

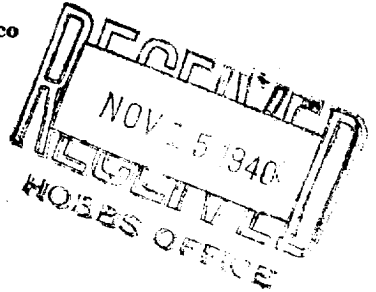
DUPLICATE

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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## 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

H. O. Sims

Well No.

13

in

CNE NE 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 1980 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 Hugh O. Sims Address Eunice, New Mexico

If Government land the permittee is Address

The Lessee is Skelly Oil Co. Address Tulsa, Oklahoma

Drilling commenced Aug. 15, 1940 Drilling was completed Oct. 2, 1940

Name of drilling contractor Sahara Oil Company Address Monahans, Texas

Elevation above sea level at top of casing 3338' feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3593' to 3599' 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 200' to 215' feet. Approx. 175'.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

## CASING RECORD

Tby

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
16"	70#	8	LW	96'11"					
13"	50#	8	LW	450'10"	(Later pulled)				
10 3/4"	40#	8	LW	724'13"	"	"			
8 5/8"	32#	8	LW	1178'16"	"	"			
7" OD	20#	8R	SS	3413'15"					
2" EUE	4.7#	8	SS	3705'17"					

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16 1/2"	16"	105'	100	Halliburton	Circulated back to cellar.	
8 1/2"	7"	3391'	200	Halliburton		
Tubing	2"	3681'	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
	4 1/2" & 5"	Glycerin	540 Qts	10/4/40	3570-3712' - 3717'	

Results of shooting or chemical treatment Increased from est. 35 bbls day to actual 64 bbls 24 hr thru 2" tubing.

## 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 3813' feet, and from feet to feet

## PRODUCTION

Put to producing October 18, 1940

The production of the first 24 hours was 64 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

H. O. Morris, Driller Paul Critton, Driller

Lee Coleman, 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 12

Hobbs, New Mexico - Nov. 10, 1940

day of November 1940

Name J. T. Duncan

Position District Superintendent

Representing SKELLY OIL COMPANY

Company or Operator

My Commission expires Dec. 10, 1940

Address Hobbs, New Mexico

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	20	20	Caliche
20	33	73	Sand
96	175	79	Red bed
175	200	25	Water sand, red shale.
200	215	15	Water sand.
215	295	80	Red shale
295	315	20	Water sand
315	325	10	Red bed
325	375	50	Red shale
375	450	75	Red rock
450	480	40	Red shale
480	605	215	Red bed
605	750	145	Shale
750	865	115	Sand & shale
865	1050	185	Red shale
1050	1115	65	Red bed
1115	1140	25	Red shale
1140	1164	24	Red bed
1164	1275	111	Anhydrite
1275	1310	35	Salt, anhydrite & shale
1310	1380	70	Salt & red bed
1380	1535	155	Salt, anhydrite & potash
1535	1600	65	Salt & potash
1600	1665	65	Anhydrite & salt
1665	2205	540	Anhydrite, salt & potash
2205	2330	125	Salt
2330	2365	35	Anhydrite
2365	2385	20	Salt
2385	2435	70	Salt & potash
2435	2510	55	Salt & anhydrite
2510	2975	465	Anhydrite
2975	3045	70	Lime & anhydrite
3045	3400	355	Lime
3400	3428	28	Hard brown lime
3428	3483	55	Lime
3483	3520	37	Med. brown lime
3520	3575	55	Med lime
3575	3597	22	Hard lime
3597	3589		SIM correction
3589	3599	10	Soft sand
3599	3638	39	Lime
3638	3642	4	Med. sand & lime
3642	3657	15	Hard lime
3657	3673	16	Med. hard lime
3673	3813	140	Lime

Drilled to 3813' and due to no pay below the depth of 3722', and to avoid the danger of water encroachment the well was plugged back from 3813' to 3722' with lead wool and pea gravel.