

321-51-88

SIDE TWO

528406

Operator Name CATH Industries Inc Lease Name MILLER Well # 1

Sec. 33 Twp. 12 Rge. 15 East West County SHAWNEE

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
NA
ALL LOGS ATTACHED

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
<u>NONE</u>	<u>NONE</u>				
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation

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
<u>40' SURFACE PRODUCTION</u>	<u>9 7/8</u>	<u>7 1/2</u>	<u>15.5</u>	<u>40</u>	<u>TYPE A</u>	<u>15</u>	<u>NONE</u>
	<u>6 1/2</u>	<u>4 1/2</u>	<u>10.5</u>	<u>2550</u>	<u>"</u>	<u>320</u>	<u>3% CALCIUM</u>

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
<u>NONE</u>		<u>NONE</u>	
<u>9</u>	<u>2400 - 2602</u>	<u>NONE</u>	
<u>9</u>	<u>2383 - 2385</u>	<u>"</u>	
<u>13</u>	<u>2235 - 2241</u>	<u>"</u>	

TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (explain).....