


DEVIATION TESTS
FOR
HARPER OIL COMPANY

WARFIELD STATE #1
SECTION 31, T-12-S, R-34-E
LEA COUNTY, NEW MEXICO

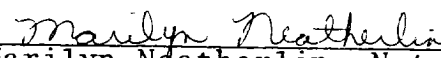
<u>DEPTH (FEET)</u>	<u>DEVIATION (DEGREES)</u>	<u>DEPTH (FEET)</u>	<u>DEVIATION (DEGREES)</u>
144	1/2		
356	3/4		
902	1/2		
1,422	3/4		
1,750	3/4		
2,249	1		
2,747	1 1/2		
2,965	1 1/2		
3,494	1 1/4		
4,019	1 3/4		
4,204	2 1/4		

WARTON DRILLING COMPANY



N. J. Halfacre
Vice President/Operations Manager

SUBSCRIBED AND SWORN TO before me this 24th day of
March, A. D. 1981.



Marilyn Neatherlin, Notary Public
in and for the State of Texas
My commission expires: 2-13-85