DUPLICATE

FORM C-105

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HOBBS OFFICE

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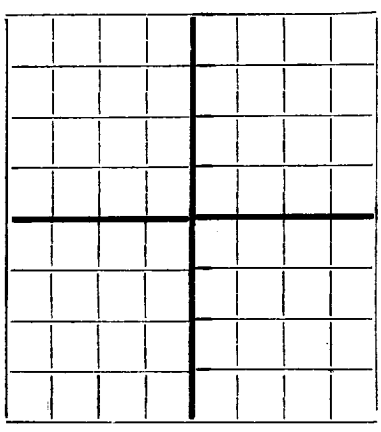

AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Skelly Oil Company (Company or Operator) Tulsa, Oklahoma (Address)

Liberty-Royalties (Lease) Well No. 2 in SE/4 of Sec. 7, T. 24S

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

Well is 4730 feet south of the North line and 660 feet west of the East line of

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 Hobbs, New Mexico

Drilling commenced November 18, 1946 Drilling was completed February 11, 1947

Name of drilling contractor Cactus Drilling Company, Address San Angelo, Texas

Elevation above sea level at top of casing 3305'DF feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3440 to 3570 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 FROM	PERFORATED TO	PURPOSE
16"	42#	W	Armco	130'					
8-5/8"	28	8	H40	1210'8"					
5-1/2"	17	8	J55	3441'6"					
Tubing									
2"	4.7	8	H40	3496'4"					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
20"	16"	138'	100	Halliburton		
11"	8-5/8"	1209'	200	Halliburton		
6¾"	5-1/2"	3429'	150	Halliburton		

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"	4"	Glycerin	210 Qts.	2/12/47	3430-3568	3550-3570

Results of shooting or chemical treatment See below.

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 2975 feet to 3430 feet, and from feet to feet

Cable tools were used from Top feet to 2975 feet, and from 3430 feet to 3570 feet

PRODUCTION

Put to producing February 16, 19 47

The production of the first 24 hours was 95 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be 38°

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

J. J. Watkins, Driller W. D. Stewart, Driller

T. H. Bennett, 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 11th day of April, 19 47

Hobbs, New Mexico (Place) April 11, 1947 (Date)

Name J. J. Watkins

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	35	35	Caliche
35	45	10	Red shale
45	129	84	Water sand
129	139	10	Red shale
139	395	256	Red shale
395	405	10	Gray sand
405	435	30	Gray sandy shale
435	449	14	Red shale
449	452	3	Red shale
452	465	13	Blue shale
465	538	73	Red shale
538	550	12	Gray sand
550	575	25	Red rock
575	605	30	Gray sandy shale
605	628	23	Sand, water
628	670	42	Sand
670	707	37	Sand & shale
707	712	5	Red sandy shale
712	720	8	Blue sandy shale
720	745	25	Sand
745	752	7	Shale
752	775	23	Sandy shale
775	840	65	Blue sandy shale
840	1191	351	Red shale
1191	1223	32	Anhydrite
1223	1228	5	Red shale
1228	1330	102	Anhydrite
1330	1360	30	Salt
1360	1375	15	Anhydrite
1375	1395	20	Red shale
1395	1415	20	Anhydrite
1415	1422	7	Red shale
1422	1435	13	Salt & shale
1435	1445	10	Anhydrite
1445	1574	129	Salt & shale
1574	1620	46	Anhydrite
1620	1635	15	Salt & shale
1635	1655	20	Anhydrite
1655	1695	40	Salt & potash
1695	1726	31	Anhydrite
1726	1800	74	Salt
1800	1815	15	Anhydrite
1815	1818	3	Blue shale
1818	1830	12	Anhydrite
1830	1995	165	Salt
1995	2015	20	Anhydrite
2015	2046	31	Salt
2046	2250	204	Salt & potash
2250	2280	30	Broken anhydrite
2280	2310	30	Salt
2310	2345	35	Anhydrite
2345	2362	17	Salt & potash
2362	2382	20	Anhydrite
2382	2482	100	Anhydrite & salt
2482	2490	8	Salt
2490	2520	30	Anhydrite
2520	2525	5	Salt
2525	2576	51	Salt & anhydrite shells
2576	2592	16	Salt
2592	2584	8	S. L. M. Correction
2584	2685	101	Salt
2685	2780	95	Anhydrite
2780	2837	57	Lime & anhydrite
2837	2862	25	Anhydrite
2862	2883	21	Lime
2883	2890	7	Sandy lime
2890	2895	5	Sandy shale
2895	2903	8	Blue shale
2903	2917	14	Sand
2917	2923	6	Lime
2923	2931	8	Sand
2931	2942	11	Sand & lime
2942	2955	13	White lime
2955	2975	20	Lime
2975	3180	205	Broken lime
3180	3240	60	Lime & anhydrite
3240	3353	113	Lime
3353	3372	19	Hard lime, anhydrite & chert
3372	3420	48	Lime
3420	3417	3	Depth Correction (Rotary to Cable Tools)
3417	3411	6	S. L. M. Correction
3411	3458	47	Lime
3458	3470	12	Sandy lime
3470	3484	14	Lime
3484	3511	27	Sandy lime
3511	3526	15	Lime
3526	3528	2	S. L. M. Correction
3528	3580	52	Lime
3580	3570	10	S. L. M. Correction