

Operator Name VIRGIL L. WESLEY Lease Name JACK C. RYAN Well # M1-86Sec. 23 Twp. 8 Rge. 21 ☐ East ☐ WestCounty 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

Upper M. Louth 1384'
 Lower M. Louth 1410'

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
Production	8 7/8" 6 1/2"	7 7/8" 4 1/2"	9.5 lbs 9.5 lbs	70' 145'	Portland "	70 130	0 wt 87 wt 30 wt

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	1414' to 1420'	3.4 lbs. acid fractured with 150 lbs. oil	1414' to 1420'

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production	Producing Method
4-20-86	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
4 1/2 to 5 Bbls	TRACE	MCF	TRACE ONLY		22.6

METHOD OF COMPLETION

Production Interval

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

.....1414'
1420'