

Operator Name Mid Gulf, Inc. Lease Name Hawk Unit Well # 1Sec. 32 Twp. 5S Rge. 18 ☒ East ☐ West County Atchison

WELL LOG

- 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 ☐ Yes ☒ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Kansas City		1074
Cherokee	1296	
McLouth	1820	
Mississippian	1908	

CASING RECORD ☐ New ☐ 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	11"	7-5/8"		135			
Production	6-1/4"	4-1/2"		1922			

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth
5 SPF	1831-34	Squeeze w/3 sx cmt	
4 SPE	1823-27		

TUBING RECORD			
Size	Set At	Packer at	Liner Run ☐ Yes ☒ No
2-3/8"	1818		

Date of First Production	Producing Method
Shut-in	☐ Flowing ☐ Pumping ☐ Gas Lift ☒ Other (explain) Shut-in

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled