



# BEARCAT DRILLING

P. O. Box 717

Farmington, New Mexico 87499

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

November 29, 1999

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

Re: Deviation Survey Record  
Jicarilla 464 SJ #7  
Section 29-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'	1/2	216'	1/2	711'	1
1209'	1-1/4	1707'	1-1/4		

Bearcat Drilling Company

*Larry Martinez*

Larry Martinez  
Assn't Drilling Superintendent



Subscribed and sworn before me on this the 29th day of November, 1999

*G. R. Mahan*

G. R. Mahan  
San Juan County, NM