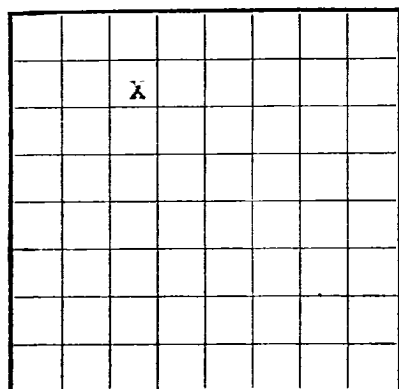


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080375-D**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
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 Sheets Field Largo Canyon Ext. State New Mexico
 Well No. 1-A Sec. 31 T. 20N R. 7W Meridian NMPM County Rio Arriba
 Location 809 ft. XXX of N Line and 1532 ft. E of W Line of Section 31 Elevation 6357'
 (Derive 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 Robert H. Adams
Date October 9, 1956 Title Petroleum Engineer

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

Commenced drilling 7-10-56, 1956 Finished drilling 8-29-56, 1956

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2163 to 2286 (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
9 5/8	122'	125	Circulated		
5 1/2	2301'	150	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 123 feet to 2301 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to 123 feet, and from _____ feet to _____ feet.

DATES

9-23-56, 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 1,903,000 ^{A.O.F. 2,234 MCFD.} Gallons gasoline per 1,000 cu. ft. of gas _____

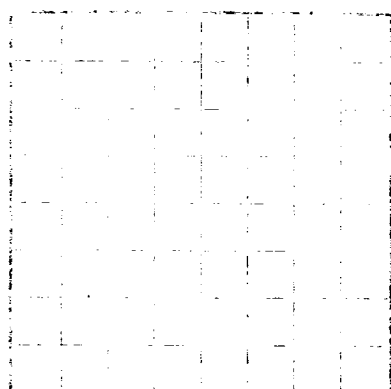
Rock pressure, lbs. per sq. in. 634

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1415	1415	Tan to gry cr-grn ss interbedded w/ gry sh.
1415	1595	180	Ojo Alamo ss. White cr-grn s.
1595	2004	409	Kirtland form. Gry sh interbedded w/ tight gry fine-grn ss.
2004	2163	159	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2163	2286	123	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2286	2301	15	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.



NEW PAGE 80 110 120 130 140

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Company _____
 Lesson or Title _____
 Well No. _____
 Location _____
 The formation described is _____
 and _____

RECEIVED
MAY 11 1960
U.S. AIR FORCE

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.

9-21-56 C.O.B.D. 2271. Perforated with 4 jet/ft. Interval 2180-2212, 2242-2262 water fractured fractured cliffs with 30,300 gallons water, 40,000 sand. Flush with 4000 gallons water. BHP 2500#, treating pressure 1500#, maximum pressure 1050#. Inject on rate 52.9 BHM.

water fractured fractured cliffs with 30,000 gallons water, 40,000 sand. Flush with 4000 gallons water. BDF 2500#. Treating pressure 1500#, maximum pressure 1050#. Inject on rate 52.9 B/M.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-50948-2

[illegible]