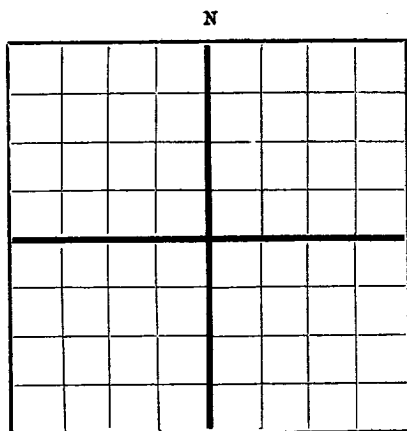


DUPLICATE

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FORM C-105

HOBBS OFFICE



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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Skelly Oil Company
Company or Operator
Liberty-Royalties Well No. 4 in N/2 NW/4 of Sec. 7, T. 24S
Lease
R. 37E, N. M. P. M. Langlie-Mattix Field, Lea County.
Well is 3300 feet south of the North line and 1930 feet west of the East line of Section 7.
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Liberty-Royalties Corp. Address Tulsa, Oklahoma
If Government land the permittee is Address
The Lessee is Skelly Oil Company Address Tulsa, Oklahoma
Drilling commenced November 5, 1947. Drilling was completed December 22, 1947.
Name of drilling contractor Cactus Drilling Company Address San Angelo, Texas
Elevation above sea level at top of casing 3308 feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 3460' to 3585' No. 4, from to
No. 2, from to 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 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	
9-5/8"	36#	8	SS, J-55	841'10"	Guide				
9-5/8"	36#	SW	Spiral	358'7"					
7"	20#	8	SS, J-55	3439'3"	Guide				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	9-5/8"	1205	300	Halliburton		
8"	7"	3419	200	"		

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"	SNG	108 Qts.	12-26-47	3530-62'	To bottom.

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 0 feet to 3420 feet, and from feet to feet
Cable tools were used from 3420 feet to 3585 feet, and from feet to feet

PRODUCTION

Put to producing February 1, 1948
The production of the first 24 hours was 26 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be.
If gas well, cu. ft. per 24 hours Est. 22,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

L. C. Rosell Driller W. M. Bethany Driller
George Baker Driller Tom Clifton 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 February, 1948 Hobbs, New Mexico Feb. 24, 1948
Name J. J. J. J.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	8	8	Cellar
8	20	12	Caliche
20	120	100	Sand
120	450	330	Red Bed
450	520	70	Red Shale
520	665	145	Red Rock
665	680	15	Sand
680	710	30	Red Sand
710	845	135	Red Sand & Shale
845	945	100	Red Shale
945	1065	120	Red Shale & Sand
1065	1180	115	Red Shale
1180	1260	80	Anhydrite
1260	1285	25	Sand
1285	1375	90	Salt
1375	1578	203	Anhydrite & Salt
1578	1680	102	Salt
1680	1910	230	Anhydrite & Salt
1910	2015	105	Salt
2015	2365	350	Anhydrite & Salt
2365	2419	54	Anhydrite
2419	2675	156	Anhydrite & Salt
2675	2792	117	Lime & Anhydrite
2792	2880	88	Lime
2880	2915	35	Anhydrite & Lime
2915	3110	195	Lime
3110	3165	55	Gray Lime
3165	3200	35	Lime
3200	3220	20	Gray Lime
3220	3420	200	Lime
3420	3427	7	Gray Lime
3427	3585	158	Lime