

Operator Name Gruss Petroleum Management, Inc. Lease Name Wenzel Well # 1

Sec. 2 Twp. 32 Rge. 10 East West County Barber

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 #1 - 1754' -1790'. (Towanda) Recovered 220' muddy SW. 15-30-20-30. IHP 908 psi, IFP 59-88 psi, ISIP 606 psi, FFP 88-118 psi, FSIP 684 psi, FHP 899 psi, BHT 78°F.	Herington	1647'	
	Winfield	1706'	
	Towanda	1775'	
	Blue Springs	1922'	
	Cottonwood	2191'	
DST #2 - 3541'-3566'. (Amazonia Lm - Douglas Sh) Recovered 20' mud. 30-60-30-60. IHP 1735 psi, IFP 20-29 psi, ISIP 215 psi, FFP 29-39 psi, FSIP 88 psi, FHP 1750 psi, BHT 105°F.	Red Eagle	2327'	
	Onaga	2462'	
	Indian Cave	2468'	
	Wabaunsee	2516'	
	Stotler	2654'	
	Tarkio	2712'	
	Howard	2909'	
	Lecompton	3164'	
	Oread	3426'	
	Heebner	3498'	
Amazonia Lm.	3527'		
Amazonia Ø	3549'		
Douglas Sh	3556'		

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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	12-1/4"	8-5/8"	24#	371'	60/40 Pozmix	285	1/4# flo. 2% gel, 3% cc.

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	N/A		N/A

TUBING RECORD Size N/A Set At N/A Packer at N/A Liner Run Yes No

Date of First Production D. & A Producing Method N/A Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
N/A					

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)

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15-007-21979-00-00

Gruss Petroleum Management, Inc.
Wenzel #1
Barber County, Kansas

Formations, cont'd

	<u>TOP</u>
Douglas Sd	3620'
Brown Lm	3680'
Lansing	3686'
Stark	4103'
Hush	4130'
Marmatron	4203'
Altmont	4240'
Pawnee	4284'
Ft. Scott	4312'
Cherokee Sh	4328'

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KANSAS

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MAY 29 1986

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