ARTESIA FISHING TOOL COMPANY

P. O. BOX 841 PHONE (505) 746-6651

O. C. D./ESIA, OFFICE

ARTESIA, NEW MEXICO 88210

December 22, 1989

Harcorn Oil Company PO Box 38 Loco Hills, NM 88255

> Re: H.E. West A #17

660' FSL & 660' FEL Sec. 4, T17S, R31E Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
584'	1/2°
1084'	3/4°
1551'	1 3/4°
2049'	1 1/4°
2553 '	1°
3051'	1°
3550 '	1°
3954 '	1 1/4°

Very truly yours,

B. N. Muncy Jr.

Secretary

STATE OF NEW MEXICO COUNTY OF EDDY

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The foregoing was acknowledged before me this 22nd day of December, 1989.

NOTARY



OFFICIAL SEAL REGINIA L. GARNER

NOTARY PUBLIC - NEW MEXICO NOTARY BOND FILED WITH SECRETARY OF STATE

My Commission Expires .