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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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Skelly Oil Co.

Tulsa, Okla.

Company or Operator

Address

Lea "B"

Well No. 2

SW/4

of Sec. 23

T. 17S

R. 31E

N. M. P. M. Grayburg-Jackson

Field,

Eddy

County.

Well is 4002 feet south of the North line and 4620 feet west of the East line of Section 23-

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

If patented land the owner is Address

If Government land the permittee is Skelly Oil Co. Address Tulsa, Oklahoma

The Lessee is Address

Drilling commenced Aug. 27, 1941 Drilling was completed Nov. 15, 1941

Name of drilling contractor Ashley Drilg. Co. Address Monahans, Texas

Elevation above sea level at top of casing 3859 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3454' to 3760' 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	
8-5/8"	32	8	Smls.	619' 8"					
7"	22	8	Smls.	2726' 8"	(on top)				
7"	20	8	Smls.	480' 5"	(on bottom)				
Tubing									
2"	4.7	8	smls.	3611' 7"					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8-5/8"	8-5/8"	620'	200	Halliburton-Circulated back to bottom of celler.		
8 1/4"	7"	3190'	200	Halliburton		
Tubing						
2"	EUE	3587'	Swing			

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
After completion, went back and shot this well - refer to back of this sheet.						
2 1/2" & 3 1/2"	Nigro Gly.	640	11/19/41	3315-3765	(to 3760'.	

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 3855' feet, and from feet to feet

PRODUCTION

Put to producing Nov. 16, 1941

The production of the first 24 hours was 70 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

W. A. Fowler Driller J. F. Folley Driller

H. S. Smith 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 1 X

day of February 19 42

Notary Public

My Commission expires Dec 17, 1944

Hobbs, N. M. Feb. 13, 1942

Name J. F. Folley

Position District Supt.

Representing SKELLY OIL CO.

Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	50	50	Sand & red bed
50	70	20	Red bed
70	425	355	Sand & red bed
425	520	96	Red bed & red rock
520	665	145	Anhydrite
665	670	5	Red bed
670	710	40	Red rock, salt & anhydrite.
710	735	75	Salt & potash
735	800	15	Anhydrite
800	1020	220	Salt & potash
1020	1140	120	Salt
1140	1215	75	Salt, potash & anhydrite
1215	1220	5	Red rock
1220	1230	10	Anhydrite
1230	1275	45	Salt
1275	1330	55	Salt & potash
1330	1380	50	Salt & anhydrite
1380	1455	75	Salt & potash
1455	1475	20	Salt
1475	1490	15	Potash
1490	1548	58	Salt & anhydrite
1548	1660	112	Salt & potash
1660	1823	163	Anhydrite & lime
1823	1840	17	Anhydrite & blue shale
1840	1872	32	Red rock
1872	1902	30	Anhydrite & potash
1902	1970	68	Anhydrite & red rock
1970	2000	30	Anhydrite & red bed
2000	2025	25	Anhydrite
2025	2030	5	Anhydrite & slate
2030	2060	30	Anhydrite & lime
2060	2065	5	Sandy shale
2065	2085	20	Anhydrite & lime
2085	2140	55	Anhydrite & lime streaks
2140	2170	30	Blue and sandy shale
2170	2250	80	Anhydrite & lime
2250	2300	50	Brown lime
2300	2329	29	Lime & anhydrite
2329	2352	23	Gray lime
2352	2409	57	Lime & anhydrite
2409	2465	54	Lime
2465	2487	22	Anhydrite
2487	2507	20	Lime
2507	2580	73	Lime & anhydrite
2580	2584	4	Red bed
2584	2634	50	Anhydrite & red rock
2634	2652	18	Lime
2652	2803	131	Anhydrite & lime
2803	2830	27	Sand
2830	2885	55	Gray lime & anhydrite
2885	2929	44	Lime
2929	2960	31	Anhydrite & lime
2960	2971	11	Red rock & shale
2971	3003	32	Lime & anhydrite
3003	3015	12	Red rock & sand
3015	3055	40	Brown sandy lime & anhydrite
3055	3075	20	Anhydrite & red rock
3075	3145	70	Brown lime
3145	3168	23	Sandy lime w/ shale streaks
3168	3194	26	Sandy lime
3194	3255	61	Gray lime
3255	3258	3	Shale & lime
3258	3389	131	Lime
3389	3398	11	Hard sandy lime
3398	3448	50	Gray lime
3448	3461	13	Med. sandy lime
3461	3560	99	Gray lime
3560	3564	4	Lime
3564	3599	35	Gray lime
3599	3612	13	Hard gray lime
3612	3620	8	Gray lime
3620	3614		S. L. M. correction.
3614	3699	85	Gray lime
3699	3702	3	Brown lime
3702	3723	21	Hardy gray lime
3723	3855	132	Gray lime-

After completion of this well it was cleaned out and put on schedule. Then it was later cleaned out to 3670' where tools were lost, and a fishing period of something like 60 days ensued. Being unable to recover lost tools it was decided to drill by then, which was done to 3760', and well was put on regular production in early February, 1942.