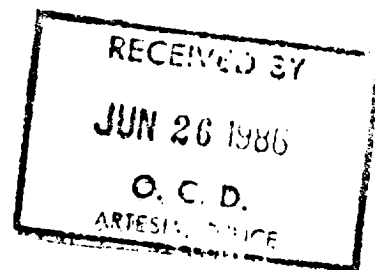


DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

LESLIE K. EVERTSON - ROSWELL
KENNETH D. REYNOLDS - ARTESIA

P. O. Box 1498 ROSWELL, NEW MEXICO 88501
TELEPHONES: ARTESIA 505/746-6744
ROSWELL 505/623-5070

June 5, 1986



Harvey E. Yates Co.
P. O. Box 1933
Roswell, NM 88201

RE: Hondo 4 Fed #4 ✓

Gentlemen:

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

357' - 1/2°	5197' - 2 3/4°	6070' - 3 3/4°	6860' - 3°
859' - 3/4°	5228' - 2 3/4°	6133' - 3 3/4°	6954' - 2 1/4°
1338' - 1°	5259' - 2°	6196' - 3 3/4°	7080' - 2 1/4°
1830' - 2°	5385' - 2 3/4°	6258' - 4°	7238' - 2 3/4°
2230' - 1°	5429' - 2 1/2°	6325' - 4°	7332' - 2 1/2°
2615' - 3/4°	5480' - 3°	6388' - 4 1/2°	7425' - 2 3/4°
3115' - 1°	5543' - 2 1/2°	6451' - 4°	7521' - 2 1/2°
3589' - 1 1/4°	5637' - 2 1/2°	6483' - 4°	7678' - 3°
3896' - 1°	5731' - 2°	6546' - 4°	7773' - 3°
4060' - 1/2°	5826' - 3°	6609' - 4°	7876' - 2 3/4°
4403' - 1/2°	5920' - 3 1/2°	6672' - 3 3/4°	8120' - 2 1/2°
4616' - 1°	5978' - 4 1/4°	6735' - 3 3/4°	8372' - 2 1/4°
5102' - 1 3/4°	6007' - 4 1/4°	6798' - 3 3/4°	8785' - 1 1/4° T.D.

Sincerely,

WEK DRILLING CO., INC.

Arnold Newkirk

Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 5th day of June, 1986 by Arnold Newkirk.

My Commission Expires:

5-4-87

Burkett Michael Betancourt
Notary Public