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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

X									

AREA 640 ACRES
LOCATE WELL CORRECTLY

SOUTHERN UNION GAS COMPANY

1104 Burt Building, Dallas, Texas

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.

State _____ Company or Operator _____ Address _____
 Well No. 3 in NE 1/4 of Sec. 29, T. 17 South
 R. 28 East, N. M. P. M., Red Lake Field, Eddy County.
 Well is 330 feet south of the North line and 990 feet west of the East line of Sec. 29
 If State land the oil and gas lease is No. 647 Assignment No. 302
 If patented land the owner is _____ Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is _____ Address _____
 Drilling commenced January 14, 1945 Drilling was completed February 24 1945
 Name of drilling contractor Brewer Drilling Company Address P. O. Box 556, Artesia, New Mexico
 Elevation above sea level at top of casing 3575 feet.
 The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES
 No. 1, from 1315 to 1350 Show of O. No. 4, from 1807 to 1804 Show O. & G.
1355 to 1370 Show of O. 1831 to 011
 No. 2, from 1395 to 011 No. 5, from _____ to _____
 No. 3, from _____ to _____ 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 180 to _____ feet.
300 to 320 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	
<u>8 1/2"</u>	<u>28 1/2</u>		<u>G.D.</u>	<u>486'</u>	<u>Regular</u>	<u>None</u>			<u>Surface</u>
<u>7"</u>	<u>20 1/2</u>		<u>G.D.</u>	<u>1697'</u>	<u>"</u>	<u>None</u>			<u>Producing</u>
<u>2" Tubing</u>				<u>1856' 3"</u>			<u>two joints from bottom</u>		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	<u>8 1/2"</u>	<u>486'</u>	<u>56</u>			
	<u>7"</u>	<u>1697'</u>	<u>100</u>			

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
		<u>Nitroglycerin</u>	<u>80 qts.</u>	<u>2-14-45</u>	<u>1790-1890</u>	
		<u>"</u>	<u>150 qts.</u>	<u>2-14-45</u>	<u>1930-1890</u>	<u>1890</u>

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 0 feet to 1880 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____ 19____
 The production of the first 24 hours was 75 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

Roy Hill Driller G. W. Satts 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 19th day of _____ 19____
 Dallas, Texas
 Notary Public
 My Commission expires _____
 Name J. C. Rawls Position Engineer Representing Southern Union Gas Company
 Address 1104 Burt Building, Dallas, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	5	5	Soil
5	10	5	Caliche
10	20	10	Sand
20	105	85	Red Shale
105	115	10	Gyp
115	150	35	Red Shale
150	155	5	Shale
155	210	55	Anhydrite - one bailer water per hr at 180'
210	255	45	Anhydrite
255	265	10	Gyp
265	275	10	Anhydrite
275	300	25	Red bed
300	320	20	Water Sand
320	330	10	Red Shale - 10 bailers water per hr. at 300 to 320
330	345	15	Red Shale
345	355	10	Anhydrite
355	390	35	Shale
390	430	40	Anhydrite
430	450	20	Anhydrite - Broken
450	468	8	Anhydrite
468	505	37	480' of 8" Cag. set at 468 with 50 sacks cement
505	565	60	Anhydrite
565	575	10	Anhydrite and Sand
575	785	210	Anhydrite
785	875	90	Anhydrite
875	935	60	Anhydrite - broken
935	1020	85	Anhydrite
1020	1028	8	Lime
1028	1045	17	Anhydrite
1045	1060	15	Anhydrite & Lime
1060	1090	30	Anhydrite
1090	1105	15	Red Sand
1105	1140	35	Anhydrite
1140	1315	175	Anhydrite
1315	1320	5	Sand - <u>Show of Gas</u>
1320	1355	35	Sand
1355	1370	15	Sand - <u>Show of Oil</u>
1370	1375	5	Sand
1375	1395	20	Anhydrite - Washed Sand. Shut down one hour testing; made 1/4 bailer oil per hr.
1395	1480	85	Anhydrite
1480	1490	10	Lime
1490	1520	30	Anhydrite - broken
1520	1540	20	Lime, gray
1540	1600	60	Gray Lime
1600	1610	10	Lime - brown
1610	1630	20	Lime - gray
1630	1645	15	Lime
1645	1655	20	Lime - Gray
1655	1675	10	Lime, brown
1675	1685	10	Lime - Gray - 1697' of 7" Cag. - 100 sacks cement
1704	1720	16	Lime
1720	1735	15	Lime and bentonite
1735	1759	34	Lime - broken
1759	1781	14	Lime
1781	1797	16	Gray Lime
1797	1802	5	Sandy Lime
1802	1804	2	Sand - <u>Show Oil & Gas</u>
1804	1820	16	Lime - Sandy and Broken
1820	1831	11	Lime
1831	1839	8	White Lime - Well tested 1 1/2 bailers oil per hr at 1831'
1839	1848	9	Lime - White
1848	1861	13	Lime - White
1861	1864	3	Lime - Gray
1864	1870	6	Lime
1870	1890	10	Gray Lime - Loading hole with Oil. Shot 1790 to 1820 with 80 qts. nitroglycerin; from 1839 to 1890 with 120 qts. 1/2 yd. gravel.
			Run 1896' 3" of 2" tubing