

SIDE TWO

Operator Name QUINTANA PETROLEUM CORPORATION Lease Name..... McLaughlin Well #..... #1-22

Sec..... 22 Twp..... 31S Rge..... 20 East West County..... Comanche

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

DST #1: 4951'-5050' (Mississippian fm.)
 Times: 30/60/15/30
 IHP 2556
 IFP 81-91 - Initial Flow: 1" blow
 ISIP 132 Final Flow: weak, died in
 FFP 111-111 10 minutes.
 FSIP 121
 FHP 2476
 BHT 125°F
 Recovery: 60' mud - no gas, no oil.

Name	Top	Bottom
Heebner Shale	4140'	
Toronto	4153'	
Douglas Group	4172'	
Brown Lime	4323'	
Stark Shale	4669'	
Swope	4683'	
Base/KC	4794'	
Marmaton	4814'	
Cherokee Shale	4942'	
Reworked Miss.	5027'	
Mississippi	5044'	
Total Depth	5175'	

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	24#	1012.74'	Lite & "A"	150/100	3% CaCl ₂ & 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	
	N/A			N/A			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
None							
Date of First Production		Producing Method					
P & A		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					