DUPLICATE

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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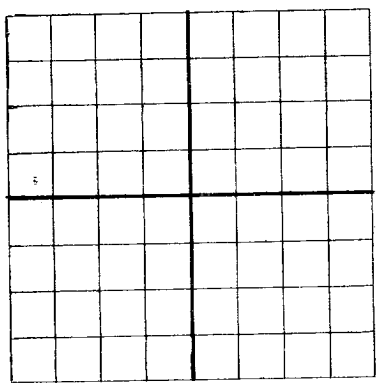
OCT 11 1940
HOBBS OFFICE

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Skelly Oil Company - Tulsa, Oklahoma
Company or Operator — Address

A. L. Ling Well No. 2 in C NE NW of Sec. 4, T. 23S
Lease

R. 37E, N. M. P. M., Skelly Field, Lea County.

Well is 660 feet south of the North line and 3300 feet west of the East line of Section 4 -

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

If patented land the owner is A. L. Ling, Address Eunice, New Mexico

If Government land the permittee is _____, Address _____

The Lessee is Skelly Oil Co., Address Tulsa, Oklahoma

Drilling commenced July 31, 1940 Drilling was completed Aug. 28, 1940

Name of drilling contractor J. C. Clarke, Address Eunice, New Mexico

Elevation above sea level at top of casing 3546 feet.

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

OIL SANDS OR ZONES

No. 1, from 3625' to 3690' 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"	70	8	LW	116'4"					
13"	50	8	LW	419'2" (Later pulled)					
10-3/4"	40	8	LW	759'5"	"	"			
8-5/8"	36	8	LW	1191'7"	"	"			
7"	20	8	SS	3417'6"					
2"	4.7	8	SS	3686'4"					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18"	16"	120'	100	Halliburton-Cement circulated back to cellar.		
8½"	7"	3367'	250	Halliburton		
Tubing	2"	3690'	Swung			

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 tools were used from Top feet to 3706' feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing August 29, 1940

The production of the first 24 hours was 60 barrels of fluid of which 100 % 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

J. M. Needham, Driller H. J. Whitaker, Driller

H. A. Masterson, 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 10 day of October, 1940

J. E. Nelson
Notary Public

My Commission expires DEC. 10, 1940

Hobbs, New Mexico - Oct. 8, 1940
Place — Date

Name J. J. Emmons

Position District Superintendent

Representing SKELLY OIL COMPANY
Company or Operator

Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	10	10	
10	40	30	Caliche
40	112	72	Sand & shale
112	170	58	Red bed
170	180	10	Sandy shale
180	235	55	Sand
235	420	185	Shale
420	530	110	Red rock
530	560	30	Gray shale
560	755	195	Shale
755	780	25	Water sand
780	820	40	Red sandy shale
820	837	17	Sand
837	1185	348	Shale
1185	1280	95	Anhydrite
1280	1395	115	Anhydrite, salt & shale
1395	1480	85	Salt & shale
1480	1530	50	Anhydrite
1530	1610	80	Salt & shale
1610	1640	30	Anhydrite
1640	1657	17	Anhydrite, salt & potash
1657	1715	58	Salt & shale
1715	1735	20	Anhydrite & potash
1735	1770	35	Salt
1770	1905	135	Salt, potash & shale
1905	1972	67	Anhydrite & potash
1972	2087	115	Salt
2087	2105	18	Potash
2105	2125	20	Salt & shale
2125	2145	20	Anhydrite
2145	2665	520	Anhydrite & salt
2665	2945	280	Anhydrite & shale
2945	2970	25	Lime & anhydrite
2970	2990	20	Brown lime
2990	3020	30	Lime, anhydrite & shale
3020	3081	61	Lime & anhydrite
3081	3106	25	Lime & green shale
3106	3295	189	Lime & anhydrite
3295	3309	15	Lime, anhydrite & shale
3309	3314	5	Lime & anhydrite
3314	3330	16	Lime
3330	3375	45	Lime & anhydrite
3375	3387	12	Lime
3387	3393	6	Anhydrite & shale
3393	3427	34	Lime
3427	3450	23	Med. Lime
3450	3470	20	Hard lime
3470	3515	45	Hard anhydrite & lime
3515	3555	40	Hard lime
3555	3560	5	Sand
3560	3572	12	Hard lime
3572	3597	25	Sand
3597	3647	50	Soft sandy lime
3647	3653	6	Hard sandy lime
3653	3706	53	Lime