

Operator Name: LARSON OPERATING COMPANY
A DIVISION OF LARSON ENGINEERING, INC. Lease Name: Bear Creek Ranch Well #: 1-21
 Sec. 21 Twp. 31 S. R. 15 East West County: Barber

ORIGINAL

INSTRUCTIONS: Show important tops and base of formation penetrated. Detail all cores. Report all final copes of drill stem tests giving interval tested, wire 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 geologist well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Sample Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <u>dual induction</u> <u>neutron density</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> <tr> <td>Heebner</td> <td>3880'</td> <td>-2033'</td> </tr> <tr> <td>Toronto</td> <td>3914'</td> <td>-2067'</td> </tr> <tr> <td>Douglas Sh</td> <td>3962'</td> <td>-2115'</td> </tr> <tr> <td>Brn Lm</td> <td>4067'</td> <td>-2220'</td> </tr> <tr> <td>Lansing</td> <td>4080'</td> <td>-2233'</td> </tr> <tr> <td>BKC</td> <td>4489'</td> <td>-2642'</td> </tr> <tr> <td>Marmaton</td> <td>4514'</td> <td>-2667'</td> </tr> <tr> <td>Cherokee Sh</td> <td>4590'</td> <td>-2743'</td> </tr> <tr> <td>Miss Lm</td> <td>4692'</td> <td>-2845'</td> </tr> <tr> <td>Kinderhook</td> <td>4722'</td> <td>-2875'</td> </tr> <tr> <td>Viola</td> <td>4752'</td> <td>-2905'</td> </tr> <tr> <td>TD</td> <td>4850'</td> <td></td> </tr> </table>	Name	Top	Datum	Heebner	3880'	-2033'	Toronto	3914'	-2067'	Douglas Sh	3962'	-2115'	Brn Lm	4067'	-2220'	Lansing	4080'	-2233'	BKC	4489'	-2642'	Marmaton	4514'	-2667'	Cherokee Sh	4590'	-2743'	Miss Lm	4692'	-2845'	Kinderhook	4722'	-2875'	Viola	4752'	-2905'	TD	4850'	
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RECEIVED
 JUN 21 2004
 KCC WICHITA

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12-1/4"	8-5/8"	28	301'	Class A	175	2% gel & 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top	Depth Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid. Fracture, Shot, Cement, Squeeze Record (Amount and Kind of Material Used)	Depth

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

Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>If vented, submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input checked="" type="checkbox"/> Other (Specify) <u>D&A</u>	Production Interval _____ _____
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