

Operator Name Falcon Exploration Inc. Lease Name.....Nichols.....Well #.....

Sec...3..... Twp...28..... Rge...30..... ☐ East
☒ West County.....Gray.....

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

DST #1 5222-5251 30-45-30-60
Rec. 180' MGO, 470' Cln gsy oil, GV 28.
IHP 2556, IFP 62-135, ISIP 1443, FFP 156-166,
FSIP 1443, FHP 2525.
DST #2 5251-5262 20-30-10-10
Rec. 5' VHOCM. Free oil on top of tool
IHP 2578, IFP 20-20, ISIP 20, FFP 20-20,
FSIP 20, FHP 2556, BHT 118°.
DST #3 5264-5280 45-60-45-60
Rec. 100' GIP, 20' O&GCM. IHP 2558, IFP 20-31,
ISIP 1080, FFP 41-41, FSIP 904, FHP 2514,
BHT 120°.

Name	Top	Bottom
Topeka	3513	(- 701)
Hb.	4128	(-1316)
Lans.	4226	(-1414)
BKC	4631	(-1819)
Marm	4651	(-1840)
Ft. Scott	4841	(-2029)
Cherokee	4855	(-2043)
Miss. St. Gen	5141	(-2329)
Miss. St. L.	5158	(-2346)
LTD	5418	(-2606)

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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"	8 5/8"	24#	525	Lite	135	3% gal.
production		5 1/2"	14#	541	Class H	100	2% CC
				Superflush "K" Spacer - 250 gal. see page 2 for cementing -			
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	5242-5246			250 gals. 15% HCL acid			
				6000 gals. 15% Mod-202			
TUBING RECORD				Liner Run ☐ Yes ☒ No			
Size 2 3/8"		Set At 5138		Packer at			
Date of First Production		Producing Method					
1-22-87		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
65 Bbls		NA	MCF	0 Bbls	NA	CFPB 30	

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Conminged

5242-5246
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API No. 15-069-20,199

Gray County, Kansas

Nichols #1 Sec. 3-28S-30W

Prod. csg. cemented:

1st stage - 150 sx. 60-40 poz, 2% gel, 10% salt, 3/4% Halad 322

2nd stage - 275 sx. "CHLC" _ 50 sx. "C"

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