

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

<<Static Gradient Survey>>

COMPANY: Santa Fe Energy Resources Inc.
 LEASE: Bilbrey 28 A Federal
 FIELD: Bilbrey
 COUNTY: Eddy
 STATUS: Shut in 144 hours
 PERFORATIONS FROM: 13902 ft
 DEPTH: 13644 ft

Date: 05/08/90 @ 12:15 pm
 CONTACT: Tommy Folsom
 WELL: #1
 ZONE: Morrow
 STATE: New Mexico
 OPERATOR: Standefer
 TO: 13912 ft
 TEMPERATURE: 190°F

TABULAR DATA

DEPTH (ft)	PRESSURE (psi)	GRADIENT (psi/ft)	EXPLANATIONS
0	6511		
3000	6980	0.156	
6000	7420	0.147	
9000	7815	0.132	
12000	8202	0.129	
12500	8276	0.148	
13000	8341	0.130	
13250	8372	0.124	
13644	8424	0.132	
13907	8459	0.132	<=Extrapolated BHP

NOTE: Explanations are included to clarify calculated data points.

