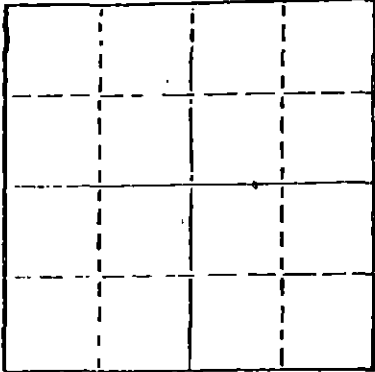


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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  
NW NW SW  
Lease Owner National Cooperative Refinery Assn.  
Lease Name Hagerman #2 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 7/6/78 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 4220  
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	133	none
				5 1/2"	4219	2305'

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 4135' and ran 4 sacks cement. Loaded hole with salt water, shot pipe at  
3597', 3197', 2800', 2600', 2308', pulled 71 joints. Pumped 20 sacks gel, 2 sacks hulls,  
plug and 125 sacks posmix, 6% gel.

PLUGGING COMPLETE.

RECEIVED  
STATE CORPORATION COMMISSION

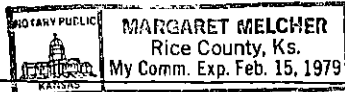
JUL 28 1978

(If additional description is necessary, use BACK of DIVISION Neet)  
Name of Plugging Contractor KHELSO CASING PULLING  
CHASE, KANSAS  
Wichita, Kansas

STATE OF KANSAS COUNTY OF RICE, ss.  
RE. E. DARBELLI, KHELSO (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. Darbelli*  
CHASE, KANSAS  
(Address)

SUBSCRIBED AND SWORN TO before me this 26th day of July, 1978



My commission expires

*Margaret Melcher*  
Notary Public.

KANSAS WELL LOG BUREAU --- KANSAS GEOLOGICAL SOCIETY

508 EAST MURDOCK - WICHITA, KANSAS

15.145.01433.0000

COMPANY M. B. Armer

SEC. 10 T. 20S R. 19W

FARM Hagerman

NO. 2 FILE

LOC. NW NW SW

TOTAL DEPTH 4220'

COUNTY Pawnee

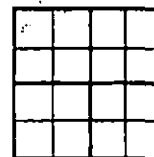
COMM. 5/18/53

COMP. 6/1/53

KANSAS

SHOT OR TREATED

CONTRACTOR M. B. Armer



ISSUED

CASINO

20	10	
15	8	140'
12	6	
13	5	4219'

ELEVATION 2243 K.B.

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Clan & Sand	50
Shells & Shale	140
Shells & Shale & Sand Strks	650
Red Bed & Shale	795
Sand	1015
Shale & Red Bed	1055
Shale & Shells	1380
Anhydrite	1410
Shale & Shells	1860
Shale & Lime	3776
Lime	4032
Lime, Shale & Chert	4084
Lime, Shale & Red Bed	4108
Shale & Lime	4164
Sand & Shale	4201
Shale & Lime	4220

FORMATION TOPS (R.B. Meas.)

HEEBNER	3651
KANSAS CITY	3700
CONGLOMERATE	4154
	2243
	1411

RECEIVED  
STATE CORPORATION COMMISSION

JUL 05 1978

CONSERVATION DIVISION  
Wichita, Kansas

Return to  
N. C. R. A.  
WELL FILE

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 2nd day of June, 1953.

*Rose Lurey*  
Notary Public

My Commission Expires: Feb. 13, 1956.