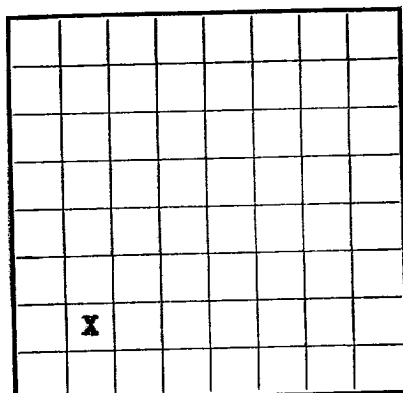


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080424
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR JUL 13 1955
GEOLOGICAL SURVEY U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Van Hook Field Blanco State New Mexico
Well No. 1 Sec. 27 T. 32N R. 11W Meridian NMPM County San Juan
Location 800 ft. N. of S. Line and 1090 ft. E. of W. Line of Sec. 27 Elevation 6156
(Derrick floor relative to BLM)
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 J. E. Duffell
Date July 8, 1955 Title Petroleum Engineer

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

Commenced drilling May 8, 1955 Finished drilling June 2, 1955OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2869 to 2952 (G) No. 4, from 5155 to 5283 (G)
No. 2, from 4615 to 4768 (G) No. 5, from _____
No. 3, from 4768 to 5155 (G) No. 6, from _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
9 5/8"	25.47	8	S.W.	161	Howe			Producing
7"	20	8	S.W.	161	Howe			Producing
2"	4.7	8 RD	J-55	5272				Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	171'	125	Circulated		
7"	4320'	500	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 _____ feet to 4321 feet, and from 4321 feet to 5300 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 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 9,475,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1048

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	840	840	Tan cr-grn ss w/thin sh breaks.
840	1585	745	Variegated sh w/thin ss breaks.
1585	2070	485	Tan to gry cr-grn ss interbedded w/gry sh.
2070	2148	78	Ojo Alamo ss. White cr-grn ss.
2148	2500	352	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2500	2869	369	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2869	2952	83	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2952	4615	1663	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4615	4768	153	Cliff House ss. Gry, fine-grn, dense sil ss.
4768	5155	387	Menefee form. Gry, fine-grn s, carb sh & coal.
5155	5283	128	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5283	5300 T.D.	17	Mancos formation. Gry carb sh.

FROM—

TO—

TOTAL FEET (OVER)

FORMATION RECORD—CONTINUED

100-443890-100

100 OF OUT OF GAS WELL

the following information is for the use of the Bureau of the Census and is not to be used for any other purpose.

NO. 100-100000-100000

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, size, position, and number of string, "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shot. "Setting in" holes, wedges, etc., to feel for water. State kind of material used in setting in position and reason of pumping or balling.

Treated 4320' - 4800'. Treatment 17,800 gallons #2 diesel oil & 15,000 lb. BDP 1350 psi, maximum pressure 1400 psi. Injection rate 11.0 bbls./min. Flush 2250 gallons. Natural gas 130 MCF/D.

June 3, 1955. I.D. 5300'. Set retainer in formation at 5057'. Interval treated 5057' - 5300'. Treatment 10,500 gallons #2 diesel oil & 16,000 lb. reg. sand. BDP same, maximum pressure 1200 psi, minimum pressure 1050 psi. Injection rate 11.9 bbls./min. Flush 2200 gallons. Natural gas 560 MCF. 96 hr. Sage Cliff House, 1790 MCF/D. Total gas 8330 MCF/D.

June 11, 1955. I.D. 4800'. Treatment 17,800 gallons #2 diesel oil & 15,000 lb. BDP 1350 psi, maximum pressure 1400 psi. Injection rate 11.0 bbls./min. Flush 2250 gallons. Natural gas 130 MCF/D.

June 3, 1955. I.D. 5300'. Set retainer in formation at 5057'. Interval treated 5057' - 5300'. Treatment 10,500 gallons #2 diesel oil & 16,000 lb. reg. sand. BDP same, maximum pressure 1200 psi, minimum pressure 1050 psi. Injection rate 11.9 bbls./min. Flush 2200 gallons. Natural gas 560 MCF. 96 hr. Sage Cliff House, 1790 MCF/D. Total gas 8330 MCF/D.

HISTORY OF OIL OR GAS WELL.

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

[illegible]

FORMATION RECORD—Continued