

STATE OF KANSAS  
STATE CORPORATION COMMISSION

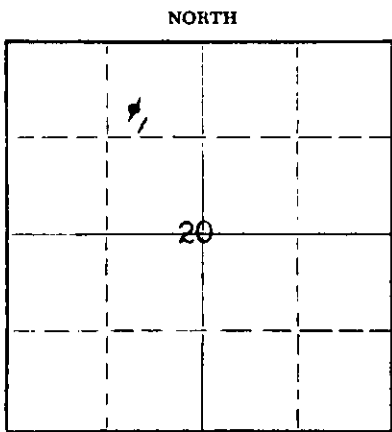
Form CP-4

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

Barber County, Sec. 20 Twp 34S Rge. (E) 13 (W)

Location as "NE/CNWxSWx" or footage from lines SW/4 NE/4 NW/4  
Lease Owner Skelly Oil Company  
Lease Name M. E. Hull Well No. 1  
Office Address Box 1650, Tulsa, Oklahoma  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed June 26, 19 64  
Application for plugging filed July 6, 19 64  
Application for plugging approved June 29, 19 64  
Plugging commenced June 27, 19 64  
Plugging completed June 27, 19 64  
Reason for abandonment of well or producing formation Dry Hole



Locate well correctly on above  
Section Plat

If a producing well is abandoned, date of last production 19  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes (verbally)

Name of Conservation Agent who supervised plugging of this well Mr. A. Elving  
Producing formation Depth to top Bottom Total Depth of Well 4171 Feet  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE OD	PUT IN	PULLED OUT
Lansing Lime	Dry	4110'	4171'	8-5/8"	431'0"	None

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Mud laden fluid	4171' to 210'
Rock bridge	210' to 200'
25 sacks of cement	200' to 125'
Mud	125' to 40'
Rock bridge	40' to 30'
10 sacks of cement	30' to base of cellar
Surface soil	Cellar to Surface

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STATE CORPORATION COMMISSION

OCT 20 1964

10-20-64

CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Leben Drilling, Inc.  
Address P. O. Box 486, Great Bend, Kansas

STATE OF Nebraska, COUNTY OF Red Willow, ss.  
C. F. Bass (employee of owner) or ~~owner~~ of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) C. F. Bass  
P.O. Box 649, McCook, Nebr. 69001  
(Address)

SUBSCRIBED AND SWORN TO before me this 16th day of October, 19 64

My commission expires June 13, 1969

C. Lindsey  
Notary Public.

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JUN 30 1964

DRILLER'S LOG

CONSERVATION DIVISION  
Wichita, Kansas

COMPANY: Skelly Oil Company  
CONTRACTOR: LEBEN DRILLING, INC.  
FARM: M. B. Hull #1  
LOCATION: SW NE NW Sec. 20-34-13  
BARBER COUNTY, KANSAS  
COMMENCED: 6-19-64  
COMPLETED: 6-27-64

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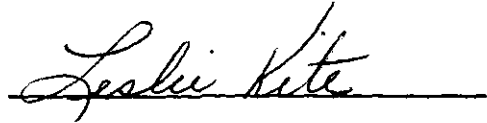
0	400	Redbed & Shale
400	750	Shale & Shells
750	1102	Shale
1102	1940	Shale & Shells
1940	2280	Lime
2280	2395	Lime & Shale
2395	2565	Lime
2565	4175	Lime & Shale
	<u>4175</u>	<u>Rotary Total Depth - D. &amp; A.</u>

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Set 8 5/8" used surface casing @ 437' with 275 sacks HA5 Posmix

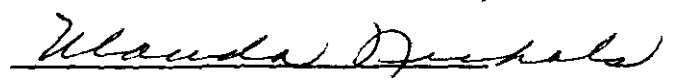
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I, Leslie Kite, do hereby certify that the above and foregoing is a true and correct copy of the log of the M. B. Hull #1 well, located SW NE NW of Section 20, Township 34, Range 13, Barber County, Kansas, as reflected by the files of Leben Drilling, Inc.

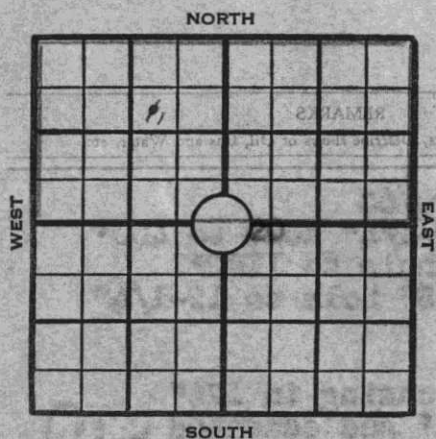
  
\_\_\_\_\_  
Leslie Kite

STATE OF KANSAS )  
                          ) SS  
COUNTY OF BARTON)

Subscribed and sworn to before me, a Notary Public, in and for Barton County, Kansas, this 29th day of June, 1964.

  
\_\_\_\_\_  
Ulanda Nichols

My Commission Expires  
April 1, 1967



# SKELLY OIL COMPANY

## Well Record

Lease Name and No. M. E. Hall #79171 Well No. 1  
 Lease Description E/2 Section 20-348-13N, Barber County, Kansas (320 acres)

Location Staked May 22, 19 64 by Barber County Engineer  
990 feet from north line 1650 feet from west line  
 of 1/4

Elev. K.B. 1640'  
 D.E. 1630'  
 Elev. G.L. 1630'

Drilling Contractor Leben Drilling, Inc.

Work Com'd. May 23, 19 64 Drilling Com'd. June 19, 19 64 Reached Total Depth June 26, 19 64

Rotary Drilling from Surface to 4171' Cable Tool Drilling from \_\_\_\_\_ to \_\_\_\_\_

Well Completed \_\_\_\_\_ 19 \_\_\_\_\_ Total Depth 4171' P.B.T.D. Surface

Initial Completion Test \_\_\_\_\_ 19 \_\_\_\_\_

Pressures: F.C.P. \_\_\_\_\_ F.T.P. \_\_\_\_\_ S.I.C.P. \_\_\_\_\_ S.I.T.P. \_\_\_\_\_

### PRODUCING FROM DRY HOLE

FORMATION	thru	OPEN HOLE PERFORATIONS	TOP	BOTTOM	Total No. Shots
<u>PLUGGED AND ABANDONED</u>					
FORMATION					
FORMATION					
FORMATION					

### CASING RECORD

STRINGS	SIZE	WHERE SET (Depth)	CEMENTING RECORD		All Measurements were taken from top of Kelly Bushing which is <u>10</u> ft. Derrick Floor <u>xxxx</u> from top of surface casing Flange Collar <u>xxxx</u>
			Sacks Used	Top Cem't Bl'd. Cas'g.	
Surface	<u>8-5/8"</u>	<u>437'</u>	<u>275</u>	<u>Surface</u>	
Intermediate					
Production					
Liner					Top Liner: _____

Size	Wt.	Thds.	Kind	Cond.	LEFT IN				PULLED OUT						
					Jts.	LTM Feet	In.	WTM Feet	In.	Jts.	LTM Feet	In.	WTM Feet	In.	
<u>8-5/8"</u>	<u>32</u>	<u>87</u>	<u>R2 SS</u>	<u>C</u>	<u>15</u>	<u>427</u>	<u>0</u>	<u>431</u>	<u>0</u>						

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	TOP	BOTTOM	GAS		OIL		REMARKS
			FROM	TO	FROM	TO	
<u>Source: Schlumberger</u>							
<u>Elgin Sand</u>	<u>3796'</u>						
<u>Reedner Shale</u>	<u>3936'</u>						
<u>Toronto Lime</u>	<u>3959'</u>						
<u>Douglas</u>	<u>4031'</u>						
<u>Brown Lime</u>	<u>4094'</u>						
<u>Lansing Lime</u>	<u>4110'</u>						

### TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT

### WORKOVER RECORD

TYPE WORK	DATE COM'D.	DATE COMP.	Plugged back or Deepened		PROD. BEFORE	PROD. AFTER
			FROM	TO		



RECORD OF FORMATIONS

SKELLY OIL COMPANY

FORMATION

TOP

BOTTOM

REMARKS

Indicate Casing Points, Describe shows of Oil, Gas and Water, etc.

Red bed and shale  
Shale and shells

Surf. 40  
40 1102

Spudded 6/19/64  
(drilled 12-1/4" hole to 400'  
and 7-7/8" hole to 1102'.  
Reamed 7-7/8" hole to 12-1/4"  
to 437'.

Set 8-5/8" casing in 12 1/4"  
hole at 437' and cemented  
with 275 sacks of HA-5 cement.  
Cement circulated.

Shale and shells  
Lime  
Lime and shale  
Lime  
Lime and shale

1102 1940  
1940 2280  
2280 2395  
2395 2565  
2565 4117

Top Klein Sand 3796'  
Top Heebner Shale 3936'  
Top Toronto 3959'  
Top Douglas 4031'  
Top Brown Lime 4094'  
Top Lansing Lime 4110'

Cream to buff, fine  
crystalline limestone  
with fair to good  
collocastic porosity,  
no show oil  
Sand and shale  
Lime

4117 4120  
4120 4130  
4130 4165

DRILL STEM TEST NO. 1  
4082'-4140' (Schlumberger), tool  
open 30 mins. for IFP, gas to  
surface in 2 minutes, gas  
gauged 460 MCF in 15 mins.;  
30 mins., 416 MCF; SI 30 mins. for  
IBHP, open 1 hour, gas gauged  
740 MCF; in 45 mins. gas  
stabilized at 391 MCF; SI 30  
mins. for FBHP; recovered 90'  
muddy water and 240' salt water;  
IBHP-1494', IFP-1287', FFP-1234',  
FBHP-1494'.

Total depth (driller) 4165'  
TOTAL DEPTH (Schlumberger) 4171'

Total depth reached 6/26/64.

Ran Schlumberger Induction, Gamma Ray Laterolog and Caliper Survey to  
4171'.

DRILL STEM TEST NO. 2  
4100'-4125', using straddle  
packer, tool open 30 mins. for  
IFP, gas to surface in 2mins.,  
gas gauged 588 MCF, decreasing to  
367 MCF in 30 mins., SI 30 mins.  
for IBHP, open 1 hour, gas  
gauged 870 MCF, stabilized in  
30 mins. at 340 MCF, SI 30 mins.  
for FBHP, recovered 110' heavy  
gas cut mud and 120' salt water;  
IBHP-1503', IFP-82', FFP-64',  
FBHP-1503'.

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OCT 20 1964

CONSERVATION DIVISION  
Wichita, Kansas

Regular authority was granted to plug and abandon the well due to the water  
accompanying the gas and the thin gas zone.

Plugged the well as follows:

Mud laden fluid 4171' to 210'  
Rock bridge 210' to 200'  
25 sacks of cement 200' to 125'  
Mud 125' to 40'  
Rock bridge 40' to 30'  
10 sacks of cement 30' to base of cellar  
Surface soil Cellar to Surface

Plugged and abandoned June 27, 1964.

SLOPE TEST DATA

DEPTH	ANGLE IN DEGREES
250'	1-1/4
400'	1-1/2
1500'	3/4
1965'	1-1/2
2300'	1-3/4
3235'	1-1/2
3600'	2
4000'	1-1/2

DATE	TYPE WORK	DATE COMP.	DATE