



KEN REYNOLDS-PRESIDENT
GARY W. CHAPPELL-VICE PRESIDENT

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

November 18, 1997

Yates Petroleum Company
105 S. 4th Street
Artesia, NM 88210

RE: Lazarus "ARV" #1

Unit H 30-165-38e 2100/N & 990/E
30-025-34159

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Lea County, New Mexico.

480' - 1°	2,598' - 3/4°	4,968' - 1 1/4°	7,382' - 2°
967' - 1/2°	3,121' - 3/4°	5,441' - 3/4°	7,857' - 1 1/2°
1,467' - 1/4°	3,613' - 1/2°	5,947' - 1 3/4°	8,216' - 1°
1,936' - 3/4°	4,082' - 3/4°	6,418' - 2°	8,610' - 1 1/2°
2,126' - 1/2°	4,500' - 1 1/2°	6,918' - 1 3/4°	8,800' - 1 3/4°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 18th day of November 1997 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000

NOTARY PUBLIC