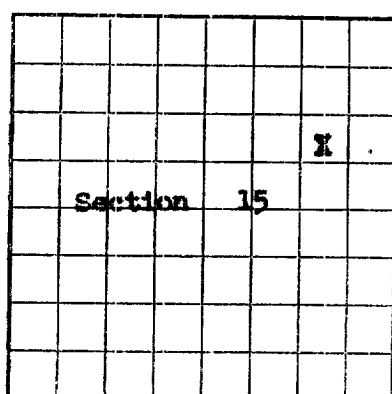


U. S. LAND OFFICE New Mexico

SERIAL NUMBER 01208

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address P.O. Box 997, Farmington, New Mexico
Lessor or Tract McCulley-Johnston Field Blanco State New Mexico
Well No. 1 Sec. 15 T. 23N R. 9W Meridian N.M.P.M. County San Juan
Location 1550 ft. (N) of N Line and 990 ft. (E) of E Line of Section 15 Elevation 5885.11
(Vertical floor relative to datum)

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.

Original Signed E. J. Coel

Signed

Date **November 5, 1952**

Title Petroleum Engineer

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

Commenced drilling March 19, 1952... Finished drilling September 8, 1952...

OIL OR GAS SANDS OR ZONES

(Denote $\sigma_{\alpha\beta}$ by $\mathfrak{G}$)

No. 1, from 2275 to 2343 (G) No. 4, from 4488 to 4638 (G)
No. 2, from 3799 to 3920 (G) No. 5, from to
No. 3, from 3920 to 4488 (G) No. 6, from to

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

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	32-75#	8	Spring	160'					Surface
5"	15.5#	6	Spring	\$155					Production
2"	4.7#	8	Nett	46.4.69					The Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	159'	135	Circulated		
5 1/2	3755'	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
Qts	Reg.	S.N.G.	620	9-8-52	4363 4638	4638

TOOLS USED

Rotary tools were used from 0 feet to 375 feet, and from 375 feet to 4630 feet. Gas drilling

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

September 9, 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 734,000 Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. 1,082

EMPLOYEES

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	581	581	Tan cr-gr ss w/thin sh breaks.
581	736	205	Varieg sh w/thin ss breaks.
736	1266	480	Tan to gry cr-gr ss interbedded w/gry sh.
1266	1356	90	Ojo Alamo ss. Wh cr-gr sd. T/Ojo Alamo 1266.
1356	2012	656	Kirtland formation. Gry sh interbedded w/tight gry f-gr ss. T/Kirtland 1356.
2012			
2012	2275	275	Fruitland formation. Gry carb sh, scattered coals & gry, tight f-gr ss. T/Fruitland 2012.
2275	2343	68	Pictured Cliffs formation. Gry, f-gr, tight, vari soft ss. T/Pictured Cliffs 2275.
2343	3799	1456	Lewis formation. Gry to wh dense sh w/silty to shly ss breaks. T/Lewis 2343.
3799			
3799	3920	121	Cliff House ss. Gry, f-gr dens sil ss. T/ Cliff House 3799.
3920	4488	568	Menefee formation. Gry, f-gr sd, carb sh & coal. T/Menefee 3920.
4488			
4488	4638 TD	150	Point Lookout formation. Gry, v fi sil ss w/ freq sh breaks. T/Point Lookout 4488.

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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