

U. S. LAND OFFICE
SERIAL NUMBER ~~Con.~~ #36, Tract #81
LEASE OR PERMIT TO PROSPECT

[illegible]

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 Mexico
Lessor or Tract Jicarilla Field Wildcat State New Mexico
Well No. 2-A Sec. 16 T. 24N R. 5W Meridian NMPM County Rio Arriba
Location 990 ft. [N.] of S Line and 890 ft. [E.] of W Line of Section 16 Elevation 6607'
(Describe location relative to land)

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.

As far as can be determined from all available records.
Signed W. F. Gault
Date August 28, 1956 Title Petroleum Engineer

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

Commenced drilling -----~~6-26-56~~-----, 19----- Finished drilling -----~~6-30-56~~-----, 19-----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2279 to 2415 (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. 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—	
9 5/8"	25.4	P.E.	S.W.	120'	Howco				Surface Production
5 1/2"	15.5	2-80	4-55	2405'	Baker				
2"	4.7	8-80	1-55	10000'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	132'	100	Circulated		
5 1/2"	2415'	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 0 feet to 24.5 feet, and from _____ feet to _____ feet

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

DATES

-----~~7-26-56~~-----, 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 2,001,000 ^{A.O.F. = 2,444 MCF/D.} Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----723-----

EMPLOYEES

_____, Driller _____ Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1728	1728	Tan to gry cr-grn ss interbedded w/gry sh.
1728	1936	208	Ojo Alamo ss. White cr-grn s.
1936	2108	172	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2108	2279	171	Fruitland form. Gry carb sh, scattered coals
2279	2415	136	coals and gry, tight, fine-grn ss. Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

U. S. LAND OFFICE
SPECIAL NUMBER
PLEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

100-441701-100

[illegible]

Completed during _____ 19____ finished during _____
The summary on this page is for the condition of the well as above date.
State _____

OIL OR GAS SANDS OR ZONES

(Derote du: 6-6)

No. 1 from _____ to _____	No. 4 from _____ to _____
No. 2 from _____ to _____	No. 5 from _____ to _____
No. 3 from _____ to _____	No. 6 from _____ to _____

IMPORTANT WATER SAVING

to No. 1 from No. 2 from

to No. 2 from No. 1 from

on 7-23-56 Pengs. w/ 1/4 Netex Jet SPT 2280-2286 & 2318-2360 water fractured
with 35,700 Gallons water and 50,000# sand. Finished with 2400 Gallons
Maximum pressure 1650#, BDP 1950# and circulating pressure 1650#. I.R.

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 "added" 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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

10 MUDGING AND CEMENTING RECORD

Year from the capture	Living birds	Dead birds	Number of eggs	Number of young	Number of eggs	Number of young
1900	1	1	1	1	1	1
1901	1	1	1	1	1	1
1902	1	1	1	1	1	1
1903	1	1	1	1	1	1
1904	1	1	1	1	1	1
1905	1	1	1	1	1	1
1906	1	1	1	1	1	1
1907	1	1	1	1	1	1
1908	1	1	1	1	1	1
1909	1	1	1	1	1	1
1910	1	1	1	1	1	1
1911	1	1	1	1	1	1
1912	1	1	1	1	1	1
1913	1	1	1	1	1	1
1914	1	1	1	1	1	1
1915	1	1	1	1	1	1
1916	1	1	1	1	1	1
1917	1	1	1	1	1	1
1918	1	1	1	1	1	1
1919	1	1	1	1	1	1
1920	1	1	1	1	1	1
1921	1	1	1	1	1	1
1922	1	1	1	1	1	1
1923	1	1	1	1	1	1
1924	1	1	1	1	1	1
1925	1	1	1	1	1	1
1926	1	1	1	1	1	1
1927	1	1	1	1	1	1
1928	1	1	1	1	1	1
1929	1	1	1	1	1	1
1930	1	1	1	1	1	1
1931	1	1	1	1	1	1
1932	1	1	1	1	1	1
1933	1	1	1	1	1	1
1934	1	1	1	1	1	1
1935	1	1	1	1	1	1
1936	1	1	1	1	1	1
1937	1	1	1	1	1	1
1938	1	1	1	1	1	1
1939	1	1	1	1	1	1
1940	1	1	1	1	1	1
1941	1	1	1	1	1	1
1942	1	1	1	1	1	1
1943	1	1	1	1	1	1
1944	1	1	1	1	1	1
1945	1	1	1	1	1	1
1946	1	1	1	1	1	1
1947	1	1	1	1	1	1
1948	1	1	1	1	1	1
1949	1	1	1	1	1	1
1950	1	1	1	1	1	1
1951	1	1	1	1	1	1
1952	1	1	1	1	1	1
1953	1	1	1	1	1	1
1954	1	1	1	1	1	1
1955	1	1	1	1	1	1
1956	1	1	1	1	1	1
1957	1	1	1	1	1	1
1958	1	1	1	1	1	1
1959	1	1	1	1	1	1
1960	1	1	1	1	1	1
1961	1	1	1	1	1	1
1962	1	1	1	1	1	1
1963	1	1	1	1	1	1
1964	1	1	1	1	1	1
1965	1	1	1	1	1	1
1966	1	1	1	1	1	1
1967	1	1	1	1	1	1
1968	1	1	1	1	1	1
1969	1	1	1	1	1	1
1970	1	1	1	1	1	1
1971	1	1	1	1	1	1
1972	1	1	1	1	1	1
1973	1	1	1	1	1	1
1974	1	1	1	1	1	1
1975	1	1	1	1	1	1
1976	1	1	1	1	1	1
1977	1	1	1	1	1	1
1978	1	1	1	1	1	

PLUGS AND ADAPTERS

Alabaster - Material	Size
Length	Depth set

SHOOTING RECORD

Size	Shelf life	Extractions used	Quantity	Date	Depth and	Depth cleaned and

TOOTS USED

What tools were used from	foot to	foot and from	foot to
What tools were used from	foot to	foot and from	foot to

2574

It is to be noted that the above information was obtained from the files of the Bureau of the Census, and is not to be used for any other purpose than the one for which it was obtained.

EMPLOYEES

10/10/11 10/10/11	10/10/11 10/10/11
----------------------	----------------------

FORMATION RECORD

FORMATION	THICKNESS	LOG	WELL
1. Sandstone, medium to coarse, gray, fossiliferous, with thin layers of shale.	150'	200'	1
2. Shale, gray, fossiliferous, with thin layers of sandstone.	100'	100'	2
3. Sandstone, medium to coarse, gray, fossiliferous, with thin layers of shale.	150'	200'	3
4. Shale, gray, fossiliferous, with thin layers of sandstone.	100'	100'	4
5. Sandstone, medium to coarse, gray, fossiliferous, with thin layers of shale.	150'	200'	5
6. Shale, gray, fossiliferous, with thin layers of sandstone.	100'	100'	6
7. Sandstone, medium to coarse, gray, fossiliferous, with thin layers of shale.	150'	200'	7
8. Shale, gray, fossiliferous, with thin layers of sandstone.	100'	100'	8
9. Sandstone, medium to coarse, gray, fossiliferous, with thin layers of shale.	150'	200'	9
10. Shale, gray, fossiliferous, with thin layers of sandstone.	100'	100'	10

FORMATION RECORD—Continued

GOVERN