



**SIDE TWO**

Operator Name Hallwood Petroleum, Inc. Lease Name Balthazor Well # 9

Sec. 13 Twp. 9S Rge. 21  East  West  
 County Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)  List All E.Logs Run:	<input type="checkbox"/> Log <b>Formation (Top), Depth and Datums</b> <input type="checkbox"/> Sample  <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>Topeka</td> <td>3140'</td> <td>(-938)</td> </tr> <tr> <td>Heebner</td> <td>3400'</td> <td>(-1198)</td> </tr> <tr> <td>Toronto</td> <td>3421'</td> <td>(-1219)</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>3438'</td> <td>(-1236)</td> </tr> <tr> <td>Base L-KC</td> <td>3659'</td> <td>(-1457)</td> </tr> <tr> <td>Marmaton</td> <td>3683'</td> <td>(-1481)</td> </tr> <tr> <td>Arbuckle</td> <td>3746'</td> <td>(-1544)</td> </tr> </table>	Name	Top	Datum	Topeka	3140'	(-938)	Heebner	3400'	(-1198)	Toronto	3421'	(-1219)	Lansing-Kansas City	3438'	(-1236)	Base L-KC	3659'	(-1457)	Marmaton	3683'	(-1481)	Arbuckle	3746'	(-1544)
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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	12 1/4	8 5/8"	23#	328'	Sunset	250	
Production		5 1/2"	15 1/2#	3812'	50/50 Poz	175	2% gel, 10% salt
					EAZ	75	250 gal Flowcheck

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 type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
4 spf	L-KC "K"	3631-43'	3744'-3745' MARMATON	Treat L-KC "C", "F", "G", "H", "I",
4 spf	L-KC "J"	3607-15'	3700'-3707' MARMATON	"J", "K" & Marmaton w/4500 gal 15%
4 spf	L-KC "H"	3571-74'		DS Fe acid w/LoSurf
4 spf	L-KC "G"	3520-25'		
4 spf	L-KC "E"	3512-16'		
4 spf	L-KC "C"	3481-86'		

<b>TUBING RECORD</b>	Size <u>2 7/8"</u>	Set At <u>3701</u>	Packer At <u>----</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
<u>3/29/96</u>				
Estimated Production Per 24 Hours	Oil <u>2</u> Bbls.	Gas <u>-0-</u> Mcf	Water <u>85</u> Bbls.	Gas-Oil Ratio <u>N/A</u> Gravity <u>33</u>

Disposition of Gas: N/A      **METHOD OF COMPLETION**      Production Interval

Vented     Sold     Used on Lease     Open Hole     Perf.     Dually Comp.     Commingled    3481-3707  
 (If vented, submit ACO-18.)       Other (Specify) \_\_\_\_\_