

DESCRIPTION OF WELL AND LEASE

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

20-8-21E

Operator Name ... Edmiston Oil Company, Inc. ... Lease Name ... HOGE ... Well # ... 3

 Sec. ... 20 ... Twp. ... 8S ... Rge. ... 21 ... ☒ 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
 Coras Taken ☐ Yes ☒ No

Formation Description

☐ Log ☒ Sample

Name	Top	Bottom
Base Kansas City	701 (+366)	
Cherokee Shale	937 (-315)	
"X" Marker	1381 (-345)	
McLouth Sand	1412 (-345)	
Mississippi	1464 (-397)	
T.D.	1467 (-400)	

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	35		7		24°
	Bbls	MCF	Bbls	CFPB	

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		8-5/8"		30'		20	
Production		4 1/2"		1466'		165	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
1412-1424	4 spt.	4,000 # 10/20, 2000 # 8/12 frac sand	1412-24

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
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 Date of First Production 9/25/89 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....