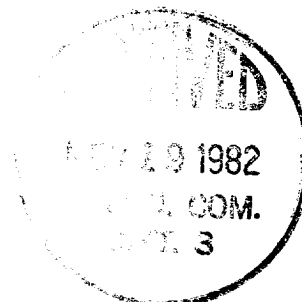


Well Name: Butte #1-E

Location: SW/SW Sec. 18-T30N-R13W
San Juan County, New Mexico

<u>Depth</u>	<u>Deviation</u>
265'	1/4°
782'	1/2°
1212'	3/4°
1735'	3/4°
2530'	1/2°
3050'	1°
3364'	3/4°
3884'	1°
4374'	1°
4865'	1-1/4°
5331'	1°
5882'	1-1/4°
6267'	1-3/4°
6434' (TD)	1-3/4°



All of the above deviation surveys are true and correct.

Name JAMES E. MYERS Title DRILLING ENGINEER

Subscribed and Sworn To Before Me This 17 Day Of November 19 82.

Notary J. Walker
Notary Public, County Of New Mexico
State of Cal.

My Commission Expires Aug. 15, 1986

830 Denver Club

J. E. Myers
James E. Myers
Drilling Engineer

Ladd Petroleum Corporation