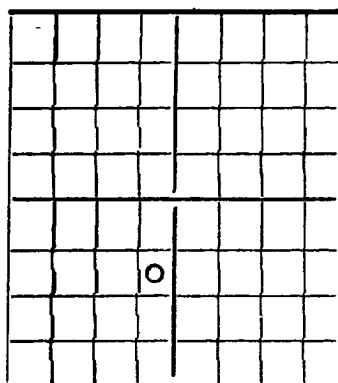


N.

NEW-MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-105 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Southern Union Gas Company

1104 Burt Building, Dallas, Texas

Company or Operator

Address

Lease Thompson Well No. 1 Thompson in NE SW of Sec. 20, T. 17 South

R. 28 East, N. M. P. M., Red Lake Field, Tady County.

Well is 1550 feet north of the North line and 2310 feet east of the East line of Section 20.

If State land the oil and gas lease is No. B-2178 Assignment No. 8.

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Southern Union Gas Company, Address Dallas, Texas

Drilling commenced July 11, 1944. Drilling was completed August 17, 1944.

Name of drilling contractor Brewer Drilling Company, Address Artesia, New Mexico

Elevation above sea level at top of casing 3628 feet.

The information given is to be kept confidential until 19 _____.

OIL SANDS OR ZONES

No. 1, from 708 to 710 Show G. No. 4, from 1928 to 1933 O. & G.

No. 2, from 1415 to 1420 Show O. & G. No. 5, from _____ to _____

No. 3, from 1893 to 1906 O. & G. No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 305 to 308 feet.

No. 2, from 1183 to 1218 feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO		PURPOSE
8 1/2"	32lb.			600	Regular	None			Drilling
6-5/8"	20lb.			1803	"	None			Producing
3" Tubing				1936		None	1878	1878	"

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8 1/2"	600	50	Halliburton		
	6-5/8"	1803	100	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Glycerine	70 lbs	8-13-44	1941	

Results of shooting or chemical treatment Increased Flow of Oil.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 1941 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 8-20-44, 19 _____.

The production of the first 24 hours was 65 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. C. Group, Driller J. E. Early, Driller

V. A. Lane, Driller _____, Driller _____

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 22nd

day of September, 1944

Louise Simpson
Louise Simpson Notary Public.

My Commission expires June 1, 1945

Name Law Thompson

Position _____

Representing Southern Union Gas Company

Address Dallas, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	12	12	Boulders
12	20	8	Red Bed
20	40	20	Red Bed
40	50	10	Sand
50	75	25	Red Bed
75	100	25	Anhydrite
100	155	55	Red Shale
155	185	30	Anhydrite
185	200	15	Red Shale
200	245	45	Anhydrite
245	250	5	Red Shale
250	315	65	Anhydrite - Water from 305 to 308 - 4' bailers per hour
315	370	55	Anhydrite
370	420	50	Red Bed
420	422	2	Red Shale
422	435	13	Anhydrite
435	450	15	Red Shale
450	469	19	Anhydrite
469	475	6	Red Shale
475	487	12	Anhydrite
487	525	38	Anhydrite and Red Bed
525	538	13	Anhydrite
538	539	1	Red Shale
539	546	7	Anhydrite
546	559	13	Red Shale
559	560	1	Red Bed
560	600	40	Anhydrite - Ran 600' of 8 1/2" Casing, cemented with 50 sacks cement.
600	637	37	Anhydrite
637	640	3	Red Shale
640	720	80	Anhydrite - Show of Gas from 708 to 710 feet
720	940	220	Anhydrite
940	955	15	Red Sandy Shale
955	965	10	Anhydrite
965	1005	40	Anhydrite - Broken
1005	1085	80	Anhydrite
1085	1110	25	Anhydrite - Broken
1110	1160	50	Anhydrite
1160	1173	13	Anhydrite - Broken
1173	1175	2	Anhydrite - Blue
1175	1190	15	Red Sand - Top of Red Sand at 1183' - 2/3 bailer water per hour from 1177' to 1190'
1190	1210	20	Red Sand
1210	1250	40	Anhydrite
1250	1286	36	Anhydrite
1286	1290	4	Shale - Blue.
1290	1330	40	Anhydrite
1330	1345	15	Lime - Gray
1345	1350	5	Anhydrite
1350	1360	10	Red Sand
1360	1370	10	Anhydrite
1370	1400	30	Anhydrite - Broken
1400	1415	15	Anhydrite - Broken
1415	1420	5	Sand - Show of Oil and Gas at 1415-1420 feet
1420	1425	5	Anhydrite
1425	1431	6	Anhydrite - Broken
1431	1437	6	Anhydrite
1437	1447	10	Sand
1447	1450	3	Red Shale
1450	1460	10	Red Rock (Sandy)
1460	1470	10	Lime - Gray
1470	1550	80	Anhydrite
1550	1560	10	Red Sand
1560	1592	32	Anhydrite
1592	1595	3	Lime
1595	1630	35	Anhydrite
1630	1650	20	Lime
1650	1665	15	Lime - Broken
1665	1675	10	Lime - Gray
1675	1700	25	Lime - Hard
1700	1710	10	Lime - Gray
1710	1730	20	Lime
1730	1745	15	Lime - Gray
1745	1760	15	Lime - Broken
1760	1775	15	Lime
1775	1795	20	Lime - Broken - Sandy
1795	1803	8	Lime - Ran 1803 feet of 6-5/8" Casing, 100 sacks cement
1803	1810	7	Lime
1810	1846	36	Lime - Broken
1846	1856	10	Broken Lime
1856	1890	34	Lime - Hard
1890	1895	5	Lime
1895	1906	11	Sand - Oil and Gas
1906	1913	7	Broken Lime
1913	1916	3	Lime
1916	1920	4	Shale - Red
1920	1928	8	Lime
1928	1933	5	Lime - Sandy - Medium
1933	1938	5	Lime - Hard - Gray
1938	1941 T.D.	3	Lime - Total Depth

Shot with 70 qts glycerine - put 80 feet of
gravel on shot.

Ran 1936 feet of 2-inch tubing with American
Packer.

SHOT RECORD

70 qts. 1941