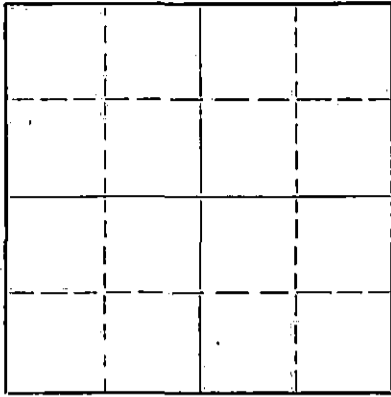


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

15-009-19260-0000  
WELL PLUGGING RECORD

NORTH



Locate well correctly on above  
Section Plat

Barton County, Sec. 18 Twp. 6 Rge. 11 (E) (W)

Location as "NE/CNW%SW%" or footage from lines SE NE NW

Lease Owner National Cooperative Refinery Association

Lease Name 820 Union National Bank Building Well No. 1

Office Address Krier

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

Date well completed February 6, 19 53

Application for plugging filed September 25, 19 52

Application for plugging approved September 26, 19 52

Plugging commenced October 29, 19 52

Plugging completed October 29, 19 52

Reason for abandonment of well or producing formation Production

Depleted.

If a producing well is abandoned, date of last production September 15, 19 52

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 C. D. Stough

Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3301- <sup>FE 2870</sup> 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
				8 5/8"	251'	Cemented
				5 1/2"	3295'	1612'

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.

Sanded hole from 2870' to 2835' and ran 5 sxs. cement. Bailed hole to 250', set 10' rock bridge and ran 15 sxs. cement. Mudded hole to 40', set 10' rock bridge and ran 10 sxs cement on up to base of cellar.

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

Name of Plugging Contractor West Supply Company

Address Chase, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.

W. Jean La Coss (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) W. Jean La Coss

820 Union National Bank Building

(Address)

SUBSCRIBED AND SWORN TO before me this 3 day of November, 19 52

My commission expires February 20, 1953.

I. A. Lange Notary Public.

24-2675-S 2-52-20M

**PLUGGING**  
FILE SEC 18 T 16 R 11-2  
BOOK PAGE 47 LINE 19

COPY

COPY

Krier #4

NE/4 NW/4 of Section 18-16S-11W  
Barton County, Kansas  
Black-Marshall Oil Company.

Commenced: January 14, 1943  
Completed: February 6, 1943

Surface clay, shale and shells	0	210
Lime and shale	210	300
Shale	300	365
Sand	365	385
Shale and shells	385	490
Red bed, shale and shells	490	525
Shale and shells	525	725
Anhydrite	725	754
Shale and shells	754	800
Shale, shells and chalk	800	1050
Shale and shells	1050	1200
Shale, shells and salt	1200	1275
Salt, shale and shells	1275	1370
Anhydrite, lime and shale	1370	1485
Shale and lime	1485	1495
Shale and lime (sandy)	1495	1600
Lime and shale	1600	1780
Shale and sandy lime	1780	1900
Lime and shale	1900	2255
Broken shale	2255	2325
Shale and lime	2325	2485
Shale and lime	2485	2550
Sandy shale and lime	2550	2610
Shale and lime	2610	2725
Lime	2725	2910
Lime and shale	2910	2945
Broken lime and shale	2945	2996
Lime	2996	3195
Lime and shale	3195	3225
Lime	3225	3279
Lime and shale	3279	3290
Lime	3290	3309
TOTAL DEPTH	3309	

CASING RECORD

8-5/8" Casing set at 251' and cemented with 150 sacks of cement.

5-1/2" Casing set at 3295' and cemented with 100 sacks of cement.

STATE OF OKLAHOMA )  
                          ) SS  
COUNTY OF TULSA

I hereby affirm that the above and foregoing is a true and correct copy of the log of your Krier Well #4, located in the Northeast Quarter of the Northwest Quarter of Section 18 Township 16 South, Range 11 West, Barton County, Kansas

HELMERICH & PAYNE, INC.

BY William Broadhurst /s/  
Treasurer

Subscribed and sworn to before me, a Notary Public, this 26th day of February, 1943

Sue Griffin /s/

Notary Public

My commission expires  
July 22nd, 1943.

