

Operator Name **CALIBOGUE KANSAS CORPORATION** Lease Name **MCLEOD** Well # **19**

4-10-20E

Sec. **4** Twp. **10** Rge. **20** East West County **JEFFERSON**

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
MISSISSIPPI LIME	1574	1580
B K LIME	1672	1740

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	15 Bbls	10 MCF	90 Bbls	CFPB	24

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

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	12 1/2	8 5/8		279	PORTLAND	167	3% CAL
PRODUCTION	6 1/2	4 1/2	9.5	1738	CIRCULATED BY CONSOLIDATED		

PERFORATION RECORD **Acid, Fracture, Shot, Cement Squeeze Record**

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	1670 - 1674	250 GAL 15% HCL	1740

TUBING RECORD Size **2 7/8** Set At **1675** Packer at _____ Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (explain).....