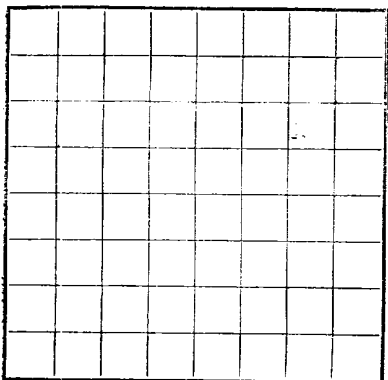


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 670495
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 297, Farmington, New Mexico
Lessor or Tract San Juan 20-7 Unit Field Blanco N.V. 2 State New Mexico
Well No. 22(24) Sec 21 Twp R. 7N Meridian N.M.P.M. County Sio Arriba
Location 1.40 ft. S. of 1 Line and 220 ft. W. of 1 Line of Section 27 Elevation 6170'
(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 WILLIAM H. MOORE

Date October 2, 1959 Title Petroleum Engineer

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

Commenced drilling 8-7-, 19 56 Finished drilling 10-13, 19 56

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

No. 1, from 2810 to 2894 (G) No. 4, from 5005 to 5192 (G)
No. 2, from 4442 to 4578 (G) No. 5, from _____ to _____
No. 3, from 4578 to 5005 (G) 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—	
10-3/4	32.75	8-1/2	8-1/2	160	Baker				Surface
7-5/8	25.4	8-1/2	8-55	230	Baker				Prod. Csg.
5-1/2	15.5	8-1/2	8-55	521	Baker			2870	Prod. Liner
2	4.1	8-1/2	8-55	5090					Prod. Th.
1-1/4	2.4	10-1/2	Grade A	2036					Signal

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	175	125	Circulated		
7-5/8	2915	255	single stage		
5-1/2	2860-5220	405	single stage & squeeze		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size 1 1/2 inch 1 1/2" packer at 2860'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 170 feet to 1990 feet, and from 1990 feet to 2860 feet
Cable tools were used from 0 feet to 170 feet, and from _____ feet to _____ feet

DATES

7-30, 19 59 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 1,324,000 Gallons gasoline per 1,000 cu. ft. of gas _____
N.V. - 3,051,000

Rock pressure, lbs. per sq. in. 1035 N.V. 14 A.C.F. = 1.0 1412; N.V. 6423 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1990	1990	Sh. to gry cr-grn ss interbedded w/gry sh.
1990	2100	110	Light clay ss. white cr-grn s.
2100	2560	460	Marland form. Gry sh interbedded w/tight gry fine-grn ss.
2560	4442	1882	Marland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
4442	4578	136	Cliff House ss. Gry, fine-grn, dense sil ss.
4578	5005	427	Menefee form. Gry, fine-grn s, carb sh & coal.
5005	5192	187	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5192	6225	1033	San Juan formation. Gry carb sh.

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FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 2. 10-20' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 3. 20-30' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 4. 30-40' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 5. 40-50' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 6. 50-60' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 7. 60-70' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 8. 70-80' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 9. 80-90' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar. 10. 90-100' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and feldspar.

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

U. S. GOVERNMENT PRINTING OFFICE: 1968-2-28089-2

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