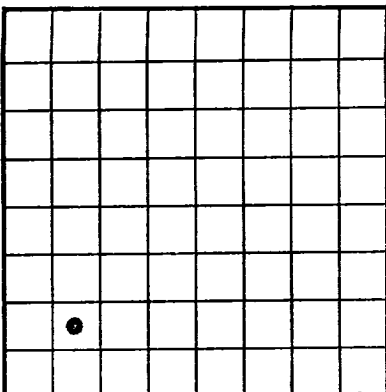




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1104 Bart Bldg., Dallas, Texas
Lessor or Tract Hale Field Blanco-LaPlata State New Mexico
Well No. 2 Sec. 27 T. 91N R. 34 Meridian N.M.P.M. County San Juan
Location 990 ft. {N} of S Line and 990 ft. {E} of W Line of Sec. 27 Elevation 6330' OL
(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.

SO far as can be determined from the information furnished by the above named person, the following is a list of the names of the persons who have been in contact with the above named person, and the dates of such contact:

Date November 3, 1952

Signed Van Thompson
Van Thompson
Title Manager Exploration Dept.

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

Commenced drilling May 27, 1952, 19----- Finished drilling September 10, 1952, 19-----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4904 (Est.) to 5134 (Est.) 0 No. 4, from ----- to -----
 No. 2, from 5449 " to 5880 " 0 No. 5, from ----- to -----
 No. 3, from ----- to ----- No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	40.5		H-40	190					Surface Production
5 1/2	18.5		3-52	100					
2 1/2	11.7		0-95	100					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	205'	100	Halliburton		
5 1/2"	4840	225	"		

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
		Well was not shot				

TOOLS USED

Rotary tools were used from 0 feet to 4840 feet, and from feet to feet

Cable tools were used from 4840 feet to 5780 feet, and from feet to feet

DATES

October 21, 1952, 19_____ Put to producing _____, 19_____
 barrels of fluid of which % was oil: %

October 21, 1952
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 2930 MCF (6 hr.) Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. **1072# Shut in 888 hours**

EMPLOYEES

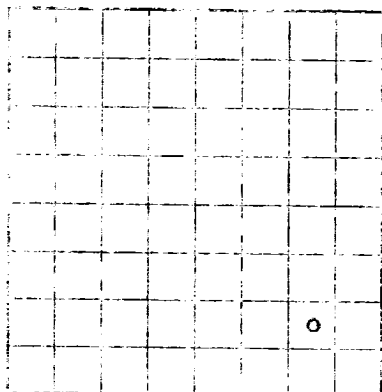
EMPLOYEES	
H. B. Lynn Drilling Co. Contractor	Driller - Rotary
Well, Inc. Cable Tool Contractor	Driller
	C. B. Winters
	E. F. Pinkerton

FORMATION RECORD

		FORMATION	
FROM—	TO—	TOTAL FEET	
0	235	235	Surface sand
235	1187	952	Shale and sand
1187	1573	186	Shale
1573	1667	94	Sand and shale
1667	1732	65	Shale
1732	1737	5	Shale and sand
1737	1903	166	Shale
1903	2018	115	Sand, shale and lime
2018	2235	217	Sand and shale
2235	2262	27	Shale
2262	2316	57	Shale and sand
2316	2341	25	Hard shale
2341	2400	59	Shale
2400	2444	44	Shale and sand
2444	2561	117	Shale
2561	2615	54	Shale and sand
2615	2734	119	Shale
2734	2886	152	Sand and shale
2886	3000	114	Shale
3000	3089	89	Sand, coal and shale
3089	3123	34	Sand and shale
3123	3203	80	Shale and carbon
3203	3296	93	Sand, shale and coal
3296	3306	10	Shale
3306	3357	51	Sand and shale
3357	3427	70	Shale

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company, _____
Address, _____
Field, _____
County, _____
State, _____
Well No., _____
Location of well, _____
The information given here is for the purpose of identifying the well and its location. It is not to be used for any other purpose.

OIL OR GAS BANDS OF INTEREST

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 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 its results. If there were any changes made in the casing, state fully, and if any casing was destroyed 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

DATE	DESCRIPTION	DEPTH, FEET	FORMATION
1901	Drilled to 100 feet	100	Sand and shale
1902	Drilled to 200 feet	200	Sand and shale
1903	Drilled to 300 feet	300	Sand and shale
1904	Drilled to 400 feet	400	Sand and shale
1905	Drilled to 500 feet	500	Sand and shale
1906	Drilled to 600 feet	600	Sand and shale
1907	Drilled to 700 feet	700	Sand and shale
1908	Drilled to 800 feet	800	Sand and shale
1909	Drilled to 900 feet	900	Sand and shale
1910	Drilled to 1000 feet	1000	Sand and shale
1911	Drilled to 1100 feet	1100	Sand and shale
1912	Drilled to 1200 feet	1200	Sand and shale
1913	Drilled to 1300 feet	1300	Sand and shale
1914	Drilled to 1400 feet	1400	Sand and shale
1915	Drilled to 1500 feet	1500	Sand and shale
1916	Drilled to 1600 feet	1600	Sand and shale
1917	Drilled to 1700 feet	1700	Sand and shale
1918	Drilled to 1800 feet	1800	Sand and shale
1919	Drilled to 1900 feet	1900	Sand and shale
1920	Drilled to 2000 feet	2000	Sand and shale
1921	Drilled to 2100 feet	2100	Sand and shale
1922	Drilled to 2200 feet	2200	Sand and shale
1923	Drilled to 2300 feet	2300	Sand and shale
1924	Drilled to 2400 feet	2400	Sand and shale
1925	Drilled to 2500 feet	2500	Sand and shale
1926	Drilled to 2600 feet	2600	Sand and shale
1927	Drilled to 2700 feet	2700	Sand and shale
1928	Drilled to 2800 feet	2800	Sand and shale
1929	Drilled to 2900 feet	2900	Sand and shale
1930	Drilled to 3000 feet	3000	Sand and shale
1931	Drilled to 3100 feet	3100	Sand and shale
1932	Drilled to 3200 feet	3200	Sand and shale
1933	Drilled to 3300 feet	3300	Sand and shale
1934	Drilled to 3400 feet	3400	Sand and shale
1935	Drilled to 3500 feet	3500	Sand and shale
1936	Drilled to 3600 feet	3600	Sand and shale
1937	Drilled to 3700 feet	3700	Sand and shale
1938	Drilled to 3800 feet	3800	Sand and shale
1939	Drilled to 3900 feet	3900	Sand and shale
1940	Drilled to 4000 feet	4000	Sand and shale
1941	Drilled to 4100 feet	4100	Sand and shale
1942	Drilled to 4200 feet	4200	Sand and shale
1943	Drilled to 4300 feet	4300	Sand and shale
1944	Drilled to 4400 feet	4400	Sand and shale
1945	Drilled to 4500 feet	4500	Sand and shale
1946	Drilled to 4600 feet	4600	Sand and shale
1947	Drilled to 4700 feet	4700	Sand and shale
1948	Drilled to 4800 feet	4800	Sand and shale
1949	Drilled to 4900 feet	4900	Sand and shale
1950	Drilled to 5000 feet	5000	Sand and shale
1951	Drilled to 5100 feet	5100	Sand and shale
1952	Drilled to 5200 feet	5200	Sand and shale
1953	Drilled to 5300 feet	5300	Sand and shale
1954	Drilled to 5400 feet	5400	Sand and shale
1955	Drilled to 5500 feet	5500	Sand and shale
1956	Drilled to 5600 feet	5600	Sand and shale
1957	Drilled to 5700 feet	5700	Sand and shale
1958	Drilled to 5800 feet	5800	Sand and shale
1959	Drilled to 5900 feet	5900	Sand and shale
1960	Drilled to 6000 feet	6000	Sand and shale
1961	Drilled to 6100 feet	6100	Sand and shale
1962	Drilled to 6200 feet	6200	Sand and shale
1963	Drilled to 6300 feet	6300	Sand and shale
1964	Drilled to 6400 feet	6400	Sand and shale
1965	Drilled to 6500 feet	6500	Sand and shale
1966	Drilled to 6600 feet	6600	Sand and shale
1967	Drilled to 6700 feet	6700	Sand and shale
1968	Drilled to 6800 feet	6800	Sand and shale
1969	Drilled to 6900 feet	6900	Sand and shale
1970	Drilled to 7000 feet	7000	Sand and shale
1971	Drilled to 7100 feet	7100	Sand and shale
1972	Drilled to 7200 feet	7200	Sand and shale
1973	Drilled to 7300 feet	7300	Sand and shale
1974	Drilled to 7400 feet	7400	Sand and shale
1975	Drilled to 7500 feet	7500	Sand and shale
1976	Drilled to 7600 feet	7600	Sand and shale
1977	Drilled to 7700 feet	7700	Sand and shale
1978	Drilled to 7800 feet	7800	Sand and shale
1979	Drilled to 7900 feet	7900	Sand and shale
1980	Drilled to 8000 feet	8000	Sand and shale
1981	Drilled to 8100 feet	8100	Sand and shale
1982	Drilled to 8200 feet	8200	Sand and shale
1983	Drilled to 8300 feet	8300	Sand and shale
1984	Drilled to 8400 feet	8400	Sand and shale
1985	Drilled to 8500 feet	8500	Sand and shale
1986	Drilled to 8600 feet	8600	Sand and shale
1987	Drilled to 8700 feet	8700	Sand and shale
1988	Drilled to 8800 feet	8800	Sand and shale
1989	Drilled to 8900 feet	8900	Sand and shale
1990	Drilled to 9000 feet	9000	Sand and shale
1991	Drilled to 9100 feet	9100	Sand and shale
1992	Drilled to 9200 feet	9200	Sand and shale
1993	Drilled to 9300 feet	9300	Sand and shale
1994	Drilled to 9400 feet	9400	Sand and shale
1995	Drilled to 9500 feet	9500	Sand and shale
1996	Drilled to 9600 feet	9600	Sand and shale
1997	Drilled to 9700 feet	9700	Sand and shale
1998	Drilled to 9800 feet	9800	Sand and shale
1999	Drilled to 9900 feet	9900	Sand and shale
2000	Drilled to 10000 feet	10000	Sand and shale

FORMATION RECORD—Continued