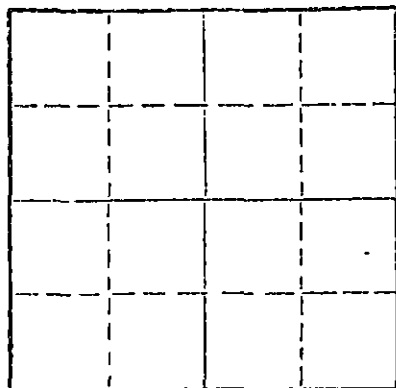


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
P. O. Box 17027
Wichita, Kansas 67217
NORTH

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Pawnee County, Sec. 18 Twp. 20 Rge. 19 (E) (W) X
Location as "NE/CNWESW" or footage from lines NW NW NW
Lease Owner National Cooperative Refining Assoc.
Lease Name Eckert Well No. #1
Office Address Box 6 Great Bend, Kansas
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 _____ 12-21-73 19____
Plugging completed _____ 12-29-73 19____
Reason for abandonment of well or producing formation _____

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? _____

Name of Conservation Agent who supervised plugging of this well Leo Massey
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4300' 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
				5 1/2"	4299'	2801.31'
				8 5/8"	3431'	

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.

Made bottom hole plug back with sand to 4200'. Mixed and ran 5 sacks cement thru dump bailer.
Plugged hole with 20 sacks gel - 3 sacks hulls - 70 sacks cement - 5 sacks gel - 20 sacks cement to base of cellar.

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JAN 2 1974
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Southwest Casing Pulling Co.
Address Box 364 Great Bend, Kansas

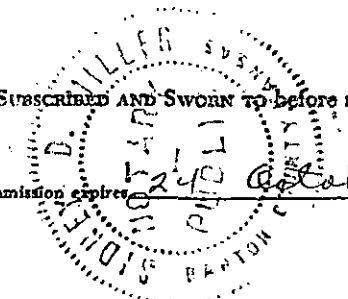
STATE OF Kansas, COUNTY OF Barton, ss.
Southwest Casing Pulling Co. (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed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

(Signature) W. C. Spencer Sec.
Box 364 Great Bend, Kansas
(Address)

Subscribed and Sworn to before me this 31 day of December, 1973

Sidney D. Miller
Notary Public.

My commission expires 24th October 1974



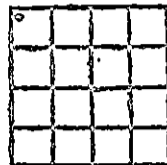
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- NATIONAL COOPERATIVE REFINERY ASS'N SEC.
Farm-Eckert No. 1

18th T. 20th R.19W
NW NW NW

Total Depth. 4300
Comm. 8-23-54 Comp. 9-7-54
Shot or Treated.
Contractor. Carl Todd Drilling Co.
Issued. 10-30-54

County Pawnee
KANSAS



CASING:

8 5/8 @ 343' w/ 200 sx cmt.
5 1/2 @ 4299' w/ 100 sx cmt.

Elevation. 2227 KB

Production. 91 BO, no water

Figures Indicate Bottom of Formations.

surface clay & shale	265
shale	300
shale & shells	343
shale	610
red bed	800
sand	950
sand & red bed	1000
red bed	1355
anhydrite	1385
shale	1515
shale & shells	1825
shale	2060
salt & shale	2150
lime & shale	2520
lime	2590
shale & lime	3340
lime	3400
lime & shale	3495
lime	3550
lime & shale	3665
lime	4175
shale & lime	4197
sand & shale	4232
sand	4250
lime	4280
chert & shale	4300
Total Depth	
Anhydrite	1355
Heebner	3657
Toronto	3676
Lansing	3703
Cherokee sand	4161
Mississippian	4280

DST #1: 4190-97, open 1 hr, rec. 30'
mud, BHP 0#

DST #2: 4211-32, open 2 hrs. rec.
2640' free oil, FP 375-806#, BHP 990#
in 30 min.

DST #3: 4232-50, open 2 hrs. rec.
560' salt water, FP 0-290#, BHP 610#
in 30 min.

Core #1: 4197-32, full recovery.

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