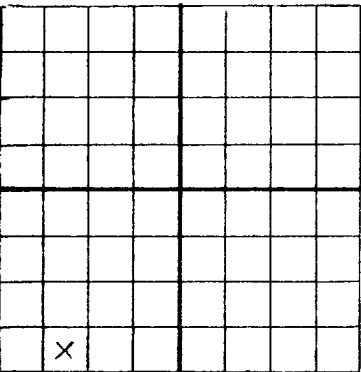


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NEW MEXICO OIL CONSERVATION COMMISSION

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.

Southern Union Gas Company, 1104 Burt Building, Dallas, Texas
Company or Operator Address
Van Thompson Well No. 4 in SW¹/₄ of Sec. 20, T. 17 South
Lease
R. 28 East N. M. P. M. Red Lake Field, Eddy County.
Well is 330 feet north of the ~~west~~ line and 990 feet east of the ~~west~~ line of Section 20
If State land the oil and gas lease is No. B-2178 Assignment No. 2
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is Southern Union Gas Company Address 1104 Burt Bldg., Dallas, Texas
Drilling commenced October 20 1944 Drilling was completed November 24 1944
Name of drilling contractor Brewer Drilling Company Address Artesia, New Mexico
Elevation above sea level at top of casing 3562 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 415' to 427' Show of Gas No. 4, from 1310 to 1315 Gas
No. 2, from 585 to Light Show of No. 5, from 1791 to 1810 Oil
No. 3, from to oil 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 143' to 153 feet.
No. 2, from 1076 to 1095 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		PURPOSE
							FROM	TO	
8 1/2"	32#		O.D.	497'	Regular	None			Drilling
7"	20#		O.D.	1676'	"	None			Producing
				1836'	of 2" tubing				

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"	487	50	Halliburton		
	7"	1676	25	"		

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
		Nitroglycerin	40 qts	11-21-44	1788-1863	1863

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 1863 feet, and from feet to feet

PRODUCTION

Put to producing 19
The production of the first 24 hours was 100 bbls 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

A. E. Early Driller G. W. Watts Driller
W. A. Lane Driller Earl Arbogast 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 2nd day of January 1945 at Dallas, Texas Date 1-2-45 Name Van Thompson

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Soil
6	25	9	Pack Sand
25	80	55	Red Shale
80	90	10	Anhydrite
90	105	15	Shale - Red
105	145	38	Anhydrite
145	153	10	Water Sand
153	160	7	Anhydrite & Sand
160	250	90	Anhydrite
250	255	5	Shale - Red
255	270	15	Anhydrite
270	280	10	Shale - Red
280	320	40	Anhydrite - Red- Shale and Gyp
320	335	15	Anhydrite
335	345	10	Red Shale
345	365	20	Anhydrite and Shale
365	394	29	Anhydrite - Broken
394	400	6	Red Shale
400	410	10	Anhydrite - Broken
410	415	5	Shale - Red
415	440	25	Anhydrite - <u>Show of Gas from 415-427</u>
440	455	15	Red Shale
455	460	15	Anhydrite
460	465	5	Red Shale
465	487	22	Anhydrite - Ran 487' of 8 1/4" Cag. 50 sacks cement.
487	510	23	Anhydrite
510	520	10	Anhydrite - Broken
520	535	15	Anhydrite
535	550	15	Anhydrite - Broken
550	562	12	Anhydrite
562	575	13	Anhydrite - Broken
575	595	20	Anhydrite and Lime - <u>Light Show of Oil at 583</u>
595	785	190	Anhydrite
785	800	15	Anhydrite - Broken
800	855	55	Anhydrite
900	1010	110	Anhydrite - Broken
1010	1020	10	Anhydrite
1020	1076	50	Anhydrite - Broken
1076	1095	19	Red Sand - Hole Making 1 boiler water per hr.
1095	1100	5	Red Sand
1100	1215	115	Anhydrite - Broken
1215	1225	10	Lime Shells and anhydrite
1225	1260	45	Anhydrite, Lime Shells and Shale
1260	1300	40	Anhydrite - Broken
1300	1310	10	Lime - Broken
1310	1315	5	Sand - Gas
1315	1325	10	Lime - Broken
1325	1335	10	Anhydrite and Shale-Gas from 1310-1315'
1335	1421	86	Anhydrite - Broken
1421	1430	9	Lime
1430	1485	55	Anhydrite - Broken
1485	1500	15	Red Sand, Shale and Anhydrite Shells
1500	1525	25	Anhydrite - Broken
1525	1535	10	Lime - Grey
1535	1553	18	Lime - Grey
1553	1555	2	Sand
1555	1560	5	Sandy Lime
1560	1640	80	Lime - Grey
1640	1676	36	Grey Lime - Ran 1676' 7" O. L. cemented with 25 sacks
1676	1685	9	Lime
1685	1695	10	Grey Lime
1695	1702	7	Lime
1702	1704	2	Bentonite
1704	1723	19	Lime
1723	1732	9	Lime and Sandy Shale
1732	1739	7	Lime, bentonite and shale
1739	1771	32	Bentonite and Lime
1771	1785	14	Lime, grey and pink
1785	1791	6	Lime - <u>600' fluid</u>
1791	1805	14	Sand, oil and gas
1805	1810	5	Sand - <u>Well made 30 minute-heads first 5 hours</u>
1810	1840	30	Lime
1840	1857	17	White Lime
1857	1863	6	Lime - Grey shooting and cleaning out well