



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—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

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OCT 12 11 22 AM '88

September 27, 1988

Arrowhead Oil Company
P.O. Box 548
Artesia, N.M. 88211

REF: Brown #3

Gentlemen:

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

251' - 1/2°	1330' - 3/4°	3254' - 1°
493' - 1°	1797' - 3/4°	3359' - 3/4°
766' - 1°	2281' - 2 1/4°	3840' - 3/4°
825' - 1°	2763' - 1 1/2°	4213' - 3/4° TD

Sincerely,

Arnold Newkirk
Vice President

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 27th day of September 1988 by Arnold Newkirk.

MY COMMISSION EXPIRES

11-19-91

NOTARY PUBLIC

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OCT 24 1988

OCD
HOBBBS OFFICE