

Operator Name *Windgate Oil Co.* Lease Name *Clarkson Sp.* Well# *4* SEC *2* TWP *33* RGE *15* East West

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
<i>Altamont Lime</i>	<i>428</i>	<i>435</i>
<i>Pawnee Lime</i>	<i>574</i>	<i>595</i>
<i>Oswego Lime</i>	<i>668</i>	<i>746</i>
<i>Upper Bartlesville Sand</i>	<i>962</i>	<i>973</i>
<i>Lower Bartlesville Sand</i>	<i>1002</i>	<i>1022</i>

CASING RECORD <input type="checkbox"/> new <input type="checkbox"/> 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
<i>Sur. Face</i>	<i>9 3/4"</i>	<i>7"</i>		<i>20 ft.</i>	<i>Portland</i>	<i>6</i>	
<i>Production</i>	<i>5 1/8"</i>	<i>2 1/8"</i>		<i>1075</i>	<i>Portland</i>	<i>128</i>	<i>F.l.a. Seal. 1%</i>
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
<i>1.5</i>	<i>1006 - 1016</i>			<i>50 sack Sand Fract.</i>			<i>1006-1016</i>
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
<i>4-21-83</i>							
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		
		<i>75</i>	<i>40</i>				

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify) _____

PRODUCTION INTERVAL *1006* - *1016*

Dually Completed. Commingled