

W.S.1-41-18

SIDE TWO

Operator Name John O. Farmer, Inc. Lease Name Smoky Hill River Unit Well # 18

Sec 31 Twp 14S Rge 12 East West County Russell

RECOMPLETED FORMATION DESCRIPTION:

Log Sample

Name	Open Hole	
	Top	Bottom
"lower" Arbuckle	3215'	3345'

Note: The "upper" 50' of Arbuckle was squeezed from 3165-3215'. We then drilled to a new T.D. of 3345' and began operations into the "lower" 130' of Arbuckle from 3215-3345'.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type & Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate	3165'	3215'	Common Cement	75 sks.	6/10% Halad 322
<input type="checkbox"/> Protect Casing					1% Calcium Chloride
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					
<input checked="" type="checkbox"/> Protect					

Upper Arbuckle

Open Hole

Shots Per Foot	PERFORATION RECORD		Acid, Fracture, Shof, Cement Squeeze Record (Amount and Kind of Material Used)
	Specify Footage of Each Interval Perforated		
NA	3215-3345'		2000 gals. 15% NE

PBTD 3345' Plug Type NA

TUBING RECORD:

Size 2-7/8" Set At 2851' Packer At 2851' Was Liner Run? Y N

Date of Resumed ~~Production~~, Disposal ~~of X-1000~~ June 28, 1988

Estimated ~~Production~~ Per 24 Hours 3000 bbl/oil 20" vacuum Injection MCF gas gas-oil ratio