

CONFIDENTIAL

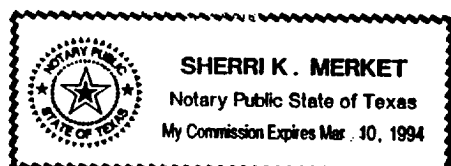
WELL Federal 27 #1LOCATION Sec. 27, T-22-S, R-32-E Lea County, New Mexico332/4 & 2310/W.

(Give Unit, Section, Township, and Range)

OPERATOR Pogo Producing 500 W. Illinois, Ste. 600 Midland, Texas 79701DRILLING CONTRATOR Exeter Drilling Company

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 @ Depth3/4 223'3/4 584'1/2 850'1 1,109'3/4 1,340'3/4 1,611'3/4 1,857'3/4 2,108'1 2,385'1 2,636'1 2,884'1 3,135'1 3,390'3/4 3,639'1 3/4 3,888'Degrees @ Depth2 4,072'3 1/2 4,323'3 1/2 4,447'2 1/4 4,600'1 1/4 5,081'1 5,580'1 3/4 6,078'1/2 6,575'1/2 6,606'3/4 7,014'1 7,535'1 1/4 7,999'3/4 8,494'3 8,850'Degrees @ Depth

Drilling Contractor EXETER DRILLING CO.By R. W. Sittion
R. W. Sittion - President-Southern Div.Subscribed and sworn to before me this 13th day of July, 1992.Notary Public Sherri K. Merket
Sherri K. MerketCommission Expires: March 10, 1994