

1-3-80      Ran Sperry-Sun Multishot      Survey with the following recorded:

<u>Depth</u>	<u>Angle</u>
15,500	5°
15,600	6°
15,700	6°
15,800	6°
15,900	6°
15,925	7°
15,950	8°
15,975	10°
15,990	12°

1-4-80      TIH w/4 1/2" bit, Dyna-drill, 3 3/4" x 1 1/4" x 1 1/2° bent sub,  
3 7/8" x 1 3/4" orienting sub on 3 1/2" D.P.      Started time drilling  
at 1/2" per 5 min.      from 16,000' - 16,006'.

\*      A complete listing of all deviations will be filed upon completion  
of the well.