



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

Skelly Oil Company  
Company or Operator  
Clara Fowler  
Lease  
Well No. 4  
in SE 1/4 NW 1/4 of Sec. 31, T. 18S, R. 38E  
N. M. P. M. Bowers  
Field, Lea  
County.  
Well is 1650 feet south of the North line and 2960 feet west of the East line of Section 31  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is Clara Fowler, Address Hobbs, New Mexico  
If Government land the permittee is, Address.  
The Lessee is Skelly Oil Company, Address Tulsa, Oklahoma  
Drilling commenced August 10 1948 Drilling was completed September 18 1948  
Name of drilling contractor Cactus Drilling Company, Address San Angelo, Texas  
Elevation above sea level at top of casing 3650 feet.  
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 3250 to 3261 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	
10-3/4"	40.5#	8R	SS, H-40	784.15'	TP				
7"	20	8R	SS, H-40	380.80'					
7"	20	8R	SS, J-55	2817.30'	Guide				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13"	10-3/4"	788	320	Halliburton		
8 1/4"	7"	3170	320	"		

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 0 feet to 3278 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing October 1 1948  
The production of the first 24 hours was 51 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

O. F. Young, Driller  
C. D. Johnson, 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 4th day of November 1948  
Hobbs, New Mexico November 4, 1948  
Notary Public  
Name Dist. Supt.  
Position  
Representing Skelly Oil Company  
Company or Operator  
Address Hobbs, New Mexico  
My Commission expires 5-22-51

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	111	111	Caliche, White
111	140	29	Sand, Soft
140	650	510	Red Bed
650	788	138	Red Bed & Anhydrite
788	845	57	Red Bed & Shells
845	900	55	Red Rock
900	945	45	Red Bed & Shells
945	960	15	Red Rock
960	1018	58	Red Bed & Shells
1018	1060	42	Red Bed
1060	1150	90	Red Rock & Shale
1150	1260	110	Red Bed & Shells
1260	1300	40	Brown Shale
1300	1415	115	Shale & Red Bed
1415	1440	25	Brown Shale
1440	1455	15	White Lime
1455	1500	45	Sandy Red Rock
1500	1548	48	Sand & Shells
1548	1605	57	Anhydrite & S hells
1605	2395	790	Salt & Anhydrite
2395	2450	55	Anhydrite
2450	2645	195	Salt & Anhydrite
2645	2825	180	Anhydrite
2825	2836	11	Lime
2836	2879	43	Anhydrite & Lime
2879	2898	19	Anhydrite
2898	2929	31	White Sand
2929	2940	11	Anhydrite, Lime, & Shells
2940	2965	15	White Sand
2965	3005	40	Anhydrite & Lime
3005	3030	25	Anhydrite & Gypsum
3030	3055	25	Anhydrite & Gypsum Shells
3055	3065	10	White Sand
3065	3080	15	Anhydrite & Lime Shells
3080	3106	26	Anhydrite & Gypsum
3106	3136	30	Anhydrite & Lime
3136	3170	24	Anhydrite, Lime, & S hells
3170	3176	6	Lime
3176	3194	18	Anhydrite & Lime
3194	3204	10	Lime
3204	3225	21	Anhydrite & Sand
3225	3253	28	Anhydrite & Lime
3253	3278	25	Anhydrite & Sand

Possible pay behind casing: None.

## REMARKS:

No water was encountered. Possibility of deeper production would be in the White Lime at depths of 4000 to 4200', where offset wells made 3758 BPD to 5994 BPD in 1930. Recovery from this depth would likely not be economical. No zones were cased off. The well is structurally level with surrounding ones, well up on the field structure flank. The stratigraphy is uniform and typical of the area. There is room on the lease for future development should it be called for although none is anticipated now.