

WELL NAME & NUMBER James Federal #1  
 Unit 0  
 LOCATION Section 29, Block 23 South, Range 32 East  
 (Give Unit, Section, Township and Range)

OPERATOR Harvard Petroleum P.O. BOX 936 Roswell, New Mexico 88202

DRILLING CONTRACTOR J.S.M. Drilling Company P.O. BOX 69010 Odessa, TX 79769

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results;

<u>Degrees @ Depth</u>	<u>Degrees &amp; Depth</u>	<u>Degrees @ Depth</u>
<u>.75 164</u>	<u>2.50 4342</u>	<u>                    </u>
<u>1.25 475</u>	<u>3.50 4656</u>	<u>                    </u>
<u>.75 666</u>	<u>2.50 4717</u>	<u>                    </u>
<u>.75 783</u>	<u>2.50 4851</u>	<u>                    </u>
<u>1.25 1250</u>	<u>                    </u>	<u>                    </u>
<u>.75 1782</u>	<u>                    </u>	<u>                    </u>
<u>1.25 2221</u>	<u>                    </u>	<u>                    </u>
<u>1.25 2366</u>	<u>                    </u>	<u>                    </u>
<u>1.50 2804</u>	<u>                    </u>	<u>                    </u>
<u>.75 3123</u>	<u>                    </u>	<u>                    </u>
<u>1.00 3404</u>	<u>                    </u>	<u>                    </u>
<u>1.50 3687</u>	<u>                    </u>	<u>                    </u>
<u>1.25 3867</u>	<u>                    </u>	<u>                    </u>
<u>2.00 4154</u>	<u>                    </u>	<u>                    </u>

DRILLING CONTRACTOR J.S.M. Drilling Company

BY: Jim A. James Jim A. James

Subscribed and sworn to before me this 12th day of August, 19 92

Notary Public

My Commission Expires: 1-2-93

ECTOR                      County TEXAS