

EXXON COMPANY, U.S.A.

POST OFFICE BOX 10488 • MIDLAND, TEXAS 79702

CONFIDENTIAL

MIDCONTINENT PRODUCTION DIVISION
SOUTHERN DRILLING ORGANIZATION

July 15, 1985

E W THOMAS, Manager

W F BURCHARD, Operations Superintendent
K S ROSE, Operations Superintendent
M C WELBORN, Operations Superintendent
J D HOWELL, Engineering Manager

LISTED BELOW ARE THE DEVIATION TESTS TAKEN ON THE HAPPY VALLEY FEDERAL
COMM. #1:

<u>DEPTH</u>	<u>DEGREES OF DEVIATION</u>	<u>DEPTH</u>	<u>DEGREES OF DEVIATION</u>
125	1	7,763	1 1/4
233	3/4	8,010	1 1/4
351	1	8,200	1 1/2
512	1	8,400	1 1/4
658	1 1/4	8,634	1 1/4
830	3/4	8,789	1 1/4
1,041	3/4	9,041	1 3/4
1,345	3/4	9,229	2 1/2
1,689	3/4	9,323	2 1/4
1,972	3/4	9,451	2 1/4
2,285	1/4	9,719	3
2,469	1/2	9,764	3
2,837	1/2	9,860	3
3,337	1/2	10,000	3 1/4
3,837	1/2	10,127	3 1/4
4,831	3/4	10,222	3 1/4
5,365	3/4	10,329	3 1/4
5,509	3/4	10,454	3
6,021	3/4	10,580	1 3/4
6,512	1/2	10,740	1
7,167	1 3/4	10,850	1 1/4
7,294	2 1/4	11,148	3/4
7,418	2 1/4	11,523	1
7,515	2	11,802	1 1/2
7,637	1 3/4		

BY: EM Canoll

SWORN TO and subscribed before me this 21st day of July, 1985.

Linda L. Gons
Notary Public
Midland, Texas

My commission expires: 9 November 1985