.
4680	4860	180	Cliff House ss. Gry, fine-grn, dense siliceous ss. Top Cliff House 4680.
4860	5229	369	Manefee formation. Gry, fine-grn sands, carb sh and coal. Top Manefee.
5229	5475 TD	246	Point Lookout formation. Gry, very fine siliceous ss w/frequent sh breaks. Top Point Lookout 5229.