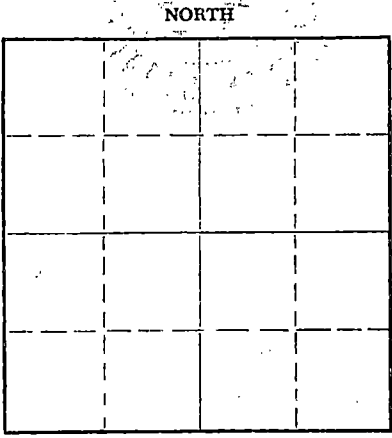


STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

WELL PLUGGING RECORD



Stafford County. Sec. 11 Twp. 24 Rge. 15 (E) (W)x
Location as "NE/CNW/SW" or footage from lines S/2 NE NW
Lease Owner: Midwestern Supply Co., Inc.
Lease Name: Harkness Well No. #4
Office Address: 203 Brown Bldg., Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) _____
Date well completed _____ 19____
Application for plugging filed 12-3-68 19____
Application for plugging approved 12-3-68 19____
Plugging commenced 12-9-68 19____
Plugging completed 12-13-68 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 Ralph J. Warren
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4740' 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"	4740'	2215.47'
				8 5/8"	236'	

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.

Squeezed perforations down tubing with 25 sacks cement. Checked hole and found top of cement from squeezed job at 3910'.
Squeezed hole with 10 sacks gel followed with 75 sacks cement followed with 5 sacks gel. Displaced with 10 sacks cement.

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DEC 16 1968
CONSERVATION DIVISION
Wichita, Kansas

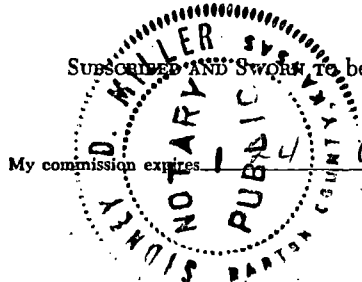
12-16-68

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Southwest Casing Pulling Co., Inc.
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. E. Spencer Sec
Box 364, Great Bend, Kansas
(Address)

Subscribed AND Sworn to before me this 14 day of December, 1968



Sidney D. Miller
Notary Public.

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

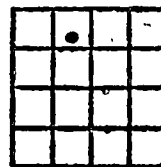
COPY

Company- WILKINSON DRILLING, INC.
Farm- Harkness No. 4

SEC. 11 T. 24 R. 15W
S/2 NE NW

Total Depth. 4160'
Comm. 2-7-62 Comp. 2-20-62
Shot or Treated.
Contractor.
Issued. 10-27-62

County Stafford
KANSAS



CASING:
8 5/8" 236'
5" 4140'

Elevation. 2019' KB

Production. 25-30 BOPD &
3,000,000 CFG

Figures Indicate Bottom of Formations.

sand, shale & shells	236
shale & shells	940
anhydrite	955
shale, shells & red beds	1405
lime & shale	1975
shale & lime	2230
lime & shale	3426
Heebner shale	3435
lime & shale	3520
shale & silty shale	3614
lime & shale streaks	3920
varicolored shale & chert	3958
chert	3974
shale	3979
chert	3997
shale	4006
sand	4013
shale	4039
sand & pyrite	4051
arbuckle dolomite	4160
arbuckle dolomite ?	4160
Total Depth	

TOPS: LOG	
Heebner	3475
Douglas	3520
Brown Lime	3614
Lansing	3622
Base Kansas City	3924
Viola	3958
Simpson	3997
Arbuckle	4051

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