

## TOP SHEET

KCC  
NOV 14 2002  
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| HORIZONS           |  | MD          |          | EST. MD     |          | ACT. MD    |          | MD         |          |
|--------------------|--|-------------|----------|-------------|----------|------------|----------|------------|----------|
|                    |  | TVDSS       |          | EST. TVDSS  |          | ACT. TVDSS |          | TVDSS      |          |
| HEBNER SHALE       |  | 536         | ( 549 )  | 561         | ( 547 )  | 572        | ( 536 )  | 562        | ( 555 )  |
| TOP CORE           |  | N/A         | ( )      | 1100        | ( 8 )    | 1111       | ( -3 )   | N/A        | ( )      |
| *ATCHISON          |  | 1138        | ( -53 )  | 1161        | ( -53 )  | 1153       | ( -45 )  | 1138       | ( -21 )  |
| *OSWEGO            |  | 1240        | ( -155 ) | 1263        | ( -155 ) | 1257       | ( -149 ) | 1242       | ( -125 ) |
| EXCELLO            |  | 1269        | ( -184 ) | 1292        | ( -184 ) | 1284       | ( -176 ) | 1270       | ( -153 ) |
| BEVEIR             |  | 1332        | ( -247 ) | 1355        | ( -247 ) | 1346       | ( -238 ) | 1327       | ( -210 ) |
| CROWBERG           |  | 1347        | ( -262 ) | 1370        | ( -262 ) | 1352       | ( -244 ) | 1341       | ( -224 ) |
| MINERAL            |  | 1379        | ( -294 ) | 1402        | ( -294 ) | 1397       | ( -289 ) | 1382       | ( -265 ) |
| *SCAMMON           |  | 1414        | ( -329 ) | 1437        | ( -329 ) | 1426       | ( -318 ) | 1416       | ( -299 ) |
| TEBO               |  | 1429        | ( -344 ) | 1452        | ( -344 ) | 1439       | ( -331 ) | 1427       | ( -310 ) |
| WEIR               |  | 1480        | ( -395 ) | 1503        | ( -395 ) | 1481       | ( -373 ) | 1466       | ( -349 ) |
| BLUEJACKET         |  | 1533        | ( -448 ) | 1556        | ( -448 ) | 1550       | ( -442 ) | 1518       | ( -401 ) |
| *KREB              |  | 1618        | ( -533 ) | 1641        | ( -533 ) | 1623       | ( -515 ) | 1615       | ( -498 ) |
| *ROWE              |  | 1677        | ( -592 ) | 1700        | ( -592 ) | 1699       | ( -591 ) | 1679       | ( -562 ) |
| *RIVERTON          |  | 1744        | ( -659 ) | 1767        | ( -659 ) | 1766       | ( -658 ) | 1748       | ( -631 ) |
| BASE CORE          |  | N/A         | ( )      | 1840        | ( -732 ) | 1854       | ( -746 ) | N/A        | ( )      |
| MISSISSIPPIAN      |  | 1885        | ( -800 ) | 1908        | ( -800 ) | 1913       | ( -805 ) | 1892       | ( -775 ) |
| TOTAL DEPTH (F.M.) |  | 2362(H-MTN) |          | 2050 (MSSP) |          | 2060(MSSP) |          | 1925(MSSP) |          |

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WELLSITE GEOLOGIST ON WELL AT CORE POINT

DATE: 7/25/02

ORIGINAL ESTIMATE BY: JEK

DATE: 9/30/02

ACTUAL TOPS BY: JEK

## \* POSSIBLE PRODUCING ZONES

Note subsea value of formation tops is calculated from Ground Level (GL), which is customary for this area.

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