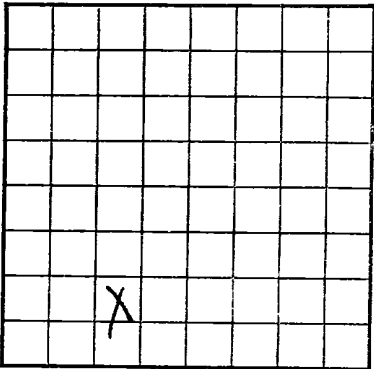


14-08-001-459

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 078417

LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 25 1953
U. S. GEOLOGICAL SURVEY
SANTA FE, N. M.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract San Juan 23-7 Unit Field Blanco State New Mexico
Well No. 6 Sec. 16 T. 28N. 7W Meridian N. M. P. M. County Rio Arriba
Location 790 ft. (N.) of S. Line and 1850 ft. (E.) of W Line of Section 16 Elevation 6110'
(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 [Signature]

Date June 24, 1953 Title Petroleum Engineer

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

Commenced drilling March 29, 1953 Finished drilling May 31, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2816 to 2885 (G) No. 4, from 5019 to 5104 (G)
No. 2, from 4463 to 4611 (G) No. 5, from _____
No. 3, from 4611 to 5019 (G) No. 6, from _____

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	Percutated		Purpose
							From—	To—	
9 5/8"	25.4	S. W.	ARMCO	160'	ARMCO				Surface Prod. Cag.
7"	23	8 RD	Spang	4300'	BAKER				
2"	4.7	8 RD	Youngst.	5050'					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"	170'	125	Circulated		
7"	4310'	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.	1940	6-1-53	4379-5149'	5149'

TOOLS USED

Rotary tools were used from 0 feet to 4310 feet, and from 4310 ^{Gas Drilling} ~~feet to~~ 5149 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 4, 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 2,130,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1019'

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	875	875	Tan cr-grn ss w/thin sh breaks.
875	1752	877	Variegated sh w/thin ss breaks.
1752	2005	253	Tan to gry cr-grn ss interbedded w/gry sh.
2005	2131	126	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2005.
2131	2582	451	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2131.
2582	2816	234	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2582.
2816	2885	69	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2816.
2885	4463	1578	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 2885.
4463	4611	148	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4463.
4611	5019	408	Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 4611.
5019	5104	85	Point Lookout formation. Gry, very fine sil ss w/ frequent sh breaks. Top Point Lookout 5019.
5104	5149	45	Mancos formation. Gry carb sh. Top Mancos 5104.

[illegible]

FORMATION RECORD—Continued