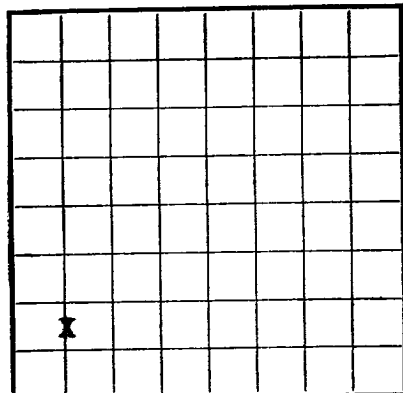
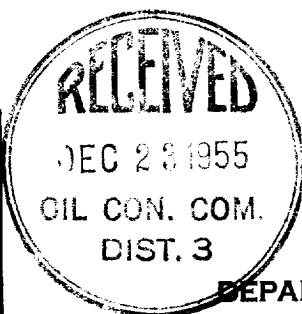




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078504
LEASE OR PERMIT TO PROSPECT 14-08-001-569UNITED 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 San Juan 32-9 Unit Field Blanco State New Mexico
Well No. 27 Sec. 23 T2N R10W Meridian NMPM County San Juan
Location 940 ft. N. of S Line and 1040 ft. E. of W Line of Section 23 Elevation 6993'
(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 D. C. JohnstonDate December 5, 1955Title Petroleum Engineer

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

Commenced drilling October 3, 1955 Finished drilling October 26, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3792 to 3832 No. 4, from 6120 to 6235 G
No. 2, from 5660 to 5732 No. 5, from 6120 to 6235
No. 3, from 5732 to 6120 No. 6, from 6120 to 6235

IMPORTANT WATER SANDS

No. 1, from 3792 to 3832 No. 3, from 5732 to 6120
No. 2, from 5660 to 5732 No. 4, from 6120 to 6235

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Length	Class of shoe	Out and pulled from	Perforated	Purpose
9 5/8"	25.44	P.E.	S.W.	173'	Howco			Surface
7"	18.50	P.E.	S.W.	1655'	Howco			Intermediate
5 1/2"	11.50	P.E.	S.W.	6196'	Howco			Production
2"	4.74	8 RD	J-55	6196'				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	188'	125	Circulated		
7"	3891'	250	Single Stage		
5 1/2"	6265'	220	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

Gas Drilled

Rotary tools were used from 0 feet to 3891 feet, and from 3891 feet to 6265 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 2, 1955 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 3,400,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 970

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	495	495	Tan cr-grn ss w/thin sh breaks.
495	1122	627	Variegated sh w/thin ss breaks.
1122	3045	1923	Tan to gry cr-grn ss interbedded w/gry sh.
3045	3350	305	Ojo Alamo undeveloped.
3350	3792	442	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3792	3832	40	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3832	5660	1828	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
5660	5732	72	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5732	6120	388	Cliff House ss. Gry, fine-grn, dense sil ss.
6120	6235	115	Mensee form. Gry, fine-grn s, carb sh & coal.
6235	6265 T.D.	30	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
			Mancos formation. Gry carb sh.

LEAD OR POINT TO PROSECUTE
SERIAL NUMBER
U. S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. A small black 'x' mark is located in the bottom right corner of the grid, specifically at the intersection of the 9th column from the left and the 7th row from the top.

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Location of _____ of _____ line and _____ of _____

Well No. _____ Section _____ Range _____ Meridian _____

Lessor or Trust _____

Company _____

Address _____

State _____

County _____

Elevation _____

Time of _____

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

Date _____

NO GAS SANDS OR ZONES

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, 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.

10-28-55. Total depth 6265', cleanout depth 6237'. Water fractured Point Lookout and Nantuxet formations. Interval treated 6170-6190 and 6196-6205 in Point Lookout and 5930-5940, 5968-5980, 6006-6040, and 6075-6095 in Nantuxet formation. (turn pert. 4 holes/ft.). Treated down cas. w/38,000 gallons water and 40,000# sand. Breakdown pressure 1650 psi, max. treating press. 1800 psi, average treating press. 1500 psi. Average injection rate 46 bbls./min. Flush 6200 gallons. No gases natural.

10-28-55. Total depth 6265' (10-28-55). Water fractured Cliff House formation. Interval treated 5698-5730 and 5768-5780 (turn pert. 4 holes/ft.). Treated with 37,130 gallons water and 45,000# sand. Breakdown pressure 1350 psi, maximum and average treating pressure 1500 psi. Average injection rate 58.5 bbls./min. Flush 5020 gallons. No gases natural.

HISTORY OF OIL OR GAS WELL

[illegible]