LESLIE K. EVERTSON - ROSWELL KENNETH D. REYNOLDS - ARTESIA DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS P. D. Box 1498 ROSWELL, NEW MEXICO 88201 TELEPHONES: ARTESIA 505/746-6757 ROSWELL 505/623-5070

May 27,1988

Arrowhead Oil Corporation P.O. Box 548 Artesia, N.M. 88210

Ref: Brown #2 - B 3/-17-32

Gentlemen,

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

405 <b>'-</b>	1 3/4°	2344'-	3/40
704 <b>'-</b>	2°	2801'-	3/40
815 <b>'-</b>	2°	3037'-	3/40
954 <b>'-</b>	1 °	3536'-	10
1355 <b>'-</b>	1/4°	3645 <b>'-</b>	1 3/40
1849 <b>'-</b>	1/4°	4165'-	3/40

Sincerely

Arnold Newkirk Vice-President

STATE OF NEW MEXICO)

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COUNTY OF CHAVES

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The foregoing was acknowledged before me this  $2/2^{2/2}$ day une 1988 by Arnold Newkirk. of

MY COMMISSION EXPIRES

Queller's

NOTARY PUBLIC

11-19-91