BEARCAT DRILLING
P. O. Box 717
Farmington, New Mexico 87499
Office: (505) 327-5218 ▪ FAX: (505) 564-9185

~~CONFIDENTIAL~~

November 5, 1999

APR 2000

Mallon Oil Company
Attn: Gay Davis
P.O. Box 2797
Durango, CO 81301

Re: Deviation Survey Record
Jicarilla 464 SJ #3
Section 30-T30N-R3W
Rio Arriba County, NM

H

Dear Ms. Davis:

The following are the deviation surveys conducted by our Rig #1 crews on the above referenced well.

Depth	Deviation Degrees	Depth	Deviation Degrees	Depth	Deviation Degrees
93'	1/4	243'	1/4	493'	1
741'	¾	1121'	3/4	1302'	2
1621'	2-1/2	1766'	3	1829'	3
2078'	3-1/4				

Bearcat Drilling Company

Bowen Vallejos

Bowen Vallejos
Drilling Superintendent

Subscribed and sworn before me on November 5, 1999.

G. R. Mahan

G. R. Mahan My Commission Expires October 20, 2003

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