



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

May 15, 1997

RECEIVED

Penwell Energy, Inc.
600 N. Marienfeld, Suite 1100
Midland, Texas 79701

JP 25 97

RLM
ROSWELL, NM

RE: Angell "6" Federal #1

Gentlemen:

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

450' - 3/4°	1871' - 1 1/4°	4504' - 1°	6834' - 2°	8675' - 1 1/2°
857' - 1 1/2°	2165' - 1 1/4°	4985' - 1 1/2°	6971' - 2 1/2°	9176' - 1 1/4°
1045' - 2°	2659' - 1°	5466' - 2°	7119' - 3°	9673' - 1 1/4°
1167' - 2°	2875' - 1°	5714' - 2 1/4°	7339' - 3°	9745' - 2°
1292' - 2°	3232' - 1°	5839' - 2 1/2°	7465' - 2°	10234' - 1 1/2°
1540' - 2°	3732' - 1 1/2°	6023' - 1°	7713' - 2°	10728' - 1 1/2°
1697' - 2°	4005' - 1/2°	6397' - 1°	8179' - 1 1/2°	10844' - 1°
				11207' - 1°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 15th day of May 1997 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000

NOTARY PUBLIC