

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

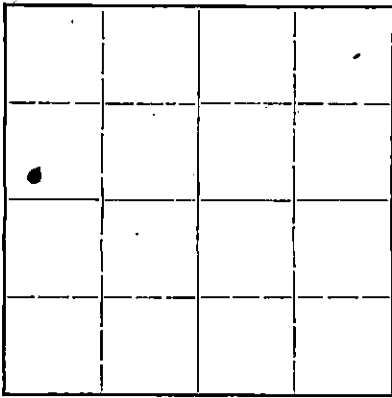
Give All Information Completely
Make Required Affidavit
Well or Dripper Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

OR

FORMATION PLUGGING RECORD

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

NORTH



Locate well correctly on above
Section Flat

Rush County. Sec. 23 Twp. 18 Rge. D (E) 16 (W)
Location as "NE1/4NW1/4SW1/4" or footage from lines 330' from Sabine, 330' from West
Lease Owner Flynn Oil Co - Etal
Lease Name Koriel Well No. 2
Office Address 813 Thompson Bldg, Tulsa 3, OKla
Character of Well (completed as Oil, Gas or Dry Hole) Comb - Gas + Oil
Date well completed JAN 28 1947
Application for plugging filed No record at this office 1947
Application for plugging approved '' 19''
Plugging commenced '' 19''
Plugging completed November 16 1948
Reason for abandonment of well or producing formation Well quit producing

If a producing well is abandoned, date of last production App. July 1944
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 Kerr + Stough
Producing formation Reagan Sand Depth to top 3508 Bottom 3553 Total Depth of Well 3558 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
<u>Sand</u>	<u>Water</u>	<u>15</u>	<u>67</u>	<u>20"</u>	<u>105</u>	<u>105</u>
<u>SAND Dakota</u>	<u>salt Water</u>	<u>400</u>	<u>605</u>	<u>16"00</u>	<u>395</u>	<u>None</u>
<u>Reagan Sand</u>	<u>Gas</u>	<u>3508</u>	<u>3534</u>	<u>13"00</u>	<u>935</u>	<u>None</u>
<u>Reagan Sand</u>	<u>Oil</u>	<u>3534</u>	<u>3553</u>	<u>10 3/4"00</u>	<u>2030</u>	<u>2030</u>
				<u>8 5/8"00</u>	<u>3250</u>	<u>3250</u>
				<u>6 7/8"00</u>	<u>3509</u>	<u>None</u>
				<u>4 1/4"00</u>	<u>3565</u>	<u>2650</u>

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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

16"00 casing cemented w/ 100 sal cement when run.
13"00 casing cemented w/ 75 sal cement when run.

Formation was plugged back w/ 5 sal cement dumped from 3558 to 3495. 1 1/2" pipe 4 3/4" pipe was shot off at 2650. Dakota water hole under this 13"00 casing and it was decided that it would be unwise to try to pull 6 7/8"00 casing. 6 7/8" was bridged at 800' w/ rock and filled to top w/ app 100 sal cement. 800' sal cement was then circulated between 6 7/8"00 and 13"00 and between 16"00 + 13"00"

Job then approved by Mr C.D. Stough.

11-21

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

Correspondence regarding this well should be addressed to Flynn Oct 60
Address 813 Thompson Bldg Tulsa 3 Okla

STATE OF Oklahoma, COUNTY OF _____, SS. _____ (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.

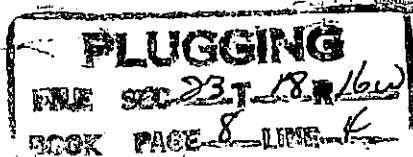
(Signature) J W Harmon

(Address)

SUBSCRIBED AND SWORN to before me this 17 day of Nov, 1948

My commission expires Aug 9 - 1952

J. H. [Signature]
Notary Public.



KORIEL A-2, SW/4 NW/4
 23-18S-16W, RUSH COUNTY
 KANSAS

15.165.02138.00.00

COMMENCED 9/4/36
 COMPLETED

ELEVATION 1930'

CASING RECORD

20"	100'	10"	2030'
15 1/2"	395'	8 1/4"	3250'
12 1/2"	925'	7 "	3509'6"
		4-3/4"	3515'

DRILLING RECORD

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
Soil	0	15	Lime	1720	1735
Quick Sane	15	67	Shale & shells	1735	1745
Red Clay	67	70	Lime & shale	1745	1785
Light shale	70	85	Lime	1785	1880
Red shale	85	100	Shale	1880	1885
Run 20"			Lime	1885	1935
Light shale	100	115	Shale & shells	1935	1950
Red shale	115	150	Shale & lime	1950	1980
Blue shale	150	160	Lime	1980	2030
Red shale	160	180	Run 10" @ 2030'		
Sand HFW	180	215	Sandy Lime	2030	2090
Run 15 1/2" 395'			1/2 BW 2060-2070		
Blue shale	215	400	Brown shale	2090	2100
Sand	400	508	Lime	2100	2115
Red shale	508	540	Lime & shale	2115	2160
Sand	540	605	Red shale	2160	2175
Red shale	605	982	Lime & shale	2175	2270
Lime	982	1005	Sandy lime	2270	2285
2 1/2 BW @ .995'			Lime	2285	2295
White shale	1005	1010	Red shale	2295	2325
Red shale	1010	1050	Lime	2325	2425
Blue shale	1050	1060	Red shale	2425	2435
Red shale	1060	1195	Lime	2435	2450
Brown shale	1195	1210	Lime & shale	2450	2615
Lime	1220	1220	Blue shale	2615	2645
Blue shale	1220	1235	Lime	2645	2665
Lime & Blue shale	1235	1255	Lime & shale	2665	2715
Blue shale & shells	1255	1270	Lime	2715	2765
Brown shale	1270	1310	Shale	2765	2780
Lime	1310	1320	Lime	2780	2825
1 BW 1335			Shale	2825	2840
Blue shale	1320	1430	Lime	2840	2885
5 BWPB			Lime shale	2885	2920
Salt	1430	1705	Lime	2920	3075
White shale	1705	1720	Blue shale	3075	3080
			Lime	3080	3150

RECEIVED
 NOV 20 1948
 STATE DEPARTMENT
 COMMISSION
 KANSAS

More water 3135-45

PLUGGING
 FILE SEC 23 T 18 R 16
 BOOK PAGE 9 LINK 4

Kcziel A-2 continued

FORMATION	TOP	BOTTOM
Sandy lime	3150	3156
2 BWH		
Lime	3156	3170
Blue shale	3170	3180
Lime	3180	3200
Brown shale	3200	3210
Blue shale	3210	3225
Set 8" 3250		
Lime	3225	3270
Sandy lime	3270	3280
HFW		
Lime, dark	3280	3360
Lime	3360	3370
Blue Shale	3370	3378
Lime	3378	3390
Lime & shale	3390	3425
Lime	3425	3430
Red rock	3430	3435
Lime	3435	3441
Conglomerate	3441	3508
Sand	3508	3553
Show oil 3534		
Shist, red	3553	3558
Total depth		3558

Production Oil 26 bbl
 Gas 42 Million