

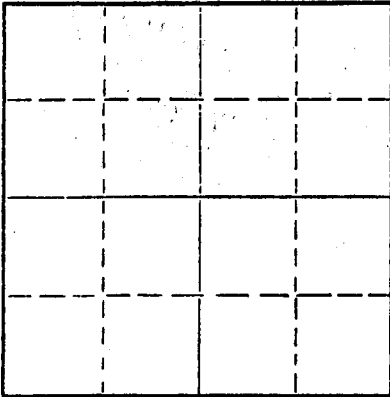
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Ness County, Sec. 11 Twp. 20 Rge. 25 (E) (W)
Location as "NE/CNW/SW" or footage from lines C NE SE
Lease Owner William H. Pine
Lease Name Harkness Well No. 1
Office Address McCulloch Building Okmulgee, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 11-3-70 19
Application for plugging approved 11-4-70 19
Plugging commenced 11-4-70 19
Plugging completed 11-6-70 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? Yes

Name of Conservation Agent who supervised plugging of this well Leo Massey
Producing formation Depth to top Bottom Total Depth of Well 4472 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
				8 5/8	241	None
				4 1/2	4463	453'.50
RECEIVED STATE CORPORATION COMMISSION NOV 13 1970 CONSERVATION DIVISION Wichita, Kansas 11-13-70						

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.

Moved into location and rigged up unit. Sanded to 4450'; dumped 4 sacks of cement and unpacked head. Pushed plug to 600'; dumped sand on plug and loaded hole. Shot casing at 510' and 450'. Laid down 14 joints of casing. Tallied casing and loaded out trailer. Bailed down 240', hole bridged. Plugged well with 3 1/2 yards of ready mix concrete.

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

Name of Plugging Contractor Forbes Casing Pulling Company
Address P. O. Box 221 Great Bend, Kansas

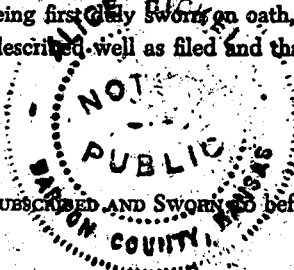
STATE OF Kansas COUNTY OF Barton ss.
James W. Rockhold (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the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

(Signature) James W. Rockhold
P. O. Box 221 Great Bend, Kansas (Address)

Subscribed AND SWORN to before me this 11 day of November, 19 70

My commission expires May 27, 1973

Notary Public.



15-135-20228-0000

RECEIVED
STATE CORPORATION COMMISSION
NOV 4 1970
CONSERVATION DIVISION
Wichita, Kansas

DRILLERS LOG

#1 Harkness

CASING RECORD: 248.11' of new 8-5/8" surface casing.	COMPANY: William H. Pine	DESCRIPTION: C/RE SE Section 11-208-25W Hess County, Kansas
TOTAL DEPTH: 4470'	CONTRACTOR: Strata Drilling, Inc.	ELEVATION: 2410' DP
	COMMENCED: January 20, 1969	
	COMPLETED: February 1, 1969	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Clay & Post Rock	0	60	Ran 248.11' of new 8-5/8" surface casing; set and cemented at 248.11' with 145 sacks of common cement and 2% gel. Plug down at 3:30 A. M. January 21, 1969.
Clay, Shale, Sand	60	253	
Shale	253	870	
Shale & Red Bed	870	1018	
Anhydrite	1018	1042	
Red Bed	1042	1110	
Dakota Sand	1110	1327	
Red Bed & Shale	1327	1480	
Shale	1480	1639	
Anhydrite	1639	1855	
Shale & Lime	1855	4117	
Lime	4117	4445	
Cherty Lime	4445	4470	

Total Depth 4470'

Ran Electra log.

4 1/2" O. D. casing set and cemented at 4463' with 75 sacks of 50-50 pozmix, salt saturated. D. V. tool set at 1582' with 675 sacks of 50-50 pozmix with 6% gel.

STATE OF KANSAS)
) ss.
COUNTY OF BARTON)

I certify that this is a true and correct copy of the above log to the best of my knowledge.

STRATA DRILLING, INC.

Jim E. McWilliams, Secy-Treas.

Subscribed and sworn to before me this 3rd day of February, 1969.

Elaine H. Taylor, Notary Public

My Commission Expires:

December 14, 1969