

Operator Name Pioneer Natural Resources

Lease Name Neufeld

Well # 2-18R

Sec. 18 Twp. 29S S.R. 37 East West

County Grant

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 all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets.) Yes No

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List All E.Logs Run:

Compact Photo Compensated Neutron
Array Induction Shallow Focused Electric
Sonic Cement Bond

Name	Formation (Top), Depth and Datums		<input type="checkbox"/> Sample
	Top	Datum	
Chase	2386	MD	
Council Grove	2697	MD	
Bader	2841	MD	
Beattie	2885	MD	

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#	637'	Lt Prem +	350	2% CaCl2
Production	7 7/8"	5 1/2"	15.5#	3048'	15/85 Pozmx	560	2% CaCl2

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2719' - 2836' (63' W/126 holes)	Acidz & Frac w/3725 G 15% HCL. F1sh	
		w/3040 G 20# Wtr Frc. Frc w/10,000	
		G 20# Wtr frc + 15,000# 100 Msh	
		47000 G Wtr frc + 103000# 16/30 Ot tawa	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	2902'	n/a		
Date of First Resumed Production, SWD or Enhr.			Producing Method			
8/14/03			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
85	0	X	0	0	0	

Disposition of Gas: Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled 2719' - 2836'
(If vented, submit ACO-18.) Other (Specify) _____