

Operator Name Brandt Production Company, Inc. Lease Name Wagoner Well # 3Sec. 18 Twp. 31S Rge. 1 ☐ East ☒ West County Sumner Kansas

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
Heebner	2465	(-1174)
Iatan	2780	(-1489)
Stalnaker Sand	2799	(-1508)
Kansas City	3090	(-1799)
B. Kansas City	3331	(-2040)
Cherokee	3599	(-2308)
Miss. Chert	3745	(-2454)
*Miss. Dolo.	3749	(-2458)
R T D	3752	(-2461)
L T D	3748	(-2457)
D D	3762	(-2471)

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	24#	440	Poz. & Common	300	3% Ca. Cly.
Prod.	5.7/8	5 1/2	14#	3746	Common	80	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
		Treat OH interval with 1000	
		gallons 12 1/2 AZ & 175000	
		cu. ft. Nitrogen Re. AZ. 750	
		gallons 15% Retarded	

TUBING RECORD				Liner Run ☐ Yes ☒ No	
Size	Set At	Packer at			
2 3/8	3750	None			

Date of First Production	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....				
11-25-88					

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
15			Trace		42
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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

3746-3762 Open Hole

☐ Dually Completed
☐ Commingled