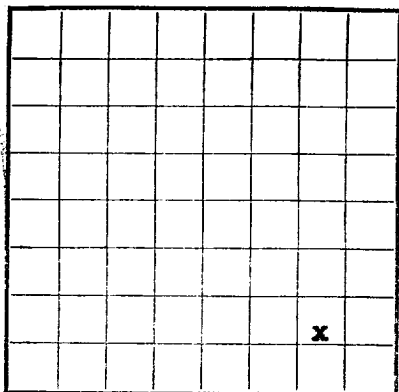




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078138
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 997, Farmington, New Mexico
Lessor or Tract Morris Field Antec P.C. State New Mexico
Well No. 4 Sec. 28 T. 30N. R. 11W. Meridian NMPM County San Juan
Location 990 ft. N. of 8 Line and 990 ft. E. of W. Line of Section 28 Elevation 5981'
(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 _____

Date April 6, 1956Title Petroleum Engineer

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

Commenced drilling February 9, 19 56 Finished drilling March 1, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2287 to 2334 (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	From	To	Purpose
9 5/8"	25.4	P.E.	S.W.	121'	Howco				Surface
7"	22.9	P.E.	S.W.	150'	Howco				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
7"	2289'	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

TOOLS USED

Rotary tools were used from 0 feet to 2289 feet, and from _____ feet to _____ feet
Cable tools were used from 2289 feet to 2334 feet, and from _____ feet to _____ feet

DATES

March 2, 19 56 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 Absolute Open Flow
266,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 639

EMPLOYEES

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

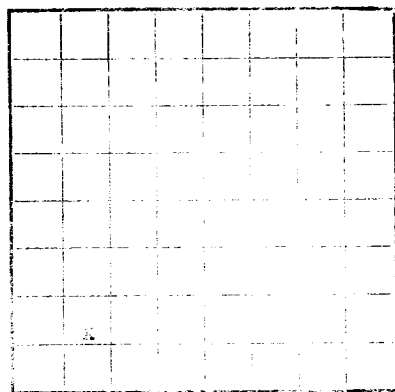
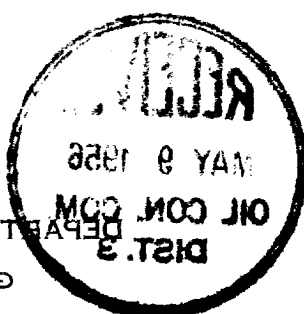
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	465	465	Tan cr-grn ss w/thin sh breaks.
465	700	235	Variegated sh w/thin ss breaks.
700	896	196	Tan to gry cr-grn ss interbedded w/gry sh.
896	980	84	Ojo Alamo ss. White cr-grn s.
980	1980	1000	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1980	2287	307	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2287	2334	47	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

FORMATION RECORD—Continued

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

LOCATE WITH OBJECT

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 _____

Location _____
Date _____
Time and date of _____
Well No. _____
See Serial _____
Section _____
Twp. _____
Range _____
County _____
State _____
Address _____
Company _____

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

Completed drilling _____ 19____

Date _____ 19____

OIL OR GAS SANDS OR ZONES

(b) (5) DPP, (b) (5) ACP

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 SANDS

No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to

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 the 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, 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.

HISTORY OF OIL OR GAS WELL

U.S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued