FORM C-105

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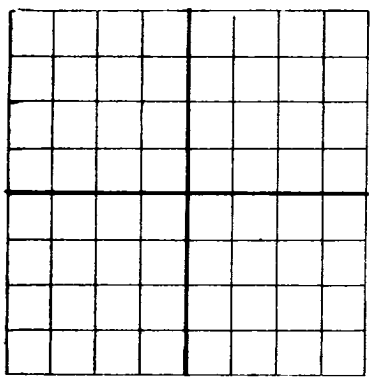

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Southern Union Gas Company (Company or Operator) 1104 Burt Building, Dallas, Texas (Address)

State (Lease) Well No. 6 in SE¼ of Sec. 19, T. 17 S.

R. 28 E, N. M. P. M., Red Lake Field, Eddy County County.

Well is 1650 feet North of the South line and 330 feet west of the East line of Sec. 19.

If State land the oil and gas lease is No. B-4456 Assignment No. 1

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Southern Union Gas Company, Address 1104 Burt Building, Dallas, Tex

Drilling commenced March 2 19 45 Drilling was completed April 3 19 45

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

Elevation above sea level at top of casing 3580 feet.

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

OIL SANDS OR ZONES

No. 1, from 1665 to 1672 Show Gas No. 4, from _____ to _____

No. 2, from 1814 to 1829 " " 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 205 to 210 feet. _____

No. 2, from 1125 to 1155 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	PERFORATED TO	PURPOSE
8¼"	28 lb.		O.D.	456	Regular	None			Surface
7"	20 lb.		O.D.	1718		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"	8¼"	456'	50	Halliburton		
8"	7"	1718'	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
	4"	nitroglycerin	130 qts	4-2-45	1900-1850	1922
	2½"	"	35 qts	4-2-45	1850-1815	

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 1922 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

Roy Hill, Driller R. H. Chapman, 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 24th day of April, 19 45

Dallas, Texas (Place) April 24, 1945 (Date)

Name R. H. Chapman

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	5	5	Soil
5	10	5	Caliche
10	40	30	Sand
40	75	35	Shale, Red
75	85	10	Shale, Red
85	112	27	Red Shale
112	145	33	Anhydrite
145	155	10	Red Shale
155	160	5	Anhydrite
160	165	5	Red Shale
165	195	30	Anhydrite
195	210	15	Anhydrite - Broken
210	245	35	Anhydrite - water from 205-210'
245	270	25	Anhydrite
270	275	5	Anhydrite - Broken
275	315	40	Red Shale
315	350	35	Anhydrite - broken
350	360	10	Shale
360	400	40	Anhydrite - broken
400	410	10	Shale
410	420	10	Anhydrite - broken
420	425	5	Red Shale
425	444	19	Anhydrite - Set 456' of 8¼" pipe with 50 sacks cement
444	485	37	Anhydrite - broken
485	500	15	Anhydrite
500	506	6	Lime
506	570	62	Anhydrite
570	610	40	Anhydrite - broken
610	815	205	Anhydrite
815	915	100	Anhydrite - broken
915	950	35	Anhydrite
950	1025	30	Anhydrite - broken
1025	1060	35	Anhydrite
1060	1100	40	Red Sand
1100	1125	25	Anhydrite and Lime
1125	1155	30	Anhydrite & hole making 3½ bailers water per hr.
1155	1180	25	Anhydrite and red rock
1180	1185	5	Brown Lime
1185	1310	125	Anhydrite
1310	1330	20	Anhydrite
1330	1340	10	Sand - Gas
1340	1380	40	Anhydrite
1380	1390	10	Sand
1390	1460	70	Anhydrite
1460	1490	30	Anhydrite - broken
1490	1510	10	Lime
1510	1515	5	Anhydrite - broken
1515	1540	25	Anhydrite
1540	1570	30	Lime
1570	1585	15	Lime - brown
1585	1605	20	Lime
1605	1630	25	Lime - brown
1630	1665	35	Lime
1665	1672	7	Sand - Oil and Gas Show
1672	1704	32	Lime
1704	1725	21	Lime - set 1718' of 7-inch Cag. with 100 sacks of cement
1725	1748	23	Lime
1748	1754	6	Broken Lime
1754	1775	21	Anhydrite - Shale and Lime
1775	1789	14	Lime
1789	1802	13	Lime - Pink
1802	1814	12	Lime
1814	1829	15	Sand - Oil and Gas
1829	1844	13	Lime - Broken
1844	1850	6	Lime - Pink
1850	1854	4	Lime - White
1854	1867	13	Lime
1867	1875	8	Lime - White
1875	1890	15	Lime
1890	1913	23	Lime
1913	1922	9	Lime - Sandy

Plugged back to 1900 with gravel. Well shot from 1900 to 1850 with 130 qts - 4" Shell; 1850 to 1815 with 35 qts. 3½" Shell.