

Patterson Drilling Company

410 N. Loraine Street — (915) 682-9401
Midland, Texas 79701

September 16, 1999

Kerr-McGee Corporation
Drilling Department
P O Box 2880
Dallas, TX 75221-2880

RE: Inclination Report
Bunnel Federal #3
Sec 18; T-21-S; R-23-E

Gentlemen:

The following is an inclination survey on the above referenced well located in Eddy County, New Mexico:

134' - 1.00	3814' - 2.00	5425' - 3.00
339' - 1.75	3908' - 1.75	5550' - 3.75
575' - 1.75	4031' - 2.00	5644' - 3.25
822' - 2.75	4156' - 3.00	5767' - 3.00
974' - 2.00	4249' - 2.75	5891' - 3.25
1245' - 1.50	4372' - 3.00	6015' - 2.75
1596' - 1.50	4497' - 3.25	6140' - 2.50
2093' - 1.25	4590' - 3.25	6267' - 2.50
2591' - 1.50	4711' - 3.50	6390' - 1.75
3063' - 1.75	4805' - 3.25	6641' - 1.75
3502' - 1.75	4928' - 3.25	6894' - 0.75
3533' - 3.00	5051' - 3.50	7146' - 0.75
3627' - 3.00	5175' - 3.25	7400' - 0.75
3721' - 1.25	5302' - 3.00	

Sincerely,

Rebecca Edwards

Rebecca A. Edwards
Administrative Assistant

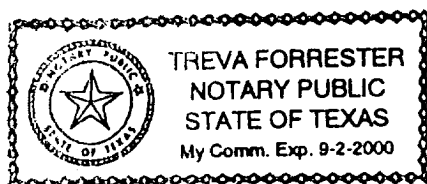
STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 16th day of September, 1999 by Rebecca A. Edwards.

MY COMMISSION EXPIRES:

Treva Forrester

NOTARY PUBLIC



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