

API NO. 15- (Drilling completed Sept., 1951)

County Graham East
SW NW NW Sec 11 Twp 10S Rge 21 X West
4290 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Miller Well # 4

Field Name Cooper

Name of New Formation "lower" Arbuckle

Elevation: Ground 2283' KB 2288'
Section Plat

RECEIVED

JUN 14 1969

CONSERVATION DIVISION
Wichita, Kansas

JUN 13 1989

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

K. C. Co. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached

C ☐ Wireline Log Received

C ☐ Drillers Timelog Received

Distribution

<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other

(Specify)

.....

.....

F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Drillers Timelog Received

Distribution

<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NCPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other

(Specify)

Distribution


<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
		(Specify)

.....

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the recompletion of any well. Rules 82-3-107 and 82-3-141 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of any additional wireline logs and driller's time logs (not previously submitted) shall be attached with this form. Submit ACO-4 prior to or with this form for approval of commingling or dual completions. Submit CP-4 with all plugged wells. Submit CP-111 with all temporarily abandoned wells. **NOTE:** Conversion of wells to either disposal or injection must receive approval before use; submit form U-1.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Subscribed and sworn to before me this 13th day of June 19 89

on Exp **NOTARY PUBLIC - State of Kansas**
 **MARGARET A. SCHULTE**
 My Appt. Exp. 1-27-93

WAS-0A-11

74591

SIDE TWO

Operator Name John O. Farmer, Inc. Lease Name Miller Well # 4Sec 11 Twp 10S Rge 21 X East
West County Graham

RECOMPLETED FORMATION DESCRIPTION:

 Log X Sample

Name	Top	Bottom
"lower" Arbuckle	3843'	3847'

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type & Percent Additives
	Top	Bottom			
<u> </u> Perforate					
<u> </u> Protect Casing					
<u> </u> Plug Back TD					
<u>X</u> Plug Off Zone	3823	3836'	Class A	175 sks.	0.6% Halad 322

Shots Per Foot	PERFORATION RECORD	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
	Specify Footage of Each Interval Perforated	
Open Hole	3843-47'	Natural

PBTD 3847' Plug Type

TUBING RECORD:

Size 2-3/8" Set At 3812' Packer At -- Was Liner Run? Y X NDate of Resumed Production, Disposal or Injection .Estimated Production Per 24 Hours 37 bbl/oil 274 bbl/water MCF gas gas-oil ratio

Note: This well was originally completed open hole in the Arbuckle with an Arbuckle penetration of only 6'. The upper Arbuckle was squeezed off, and the lower Arbuckle pay zone with a penetration of 26-29' was completed open hole.