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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.

DUPLICATE

AREA 640 ACRES
LOCATE WELL CORRECTLY

SKELLY OIL COMPANY

Hobbs, New Mexico

Company or Operator

Address

Ellen Sims

Well No.

4

in NE SE

of Sec.

3

T. 23S

R. 37E

N. M. P. M.

Skelly Area

Field,

Lam

County.

Well is 3630 feet south of the North line and 990 feet west of the East line of Section 3 -

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 Company, Address Tulsa, Oklahoma

Drilling commenced April 21, 1939 Drilling was completed June 9, 1939

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

Elevation above sea level at top of casing 3297 feet. R. F.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3630' to 3635' No. 4, from to

No. 2, from 3635' to 3637' 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 225' feet. Tested 4 bbls per hr.

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	
18" OD	70#	8	LN	99'9"					
13"	50#	8	LN	460'5"	(Later Pulled)				
10"	40#	8	LN	720'4"					
8-5/8"	32#	8	LN	1194'11"	"	"			
5-5/4"	17#	10	SS	3575'6"	"	"			
Tubing									
2" DUE	4.7#	10	SS	3683'4"					

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 1/2"	16"	112'	100	Halliburton (Cement circulated to cellar)		
7 1/2"	5-5/4"	3552'	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
170 lbs	4 1/2"	S. N. C.	170 qts.	6/1/39	3600'-3660'.	- To bottom.

Results of shooting or chemical treatment Well pumped 10 bbls per day through 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 3600' feet, and from feet to feet

PRODUCTION

Put to producing September 19, 1939

The production of the first 24 hours was 10 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

P. H. French Driller Jay Cravens Driller

A. B. Phillips 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 16

Hobbs, New Mexico September 16, 1939

day of September 1939

Name J. T. W. Conway

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
0	10	10	Cellar
10	35	25	Caliche
35	90	55	Sand
90	100	10	Red Bed
100	225	125	Red & Yellow Shale, last 25' sandy
225	235	10	Gray Shale
235	485	250	Red Shale
485	510	25	Gray Shale
510	520	10	Red Shale
520	530	10	Blue Shale
530	550	20	Red Shale
550	560	10	Blue Shale
560	695	135	Red Shale
695	702	7	Blue sandy shale
702	857	155	Sand & Shale
857	895	38	Blue sandy shale
895	1178	283	Red Shale
1178	1280	102	Anhydrite
1280	1288	8	Anhydrite & salt
1288	1302	14	Salt
1302	1312	10	Anhydrite
1312	1325	13	Salt, Shale & Anhydrite
1325	1358	33	Anhydrite
1358	1457	99	Anhydrite, Shale & Salt
1457	1498	41	Salt & Shale
1498	1530	32	Anhydrite
1530	1630	100	Salt & Shale
1630	1640	10	Anhydrite
1640	1670	30	Anhydrite & Salt
1670	1698	28	Salt & Shale
1698	1715	17	Anhydrite & Salt
1715	1735	20	Potash & Anhydrite
1735	1817	82	Potash & Salt
1817	1835	18	Salt & Shale
1835	1860	25	Potash & Salt
1860	1885	25	Potash
1885	1923	38	Anhydrite & Potash
1923	2060	137	Anhydrite, salt & potash
2060	2070	10	Potash
2070	2110	40	Anhydrite
2110	2129	19	Anhydrite & salt
2129	2214	85	Salt & potash
2214	2255	41	Anhydrite & salt
2255	2300	45	Anhydrite
2300	2420	120	Salt
2420	2428		Steel line correction
2428	2460	32	Salt
2460	2704	244	Anhydrite
2704	2783	79	Anhydrite & shale
2783	2798	15	Anhydrite
2798	2815	17	Anhydrite & lime
2815	2846	31	Anhydrite
2846	3038	192	Anhydrite & lime
3038	3088	50	Brown lime
3088	3421	333	Anhydrite & lime
3421	3439	18	Hard lime
3439	3496	57	Soft lime & shale
3496	3501	5	Hard lime
3501	3505	4	Soft lime
3505	3521	16	Hard lime
3521	3526	5	Soft sand & lime
3526	3532	6	Hard lime
3532	3578	46	Soft sand & shale
3578	3599	21	Hard lime
3599	3610	11	Hard gray lime
3610	3615	5	Hard lime
3615	3619	4	Hard gray lime
3619	3628	9	Hard brown lime
3628	3636	8	Soft brown lime
3636	3642	6	Hard brown lime
3642	3648	6	Soft brown lime
3648	3650	2	Hard brown lime
3650	3655	5	Hard lime
3655	3657	2	Soft lime
3657	3660	3	Hard lime

3660' TOTAL DEPTH