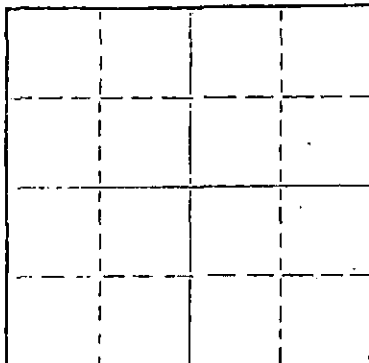


STATE OF KANSAS  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
P. O. BOX 17027  
WICHITA, KANSAS 67217

FORM CP-4

WELL PLUGGING RECORD

NORTH



Locate well correctly on above  
Section Plot

Pawnee County, Sec. <sup>10</sup> 2 Twp. 20 Rge. 19 (E) (W)  
Location as "NE/CNW&SW" or footage from line SW NW NW  
Lease Owner National Cooperative Refinery Assn.  
Lease Name Hagerman #5 Well No.  
Office Address Great Bend, Kansas 67530  
Character of Well (completed as Oil, Gas or Dry Hole)  
Date well completed 19  
Application for plugging filed 19  
Application for plugging approved 19  
Plugging commenced 7/12/76 19  
Plugging completed 7/23/76 19  
Reason for abandonment of well or producing formation depleted.

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 Massey  
Producing formation Depth to top Bottom Total Depth of Well 4266  
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	169	none
				5 1/2	4266	3140'

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 to 4150' and ran 4 sacks cement. Shot pipe at 3500', 3310', 3215', 3120', pulled 86 joints. Squeezed well with 10 sacks gel, 3 sacks hulls, 15 sacks gel, released plug and displaced with 130 sacks cement.

PLUGGING COMPLETE.

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

Name of Plugging Contractor KELSO CASING PULLING  
Address CHASE, KANSAS

STATE OF KANSAS COUNTY OF RICE  
R. DARRELL KELSO

(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) R. Darrell Kelso  
CHASE, KANSAS

SUBSCRIBED AND SWORN TO before me this 26th day of July, 1976

My commission expires  
NOTARY PUBLIC  
MARGARET MELCHER  
Rice County, Ks.  
My Comm. Exp. Feb. 15, 1979

Margaret Melcher  
Notary Public.

KANSAS GEOLOGICAL SOCIETY  
 WELL LOG BUREAU - KANSAS WELL LOG BUREAU  
 KANSAS GEOLOGICAL SOCIETY BUILDING  
 508 EAST MURDOCK - WICHITA, KANSAS

15.145.0135 (8) 0000

COMPANY M. B. Armer

SEC: 10 T. 20 R. 19W

FARM Hagerman

NO. 5 FILE

LOC. SW NW NW

TOTAL DEPTH 4266

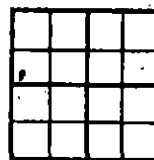
COUNTY Pawnee

COMM. 3/15/55

COMP. 3/28/55

KANSAS

SHOT OR TREATED



CONTRACTOR M. B. Armer

ISSUED

CASING

20	10	
15	8	169'
12	6	
13	5	4266'

ELEVATION 2241 K.B.

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Clay	40
Shells & Shale	169
Shale	280
Chalk	355
Sand	400
Blue Sticky Shale	620
Red Bed	695
Red Bed & Shale	775
Sand	950
Shale	980
Sand	1010
Red Bed & Shale	1398
Anhydrite	1430
Shale & Shells	1990
Broken Lime	2040
Shale & Lime	3832
Lime	4102
Shale & Lime	4206
Congl. & Sand	4246
Cherty Congl. & Sand	4266

FORMATION TOPS

HEEBNER	3684
TORONTO	3704
LANSING	3731
BASE KANSAS CITY	4042
CONGLOMERATE SAND	4184

RECEIVED  
 STATE CORPORATION COMMISSION

MAR 11 1976

CONSERVATION DIVISION  
 Wichita, Kansas

I hereby certify that this is a true and correct log of the above described well as shown by the drilling reports.

M. B. ARMER

By *M. B. Armer*

STATE OF KANSAS

SS:

COUNTY OF SEDGWICK

Subscribed and sworn to before me, a notary public, in and for said County and State this 29th day of March, 1955.

*Rose Lurey*  
 Notary Public

My Commission expires February 13, 1956.