



BEARCAT DRILLING

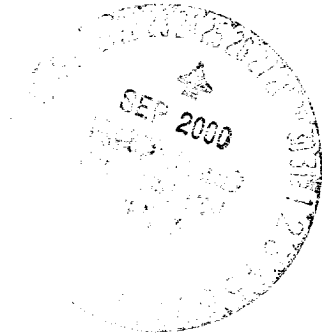
P. O. Box 717

Farmington, New Mexico 87499

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

February 22, 2000

Mallon Oil Company
Attn: Gay Davis
P.O. Box 2797
Durango, CO 81301



Re: Deviation Survey Record
Jicarilla 29-3-11 #1
Section 11-T29N-R3W
Rio Arriba County, NM

Dear Ms. Davis:

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'	1/2	212'	1/4	700'	1
1167'	1	1635'	3/4	2165'	1
2664'	1-1/4	3142'	1-1/4	3654'	1-1/2
3900'	1				

Bearcat Drilling Company

Bonifacio Vallejos

Bowen Vallejos
Drilling Superintendent

Subscribed and sworn before me on February 22, 2000.

G. R. Mahan

G. R. Mahan

My Commission Expires October 20, 2003