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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Southern Union Gas Company** 1104 Burt Building Dallas, Texas  
Company or Operator Address  
State 5 Well No. 5 in NE 1/4 of Sec. 29, T. 17 South  
Lease  
R. 28 East N. M. P. M. Red Lake Field, Eddy County.  
Well is 330 feet south of the North line and 1850 feet west of the East line of Sec. 29  
If State land the oil and gas lease is No. B-11538 Assignment No. \_\_\_\_\_  
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 February 23 19 45 Drilling was completed March 31 19 45  
Name of drilling contractor Brewer Drilling Company Address Artesia, New Mexico  
Elevation above sea level at top of casing 3586 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 715 to Show Oil No. 4, from 1850 to 1860 Oil  
No. 2, from 1367 to 1375 Show Gas No. 5, from 1880 to 1920 Oil  
No. 3, from 1412 to Gas and 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 None to \_\_\_\_\_ feet.  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ 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"	28#		O.D.	408'	Regular	None			Surface
7"	20#		O.D.	1800'	"	None			Producing

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8"	408'	50			
8"	7"	1765	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
		Nitroglycerin	160 qts.	3-23-45	1830-1915	1920

## Increased flow of oil

Results of shooting or chemical treatment \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 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 1920 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing \_\_\_\_\_ 19 \_\_\_\_\_  
The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % 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

H. C. Gracey, Driller Earl Howell, Driller  
T. P. Rogers, 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 24th  
day of April, 19 45

Arlene Rawls  
Notary Public  
ARLENE RAWLS  
Notary Public, Dallas County, Texas  
My Commission expires \_\_\_\_\_ Commission Expires June 1, 1948

Dallas, Texas April 24 1945  
Place Date  
Name W. J. Thompson  
Position Engineer  
Representing Southern Union Gas Company  
Company or Operator  
Address 1104 Burt Building, Dallas, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	5	5	Soil
5	9	4	Caliche
9	65	7	Red Bed
65	120	55	Gyp and Red Clay
120	200	80	Red Rock
200	225	25	Anhydrite
225	230	5	Gyp - Water
230	280	50	Anhydrite
280	310	30	Anhydrite
310	315	5	Red Rock
315	325	10	Anhydrite
325	355	30	Red Rock
355	360	5	Water Sand - Salty
360	385	25	Red Rock and Anhydrite Shells
385	395	10	Anhydrite - Ran 400' of 8" Casing - Cemented
395	685	290	Anhydrite
685	895	210	Anhydrite - Show of Oil at 715 feet
895	905	10	Anhydrite - Broken
905	1035	130	Anhydrite
1035	1065	30	Anhydrite - Broken
1065	1130	65	Anhydrite - Broken
1130	1150	20	Red Sand
1150	1367	217	Anhydrite
1367	1375	8	Lime, Sandy - Gas
1375	1390	15	Sandy Lime
1390	1400	10	Anhydrite and Red Rock - Broken
1400	1410	10	Anhydrite
1410	1425	15	Brown Sandy Lime
1425	1435	10	Anhydrite
1435	1440	5	Anhydrite - Broken - Increase in gas and show of oil at 1412.
1440	1480	10	Anhydrite - Broken
1480	1500	50	Anhydrite
1500	1515	15	Anhydrite and Red Rock
1515	1525	10	Anhydrite
1525	1540	15	Brown Lime
1540	1565	25	Anhydrite
1565	1750	185	Lime - Ran 1765 feet of 7-inch O.D. Cag. - 100 sacks of cement
1750	1838	88	Lime
1838	1850	12	Sand and Lime - Increase in gas - about 500' of fluid in hole at 1848
1850	1860	10	Lime - about 900' of fluid in hole
1860	1920	60	Lime - Total Depth