

JARREL SERVICES, INC.  
 Box 1230  
 Hobbs, New Mexico 88240

ATTACHMENT C

*Brian*

<<Static Gradient Survey>>

COMPANY: Yates Petroleum Corporation  
 LEASE: North Millman Unit  
 FIELD:  
 COUNTY: Eddy  
 STATUS: Shut in  
 PERFORATIONS FROM: 10711 ft  
 DEPTH: 10500 ft

Date: 09/18/93 @ 2:00 pm  
 CONTACT: Ed Perry  
 WELL: #4  
 ZONE:  
 STATE: New Mexico  
 OPERATOR: Standefer  
 TD: 10714 ft  
 TEMPERATURE: 164°F

MORROW

TABULAR DATA

DEPTH (ft)	PRESSURE (psi)	GRADIENT (psi/ft)	EXPLANATIONS
0	1802		
1500	1887	0.057	
3000	1972	0.057	
4500	2057	0.057	
6000	2142	0.057	
7500	2226	0.056	
9000	2306	0.053	
9030	2308	0.053	<=Phase separation
10500	2920	0.417	
10712	3008	0.417	<=Extrapolated BHP

NOTE: Explanations are included to clarify calculated data points.

