

XTRA ENERGY CORP.  
WELL# 34  
ELEV. 58' K.B.  
SURVEY BY EASTMAN  
TYPE SINGLE SHOT LAMB. COORD. N 4 041 488 E 4 205 567  
MAG. DEC. 14 DEGREES

T.H.E. DIRECTIONAL DRILLING COMPANY  
DIST. CARSON  
LEASE WILMINGTON  
RADIUS OF CURVATURE

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| MEASURED<br>DEPTH | DRIFT<br>ANGLE | DRIFT<br>DIRECTION | VERTICAL<br>DEPTH | SECTION | LATITUDE<br>FEET | DEPARTURE<br>FEET | DOG<br>LEG/100 |
|-------------------|----------------|--------------------|-------------------|---------|------------------|-------------------|----------------|
| 4537              | 26 00          | S 86 00 E          | 3659.29           | 2364.19 | 110.90 S         | 2361.59 E         | 1.03           |
| Projected 4571    | 26 00          | S 86 00 E          | 3689.85           | 2379.09 | 111.94 S         | 2376.46 E         | .08            |

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.  
THE VERTICAL SECTION WAS COMPUTED ALONG S 87 14' E  
BASED UPON RADIUS OF CURVATURE TYPE CALCULATIONS.

THE BOTTOM HOLE DISPLACEMENT IS 2379.09 FEET IN THE DIRECTION OF S . 80' E.  
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELL HEAD.  
VERTICAL SECTION IS RELATIVE TO WELL HEAD.