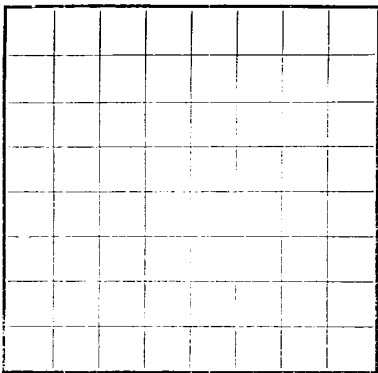


Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 08-001-459
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract San Juan 20-7 Unit Field Blanco State New Mexico
Well No. 0 Sec. 10 T. 20N R. 7W Meridian N. M. P. M. County Rio Arriba
Location 1050 ft. N. of 11 Line and 1050 ft. E. of 3 Line of Section 10 Elevation 6-75
(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 J. J. Tablock
Date September 15, 1953 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling July 2, 1953 Finished drilling July 22, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3543 to 3550 (G) No. 4, from 5600 to 5701 (G)
No. 2, from 5110 to 5274 (G) No. 5, from _____ to _____
No. 3, from 5274 to 5600 (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	Purposes
9-5/8	21.4	3.125	Armed	160'	Armed		Surface Csg.
7"	20.0	3.125	Armed	1605'	Armed		Prod. Csg.
2 3/4"	10.0	3.125	Foreign	770'	Armed		Prod. Csg.
2 1/2"	9.0	3.125	Youngst	1205'	Armed		Prod. Csg.
2"	4.7	3.125	Youngst	5750'	Armed		Prod. Csg.

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	Circulation		
7"	2075'	500	Slag 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
Quarts	Regular	A.M.S.	1770	7-23-53	5116-5030	5030

TOOLS USED

Gas Drilling

Rotary tools were used from _____ feet to 2075 feet, and from 2075 feet to 2030 feet
Cable tools were used from _____ feet to _____ 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 3310-403 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1000

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	350	350	Tan cr-grn ss w/thin sh breaks.
350	1700	610	Variegated sh w/thin ss breaks.
1700	2560	860	Tan to gry cr-grn ss interbedded w/gry sh.
2560	2605	125	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2560.
2605	3175	490	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2605.
3175	3513	330	Fruitland formation. Gry carbonaceous sh, scattered coals and gry, tight, fine-grn ss. Top of Fruitland 3175.
3513	3550	37	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3513.
3550	5110	1560	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3550.
5110	5274	164	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 5110.
5274	5600	406	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 5274.
5600	5701	111	Point Lockout formation. Gry, very fine sil ss w/ frequent sh breaks. Top Point Lockout 5600.
5701	5830	45	Mancos formation. Gry carb sh. Top Mancos 5701.

10-43084-2



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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