

Operator Name Ramco Drilling Services Lease Name Lawrence Jacobs Well #. 1

Sec. 32 Twp. 16 Rge. 12 ☐ East
☒ West County Barton

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

DST RESULTS

FORMATION TOPS

#1-Lansing "A", 3105'-3140', 30"-60"-30"-60"
IHP: 1592 FHP: 1552 BHT: 95°
IFP: 40-40 Very weak blow throughout (1/4" slowly decreased to 1/8")
FFP: 40-40 Very weak blow died
SIP's: 241-221
Recovery: 5' Drilling mud

Heebner	3011 (-1099)	3015
Brwn. Lime	3099 (-1187)	3106
Lansing/Kansas City	3117 (-1205)	3340
Arbuckle	3391 (-1479)	NDE

2-L/KC "B" - "G", 3134-3220, 30"-60"-60"-90"
IHP: 1612 FHP: 1552 BHT: 100°
IFP: 80-100 Very weak blow (1/4") slowly increased to 3"
FFP: 120-180 Very weak blow (1/4") slowly increased to 3"
SIP's: 799-799
Recovery: 250' watery mud (67-1/2% mud, 32-1/2% water with 38,000 chlorides)

3-L/KC "H" - "J", 3255'-3300', 30"-60"-30"-60"
IHP: 1690 FHP: 1612 BHT: 95°
IFP: 60-60 Very weak blow (1/4") throughout
FFP: 60-60 Very weak blow died
SIP's: 898-600
Recovery: 5' Drilling mud

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 Casing	12 1/2"	8-5/8"	20	344'	60/40 pozz.	180	2% gel, 3% C.C.
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PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
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TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production	Producing Method
.....	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

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

Production Interval

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

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Completed

State of Kansas
Department of Geology
Oil and Gas Division
Well Log Book