



DRILLING INC. Oil Well Drilling Contractor

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May 20, 2002

Harvard Petroleum Corp.
P.O. Box 936
Roswell, NM 88201-0936

RE: James Federal #4
Sec. 29, T-23-S, R-32-E
Lea County, New Mexico

Unit J 1980/s & 2308/E
30-025-35843

Gentlemen:

The following is a Deviation Survey on the referenced well:

210' - 1/4°	3514' - 3/4°	4518' - 4°	6104' - 1°
520' - 1 3/4°	4030' - 1/2°	4557' - 3°	6616' - 3/4°
624' - 3/4°	4208' - 4°	4644' - 3 1/2°	7107' - 1 1/4°
1086' - 1/2°	4240' - 4°	4747' - 2 1/4°	7544' - 1 1/4°
1576' - 1/4°	4344' - 4 1/4°	4843' - 1°	7951' - 1 1/4°
2052' - 1°	4391' - 4°	5279' - 3/4°	8451' - 1 1/4°
2529' - 1°	4454' - 4°	5690' - 1/2°	8633' - 1°
3047' - 1°			

Sincerely,

Jerry W. Wilbanks
President

STATE OF NEW MEXICO)

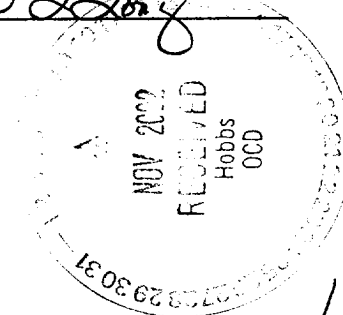
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 20th day of May, 2002 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES

June 19, 2003

Virginia L. Long
NOTARY PUBLIC



KZ