

STATE OF KANSAS
STATE CORPORATION COMMISSION

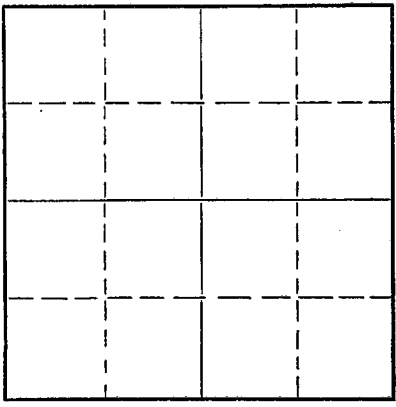
WELL PLUGGING RECORD

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

Graham County. Sec. 29 Twp. 8S Rge. 24 (E) (W)

Location as "NE/CNW/SW" or footage from lines NW NW NW
Lease Owner National Cooperative Refinery Association
Lease Name Ralph Keith Well No. 1
Office Address 305 Rule Building, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed December 3, 1954
Application for plugging filed December 6, 1954
Application for plugging approved December 7, 1954
Plugging commenced December 3, 1954
Plugging completed December 3, 1954
Reason for abandonment of well or producing formation Dry Hole

NORTH



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

Name of Conservation Agent who supervised plugging of this well Eldon Petty
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4510 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"	182'	None-cemented

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.

Mudded hole to 175'. Set plug / 1/2 sax hulls / 15 sax cement. Mudded hole to 40'
Set plug / 1/2 sax hulls / 10 sax cement on up to base of cellar.

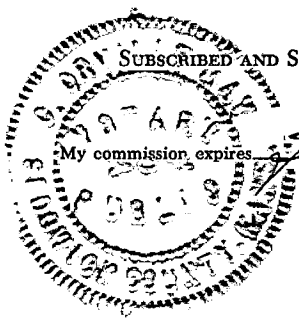
(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Empire Drilling Company
Address 1121 Union National Bank Bldg. Wichita, Kansas

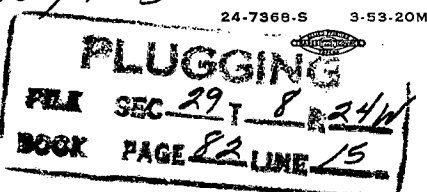
STATE OF Kansas, COUNTY OF Sedgwick, ss.
C. R. Sears (employee of owner) or (~~owner or operator~~) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that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

(Signature) C. R. Sears
305 Rule Building, Wichita, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 8th day of December, 1954



C. Revilla May
Notary Public



12-9-1954
DIVISION

LOG

COMPANY: NATIONAL COOPERATIVE REFINERY
ASSOCIATION & EMPIRE DRILL-
ING COMPANY

CONTRACTOR: EMPIRE DRILLING COMPANY

FARM: RALPH KEITH #1

LOCATION: NW NW NW, SEC. 29-8-24
GRAHAM COUNTY, KANSAS

COMMENCED: 11/19/54

COMPLETED: 12/3/54

0	TO	191	SURFACE HOLE
191	TO	970	SHALE AND SHELLS
970	TO	1405	SHALE
1405	TO	1715	SHALE AND SHELLS
1715	TO	2113	SHALE REDBED
2113	TO	2145	ANHYDRITE
2145	TO	2260	SHALE
2260	TO	2430	SHALE AND SHELLS
2430	TO	2550	SHALE
2550	TO	2795	SHALE AND SHELLS
2795	TO	2910	SHALE
2910	TO	3210	SHALE AND LIME
3210	TO	3385	LIME AND SHALE
3385	TO	3640	SHALE AND LIME
3640	TO	3935	LIME
3935	TO	4010	LIME AND SHALE
4010	TO	4060	SHALE AND LIME
4060	TO	4412	LIME
4412	TO	4438	LIME AND SHALE
4438	TO	4510	LIME

SET 182' OF 8-5/8" SURFACE CASING, CEMENTED WITH 115 SACKS OF CEMENT.

ELEVATION: 2394 K. B.

TOPS: ANHYDRITE 2113'; TORONTO 3718'; L.S. K.C. 3733'; BASE OF K.C. 3956'; MARMATON
GROUP 4065'; PENNSYLVANIAN CONGLOMERATE 4226'; MISSISSIPPIAN CHERT 4256';
MISSISSIPPIAN LIMESTONE 4278'; KINDERHOOK SHALE 4345'; VIOLA 4354'; SIMPSON
BAND 4449'; ARBUCKLE 4487'; R.T.D. 4510'.

D.S.T. 3880' TO 3920'

D & A

12-11-1954

CERTIFICATION

I, DAN J. KORNFELD, DO HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS A TRUE AND COR-
RECT COPY OF THE LOG ON THE RALPH KEITH #1, NW NW NW, SECTION 29, TOWNSHIP 8, RANGE
24 WEST, GRAHAM COUNTY, KANSAS AS REFLECTED BY THE FILES OF THE EMPIRE DRILLING COMPA-
NY.

Dan J. Kornfeld
DAN J. KORNFELD

SUBSCRIBED AND SWORN TO BEFORE ME A NOTARY PUBLIC WITHIN AND FOR SEDGWICK COUNTY, KANSAS
THIS 10TH DAY OF DECEMBER 1954.

MY COMMISSION EXPIRES MAY 5, 1956

Mary Steimier
NOTARY PUBLIC

PLUGGING
FILE SEC 29, R. 24W
BOOK PAGE 12 LINE 15