



# BEARCAT DRILLING

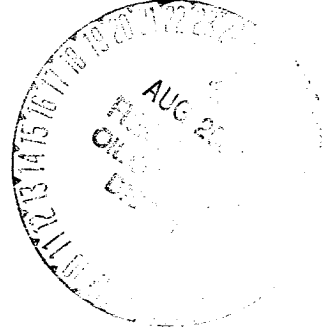
P. O. Box 717

Farmington, New Mexico 87499

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

January 27, 2000

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



Re: Deviation Survey Record  
Jicarilla 29-3-2 #1  
Section 2-T29N-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
91'	1/2	246'	3/4	734'	1
1172'	1	1673'	1/4	2166'	1
2664'	1	3163'	1	3694'	3/4
3975'	1				

Bearcat Drilling Company

*Bowen Vallejos*  
Bowen Vallejos  
Drilling Superintendent

Subscribed and sworn before me on this the 27<sup>th</sup> day of January, 2000.

*G. R. Mahan*

G. R. Mahan  
San Juan County, NM