



BEARCAT DRILLING

P. O. Box 717

Farmington, New Mexico 87499

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

October 25, 1999

Mallon Oil Company
Attn: Christy Serrano
P.O. Box 2797
Durango, CO 81301

RECEIVED
NOV 16 1999
THE CON. DIV.

Re: Deviation Survey Record
Jicarilla 460-16 #4 SJ
Section 16-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
95'	$\frac{3}{4}$	212'	1	490'	$\frac{1}{4}$
840'	1	1145'	$\frac{3}{4}$	1518'	$\frac{3}{4}$
2078'	$\frac{3}{4}$				

Bearcat Drilling Company

Larry Martinez

Larry Martinez
Asst. Superintendent

Subscribed and sworn before me on this the 25th day of October, 1999

G. R. Mahan

G. R. Mahan
San Juan County, NM