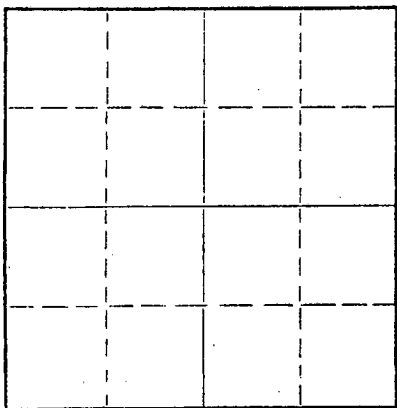


15-065-01585-00-00

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

NORTH



Locate well correctly on above
Section Plat

GRAHAM County. Sec. 3 Twp. 19 Rge. (E) 24 (W)
Location as "NE/CNWSWK" or footage from lines SW/4 SE/4 SW/4
Lease Owner EMPIRE DRILLING COMPANY
Lease Name KEITH Well No. 4
Office Address 400 BROWN BUILDING WICHITA, KANSAS
Character of Well (completed as Oil, Gas or Dry Hole) OIL
Date well completed APRIL 17, 1955 19
Application for plugging filed AUGUST 7, 1957 19
Application for plugging approved AUGUST 7, 1957 19
Plugging commenced 19
Plugging completed AUGUST 7, 1957 19
Reason for abandonment of well or producing formation DEPLETED

If a producing well is abandoned, date of last production JUNE 1, 1957 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 LANSING KC Depth to top _____ Bottom _____ Total Depth of Well 3920 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
	CASING	0	3910	5 1/2"	3910	1703
	SURFACE	0	176	8 5/8"	176	0

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 3920 feet to SURFACE feet for each plug set.

SAND WAS PLACED IN HOLE FROM 3920 TO 3890 FEET. SIX SACKS CEMENT PLACED IN HOLE WITH DUMP BAILER, PIPE SHOT OFF AT 1703' AND PULLED FROM HOLE. HOLE FILLED WITH MUD TO 200' TEN FOOT ROCK BRIDGE INSTALLED BETWEEN 200 FEET AND 190 FEET. TWENTY SACKS OF CEMENT POURED IN HOLE AND HOLE MUDDED TO 35 FEET; FIVE FOOT ROCK BRIDGE INSTALLED BETWEEN 35 AND 30 FEET AND HOLE CAPPED WITH TEN SACKS OF CEMENT.

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

Name of Plugging Contractor BARNES AND SONS PIPE PULLING COMPANY
Address RUSSELL, KANSAS

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.
I, DAN J. KORNFELD ~~employee of owner or operator~~ (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) Dan J. Kornfeld

400 BROWN BUILDING
(Address)

SUBSCRIBED AND SWORN to before me this 19TH day of AUGUST, 1957

My commission expires JULY 2, 1958

Hazel Pierson
Notary Public.
STATE CORPORATION COMMISSION

PLUGGING

FILE SEC 3 T. 9 R. 24W
BOOK PAGE 36 LINE 44

AUG 20 1957
08-20-1957
CONSERVATION DIVISION
Wichita, Kansas

15-065-01585-00-00

LOG

COMPANY: EMPIRE DRILLING COMPANY, WICHITA, KANSAS

CONTRACTOR: EMPIRE DRILLING COMPANY, WICHITA, KANSAS

FARM: IDA KEITH NUMBER 4

LOCATION: SW SE SW SECTION 3-9-24 GRAHAM COUNTY, KANSAS

COMMENCED: APRIL 7, 1955

ELEVATION: 2414 KB

COMPLETED: APRIL 17, 1955

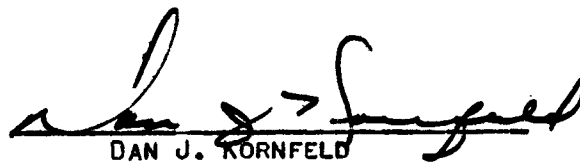
0	TO	190	SURFACE
190	TO	1485	SHALE AND SAND
1485	TO	2100	SHALE AND SHELLS
2100	TO	2135	ANHYDRITE
2135	TO	2325	SHALE
2325	TO	2535	SHALE AND SHELLS
2535	TO	2650	SHALE
2650	TO	2855	SHALE AND SHELLS
2855	TO	3745	LIME AND SNALE
3745	TO	3909	LIME
		3909	R.T.D.

SET: 176' OF 8 5/8" CASING, CEMENTED WITH 115 SACKS CEMENT

RAN: 3910' OF 5 1/2" CASING, CEMENTED WITH 75 SACKS OF CEMENT

TOPS:	ANHYDRITE	2100
	HEEBNER	3712
	TORONTO	3735
	LANSING	3753

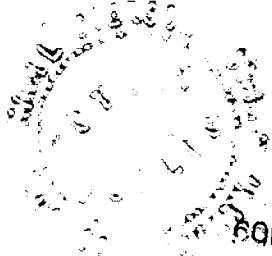
I, DAN J. KORNFELD, DO HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS A TRUE AND CORRECT COPY OF THE LOG ON THE KEITH NO. 4, SW SE SW, SECTION 3-9-24W, GRAHAM COUNTY, KANSAS, AS REFLECTED BY THE FILES OF THE EMPIRE DRILLING COMPANY.


DAN J. KORNFELD

SUBSCRIBED AND SWORN TO BEFORE ME A NOTARY PUBLIC WITHIN AND FOR SEDGWICK COUNTY, KANSAS, THIS 16TH DAY OF AUGUST, 1957.


HAZEL PIERSON, NOTARY PUBLIC

MY COMMISSION EXPIRES JULY 2, 1958



CONFIDENTIAL DIVISION
Wichita, Kansas

PLUGGING
FILE SEC. 3 T 9 R 24 W
BOOK PAGE 36 LINE 44