



Patterson Drilling Company

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

May 20, 1999



Kerr-McGee Corporation
Mr. Steve Limke
P O Box 2880
Dallas, TX 75221-2880

RE: Inclination Report
Bogle Flats Unit #20
Sec 5; T-22-S; R-23-E

Gentlemen:

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

169' - 0.50	2127' - 1.25	5928' - 1.50
405' - 1.50	2627' - 0.75	6055' - 1.50
500' - 1.25	3125' - 0.75	6242' - 1.25
645' - 1.25	3623' - 1.25	6523' - 3.00
769' - 0.50	4122' - 1.25	6617' - 3.00
893' - 1.25	4506' - 0.75	6709' - 3.00
1015' - 0.75	4992' - 1.00	6801' - 2.75
1305' - 1.00	5426' - 0.50	6895' - 2.75
1627' - 0.75	5677' - 0.50	7011' - 2.25

Sincerely,

Rebecca Edwards

Rebecca A. Edwards
Administrative Assistant

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 20th day of May, 1999 by Rebecca A. Edwards.

MY COMMISSION EXPIRES:

Treva Forrester

NOTARY PUBLIC

