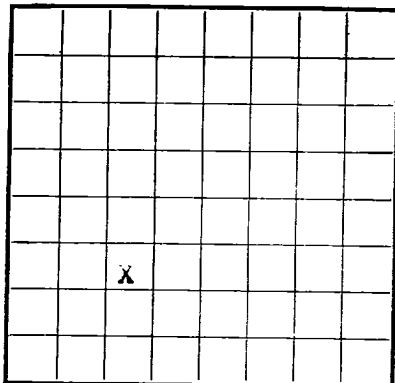
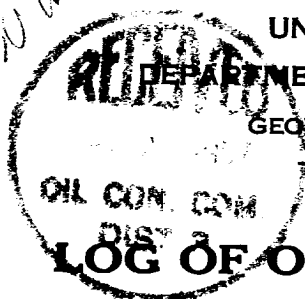


U. S. LAND OFFICE New MexicoSERIAL NUMBER 03549

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 MexicoLessor or Tract Floreance Field Blanco Ext. State New MexicoWell No. 3-C(PM) Sec. 19 T. 28N R. 8W Meridian N.M.P.M. County San JuanLocation 1450 ft. N of X Line and 1750 ft. E of W Line of Section 19 Elevation 5805 (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 Original Signed D. C. JohnstonDate November 15, 1957Title Petroleum Engineer

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

Commenced drilling 8-25, 1957 Finished drilling 9-25, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2103 to 2212 (G) No. 4, from 4336 to 4545 (G)No. 2, from 3760 to 3785 (E) No. 5, from _____ to _____No. 3, from 3785 to 4336 (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	P. E.	S. W.	162'	Howco				Surface
7-5/8	16.6	P. E.	S. W.	162'	Packer				Prod. Csg.
5-1/2	11.3	P. E.	S. W.	162'	Packer				Prod. Csg.
2"	4.7	E. Rd.	J-5	162'	Howco				Prod. Tbg.
1-1/4	2.3	E. Rd.	Grade B	2315'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	174'	200	Circulated		
7-5/8	2290'	250	Single Stage		
5-1/2	2211-4600	400	Single Stage	300 sks & sq. w/100 sacks.	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size E-ker EGJ Packer at 2410'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			See Well History			

TOOLS USED

Gas Drilled

Rotary tools were used from 175 feet to 2300 feet, and from 2300 feet to 4605 feetCable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet

DATES

10-7, 1957 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 P.C. 2,693,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1077 (MV) A.C.F. = P. C. 2882 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undeveloped	1890	1890	Kirtland form. Gry sh interbedded w/tight gry fir fine-grn ss.
1890	2103	213	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2103	2212	109	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2212	3760	1548	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3760	3785	25	Cliff House ss. Gry, fine-grn, dense sil ss.
3785	4336	551	Menefee form. Gry, fine-grn s, carb sh & coal.
4336	4545	209	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4545	4605	60	Mancos formation. Gry carb sn.

