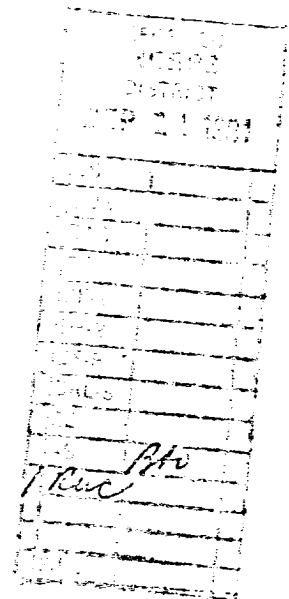


DEVIATION TESTS
AMOCO PRODUCTION COMPANY

STATE "HO" GAS COM. NO. 1
SECTION 19, T-16-S, R-35-E, 2310 FSL, 1942 FWL
LEA COUNTY, NEW MEXICO

<u>DEPTH</u> <u>(FEET)</u>	<u>DEVIATION</u> <u>(DEGREES)</u>
200	3/4
405	3/4
950	3/4
1,450	3/4
1,894	1/4
2,400	3/4
2,949	1 1/4
3,290	1 1/2
3,540	1
3,850	1
4,350	1 1/4
5,250	1
5,742	1 1/4
6,265	3/4
6,880	3/4
7,380	1/2
7,987	3/4
8,484	1 1/4
8,490	1 1/4
9,032	1
10,430	1
10,800	1 1/2
11,300	1 1/4
11,800	1 1/4
12,300	1 1/4



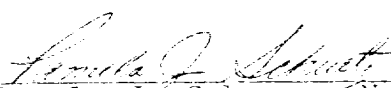
WARTON DRILLING COMPANY


N. J. Halfacre
Vice President/Operations Manager

SUBSCRIBED AND SWORN TO before me this 11th day of
September, A. D. 1981.



PAMELA J. SCHUETZ
Notary Public State of Texas
My Commission Expires August 16 1984


Pamela J. Schuetz, Notary Public
in and for the State of Texas