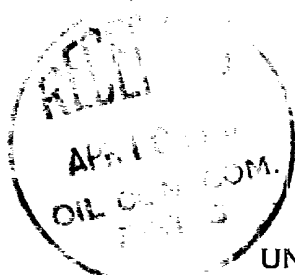


A 10x10 grid with a small 'x' mark in the 4th column and 7th row.



U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
Santa Fe
079250
San Juan 28-5 Unit
14-08-001-949

UNITED STATES 14-
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract San Juan 28-5 Unit Field Blanco State New Mexico
 Well No. 28 Sec. 17 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
 Location 1650 ft. N of N Line and 800 ft. E of E Line of Sec. 17 Elevation 6547'
 (Derive foot 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 Original Signed D. C. Johnson

Date April 3, 1958 Title Petroleum Engineer

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

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

Commenced drilling	January 25	19 58	Finished drilling	February 7	19 58
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OIL OR GAS SANDS OR ZONES

(Denote gas by G)			
No. 1, from	3435	to	3529 (G)
No. 2, from	5222	to	5301 (G)
No. 3, from	5301	to	5616 (G)
No. 4, from		to	5616
No. 5, from		to	5788 (G)
No. 6, from		to	

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	175	150	circulated		
7 5/8"	3625	150	single stage		
5 1/2"	3555-5827	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
		See Well History				

TOOLS USED

TOOLS USED		(Was Drilled)
Rotary tools were used from	0 feet to 3625 feet, and from	3625 feet to 5827 feet
Cable tools were used from	feet to feet, and from	feet to feet

DATES

February 17, 1958 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 4,102,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. 1088 A.O.F.--7396 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2745	2745	Undeveloped
2745	2870	125	Ojo Alamo ss. White cr-grn s.
2870	3154	284	Kirtland form. Gry sh interbedded w/tight fry fine-grn ss.
3154	3435	281	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3435	3529	94	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3529	5222	1693	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5222	5301	79	Cliff House ss. Gry, fine-grn, dense sil ss.
5301	5616	315	Menefee form. Gry, fine-grn s, carb sh & coal.
5616	5788	172	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5788	5827	39	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

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.

Bart. Point Lookout intervals 5616-5624, 5640-5648, 5676-5686, 5712-5718, 5724-5730, and 5752-5762 (2 3/4'). Water fractured same with 50,000 gallons water and 56,000# sand. Flush 5000 gallons. Breakdown pr. 1350#, max. pr. 3300#, tr. pr. 1200#, 1450#, 1700#, 3100#. I.R. 4 1/2 B.W. Dropped 4 sets of 18 balls each.

Part. Point Lookout intervals 5616-5624, 5640-5648, 5676-5686, 5712-5718, 5724-5730, and 5732-5752 (2 str.). Water fractured zone with 50,000 gallons water and 56,000# sand. Flush 5000 gallons. Breakdown pr. 1350#, max. pr. 3300#, tr. pr. 1200#, 1450#, 1700#, 3100#. I.R. 44 BPM. Dropped 4 sets of 18 balls each.