

Form ACO-1 (5-86)

Sec. 3. Twp. 10 Rge. 20E

Operator Name KLM Exploration Co., Inc. Lease Name Pennel Well # 6Sec. 3 Twp. 10 Rge. 20 ☒ East ☐ West County Leavenworth

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

McLouth 1438 - 1444

Mississippi 1485

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
Purpose	10 5/8	8 5/8	38	235		80	
Production	6 1/2	4 1/2	10-5	1499		160	

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	1440 - 1443	Shot	

TUBING RECORD	Size 2 3/8	Set At 1451	Packer at	Liner Run	☐ Yes ☒ No
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Date of First Production	Producing Method
5-26-88	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil 12 Bbls	Gas N/A MCF	Water NONE Bbls	Gas-Oil Ratio CFPB	Gravity 22
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METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation 1440
☐ Sold ☐ Other (Specify)
☒ Used on Lease 1443
☐ Dually Completed
☐ Commingled