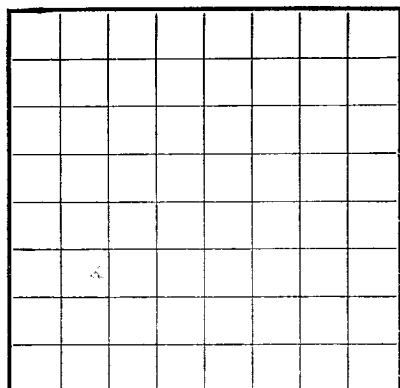




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1585, Farmington, New Mexico
 Lessor or Tract Brookhaven Field West-Lower Gulf State New Mexico
 Well No. 97 Sec. 29 T. 45N R. 10E Meridian 10-2N County Sandoval
 Location 1600 ft. N of 5 Line and 300 ft. W of 4 Line of Section 22 Elevation 6678
 (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 BY: JOSEPH C. HARTEN

Date January 28, 1958 Title Petroleum Engineer

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

Commenced drilling 7-15, 19 57 Finished drilling 7-21, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5230 to 5244 No. 4, from _____ to _____
 No. 2, from 5254 to 5270 No. 5, from _____ to _____
 No. 3, from _____ to _____ 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
3/4	172	150	irculated		
1/2	324	300	Single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material disked ball socket Size 2-3/8" x 5-1/2" x 3/4"

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to 5343 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----11-21-----, 1957 Put to producing -----1-24-----, 1958

The production for the first 24 hours was 45 barrels of fluid of which 10% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	710	710	Interbedded ss and sh.
710	830	120	Ojo Lamo ss. (quite cr-gra s.
830	1035	205	Kirtland form. Gry sh interbedded w/tight gry fine-gra ss.
1035	1565	530	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine grn ss.
1565	1705	140	Pictured Cliffs form. Gry, fine-grn tight, varicolored soft ss.
1705	2380	675	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
2380	4040	1660	Mesa Verde form. Gry, fine-grn, dense oil ss., carb sh & coal.
4040	4220	180	Point Lookout form. Gry, very fine sh ss w/frequent sh breaks.
4220	5030	810	Blancos formation. Gry carb sh.
5030	5545	515	Gallup form. Lt gry to brn carb carb micaceous glauco very fine gry ss w/irreg. interbed sh.
			Tops are from Electric Logs and Radioactivity Logs.

