

SIDE TWO

Operator Name Griggs Oil, Inc. Lease Name Cooley Well # 5Sec. 17 Twp. 9 Rge. 21 ☐ East ☒ West County Graham

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

0' - 253' Sand & Shale
 253' - 275' Shale
 275' - 1660' Sand & Shale
 1660' - 1754' Shale
 1754' - 1789' Anhydrite
 1789' - 2310' Shale & Sand
 2310' - 2851' Shale & Lime
 2851' - 3076' Shale
 3076' - 3525' Shale & Lime
 3525' - 3560' Lime
 3560' - 3672' Lime & Shale
 3672' - 3776' Lime R.T.D.

Name	Top	Bottom
Anhydrite	1754	
Topeka	3173	
Heebner	3422	
Towanda	3446	
Lansing	3461	
Base/Kansas City	3676	
Marmaton	3708	
Arbuckle	3768	

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 1/4	8 5/8	24 lb	253'	60/40	150	2%CC, 2%Gel
Production	7 7/8	5 1/2	14 lb	3771 1/2'	60/40	100	2%Gel

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
		500 gal. lgs. - 15%	

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
	2-7/8	3742'			

Date of First Production	Producing Method
3-23-85	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	108 Bbls	-0- MCF	-0- Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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

☐ Dually Completed
☐ Conmingled

71.5-76 Sand
 3771.5-3776
 3771.5-3776
 15-1-5410