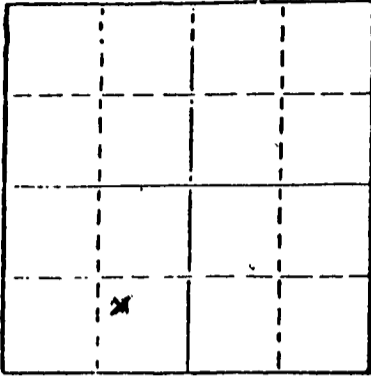


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Rooks County. Sec. 11 Twp. 10 Rge. 20 NW
Location as "NE/CNW/SW" or footage from lines NW-SE-SW
Lease Owner J. D. Miller, Inc.
Lease Name Croffoot Well No. 4
Office Address P.O. Box 124 Ellis, Kc 67637
Character of Well (Completed as Oil, Gas or Dry Hole) Oil



Locate well correctly on above
Section Plot

Date Well completed 2-16-51 19
Application for plugging filed 12-5-83 19
Application for plugging approved 19
Plugging commenced 12-14-83 19
Plugging completed 12-14-83 19
Reason for abandonment of well or producing formation DEPLETED

If a producing well is abandoned, date of last production 1969 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 DENNIS HAMEL
Producing formation Arbuckle Depth to top 3788 Bottom 3790 Total Depth of Well 3793
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
<u>Arbuckle</u>	<u>Oil/Water</u>	<u>3788</u>	<u>3790</u>	<u>8"</u>	<u>175</u>	<u>NONE</u>
				<u>5"</u>	<u>3785</u>	<u>"</u>

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.

Cement 50/50 gyp with 8% gel
5 1/2 casing - pumped in 25 gyp cement w/ bulls -
20 gyp gel - 125 gyp no shut in pressure
8 5/8 surface pipe - pumped 150 gyp w/ 3 bulls max
pressure 650 # P.S.I. - shut in 300 # P.S.I.

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

Name of Plugging Contractor Halliburton Services

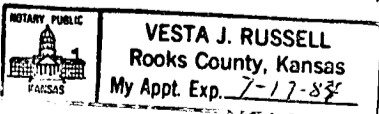
STATE OF Kansas COUNTY OF Rooks, ss.
Louis D. Bowman (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the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

(Signature) Louis D. Bowman
Box 37 Colwell, Ks 67630
(Address)

SUBSCRIBED AND SWORN TO before me this 22nd day of Dec., 1983

Vesta J. Russell
Notary Public.

My commission expires July 17, 1984



RECORDED
STATE CORPORATION COMMISSION
1-12-84
PAGE 12 1984
CONSERVATION DIVISION
Wichita, Kansas

K. G. S. LIBRARY

WELDING SOCIETY OF KANSAS
508 East Murdock,
Wichita, Kansas

COPY

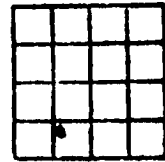
(5-163-02051-0000)

Company- C-G DRLG. CO.
Farm- Croffoot No. 4

SEC. 11 T. 10 R. 20W
NW SE SW

Total Depth. 3793
Comm. 2-7-51 Comp. 2-16-51
Shot or Treated.
Contractor.
Issued. 8-23-52

County Rooks KANSAS



Elevation. 2243

Production. Prd. 501 B0

CASING:

8 5/8" 225' com. w/145 sx
5 1/2" 3785' com. w/100 sx

Figures Indicate Bottom of Formations.

shale	460
shale, sand	745
sand	810
shale, sand	1060
shale	1160
sand	1370
shale, shells	1515
red rock	1692
anhydrite	1730
shale, shells	2150
lime, shale	3140
shale	3240
lime	3720
shale, lime	3793
Total Depth	

Scout Tops:

Heebner	3464
Toronto	3482
Lansing	3502
Base-Kansas City	3716
Conglomerate	3758
Simpson	3765
Arbuckle	3788

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STATE COOPERATION COMMISSION

JAN 12 1984

CONSERVATION DIVISION
Wichita, Kansas