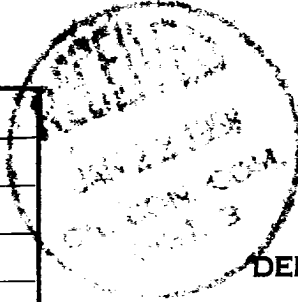


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078856
LEASE OR PERMIT TO PROSPECT



X							

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address P. O. Box 1565, Farmington, N. Mex.
 Lessor or Tract Sullivan Field Wildcat State New Mexico
 Well No. 2-F Sec. 32 T. 27 N R. 12 W Meridian NMPM County San Juan
 Location 1750 ft. N. of S. Line and 990 ft. E. of W. Line of Sec. 32 Elevation 5452
(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 Garrett Turner
 Date January 10, 1958 Title Petroleum Engineer

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

Commenced drilling 1-2, 1957 Finished drilling 1-10, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4892 to 4906 No. 4, from _____ to _____
 No. 2, from 4926 to 4958 No. 5, from _____ to _____
 No. 3, from 4906 to 4996 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. E.	S. W.	161	Baker				Surface
7-5/8	24.40	P. E.	S. W.	1000	Baker				Producing
5-1/2	19.50	P. E.	S. W.	1175	Baker			4892-4906	Producing
HISTORIA OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	172	150	Circulated		
7-5/8	3945	250	Single Stage		
5-1/2	3870-5063	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material Baker EQ Size 5-1/2 at 4862

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See "Remarks"				

TOOLS USED

Rotary tools were used from 0 feet to 5071 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-23, 1957 Put to producing 10-9, 1957
 The production for the first 24 hours was 281 barrels of fluid of which 100 % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, API 39.2
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

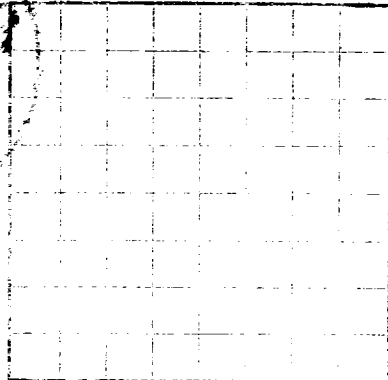
_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	880	880	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
880	1145	265	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine grn ss.
1145	1430	285	Pictured Cliffs form. gry, fine-grn tight, vari-colored ss.
1430	2000	570	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
2000	3623	1623	Mesaverde form. Gry, fine-grn, dense sil ss., carb sh & coal.
3623	3880	257	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
3880	4737	857	Mancos formation. Gry carb sh.
4737	5071	334	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATION OF WELL CORRECTLY

Company Name, Address, Field, State, County, Section, Township, Range, Meridian, Location of well, Date of completion, and other well details.

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

Oil or Gas Sands or Zones: No. 1 from, No. 2 from, No. 3 from.

Important Water Sands: No. 1 from, No. 2 from, No. 3 from. Includes details on rubber balls and other materials used.

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.

HISTORY OF OIL OR GAS WELL

Table with columns for Date, Quantity, Method used, and Description. Sections include: SHOOTING RECORD, PLUGS AND ADAPTERS, TOOLS USED, EMPLOYEES, FORMATION RECORD, and MUDDING AND CEMENTING RECORD.