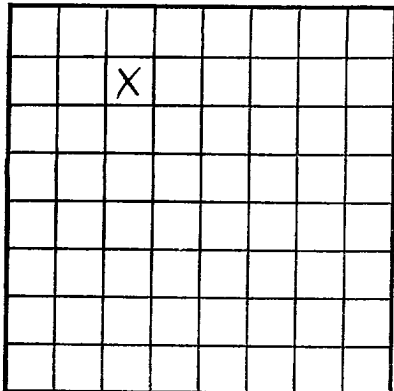


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078138
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Nat. Gas. Co. Address Box 997, Farmington, N. M.
Lessor or Tract Morris Field Aztec State New Mexico
Well No. 3-A Sec. 28 T. 30N R. 11W Meridian NMPM County San Juan
Location 990ft. {N} of N Line and 1650ft. {E} of W Line of Sec. 28 Elevation 5893
(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 School Schulerman
Date September 11, 1953 Title Petroleum Engineer

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

Commenced drilling May 29, 1953 Finished drilling July 20, 1953

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

No. 1, from 2198 to 2292 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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	SW	Armco	123	Armco				Surface
5-1/2	45.5	8rd	Spang	220	Spang				Prod. sg.
1"	1.68	8rd	Standard	220	Black				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	133	100 sks	Circulation		
5-1/2	2229	150 sks	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
Qt.	Regular	SNG	155 qts	7-21-53	2230/ 2292	2292

TOOLS USED

Rotary tools were used from 0 feet to 2229 feet, and from _____ feet to _____ feet
Cable tools were used from 2229 feet to 2292 feet, and from _____ feet to _____ feet

DATES

July 22, 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 667 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 660 psig

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	418	418	Tn cr-grn SS w/thin sh breaks
418	547	129	Variegated sh w/thin SS breaks
547	850	303	Tn-gr cr-grn SS interbedded w/ gr sh.
850	920	70	Ojo Alamo SS. Wh. cr-grn sd. Top Ojo Alamo 850.
920	1881	961	Kirkland formation. Gr sh interbedded w/tight gr fine-grn SS. Top Kirkland 920.
1881	2198	317	Fruitland formation. Gr carb sh, scattered coals and gr, tight, fine grn SS. Top Fruitland 1881.
2198	2292	94	Pictured Cliffs formation. Gr, fine-grn, tight, varicolored soft SS. Top Pictured Cliffs 2198.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[Faint grid pattern]

[illegible]

On receipt of the above information, the Bureau has been advised by the State Department that the same has been forwarded to the appropriate authorities for their consideration.

[illegible]

HISTORY OF OIL OR GAS WELL

[illegible]