

Operator Name: Petroleum Management, Inc. Lease Name: Krug B Well #: 3
 Sec. 28 Twp. 14 S. R. 14 East West County: Russell

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No	Anhydrite	776	+1023
Electric Log Run <i>(Submit Copy)</i>	Yes <input checked="" type="checkbox"/> No	Oread	2820	-1021
List All E. Logs Run:		Lansing	2962	-1163
No logs run for conversion to injection well.		Base KC	3204	-1405
		Arbuckle	3233	-1500

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	15"	10.75	32.75 & 40	529	60/40 Poz	450	2%gel, 3% CC
Production	9.5	7	20 & 23	3297	60/40 Poz	100	.75% FR 10# gills
						250	.75% FR 10% NA

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input checked="" type="checkbox"/> Plug Back TD	3240-3320	Sand	120 gallons	
<input type="checkbox"/> Plug Off Zone	3190-3240	Common	10	Common

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2850-56'; 2862-64'; 3000-04'; 3048-62'; 3108-12'	No acid during this workover	
2	3152-56'	No acid during this workover	
2	3281-98' Arbuckle perfs abandoned	Perfs and open hole plugged off	
Open hole	3297-3320' Arbuckle open hole abandoned	with sand from 3320' to 3240' and capped	
	Tight spot in casing @ 3108'	10 sx cmt to 3190.	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2.375 PVC lined	2810'	2810'	Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production; SWD or Enhr.		Producing Method			
		Flowing	Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION Production Interval **2850 - 3156**