

SIDE TWO

Operator Name HALLWOOD PETROLEUM, INC. Lease Name LETSCH Well # B 10

Sec. 4 Twp. 15 Rge. 13 East West
 County Russell

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	814'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Grand Haven	2371'	
List All E.Logs Run:		1st Tarkio	2385'	
Dual Guard		2nd Tarkio	24209'	
CDL/DSN		Tarkio Lime	2447'	
CAL		3rd Tarkio	2483'	
		Howard	2651'	
		Severy	2705'	
		Topeka	2723'	
		Heebner	2954'	
		Base Kansas City	3272'	

CASING RECORD New Used

Arbuckle 3312'

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#	818'	60/40poz	300 125	3%cc 2%gel 3%cc no gel
production	7-7/8"	5-1/2"	15.5#	3410'	Common	225	5% EA2, 10% sa .75% Halid 3 Flocelast 125 s

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 <input type="checkbox"/> Plug Off Zone	3300	common	1	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Rec (Amount and Kind of Material Used)	Depth
2	3324-28		
2	3342-46		
2	3218-24	2000 gals 15% NE acid	
2	2973-79	2500 gals 15% NE	
2	2903-07, 2892-96, 2881-86	2352 gals 15% NE	

TUBING RECORD Size 2 7/8 Set At 3284 Packer At N/A Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 5/5/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>15</u> Bbls.	Gas <u>0</u> Mcf	Water <u>22</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval