

SYSDRILL
Minimum Distance Report
Wellbore: ALICIA 12-15H-3N (PWB)

Ellipse separations are reported ONLY if BOTH wells have uncertainty data
Only Depth and Magnetic Reference Field error terms are correlated across tie points
Proximities beyond 1000.00ft with expansion rate of 0.00ft/1000ft are not reported
Scan limit is calculated on CENTRE to CENTRE distance

Summary data uses Closest Approach clearance calculation for all minima
Hole size/Casings ARE included

Hole size/Casings are NOT subtracted from Centre-Centre distance
Confidence limit of 95.00% / 2.80 SD.

| Wellbore | | |
|------------------------|------------|--------------|
| Name | Created | Last Revised |
| ALICIA 12-15H-3N (PWB) | 3-Mar-2014 | 19-Aug-2014 |

| Well | | |
|------------------|---------------|--------------|
| Name | Government ID | Last Revised |
| ALICIA 12-15H-3N | | 19-Aug-2014 |

| Clearance Summary | | | | |
|---------------------------|----------|-----------------|-------------------------|------------------|
| Offset Wellbore | MD[ft] | Separation [ft] | Ellipse Separation [ft] | Clearance Factor |
| ALICIA 12-15H-4C (PWB) | 1608.35 | 15.75 | 12.50 | 3.88 |
| Ruby #1 (AWB) | 1525.00 | 20.06 | 15.25 | 4.15 |
| ALICIA 12-15H-2N (PWB) | 1625.06 | 31.49 | 28.23 | 3.31 |
| Ruby #2 (AWB) | 1218.00 | 40.12 | 37.22 | 13.69 |
| ALICIA 12-15H-5N (PWB) | 1587.80 | 45.81 | 42.61 | 6.62 |
| ALICIA 12-15H-1N (PWB) | 1550.01 | 61.58 | 58.45 | 9.90 |
| MALLO #1 (AWB) | 1525.00 | 67.71 | 63.59 | 16.13 |
| ALICIA 12-15H-6C (PWB) | 1500.00 | 77.36 | 74.31 | 24.56 |
| AFTON 12-16H-1 (PWB) | 8346.33 | 207.35 | 185.57 | 4.23 |
| TUDEX REINHOLT #NC4 (AWB) | 12086.49 | 404.06 | 362.68 | 9.77 |
| AFTON 12-16H-2 (PWB) | 7372.95 | 429.83 | 403.31 | 5.07 |
| W MORRISON #15-1 (AWB) | 13841.70 | 493.45 | 418.62 | 6.59 |
| AFTON #12-16H-3 (PWB) | 8083.87 | 526.75 | 512.06 | 6.91 |
| BARKER #12-9 (AWB) | 9692.44 | 617.79 | 596.47 | 27.90 |
| W MORRISON #16-1 (AWB) | 13503.28 | 709.11 | 637.15 | 9.81 |
| AFTON 12-16H-8 (PWB) | 7969.04 | 714.65 | 698.95 | 8.35 |
| ELMS #2 (AWB) | 11299.09 | 746.42 | 711.79 | 21.15 |
| DARLOW UNIT #12-16B (AWB) | 8404.41 | 780.45 | 766.54 | 54.81 |
| AFTON 12-16H-5 (PWB) | 7952.63 | 879.96 | 864.02 | 10.37 |
| AFTON 12-16H-6 (PWB) | 7829.70 | 942.17 | 927.66 | 60.78 |
| AFTON #12-16H-4 Sidetrack | 9107.94 | 1029.94 | 979.18 | 17.74 |