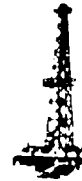


HORIZON DRILLING &
EXPLORATION CORPORATION

200 W. First St.



Suite 225 Petroleum Bldg.
Roswell, New Mexico 88201



623-9537

June 28, 1982

Deviation Surveys: WILCOX T. S.# 1 SEC. 19 T7S R32E
Roosevelt County New Mexico

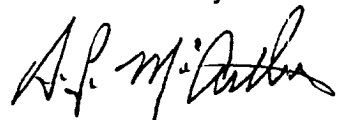
432'	$\frac{1}{2}$	°
700'	$\frac{1}{2}$	°
1023'	$\frac{3}{4}$	°
1352'	$\frac{3}{4}$	°
1685'	$1-\frac{3}{4}$	°
2003'	$1 \frac{1}{2}$	°
2370'	1	°
2875'	1	°
3397'	$\frac{3}{4}$	°
3700'	1	°
3922'	$\frac{3}{4}$	°
4250'	$\frac{1}{2}$	°
4269'	$\frac{1}{2}$	°

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS.

Acknowledged before me this 2nd day
of July, 1982 by H. L. McArthur.


Notary Public

Yours Truly



H.L. McArthur

Gen. Mgr.
Horizon Drilling &
Exploration Corp.

My Commission Expires:
July 8, 1985