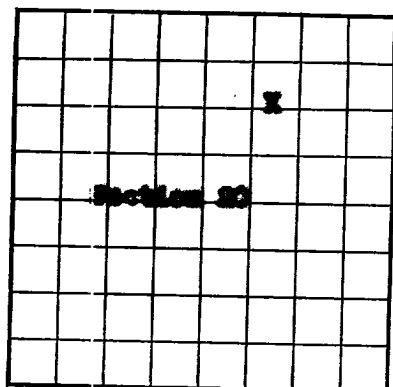
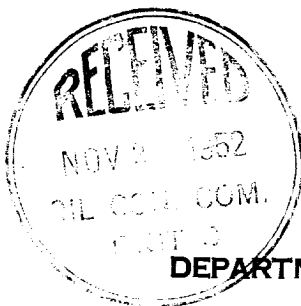




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 070846
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address P.O. Box 997, Farmington, New Mexico
Lessor or Tract Hughes Field Blanco State New Mexico
Well No. 3 Sec. 22 T. 33N R. 8W Meridian N.M.P.M. County San Juan
Location 970 ft. N. } of N. Line and 1780 ft. E. } of E. Line of Section 22 Elevation 4668'
(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 _____

Date July 9, 1952 Title Petroleum Engineer

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

Commenced drilling May 10, 1952 Finished drilling June 8, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from (8) 4676 to 5402 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 2017 to 2155 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—	
10-3/4	40.5	8	Metl	150	BLWGO				Surface
7	38	8	Metl	204	BLWGO				Production
7	38	8	Metl	1075	BLWGO				Production
7	37	8	Metl	1513	BLWGO				Production
2	4.7	8	Young	2075	Barbedent Jt.				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	163	190	Single		
7	4992	290	Single		

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
Q1	veg	828	1660	6-8-52	4673-5453	5453

TOOLS USED

Gas Circulation

Rotary tools were used from 0 feet to 4535 feet, and from 4535 feet to 5453 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 1, 1952 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 4,380,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1,085 psig

EMPLOYEES

Copeland, Driller Ruble, Driller
Quinn, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	632	632	San coarse-gr ss w/thin sh breaks.
632	1932	920	Variog sh w/thin ss breaks.
1932	2017	465	San to gas gry coarse-gr ss interbedded w/gry sh.
2017	2155	138	Ojo Alamo ss. White coarse gr ss. T/Ojo Alamo 2017.
2800	3069	269	Kirtland formation. Gry sh interbedded w/tight gry f gr ss. T/Kirtland 2155.
2800	3069	269	Freitland formation. Gry carb sh, scattered coals and gry, tight, f gr ss.
3069	3126	57	Pictured Cliffs formation. Gry, f-gr, tight, vari soft ss. T/Pictured Cliffs 3069.
3126	4676	1550	Lewis formation. Gry to white dense sh w/silty to chly ss breaks. T/Lewis 3126.
4676	4823	147	Cliff House sandstone. Gry, f-gr, dense sil ss. T/Cliff House 4676.
4823	5302	479	Manitou formation. Gry, f-gr ss, carb sh & coal. T/Manitou 4823.
5302	5402	100	Point Lookout formation. Gry, v f sil ss w/freq sh breaks. T/Point Lookout 5302.
5402	5453	51	Manaos formation. Gry carb sh. T/Manaos 5402.

