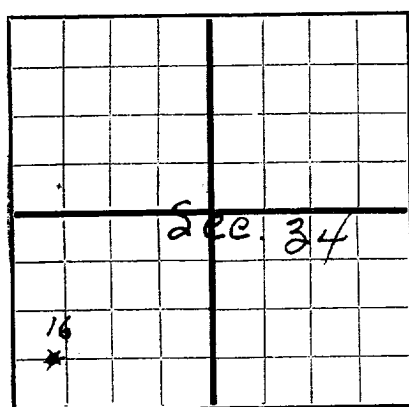


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HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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** **Tulsa, Oklahoma**  
Company or Operator Address  
**H. O. Sims** Well No. **16** in **SW/4 SW/4** of Sec. **34**, T. **22S**  
Lease  
R. **37E**, N. M. P. M., **Drinkard** Field, **Lea** County.  
Well is **4620** feet south of the North line and **4770** feet west of the East line of **Section 34**  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is **Hugh O. Sims** Address **Emice, New Mexico**  
If Government land the permittee is Address  
The Lessee is **Skelly Oil Company** Address **Tulsa, Oklahoma**  
Drilling commenced **January 5** 19 **49** Drilling was completed **February 15** 19 **49**  
Name of drilling contractor **Hondo Drilling Company** Address **Artesia, New Mexico**  
Elevation above sea level at top of casing **3335** feet.  
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **NONE** to **DRY HOLE** 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	
13-3/8"	44.5	5W	Armco	160'	T.P.				
8-5/8"	28	8R	AO Smith	2820'	Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13-3/8	155	150-2% jel	Halliburton		
11	8-5/8	2800'	700	"		

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"		SNG	265 qts.	3-2-49	3660-3560'	3670'

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 **6650** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **DRY HOLE**, 19  
The production of the first 24 hours was **NONE** barrels of fluid of which % 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

**C. B. McCrary**, Driller **Dewey Willis**, Driller  
**H. B. McConack**, 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 **10th** day of **May**, 19 **49**  
**Hobbs, N. Max.** **May 10, 1949**  
Place Date  
Name **Dist. Supt.**  
Position **Skelly Oil Company**  
Representing Company or Operator  
Address **Hobbs, New Mexico**  
My Commission expires **AUG. 19, 1952**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	70	70	Surface Sand
70	175	105	Red Bed
175	1057	882	Red Bed & Shells
1057	2515	1458	Anhydrite & Salt, Top Anhydrite 1140', Samples.
2515	2632	117	Anhydrite
2632	2665	33	Anhydrite & Lime
2665	2800	135	Anhydrite
2800	2860	60	Anhydrite & Gypsum
2860	3195	335	Anhydrite
3195	3275	80	Anhydrite & Lime
3275	4465	1190	Lime, Top San Andres 3900' - Samples.
4465	4550	85	Sand & Lime
4550	5110	560	Lime
5110	5130	20	Sand, Top Glorieta 5130' - Samples.
5130	5930	800	Lime, Top Clearfork 5440' - Samples.
5930	6324	394	Lime, Top Tubbs 6150' - Samples.
6324	6328	4	SIM Correction.
6328	6443	15	Lime
6443	6465	22	Core #1.
6465	6498	33	Core #2, Top Drinkard 6476' - Core & Schlumberger.
6498	6538	40	Core #3.
6538	6561	23	Core #4.
6561	6584	23	Core #5.
6584	6612	28	Core #6.
6612	6625	13	Core #7.
6625	6650	25	Core #8.
			TOTAL DEPTH 6650
			RECORD OF DRILL STEM TESTS:
			DST #1, 6432-6612', Toolopen 7 hrs., recovered 480' drilling mud. No oil or water.
			DST #2, 6612-6650', Tool open 4 hrs., recovered 20' of drilling mud, no oil or water.
			As coring & testing determined Drinkard Zone to be dry, well was plugged back to Queens Sand Section @ 3670'.
6650	6336	50 sack cement	
6336	5140	Mud	
5140	4955	50 sacks cement	
4955	3850	Mud	
3850	3670	120 sacks cement	
			Moved in Cable Tools, bailed out mud to 3670' and shot w/ 265 qts. SNG 3660-3560', then cleaned out to bottom. As Queens Sand Zone was also determined to be dry, well was plugged in accordance with rules & regulations of the New Mexico Oil Conservation Commission.
3670	3525	Mud	
3525	3450	20 sacks cement	
3450	2700	Mud	
2700	2645	20 sacks cement	
2645	50	Mud	
50	0	15 sacks cement	
			Installed 4" pipe marker.