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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

		28			

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.

SCHERMERHORN OIL CORPORATION

WOOLWORTH

Company or Operator

Lease

Woolworth Well No. 3 in NW-NW-SE of Sec. 28, T. 24S

R. 37-E, N. M. P. M., Mattix Field, Lea, County.

Well is 2970 feet south of the North line and 2310 feet west of the East line of Sec. 28

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

If patented land the owner is Elizabeth Woolworth, Address Jal, New Mexico

If Government land the permittee is, Address

The Lessee is Schermerhorn Oil Corporation, Address Big Spring, Texas

Drilling commenced October 11, 1938. Drilling was completed December 8, 1938

Name of drilling contractor Weier Drilling Co., Address Monahans, Texas

Elevation above sea level at top of casing 3233 feet.

The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 5,493 to 3,502 No. 4, from to

No. 2, from 3,525 to 3,533 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 540 to 555 feet. Hole full of water

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 FROM TO	PURPOSE
13"	40.5	8	L.W. 130'	Tex Pat.				Surface Pipe
10 1/2"	32.75	8	Smls. 840'	"				Water Shut of
8 5/8"	32	8	L.W. 1394'-2"	"				"
7"	22	10	Smls. 3225'-5"	"				Oil String
Note: 10" casing was pulled after the 8 5/8 casing was set.								

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2"	13" O.D.	140'	100	Pump and Plug	None	1 ton
9 1/2"	8 5/8" OD	1402'	200	"	None	None
8"	7" OD	3235'	150	"		None

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

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 toops were used from 0 feet to 3536 feet, and from feet to feet

PRODUCTION

Put to producing December 10, 1938

The production of the first 8 hours was 124 barrels of fluid of which 98 % was oil; 2 %

emulsion; 0 % water; and 0 % sediment. Gravity, Ba. 40.2

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

Rock pressure, lbs. per sq. in. Rock pressure unknown- casing 400 lbs.

EMPLOYEES

Thompson, Driller Lyons Tool Dresser

Edwards, Driller Jones Tool Dresser

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 16th

day of DECEMBER, 1938

Neil Reeves

Notary Public

My Commission expires June 1, 1939

Big Spring, Texas December 16, 1938

Name E. M. Farland

Position Clerk

Representing Schermerhorn Oil Corp.

Company or Operator

Address P. O. Box 70, Big Spring, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Caliche
50	100	50	Sand
100	140	40	Red Rock set 130'4" 13"OD 140
140	290	150	"
290	415	125	Blue Mud
415	515	100	Red Rock
515	540	25	Anhydrite and Gyp
540	555	15	Water and Sand
555	570	15	Hard red sand
570	750	180	Red rock sandy
750	780	30	Red rock
780	820	40	Red Rock
820	830	10	Sandy Shale
830	1120	290	Red Rock
1120	1210	90	Anhydrite
1210	1265	55	"
1265	1270	5	Sand
1270	1350	80	Red Rock
1350	1375	25	Red Rock Salt
1375	1390	15	Salt
1390	1395	5	Shells and salt set 8 1/2"-28 1394'2"
1395	1415	20	Salt and shells
1415	1475	60	Salt
1475	1535	60	Anhydrite
1535	1600	65	Salt
1600	1625	25	Anhydrite
1625	1670	45	Salt
1670	1710	40	Anhydrite
1710	2120	410	Salt
2120	2225	105	Anhydrite
2225	2275	50	Salt
2275	2300	25	Anhydrite
2300	2315	15	Salt
2315	2400	85	Salt and shells
2400	2430	30	Anhydrite
2430	2600	170	Salt
2600	2670	70	Anhydrite
2670	2865	195	Lime
2865	2905	79	Lime Broken Loaded Hole 100 sacks salt and water 2917
2905	2917	12	Lime
2917	2930	13	Broken Lime
2930	2935	5	Shale and Lime
2935	2980	45	Shale and sand
2980	3020	40	Shale
3020	3032	12	Lime
3032	3050	18	Broken Shale
3050	3102	52	Shale and Lime
3102	3238	136	Lime run 7" O.D. 22# casing 3225'-5"
3238	3456	218	Lime
3456	3459	3	Shale
3459	3464	5	Lime
3464	3470	6	Shale and Lime
3470	3493	23	Lime
3493	3502	9	Sand first oil show
3502	3525	23	Lime
3525	3533	8	Lime Sandy
3533	3536	3	Hard Lime
	3536		Total Depth