



BEARCAT DRILLING

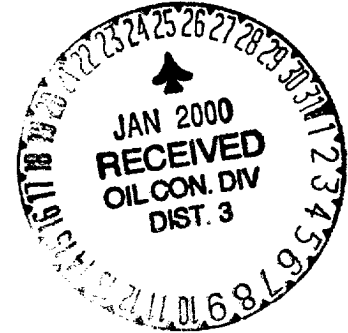
P. O. Box 717

Farmington, New Mexico 87499

Office: (505) 327-5218 ■ FAX: (505) 564-9185

November 22, 1999

Mallon Oil Company
Attn: Christy Serrano
P.O. Box 2797
Durango, CO 81302



Re: Deviation Survey Record
Jicarilla 458 SJ #2
Section 7-T30N-R3W
Rio Arriba County, NM

Dear Ms. Serrano:

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
89'	3/4	208'	1/4	740'	1
1240'	3/4	1732'	2	2082'	1

Bearcat Drilling Company

Larry Martinez

Asst. Superintendent

Subscribed and sworn before me on this the 22nd day of November, 1999

G. R. Mahan

San Juan County, NM