

15-051-06742-0000

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

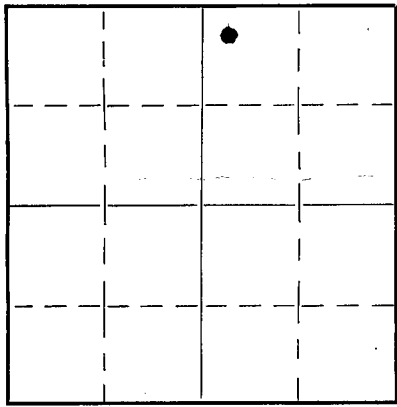
OR

FORMATION PLUGGING RECORD

Strike out upper line
when reporting plug-
ging off formations.

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

NORTH



Locate well correctly on above
Section Plat

Ellis County. Sec. 10 Twp. 13S Rge. 17 (E) W/ (W)
Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines NW 1/4 of NE 1/4 of Section 10.
Lease Owner THE HARWOOD OIL COMPANY
Lease Name Karlin Well No. One
Office Address Box 1212 Wichita, Kansas.
Character of Well (Completed as Oil, Gas or Dry Hole)
Date, well completed November 10, 1936 193
Application for plugging filed 193
Application for plugging approved 193
Plugging Commenced August 8, 1940
Plugging Completed August 19, 1940
Reason for abandonment of well or producing formation

If a producing well is abandoned, date of last production Do not know 193
Was permission obtained from the Conservation Division or its agents before plugging was com-
menced? Yes

Name of Conservation Agent who supervised plugging of this well C. T. Alexander
Producing formation Kansas City Depth to top 3300 Bottom 3315 Total Depth of Well 3550 Feet.
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
sand	water 4 B.	340	350	20	10	10
shale	" 2 B.	2810	2830	15	535	365
lime	oil	3300	3315	12	1190	1190
lime	water H. F.	3545	3550	10	2434	2434
				8	2804	2804
				7	3280	3165
				5	3532	3532

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.

Well previously plugged back to 3400
Filled with mud to 3300
Cement with Dump Bailer to 3285
Filled with mud to 3165
Cement 3165 up to 3150 Dump bailer
Filled with mud to 60
Cement to 45 Mud to celler Capped with Cement Plug.

Pd.
8/26/40
H.A.
BOOK PAGE 112 LINE 7
10 13 17W

(If additional description is necessary, use BACK of this sheet)

Correspondence regarding this well should be addressed to THE HARWOOD OIL COMPANY,
Address Wichita, Kansas.

STATE OF Kansas, COUNTY OF Sedgwick, ss.
J. W. HARWOOD (employee of owner) or (owner or operator) 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) J. W. Harwood
1008 Bitting Building, Wichita, Kansas.
(Address)

SUBSCRIBED AND SWORN to before me this 26th day of August, 1940.

My commission expires Nov. 22, 1943

(Signature) Notary Public.

15-051-06742-0000

WELL LOG

HARRIS AND HAUN CORPORATION

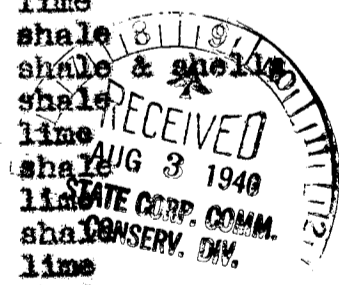
BLACKWELL, OKLAHOMA

R. KARLIN #1: NW/4 of NE/4 of Section 10, Township 13 S., Range 17 W.,
Ellis County, Kansas

ELEVATION: 2013'

STARTED: Aug. 28, 1936
Completed: Nov. 10, 1936

CELLAR	0	10	lime	2075	2105
blue mud	10	60	shale	2105	2125
shale dark	60	290	lime	2125	2160
GYP	290	295	shale	2160	2165
shale	295	340	lime hard	2165	2195
sand water @ 350'			shale	2195	2200
4 BPH	340	365	red rock	2200	2220
white shale	365	370	lime hard	2220	2240
red rock	370	380	shale	2240	2250
lime	380	385	lime	2250	2270
light shale	385	390	shale	2270	2280
red rock	390	425	lime	2280	2285
lime	425	440	red rock	2285	2290
sand	440	585	lime	2290	2305
shale sticky	585	615	shale & shells	2305	2320
sandy lime	615	630	lime hard	2320	2330
shale & shells	630	650	shale	2330	2345
blue shale	650	660	lime	2345	2350
sand	660	665	red rock & shells	2350	2365
lime	665	675	lime	2365	2390
shale mud sticky	675	700	shale	2390	2395
mud sticky	700	710	lime	2395	2410
sand	710	780	red rock	2410	2434
shale	760	770	lime	2434	2490
sand	770	812	shale	2490	2500
shale	812	818	red rock	2500	2505
lime	818	835	lime	2505	2530
red rock	835	865	shale	2530	2545
sand hard	865	880	lime	2545	2560
red rock	880	1185	shale	2560	2565
chalk	1185	1179	lime	2565	2600
anhydrite	1179	1220	slate	2600	2605
red rock	1220	1260	lime	2605	2610
lime	1250	1255	shale	2610	2630
red rock	1255	1320	shale & shells	2630	2655
lime	1320	1325	shale	2655	2670
red rock	1325	1355	lime	2670	2680
blue shale	1355	1385	shale	2680	2690
red rock - cave	1385	1400	lime	2690	2695
lime	1400	1420	shale	2695	2705
red rock	1420	1470	lime	2705	2710
blue shale	1470	1480	shale	2710	2715
lime broken	1480	1535	lime	2715	2725
lime hard	1535	1550	red rock	2725	2730
salt	1550	1565	shale	2730	2740
lime & salt	1565	1820	lime	2740	2745
shale blue	1820	1825	shale-cave	2745	2780
lime	1825	1830	lime (corrected		
shale blue	1830	1840	9' short at 2804	2780	2798
lime	1840	1850	shale	2798	2810
shale	1850	1860	lime sandy	2810	2830
shells & shale	1860	1920	shale	2830	2835
lime hard	1920	1935	lime hard	2835	2865
shale	1935	1940	shale	2865	2870
red rock	1940	1945	lime	2870	2880
lime	1945	1955	shale (2 B water		
red rock	1955	1960	2810-30)	2880	2900
lime	1960	1990	lime	2900	2910
shale / 10 13 17u	1990	2015	shale	2910	2955
lime / 12 7	2015	2055	lime	2955	2965
red rock	2055	2075	shale	2965	2972
			lime hard	2972	3085



Page 2. R. Karlin #1 Well Log.

shale	3085	3090
lime hard	3090	3095
lime	3095	3135
shale	3135	3140
lime	3140	3167
shale	3167	3170
lime	3170	3210
slate	3210	3215
lime	3215	3217
shale & shells	3217	3235
lime hard	3235	3240
(smell oil 3240-3)		
lime hard	3240	3250
shale	3250	3258
red rock	3258	3270
lime hard-	3270	3275
shale	3275	3280
lime	3280	3287
slate	3287	3290
lime hard	3290	3300
lime (oil 3300-		
3315 gas 3305-		
3315)	3300	3315
lime hard	3315	3335
red rock	3335	3338
lime	3338	3392
shale	3392	3405
lime	3405	3408
lime broken	3408	3443
lime	3443	3492
shale	3492	3505
lime	3505	3510
conglomerate	3510	3530
lime (water 3510)	3530	3550
	H.F.W.	

CASING RECORD

<u>SIZE</u>	<u>AMT.</u>	<u>SET</u>	<u>AMT.</u>	<u>FULLED</u>
20"	18'	10"	18'	10"
15 1/2"	535'			None
12 1/2"	695'			
	U.D1190'		1190'	
10"	2434'		2434'	
8"	2804'		2804'	
6"	3280'		3280'	
5"	3532'		3532'	

Plugged back to 3400'
24 hr. Potential 633 Barrels



10 13 17W
112 7