



W. B. MARTIN & ASSOCIATES, INC.

2110 N. Sullivan, Farmington, New Mexico 87401

Phone: (505) 326-1631, 326-1731

HOLE DEVIATION SURVEY

Operator: W.B. Martin & Associates, Inc.

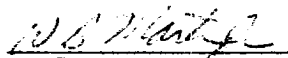
Well Name: #23 Martin-Whittaker

Well Location: 1745' FNL and 1190' FWL
Unit F Section 7 T23N R4W
Rio Arriba County, New Mexico

Gentlemen:

Four Corners Drilling Company ran the following deviation surveys during the drilling of the subject well and obtained the following results:

<u>FROM</u>	<u>TO</u>	<u>DEVIATION</u>
120'	120'	$\frac{1}{2}^{\circ}$
120'	592'	$3\frac{3}{4}^{\circ}$
592'	1097'	$\frac{1}{4}^{\circ}$
1097'	1588'	$3\frac{3}{4}^{\circ}$
1588'	2708'	$1\frac{1}{4}^{\circ}$
2708'	2396'	$\frac{1}{4}^{\circ}$
2396'	2865'	$\frac{1}{2}^{\circ}$
2865'	3301'	$3\frac{3}{4}^{\circ}$
3301'	3800'	$1\frac{1}{2}^{\circ}$
3800'	4430'	1°
4430'	4975'	$1\frac{1}{4}^{\circ}$
4975'	5410'	$1\frac{1}{2}^{\circ}$
5410'	6038'	$1\frac{1}{2}^{\circ}$
6038'	6537'	$1\frac{1}{4}^{\circ}$


W.B. Martin, Jr.
Operator

Subscribed and Sworn to me this 13th Day of March, 1984.

7-10-84
My Commission Expires


Notary Public

