

RECEIVED

FEB 25 1993

MIDLAND,

WELL Federal 29 #4
LOCATION Sec. 29-23S-31E, Eddy County, NM
OPERATOR Pogo Producing Company, 500 W. Illinois, Suite 600, Midland, TX 79701
DRILLING CONTRACTOR Exeter Drilling Company

CONFIDENTIAL

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/4 279	1 5,453	
3/4 552	1 5,950	
1/2 1,040	1 6,446	
1/2 1,537	1 6,975	
3/4 2,038	1 7,534	
3/4 2,537		
3/4 3,035		
1 3,285		
1 3,411		
1 1/2 3,566		
1/2 3,630		
1 3/4 3,816		
2 3,940		
1 3/4 4,432		
1 4,927		

Drilling Contractor: EXETER DRILLING CO.

By: Bob Lange
Bob Lange, Drilling Manager Southern Div.

Subscribed and sworn to before me this 23rd day of February, 1993.

Notary Public Lisa J. Lange
Lisa J. Lange

Commission Expires: February 4, 1996

