

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Santa Fe

076507

14-08-001-569

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 San Juan 32-9 Unit Field Blanco State New Mexico
Well No. 36 Sec. 35 T. 32N R. 10W Meridian 104M County San Juan
Location 818 ft. [S.] of N Line and 1757 ft. [W.] of E Line of Section 35 Elevation 6146'
(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

Petroleum Engineer

Date October 17, 1956

Title

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

Commenced drilling 9-5-56, 19 Finished drilling 9-16-56, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2972 to 3055 (G) No. 4, from 5240 to 5446 (G)
No. 2, from 4843 to 4924 (G) No. 5, from _____ to _____
No. 3, from 4924 to 5240 (G) 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	
10 3/4"	32.75	P.R.	S.M.	161'	Blanco				Surface
7 1/2"	28.75	P.R.	S.M.	101'	Blanco				Intermediate
5 1/2"	19.5	P.R.	S.M.	300'	Blanco				Well Log
2 1/2"	11.5	P.R.	S.M.	300'	Blanco				Well Log

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	173'	125	Circulated		
7 1/2"	317'	250	Single Stage		
5 1/2"	5483'	300	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

Gas Drilled

Rotary tools were used from 0 feet to 3117 feet, and from 3117 feet to 5483 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-22-56, 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 5,389,000 A.O.F. 17,180 MCF D. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1052

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undeveloped	2200	2200	Ojo Alamo ss. White cr-grn s.
2200	2530	330	Kirtland form. Gry sh interbedded w/ tight gry fine-grn ss.
2530	2972	442	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2972	3055	83	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3055	4843	1788	Lewis formation. Gry to white dense sh w/ silty to shaly ss breaks.
4843	4924	81	Cliff House ss. Gry, fine-grn, dense sil ss.
4924	5240	316	Menefee form. Gry, fine-grn s, carb sh & coal.
5240	5446	206	Point Lockout form. Gry, very fine sil ss w/ frequent sh breaks.
5446	5483	37	Mancos formation. Gry carb sh.

[illegible]

A circular black ink stamp. The word "DEVELOP" is curved along the top inner edge. Below it, "CO. 82" is stamped horizontally. At the bottom, "MOC NOO JO" is stamped horizontally, and "E 12IG" is stamped vertically below it.

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FIG OF OIL OR GAS WELL

LOCATE WELL CORRELATE

The information given in this report is a complete and correct record of the work done in the well and all work done in connection with the well.

Location of well: 1/2 mile N. of ...

Well No. ...

Person or firm in charge: ...

Title: ...

Address: ...

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its goals. The second step is to analyze the problem. This involves identifying the causes of the problem and determining the impact of the problem. The third step is to develop a solution. This involves identifying the actions that need to be taken to solve the problem. The fourth step is to implement the solution. This involves putting the solution into action. The fifth step is to evaluate the results. This involves determining whether the solution has been successful in solving the problem.

[illegible]

and 69,000 gal. water. Placed with 61,000 gallons water
and 69,000 gal. sand. Finished with 500 gallons. All pressures

I.R. 647 HM. Max. pr. 1950%, average trading business 1500%.
 FURNISHED WITH 61,000 GALLONS WATER & 50,000 LBS. PULP WITH 6000 GALLONS.
 5276-50, 5280-5300.

Fabricated with 50,000 Gallons water and 7,000 sand. Sealed off. Medium pressure 9-50's, avg. 3000'. Average treating pressure 2050' I.R. #9 MIN.

9-20-56 B.P. # 5380

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 "detached" 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 piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling of shot.

HISTORY OF OIL OR GAS WELL

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WORD / ANSWER

FORMATION RECORD—Continued