



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

June 11, 1999

Bass Enterprises Production Co.
P.O. Box 2760
Midland, Texas 79702

RE: Hat Mesa 31 State #2
Sec. 31, T-20-S, R-30-E 33
Lea County, New Mexico

Unit A 660/N9660/E
30-025-34594

Gentlemen:

The following is a Deviation Survey on the referenced well:

377' - 1/4°	1,864' - 3°	3,613' - 1°	5,797' - 1 1/4°	8,084' - 1 3/4°
773' - 1/2°	2,276' - 1 3/4°	4,054' - 1 1/2°	6,239' - 1°	8,300' - 1 1/2°
1,174' - 1 3/4°	2,615' - 2°	4,497' - 2 1/4°	6,711' - 1°	
1,325' - 2°	2,813' - 1 3/4°	4,945' - 1/4°	7,206' - 1 1/2°	
1,533' - 3°	3,194' - 1°	5,356' - 1°	7,656' - 2°	

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 14th day of June 1999 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 19, 1999

NOTARY PUBLIC