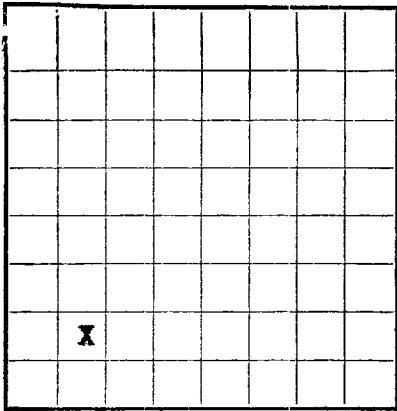
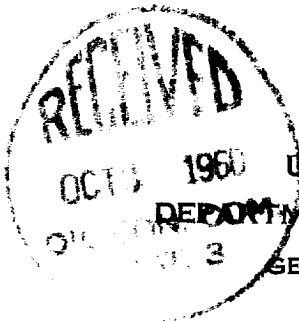




LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE New Mexico

SERIAL NUMBER 019413

LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Newberry Field Blanco Mesa Verde State New Mexico
Well No. 9 Sec. 5 T. 31 N. R. 12 W. Meridian N.M.P.M. County San Juan
Location 1050 ft. XX of S Line and 990 ft. XXX of W Line of Sec. 5 Elevation 5958
(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 E. S. OBERLY

Date September 30, 1960 Title Petroleum Engineer

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

Commenced drilling 8-21-60, 19____ Finished drilling 9-8-60, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2319 to 2443 (G) No. 4, from 4653 to 4808 (G)
No. 2, from 4006 to 4133 (G) No. 5, from _____ to _____
No. 3, from 4133 to 4653 (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.R.	S.W.	121	Bowco				Surface
7"	20	8 Ra	J-55	4569	Baker					Intermediate
5	1 1/2"	15.5	8 Ra	J-55	318	Baker				Prod liner
2"	4.7	8 Ra	J-55	4749						Prod tubing

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10	3/4"	134	125	circ.		
7"	4581	570	single stage			
5	1 1/2"	4528-4846	75	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

Rotary tools were used from 0 feet to 4586 feet, and from 4586 feet to 4846 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-12-60, 19____ 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 3,977,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1005 A.O.F. - 7071 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undev.	1830	1830	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
1830	2319	489	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2319	2443	124	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.
2443	4006	1563	Lewis form. Gry, fine-grn, dense sil ss.
4006	4133	127	Cliff House ss. Gry, fine-grn, dense sil ss.
4133	4653	520	Manefee form. Gry, fine-grn s, carb sh & coal.
4653	4808	155	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
4808	4846	38	Mancos form. Gry carb sh.

Water frac. Point Lookout perf int 4640-48; 4654-68; 4690-98; 4702-4770; 4725-4731; 4736-48 w/56,700 gal water & 50,000 # sand. Flush w/8400 gal. I.R. 80.2 B.P.M., Max. pr. 1200 #, B.D. 3000 to 900 #. Tr. pr. 700-800-850-1200-1000. Dropped 4 sets of 30 balls for 5 stages.

