



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

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

August 2, 1978

Beard Oil Company
Suite 200
2000 Classen Blvd.
Oklahoma City, Oklahoma 73106

Re: Hanlad #1

Dear Sir:

The following is a Deviation Survey of the above well:

238' - $1/4^{\circ}$	4100' - $3/4^{\circ}$
530' - $3/4^{\circ}$	4540' - $1\ 1/4^{\circ}$
1000' - $3/4^{\circ}$	5000' - 1°
1420' - $1\ 1/4^{\circ}$	5470' - 1°
1900' - $1\ 1/4^{\circ}$	5940' - $1\ 1/4^{\circ}$
2380' - $3/4^{\circ}$	5977' - $1\ 1/4^{\circ}$
2840' - 1°	6430' - 1°
3159' - 1°	6873' - $1\ 1/2^{\circ}$
3610' - $1/2^{\circ}$	7220' - $1\ 1/2^{\circ}$ T.D.

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The following was acknowledged before me this 2nd day
of August 1978, by Arnold Newkirk.

My Commission Expires:

4/28/82

Lana Beth Stevenson
Notary Public