



LOCATE WELL CORRECTLY

U.S. LAND OFFICE

U. S. LAND OFFICE _____

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
 Lessor or Tract San Juan 18-6 Unit Field So. Blanco P.C. Ext State New Mexico
 Well No. 16 Sec. 2 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
 Location 112 ft. N. of 1 Line and 90 ft. E. of 3 Line of Section 9 Elevation 6408

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 _____

Date November 28, 1966 Title Petroleum Engineer

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

Commenced drilling 2-11, 1960 Finished drilling 6-16, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3136 to 3222 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ 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
4 7/8	115	75	Circulated		
2 1/0	3231	70	single stg.		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material..... Size

SHOOTING RECORD

[illegible]

TOOLS USED

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

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

-----, 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 1,154,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1113 A.C.F. = 1176 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
	2400	2400	Tan to gry cr-grn ss interbedded w/gry sh.
Est. 2400	2500	100	Ojo Alamo ss. White cr-grn s.
Est. 2500	2657	157	Kirtland form. Gry sh interbedded w/tight gry fine gry ss.
Est. 2657	3130	473	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3130	3222	92	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3222	3250	28	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

[OVER]

16--43894-2

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Frac Pictured Cliffs Terr. Int. 3136-50; 3168-82 (2 Strip Jets/ft) w/39,216 gallons water, 20,000 lb/20 sand. Flushed w/2134 gallons. I.N. 13.0 BHM, Max. @ BDP 3200%, tr. pr. 1200-1400-1800-1800-2400#. Dropped 2 sets of 15 balls and 1 set 10 balls for 4 stages. Used 1 1/2 calcium chloride in frac water. @ 3/2/1960 gal water. Spotted 30 gal. acid w/cement job.