

Patterson Drilling Company, Inc.

P.O. Drawer 1416 915/573-1104

SNYDER, TEXAS 79549

June 3, 1991

Chi Operating
P. O. Box 1799
Midland, TX 79702

RE: Cooper #1
Section 3 T-20-S R-37-E
Lea County, New Mexico

660/N + 1984/E

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
494	1/4°
993	1/4°
1420	1/2°
1991	3/4°
2506	3/4°
3000	1/4°
3400	3/4°
3923	1 1/4°
4227	1°
4523	3/4°
4931	3/4°
5372	3/4°
5655	1°
5907	1°
6378	2°
6613	1 1/4°
7120	1°
7200	1°
7604	1 1/4°
7865	1 1/4°

Very truly yours,

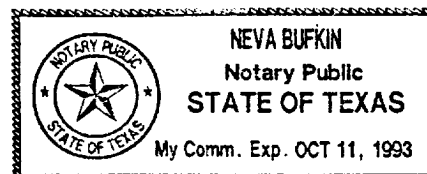
A. J. Henderson
A. J. Henderson
Drilling Superintendent

STATE OF TEXAS
COUNTY OF SCURRY

The foregoing was acknowledged before
me this 4th day of June, 1991.

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NOTARY PUBLIC



RECEIVED

JUN 07 1957

CCC
MOORE DRIVE