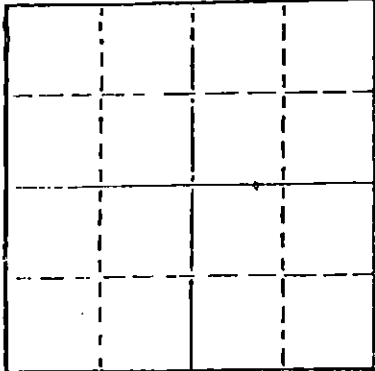


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Pawnee County, Sec. 10 Twp. 20 Rge. 19 E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
SW SE NW
Lease Owner National Cooperative Refinery Assn.
Lease Name Hagerman #3 Well No.
Office Address Great Bend, Kansas 67530
Character of Well (Completed as Oil, Gas or Dry Hole)



Locate well correctly on above
Section Plat

Date Well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 7/1/78 19
Plugging completed 7/24/78 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 4195
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	131	none
				5 1/2	4194	719'

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 hold. 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 4145' and ran 4 sacks cement. Loaded hole with salt water, shot pipe at 3595',
pipe parted, pulled 719'. Pumped 10 sacks gel, 2 sacks hulls, plug and 125 sacks posmix,
6% gel.

PLUGGING COMPLETE.

RECEIVED
STATE CORPORATION COMMISSION

JUL 28 1978

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

Name of Plugging Contractor KELSO CASING PULLING
CHASE, KANSAS CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS COUNTY OF RICE, ss.
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
(Address)

SUBSCRIBED AND SWORN TO before me this 26th day of July, 19 78

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

Margaret Melcher
Notary Public.

My commission expires

15.145.01434.0000

COMPANY M. B. Armer

SEC. 10 T. 20S R. 19W

FARM Hagerman

NO. 3

FIVE

LOC. SW SE NW

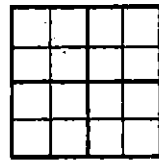
TOTAL DEPTH 4195'

COUNTY Pawnee

KANSAS

COMM. 6/3/53

COMP. 6/16/53



SHOT OR TREATED

CONTRACTOR

ISSUED

CASING

20	10
15	8 131'
12	6
13	5 4194'

ELEVATION 2227 K.B.

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Clay & Sand	40
Shale & Shells	131
Shale, Shells, Red Bed & Sand Streaks	410
Sand	490
Shale & Shells	550
Shale, Red Bed & Shells	765
Sand	990
Red Bed, Shells & Shale	1210
Red Bed & Shale	1367
Anhydrite	1395
Shale & Shells	1895
Shale & Lime	3740
Lime	3852
Shale & Lime	3894
Lime	4043
Shale & Lime	4175
Sand & Shale	4195

FORMATION TOPS (R.B. Meas.)

HEEBNER	3654
BROWN LIME	3680
LANSING	3704
Conglomerate Sand	4158

2 1/2" dia

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

RECEIVED
STATE CORPORATION COMMISSION

JUL 05 1978

By Merle Britting

STATE OF KANSAS

COUNTY OF SEDGWICK

SS CONSERVATION DIVISION
Wichita, Kansas

Subscribed and sworn to before me, a notary public, in and for said County and State this 22nd day of June, 1953.

Lorraine M Johnson
Notary Public