

DJ SIMMONS, INC.

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Date: 8/6/2003

Byrne Federal 24-1
1909' FNL x 594' FWL
Section 24, T25N, R3W
Rio Arriba County, NM

30-039-27262

Deviation Survey Report

The following surveys were taken with a Totco Instrument while drilling the above referenced well.

Depth Feet	Deviation Degrees
282	$\frac{3}{4}$
292	$\frac{3}{4}$
780	$\frac{3}{4}$
1303	$\frac{3}{4}$
1801	$\frac{1}{2}$
2298	$\frac{3}{4}$
2799	$\frac{1}{2}$
3300	$\frac{1}{2}$



Observed and Witnessed by,

Robert R. Griffie

816103

Robert R. Griffie
Operations Manager

STATE OF NEW MEXICO
COUNTY OF SAN JUAN

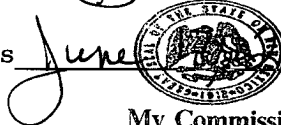
ON THIS 6 DAY OF AUGUST, 2003, BEFORE ME PERSONALLY APPEARED ROBERT R. GRIFFIE, WHOSE IDENTITY WAS PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THIS INSTRUMENT AND ACKNOWLEDGED THAT HE EXECUTED THE SAME.

Mary A. Tsosie

Notary Public

OFFICIAL SEAL

My commission expires



Mary A. Tsosie

State of New Mexico

My Commission Expires 6/17/2007