

STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

Russell County. Sec. 10 Twp. 15 Rge. 11 (E) W. (W)

Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines NW NE NE

Lease Owner National Cooperative Refinery Association

Lease Name Flegler Well No. A-4

Office Address 820 Union National Bank Building, Wichita, Kansas.

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed 5-14 1950

Application for plugging filed 5-14 1950

Application for plugging approved 5-14 1950

Plugging commenced 5-14 1950

Plugging completed 5-17 1950

Reason for abandonment of well or producing formation

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

Name of Conservation Agent who supervised plugging of this well Pettie at Hays, Kansas

Producing formation Depth to top Bottom Total Depth of Well 3265 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	5 BW Fresh	165	175	15 $\frac{1}{2}$ "	50'	50'
"	H-FW Salty	215	230	12 $\frac{1}{2}$ "	337'	337'
				10 "	744'	180'
				8 5/8"	2522'	2522'
Kansas City Lime	HFW	3125	3130	7 "	3137'	3137'
" " "	"	3260	3265			

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.

Pumped hole full of mud w/Halliburton pump truck. Pulled all casing except 10", left in-26 jts 554', which makes the top of casing at 190' from the top of hole. Put in 12" x 12" pin plug tapered @ bottom to set in 10" casing. Put in 5' of rock. Run 2" pipe down to bridge. Mixed 10 sacks of Baroid w/1 sack of aqua-gel ahead of 25 sacks of cement mixed by Halliburton pump truck. Pulled 12 $\frac{1}{2}$ " casing on out. Filled hole w/mud up to 45' from top. Put in bridge & rock mixed 10 sacks of cement. This was to seal off a gravel bed. Let set over night filled hole w/rock up to 5' below cellar bottom and cement w/10 sacks of mixed cement. Used Calcium Chloride w/all cement jobs.

RECEIVED  
Conservation Div.  
MAY 26 1950  
STATE CORPORATION  
COMMISSION  
KANSAS

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

Correspondence regarding this well should be addressed to Address 5-26-50

STATE OF Kansas, COUNTY OF Sedgwick, ss.  
Employee, James C. Hogwood (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) James C. Hogwood  
James C. Hogwood  
820 Union National Bk Bldg, Wichita, Kansas  
(Address)

SUBSCRIBED AND SWORN to before me this 24 day of May, 1950

My commission expires November 5, 1951

Pauline Henderson  
Notary Public

PLUGGING  
FILE SEC 10 TWP 15 R 11 E  
BOOK PAGE 6 LINE 4

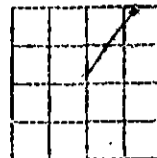
WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY  
508 East Murdock Wichita, Kansas

Company - N. C. R. A.  
Farm - Flegler "A" No. 4

SEC. 10 T. 15 R. 14W  
NW NE NE

Total Depth. 3265  
Comm. 4-1-50 Comp. 5-17-50  
Shot or Treated.  
Contractor. NCRA  
Issued. 6-3-50

County. Russell  
KANSAS



CASING:  
15 1/2" 50' P. 8 5/8" 2360 P.; UR 2522' P.  
12 1/2" 337 " 7" @ 3137'  
10" 744 "

Elevation. \_\_\_\_\_

Production. Dry

Figures Indicate Bottom of Formations.

cellar	10	shale	2940
shale	20	lime	2970
sand	40	black shale	2975
shale	60	lime	2983
shale & rock	125	shale	2990
redrock	165	lime	3007
sand	175	redrock	3010
shale	215	shale	3039
sand	230	lime	3055
shale	350	shale	3060
sand	370	lime	3114
redrock	739	shale	3117
lime	775	lime	3180
redrock	945	shale	3183
shale	990	lime	3250
redrock	1045	shale	3257
shale	1115	lime	3265
shale & shells	1150	Total depth	
salt	1425		
lime & shale	1450	Tops:	
shale & shells	1535	Anhy.	739
lime	1565	Heebner	2970
shale & shells	1600	Toronto	2987
lime	1710	Lansing	3039
redrock	1715		
lime	1755	Show Oil	2405
shale	1765		
lime	1865	2990 -	2997
shale & lime	1900		3060
lime	1930	Water	
lime & shale	1995		
lime	2020	5 barrels per hour	165
redrock	2030	4 " " "	220
lime	2085	HFW	275
redrock	2090	HFW	370
lime	2150	1 barrel per hr	2500
lime & shale	2180	3/4 barrel per hr	2940 - 50
shale & shells	2190	HFW	3125
lime	2210	HFW	3260 - 65
lime & shale	2250		
shells & shale	2275		
shale	2300		
shale & shells	2495		
lime	2500		
shale	2522		
lime	2539		
shale	2545		
lime	2550		
shale	2565		
lime	2630		
shale	2695		
lime	2935		

**RECEIVED**  
STATE CORPORATION COMMISSION  
SEP 27 1950  
CONSERVATION DIVISION  
Wichita, Kansas

9-27-50

**PLUGGING**  
SEC 10 T 15 R 14W  
ROCK FACE LINE 4