



Directional Survey

Well Name: SEA SNAKE 35 STATE 4H

|                                          |                               |                                   |                                     |                                    |                                  |                       |
|------------------------------------------|-------------------------------|-----------------------------------|-------------------------------------|------------------------------------|----------------------------------|-----------------------|
| Sub-Division<br>DELAWARE BASIN           | Region<br>DELAWARE BASIN EAST | Field Name<br>JOHNSON RANCH       |                                     | County<br>LEA                      | State/Province<br>NM             |                       |
| Surface Legal Location<br>SEC 35 23S 33E | API/UWI<br>3002542285         | Latitude (°)<br>32° 15' 16.933" N | Longitude (°)<br>103° 32' 12.514" W | Orig KB Elevation (ft)<br>3,667.60 | Ground Elev MSL (ft)<br>3,642.60 | KB - GL (ft)<br>25.00 |

|                     |                       |                      |  |                                                    |
|---------------------|-----------------------|----------------------|--|----------------------------------------------------|
| Wellbores           |                       |                      |  | Vertical Section Direction (°)<br><b>HOBBS OOD</b> |
| Wellbore Name<br>OH | Parent Wellbore<br>OH | SAP Well ID<br>38328 |  |                                                    |

|                        |                  |  |  |                              |                     |
|------------------------|------------------|--|--|------------------------------|---------------------|
| Kick Offs & Key Depths |                  |  |  | Top Depth (ftKB)<br>10,432.0 | <b>AUG 1 3 2015</b> |
| Date<br>5/9/2015       | Type<br>Kick Off |  |  |                              |                     |

|                         |             |           |                           |                                                                                     |
|-------------------------|-------------|-----------|---------------------------|-------------------------------------------------------------------------------------|
| Actual Deviation Survey | Definitive? | Proposed? | Proposed Deviation Survey |  |
| MWD, Proposed? No       | Yes         | No        | MWD, Proposed? No         |                                                                                     |

RECEIVED

| Deviation Survey  |                   |                        |                    |               |                |
|-------------------|-------------------|------------------------|--------------------|---------------|----------------|
| Date<br>4/27/2015 |                   | Description<br>MWD     |                    |               |                |
| MD Tie In (ftKB)  | TVD Tie In (ftKB) | Inclination Tie In (°) | Azimuth Tie In (°) | NSTie In (ft) | EW Tie In (ft) |

| Date      | MD (ftKB) | Incl (°) | Azm (°) | TVD (ftKB) | VS (ft) | N/S (ft) | E/W (ft) | DLS<br>(°/100ft) | Survey<br>Tool | Survey Company |
|-----------|-----------|----------|---------|------------|---------|----------|----------|------------------|----------------|----------------|
| 4/27/2015 | 130.00    | 0.70     | 218.86  | 130.00     | -0.59   | -0.62    | -0.50    | 0.54             | MWD            | EXTEREME       |
| 4/27/2015 | 253.00    | 1.41     | 227.65  | 252.98     | -2.10   | -2.22    | -2.09    | 0.59             | MWD            | EXTEREME       |
| 4/27/2015 | 373.00    | 1.41     | 217.98  | 372.94     | -4.13   | -4.38    | -4.09    | 0.20             | MWD            | EXTEREME       |
| 4/27/2015 | 557.00    | 1.20     | 206.95  | 556.89     | -7.49   | -7.88    | -6.35    | 0.18             | MWD            | EXTEREME       |
| 4/27/2015 | 612.00    | 1.19     | 221.00  | 611.88     | -8.40   | -8.83    | -6.99    | 0.53             | MWD            | EXTEREME       |
| 4/27/2015 | 733.00    | 1.10     | 218.00  | 732.86     | -10.17  | -10.69   | -8.53    | 0.09             | MWD            | EXTEREME       |
| 4/27/2015 | 920.00    | 0.79     | 254.00  | 919.83     | -11.80  | -12.46   | -10.87   | 0.35             | MWD            | EXTEREME       |
| 4/27/2015 | 1,047.00  | 0.62     | 265.00  | 1,046.82   | -12.01  | -12.76   | -12.40   | 0.17             | MWD            | EXTEREME       |
| 4/27/2015 | 1,237.00  | 0.31     | 302.00  | 1,236.82   | -11.74  | -12.58   | -13.86   | 0.22             | MWD            | EXTEREME       |
| 4/27/2015 | 1,613.00  | 1.30     | 340.59  | 1,612.78   | -7.05   | -8.02    | -16.14   | 0.29             | MWD            | EXTEREME       |
| 4/27/2015 | 1,708.00  | 1.19     | 346.08  | 1,707.75   | -5.05   | -6.04    | -16.74   | 0.17             | MWD            | EXTEREME       |
| 4/27/2015 | 1,803.00  | 1.32     | 345.38  | 1,802.73   | -3.00   | -4.03    | -17.25   | 0.14             | MWD            | EXTEREME       |
| 4/27/2015 | 1,896.00  | 1.19     | 356.37  | 1,895.71   | -0.99   | -2.03    | -17.58   | 0.29             | MWD            | EXTEREME       |
| 4/27/2015 | 1,991.00  | 1.32     | 355.49  | 1,990.69   | 1.09    | 0.05     | -17.73   | 0.14             | MWD            | EXTEREME       |
| 4/27/2015 | 2,086.00  | 1.32     | 347.49  | 2,085.66   | 3.27    | 2.21     | -18.05   | 0.19             | MWD            | EXTEREME       |
| 4/27/2015 | 2,180.00  | 1.49     | 347.89  | 2,179.63   | 5.54    | 4.46     | -18.54   | 0.18             | MWD            | EXTEREME       |
| 4/27/2015 | 2,275.00  | 1.32     | 353.95  | 2,274.60   | 7.86    | 6.76     | -18.92   | 0.24             | MWD            | EXTEREME       |
| 4/27/2015 | 2,371.00  | 1.32     | 355.36  | 2,370.58   | 10.07   | 8.96     | -19.12   | 0.03             | MWD            | EXTEREME       |
| 4/27/2015 | 2,463.00  | 1.58     | 353.96  | 2,462.55   | 12.40   | 11.27    | -19.34   | 0.29             | MWD            | EXTEREME       |
| 4/27/2015 | 2,558.00  | 1.49     | 357.38  | 2,557.51   | 14.94   | 13.81    | -19.54   | 0.14             | MWD            | EXTEREME       |
| 4/27/2015 | 2,652.00  | 1.41     | 352.37  | 2,651.48   | 17.31   | 16.18    | -19.75   | 0.16             | MWD            | EXTEREME       |
| 4/27/2015 | 2,748.00  | 1.41     | 359.27  | 2,747.46   | 19.67   | 18.53    | -19.92   | 0.18             | MWD            | EXTEREME       |
| 4/27/2015 | 2,840.00  | 1.58     | 0.98    | 2,839.42   | 22.07   | 20.93    | -19.91   | 0.19             | MWD            | EXTEREME       |
| 4/27/2015 | 2,934.00  | 1.71     | 5.77    | 2,933.39   | 24.74   | 23.62    | -19.75   | 0.20             | MWD            | EXTEREME       |
| 4/27/2015 | 3,124.00  | 1.89     | 13.15   | 3,123.29   | 30.55   | 29.49    | -18.75   | 0.15             | MWD            | EXTEREME       |
| 4/27/2015 | 3,218.00  | 2.11     | 12.06   | 3,217.23   | 33.70   | 32.69    | -18.04   | 0.24             | MWD            | EXTEREME       |
| 4/27/2015 | 3,311.00  | 2.11     | 16.98   | 3,310.17   | 36.96   | 36.01    | -17.18   | 0.19             | MWD            | EXTEREME       |
| 4/27/2015 | 3,406.00  | 2.29     | 15.79   | 3,405.10   | 40.39   | 39.50    | -16.15   | 0.20             | MWD            | EXTEREME       |
| 4/27/2015 | 3,501.00  | 2.42     | 17.15   | 3,500.02   | 44.06   | 43.25    | -15.04   | 0.15             | MWD            | EXTEREME       |
| 4/27/2015 | 3,595.00  | 2.29     | 19.88   | 3,593.94   | 47.64   | 46.91    | -13.82   | 0.18             | MWD            | EXTEREME       |
| 4/27/2015 | 3,690.00  | 2.59     | 24.98   | 3,688.86   | 51.28   | 50.64    | -12.27   | 0.39             | MWD            | EXTEREME       |
| 4/27/2015 | 3,783.00  | 2.59     | 28.36   | 3,781.76   | 54.91   | 54.39    | -10.38   | 0.16             | MWD            | EXTEREME       |
| 4/27/2015 | 3,974.00  | 2.50     | 35.87   | 3,972.57   | 61.81   | 61.57    | -5.89    | 0.18             | MWD            | EXTEREME       |
| 4/27/2015 | 4,068.00  | 2.50     | 34.69   | 4,066.48   | 65.01   | 64.91    | -3.52    | 0.05             | MWD            | EXTEREME       |
| 4/27/2015 | 4,183.00  | 2.29     | 40.18   | 4,181.38   | 68.65   | 68.73    | -0.61    | 0.27             | MWD            | EXTEREME       |
| 4/27/2015 | 4,242.00  | 2.20     | 36.97   | 4,240.34   | 70.37   | 70.54    | 0.83     | 0.26             | MWD            | EXTEREME       |
| 4/27/2015 | 4,350.00  | 2.20     | 34.95   | 4,348.26   | 73.57   | 73.89    | 3.26     | 0.07             | MWD            | EXTEREME       |
| 4/27/2015 | 4,445.00  | 2.90     | 56.09   | 4,443.17   | 76.22   | 76.73    | 6.30     | 1.22             | MWD            | EXTEREME       |
| 4/27/2015 | 4,537.00  | 4.00     | 82.15   | 4,535.00   | 77.66   | 78.46    | 11.41    | 2.05             | MWD            | EXTEREME       |
| 4/27/2015 | 4,631.00  | 4.79     | 88.08   | 4,628.73   | 77.81   | 79.04    | 18.58    | 0.97             | MWD            | EXTEREME       |
| 4/27/2015 | 4,729.00  | 5.01     | 90.19   | 4,726.37   | 77.44   | 79.17    | 26.95    | 0.29             | MWD            | EXTEREME       |
| 4/27/2015 | 4,824.00  | 6.20     | 98.76   | 4,820.91   | 76.10   | 78.37    | 36.17    | 1.53             | MWD            | EXTEREME       |
| 4/27/2015 | 4,918.00  | 7.29     | 102.98  | 4,914.26   | 73.36   | 76.26    | 47.00    | 1.27             | MWD            | EXTEREME       |
| 4/27/2015 | 5,013.00  | 7.91     | 100.65  | 5,008.43   | 70.07   | 73.70    | 59.30    | 0.73             | MWD            | EXTEREME       |
| 4/27/2015 | 5,107.00  | 7.21     | 101.09  | 5,101.61   | 67.03   | 71.37    | 71.44    | 0.75             | MWD            | EXTEREME       |
| 4/27/2015 | 5,359.00  | 5.80     | 102.76  | 5,351.98   | 59.54   | 65.51    | 99.38    | 0.56             | MWD            | EXTEREME       |
| 4/27/2015 | 5,454.00  | 5.89     | 101.88  | 5,446.49   | 56.92   | 63.45    | 108.83   | 0.13             | MWD            | EXTEREME       |
| 4/27/2015 | 5,549.00  | 6.28     | 103.37  | 5,540.95   | 54.14   | 61.24    | 118.66   | 0.44             | MWD            | EXTEREME       |
| 4/27/2015 | 5,645.00  | 6.20     | 101.57  | 5,636.38   | 51.29   | 58.99    | 128.84   | 0.22             | MWD            | EXTEREME       |
| 4/27/2015 | 5,740.00  | 6.02     | 103.37  | 5,730.84   | 48.53   | 56.81    | 138.72   | 0.28             | MWD            | EXTEREME       |
| 4/27/2015 | 5,835.00  | 6.20     | 101.66  | 5,825.30   | 45.77   | 54.62    | 148.59   | 0.27             | MWD            | EXTEREME       |
| 4/27/2015 | 5,930.00  | 6.20     | 105.97  | 5,919.75   | 42.74   | 52.17    | 158.54   | 0.49             | MWD            | EXTEREME       |
| 4/27/2015 | 6,024.00  | 6.42     | 106.58  | 6,013.18   | 39.26   | 49.28    | 168.46   | 0.24             | MWD            | EXTEREME       |
| 4/27/2015 | 6,119.00  | 6.42     | 103.46  | 6,107.58   | 35.91   | 46.52    | 178.72   | 0.37             | MWD            | EXTEREME       |
| 4/27/2015 | 6,213.00  | 5.71     | 107.99  | 6,201.06   | 32.68   | 43.86    | 188.28   | 0.91             | MWD            | EXTEREME       |
| 4/27/2015 | 6,306.00  | 5.71     | 108.69  | 6,293.60   | 29.26   | 40.95    | 197.06   | 0.07             | MWD            | EXTEREME       |
| 4/27/2015 | 6,401.00  | 5.89     | 108.56  | 6,388.11   | 25.66   | 37.88    | 206.16   | 0.19             | MWD            | EXTEREME       |
| 4/27/2015 | 6,495.00  | 5.80     | 103.99  | 6,481.62   | 22.44   | 35.20    | 215.34   | 0.50             | MWD            | EXTEREME       |
| 4/27/2015 | 6,590.00  | 5.58     | 105.90  | 6,576.15   | 19.48   | 32.77    | 224.44   | 0.31             | MWD            | EXTEREME       |
| 4/27/2015 | 6,684.00  | 5.71     | 110.27  | 6,669.70   | 16.10   | 29.90    | 233.22   | 0.48             | MWD            | EXTEREME       |
| 4/27/2015 | 6,777.00  | 5.89     | 108.16  | 6,762.22   | 12.49   | 26.81    | 242.09   | 0.30             | MWD            | EXTEREME       |
| 4/27/2015 | 6,872.00  | 5.49     | 108.16  | 6,856.75   | 9.03    | 23.87    | 251.04   | 0.42             | MWD            | EXTEREME       |
| 4/27/2015 | 6,956.00  | 5.80     | 108.69  | 6,940.35   | 5.96    | 21.26    | 258.88   | 0.37             | MWD            | EXTEREME       |
| 4/27/2015 | 7,155.00  | 5.41     | 112.38  | 7,138.40   | -1.89   | 14.47    | 277.08   | 0.27             | MWD            | EXTEREME       |
| 4/27/2015 | 7,242.00  | 5.58     | 108.56  | 7,225.00   | -5.26   | 11.56    | 284.88   | 0.46             | MWD            | EXTEREME       |
| 4/27/2015 | 7,338.00  | 5.49     | 109.09  | 7,320.55   | -8.75   | 8.57     | 293.65   | 0.11             | MWD            | EXTEREME       |



Directional Survey

Well Name: SEA SNAKE 35 STATE 4H

|                        |                     |                   |                    |                        |                      |              |
|------------------------|---------------------|-------------------|--------------------|------------------------|----------------------|--------------|
| Sub-Division           | Region              | Field Name        |                    | County                 | State/Province       |              |
| DELAWARE BASIN         | DELAWARE BASIN EAST | JOHNSON RANCH     |                    | LEA                    | NM                   |              |
| Surface Legal Location | API/UWI             | Latitude (°)      | Longitude (°)      | Orig KB Elevation (ft) | Ground Elev MSL (ft) | KB - GL (ft) |
| SEC 35 23S 33E         | 3002542285          | 32° 15' 16.933" N | 103° 32' 12.514" W | 3,667.60               | 3,642.60             | 25.00        |

| Survey Data |           |          |         |            |          |          |          |               |             |                |
|-------------|-----------|----------|---------|------------|----------|----------|----------|---------------|-------------|----------------|
| Date        | MD (ftKB) | Incl (°) | Azm (°) | TVD (ftKB) | VS (ft)  | N/S (ft) | E/W (ft) | DLS (°/100ft) | Survey Tool | Survey Company |
| 4/27/2015   | 7,436.00  | 5.49     | 110.19  | 7,418.10   | -12.42   | 5.42     | 302.48   | 0.11          | MWD         | EXTEREME       |
| 4/27/2015   | 7,531.00  | 5.19     | 112.16  | 7,512.69   | -16.09   | 2.23     | 310.72   | 0.37          | MWD         | EXTEREME       |
| 4/27/2015   | 7,628.00  | 5.32     | 111.99  | 7,609.28   | -19.91   | -1.11    | 318.95   | 0.13          | MWD         | EXTEREME       |
| 4/27/2015   | 7,722.00  | 5.32     | 116.78  | 7,702.87   | -23.96   | -4.70    | 326.89   | 0.47          | MWD         | EXTEREME       |
| 4/27/2015   | 7,816.00  | 5.41     | 113.26  | 7,796.46   | -28.14   | -8.42    | 334.85   | 0.36          | MWD         | EXTEREME       |
| 4/27/2015   | 7,911.00  | 5.32     | 119.06  | 7,891.05   | -32.51   | -12.32   | 342.81   | 0.58          | MWD         | EXTEREME       |
| 4/27/2015   | 8,008.00  | 5.80     | 118.89  | 7,987.59   | -37.54   | -16.88   | 351.03   | 0.50          | MWD         | EXTEREME       |
| 4/27/2015   | 8,103.00  | 5.19     | 124.47  | 8,082.15   | -42.74   | -21.63   | 358.78   | 0.85          | MWD         | EXTEREME       |
| 4/27/2015   | 8,197.00  | 5.49     | 125.26  | 8,175.75   | -48.16   | -26.63   | 365.95   | 0.33          | MWD         | EXTEREME       |
| 4/27/2015   | 8,294.00  | 5.41     | 126.58  | 8,272.31   | -53.99   | -32.03   | 373.42   | 0.15          | MWD         | EXTEREME       |
| 4/27/2015   | 8,387.00  | 5.10     | 122.58  | 8,364.92   | -59.23   | -36.87   | 380.42   | 0.52          | MWD         | EXTEREME       |
| 4/27/2015   | 8,481.00  | 4.70     | 123.28  | 8,458.57   | -63.99   | -41.24   | 387.16   | 0.43          | MWD         | EXTEREME       |
| 4/27/2015   | 8,576.00  | 5.01     | 121.08  | 8,553.23   | -68.66   | -45.51   | 393.97   | 0.38          | MWD         | EXTEREME       |
| 4/27/2015   | 8,671.00  | 4.48     | 127.28  | 8,647.91   | -73.42   | -49.90   | 400.47   | 0.78          | MWD         | EXTEREME       |
| 4/27/2015   | 8,765.00  | 4.30     | 122.67  | 8,741.63   | -77.89   | -54.03   | 406.36   | 0.42          | MWD         | EXTEREME       |
| 4/27/2015   | 8,891.00  | 3.30     | 119.28  | 8,867.35   | -82.62   | -58.35   | 413.50   | 0.81          | MWD         | EXTEREME       |
| 4/27/2015   | 8,960.00  | 2.68     | 117.48  | 8,936.26   | -84.52   | -60.07   | 416.66   | 0.91          | MWD         | EXTEREME       |
| 4/27/2015   | 9,045.00  | 2.42     | 111.99  | 9,021.17   | -86.31   | -61.66   | 420.09   | 0.42          | MWD         | EXTEREME       |
| 4/27/2015   | 9,144.00  | 2.10     | 120.38  | 9,120.10   | -88.22   | -63.36   | 423.59   | 0.46          | MWD         | EXTEREME       |
| 4/27/2015   | 9,233.00  | 2.20     | 113.88  | 9,209.04   | -89.90   | -64.87   | 426.56   | 0.30          | MWD         | EXTEREME       |
| 4/27/2015   | 9,327.00  | 1.41     | 101.48  | 9,302.99   | -91.03   | -65.83   | 429.34   | 0.93          | MWD         | EXTEREME       |
| 4/27/2015   | 9,515.00  | 1.19     | 39.47   | 9,490.95   | -90.19   | -64.79   | 432.85   | 0.72          | MWD         | EXTEREME       |
| 5/8/2015    | 9,674.00  | 2.58     | 93.10   | 9,649.87   | -89.38   | -63.70   | 437.47   | 1.32          | MWD         | WEATHERFORD    |
| 5/8/2015    | 9,769.00  | 3.03     | 89.43   | 9,744.75   | -89.75   | -63.79   | 442.12   | 0.51          | MWD         | WEATHERFORD    |
| 5/8/2015    | 9,863.00  | 2.67     | 87.07   | 9,838.64   | -89.89   | -63.66   | 446.79   | 0.40          | MWD         | WEATHERFORD    |
| 5/8/2015    | 9,958.00  | 3.43     | 96.34   | 9,933.50   | -90.38   | -63.86   | 451.83   | 0.95          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,053.00 | 3.92     | 105.71  | 10,028.31  | -91.92   | -65.05   | 457.78   | 0.81          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,147.00 | 3.78     | 109.10  | 10,122.10  | -94.16   | -66.94   | 463.80   | 0.28          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,242.00 | 3.67     | 113.52  | 10,216.90  | -96.73   | -69.17   | 469.54   | 0.32          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,336.00 | 3.58     | 119.61  | 10,310.71  | -99.69   | -71.82   | 474.85   | 0.42          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,430.00 | 2.69     | 122.52  | 10,404.57  | -102.58  | -74.46   | 479.27   | 0.96          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,462.00 | 1.30     | 183.02  | 10,436.55  | -103.38  | -75.23   | 479.88   | 7.32          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,493.00 | 2.54     | 254.40  | 10,467.54  | -103.88  | -75.76   | 479.20   | 7.92          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,525.00 | 3.50     | 270.33  | 10,499.49  | -103.97  | -75.95   | 477.54   | 3.96          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,556.00 | 5.87     | 294.51  | 10,530.39  | -103.16  | -75.28   | 475.15   | 9.79          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,588.00 | 9.67     | 298.43  | 10,562.09  | -100.98  | -73.33   | 471.30   | 11.98         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,619.00 | 13.45    | 298.79  | 10,592.45  | -97.69   | -70.35   | 465.85   | 12.20         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,651.00 | 17.24    | 302.85  | 10,623.31  | -92.90   | -65.98   | 458.60   | 12.30         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,682.00 | 20.80    | 306.73  | 10,652.61  | -86.64   | -60.20   | 450.32   | 12.18         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,714.00 | 24.73    | 308.70  | 10,682.11  | -78.49   | -52.61   | 440.54   | 12.51         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,745.00 | 28.78    | 311.87  | 10,709.79  | -68.84   | -43.57   | 429.92   | 13.85         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,777.00 | 33.36    | 314.13  | 10,737.19  | -56.87   | -32.30   | 417.86   | 14.77         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,809.00 | 38.10    | 315.17  | 10,763.16  | -42.98   | -19.16   | 404.58   | 14.93         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,840.00 | 42.51    | 314.86  | 10,786.80  | -27.99   | -4.98    | 390.41   | 14.24         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,871.00 | 47.17    | 315.17  | 10,808.77  | -11.65   | 10.47    | 374.96   | 15.05         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,903.00 | 52.06    | 314.50  | 10,829.50  | 6.52     | 27.65    | 357.68   | 15.36         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,934.00 | 55.39    | 313.49  | 10,847.84  | 24.90    | 45.00    | 339.70   | 11.06         | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,966.00 | 57.84    | 312.38  | 10,865.45  | 44.22    | 63.20    | 320.13   | 8.19          | MWD         | WEATHERFORD    |
| 5/8/2015    | 10,997.00 | 60.34    | 311.91  | 10,881.37  | 63.19    | 81.04    | 300.41   | 8.17          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,029.00 | 64.33    | 312.60  | 10,896.23  | 83.45    | 100.10   | 279.44   | 12.61         | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,060.00 | 68.77    | 312.75  | 10,908.56  | 103.93   | 119.37   | 258.54   | 14.33         | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,092.00 | 72.02    | 312.71  | 10,919.30  | 125.65   | 139.83   | 236.40   | 10.16         | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,123.00 | 74.22    | 315.11  | 10,928.30  | 147.44   | 160.40   | 215.03   | 10.26         | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,155.00 | 76.47    | 318.07  | 10,936.39  | 171.15   | 182.89   | 193.76   | 11.38         | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,186.00 | 77.88    | 321.35  | 10,943.28  | 195.31   | 205.94   | 174.22   | 11.27         | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,218.00 | 79.17    | 325.22  | 10,949.65  | 221.51   | 231.08   | 155.48   | 12.52         | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,249.00 | 80.17    | 328.22  | 10,955.21  | 247.94   | 256.57   | 138.75   | 10.05         | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,280.00 | 81.79    | 330.62  | 10,960.07  | 275.17   | 282.92   | 123.18   | 9.26          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,312.00 | 82.85    | 333.21  | 10,964.34  | 303.98   | 310.90   | 108.25   | 8.68          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,343.00 | 83.56    | 335.95  | 10,968.01  | 332.51   | 338.70   | 95.04    | 9.07          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,376.00 | 83.91    | 338.61  | 10,971.61  | 363.46   | 368.96   | 82.37    | 8.08          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,407.00 | 83.91    | 341.16  | 10,974.90  | 392.98   | 397.90   | 71.77    | 8.18          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,439.00 | 84.47    | 342.64  | 10,978.14  | 423.76   | 428.16   | 61.88    | 4.92          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,470.00 | 85.03    | 342.98  | 10,980.98  | 453.74   | 457.65   | 52.76    | 2.11          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,565.00 | 88.18    | 348.46  | 10,986.61  | 546.82   | 549.51   | 29.38    | 6.64          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,659.00 | 88.88    | 349.60  | 10,989.02  | 639.96   | 641.76   | 11.50    | 1.42          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,754.00 | 89.44    | 349.82  | 10,990.41  | 734.26   | 735.22   | -5.46    | 0.63          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,848.00 | 89.44    | 349.66  | 10,991.33  | 827.58   | 827.71   | -22.21   | 0.17          | MWD         | WEATHERFORD    |
| 5/8/2015    | 11,942.00 | 89.16    | 350.34  | 10,992.48  | 920.95   | 920.27   | -38.53   | 0.78          | MWD         | WEATHERFORD    |
| 5/8/2015    | 12,037.00 | 89.65    | 351.00  | 10,993.47  | 1,015.43 | 1,014.01 | -53.93   | 0.87          | MWD         | WEATHERFORD    |
| 5/8/2015    | 12,131.00 | 89.51    | 352.75  | 10,994.16  | 1,109.10 | 1,107.06 | -67.21   | 1.87          | MWD         | WEATHERFORD    |
| 5/8/2015    | 12,225.00 | 88.11    | 353.83  | 10,996.11  | 1,202.92 | 1,200.39 | -78.19   | 1.88          | MWD         | WEATHERFORD    |
| 5/8/2015    | 12,320.00 | 89.02    | 353.98  | 10,998.49  | 1,297.78 | 1,294.83 | -88.28   | 0.97          | MWD         | WEATHERFORD    |
| 5/8/2015    | 12,414.00 | 88.46    | 354.17  | 11,000.55  | 1,391.66 | 1,388.30 | -97.98   | 0.63          | MWD         | WEATHERFORD    |
| 5/8/2015    | 12,508.00 | 88.88    | 355.30  | 11,002.74  | 1,485.58 | 1,481.88 | -106.60  | 1.28          | MWD         | WEATHERFORD    |
| 5/8/2015    | 12,603.00 | 90.07    | 354.97  | 11,003.61  | 1,580.55 | 1,576.53 | -114.66  | 1.30          | MWD         | WEATHERFORD    |
| 5/8/2015    | 12,697.00 | 89.86    | 355.62  | 11,003.66  | 1,674.52 | 1,670.21 | -122.37  | 0.73          | MWD         | WEATHERFORD    |



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