



BEARCAT DRILLING

~~CONFIDENTIAL~~

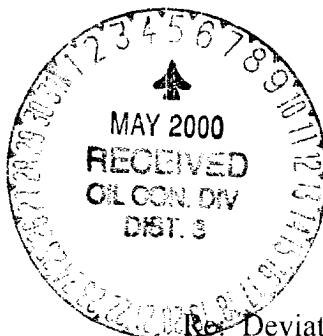
P. O. Box 717

Farmington, New Mexico 87499

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

December 21, 1999

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



Re: Deviation Survey Record
Jicarilla 30-3-34 #2
A - Section 34-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
90'	3/4	210'	1	732'	3/4
1233'	3/4	1727'	1-1/4	2225'	1
2726'	1	3226'	1-1/4	3717'	1-1/2

Bearcat Drilling Company

Bowen Vallejos
Drilling Superintendent

Subscribed and sworn before me on this the 21st day of December, 1999

G. R. Mahan
San Juan County, NM