

# BEARCAT DRILLING

P. O. Box 717

Farmington, New Mexico 87499

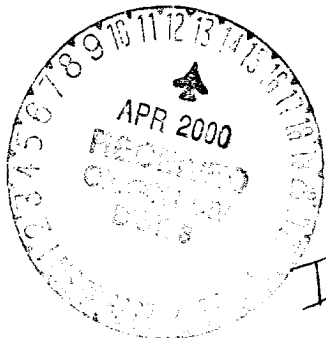
Office: (505) 327-5218 • FAX: (505) 564-9185

December 7, 1999

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

I-18-30N-30W  
30-039-26241



Re: Deviation Survey Record  
Jicarilla 459 SJ#1  
Section 17-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
94'	1	214'	1-1/2	717'	1-1/4
1214'	3/4	1712'	3/4		

Bearcat Drilling Company

*Larry Martinez*

Larry Martinez  
Assn't Drilling Superintendent

Subscribed and sworn before me on this the 7<sup>th</sup> day of December, 1999.

*G. R. Mahan*

G. R. Mahan  
San Juan County, NM

~~CONFIDENTIAL~~