

|                          |
|--------------------------|
| <b>Synergy Resources</b> |
|--------------------------|

|  |       |            |            |           |             |      |
|--|-------|------------|------------|-----------|-------------|------|
| Well Name: <b>SRC Vista 12-2NHZ</b>                                      |       |            |            |           |             |      |
| Surface Location: SRC Vista (N/S) Pad Sec.2-T4N-R68W                     |       |            |            |           |             |      |
| North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone |       |            |            |           |             |      |
| Ground Elevation: 5000.0   |       |            |            |           |             |      |
| +N/-S  | +E/-W | Northing   | Easting    | Latitude  | Longitude   | Slot |
| 0.0  | 0.0   | 1367677.03 | 3145254.75 | 40.341503 | -104.978905 |      |
| RKB - 13' WELL @ 5013.0ft (RKB - 13')                                    |       |            |            |           |             |      |

|                                       |       |            |            |           |             |      |
|---------------------------------------|-------|------------|------------|-----------|-------------|------|
| Ground Elevation: 5000.0              |       |            |            |           |             |      |
| +N/-S                                 | +E/-W | Northing   | Easting    | Latitude  | Longitude   | Slot |
| 0.0                                   | 0.0   | 1367677.03 | 3145254.75 | 40.341503 | -104.978905 |      |
| RKB - 13' WELL @ 5013.0ft (RKB - 13') |       |            |            |           |             |      |


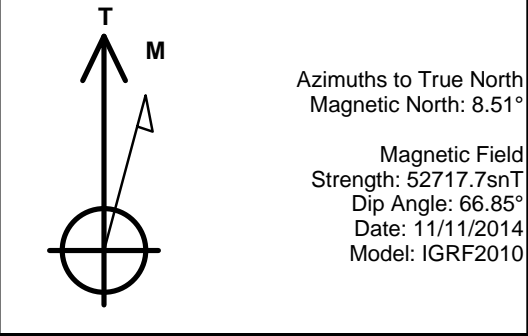
|                                       |       |            |            |           |             |      |
|---------------------------------------|-------|------------|------------|-----------|-------------|------|
| +N/-S                                 | +E/-W | Northing   | Easting    | Latitude  | Longitude   | Slot |
| 0.0                                   | 0.0   | 1367677.03 | 3145254.75 | 40.341503 | -104.978905 |      |
| RKB - 13' WELL @ 5013.0ft (RKB - 13') |       |            |            |           |             |      |

|  |           |                             |
|--|-----------|-----------------------------|
|  | RKB - 13' | WELL @ 5013.0ft (RKB - 13') |
|--|-----------|-----------------------------|

| WELLBORE TARGET DETAILS |  |  |  |  |  |  |  |  |  |
|-------------------------|--|--|--|--|--|--|--|--|--|
|-------------------------|--|--|--|--|--|--|--|--|--|

| Name                  | TVD    | +N/-S  | +E/-W | Shape |
|-----------------------|--------|--------|-------|-------|
| SHL 2183'FSL, 254'FWL | 1.0    | 0.0    | 0.0   | Point |
| BHL 460'FNL, 920'FWL  | 6900.0 | 2333.0 | 477.5 | Point |
| Turn Pt. (12-2NHZ)    | 6900.0 | 465.6  | 664.3 | Point |

| Name                  | TVD    | +N/-S  | +E/-W | Shape |
|-----------------------|--------|--------|-------|-------|
| SHL 2183'FSL, 254'FWL | 1.0    | 0.0    | 0.0   | Point |
| BHL 460'FNL, 920'FWL  | 6900.0 | 2333.0 | 477.5 | Point |
| Turn Pt. (12-2NHZ)    | 6900.0 | 465.6  | 664.3 | Point |

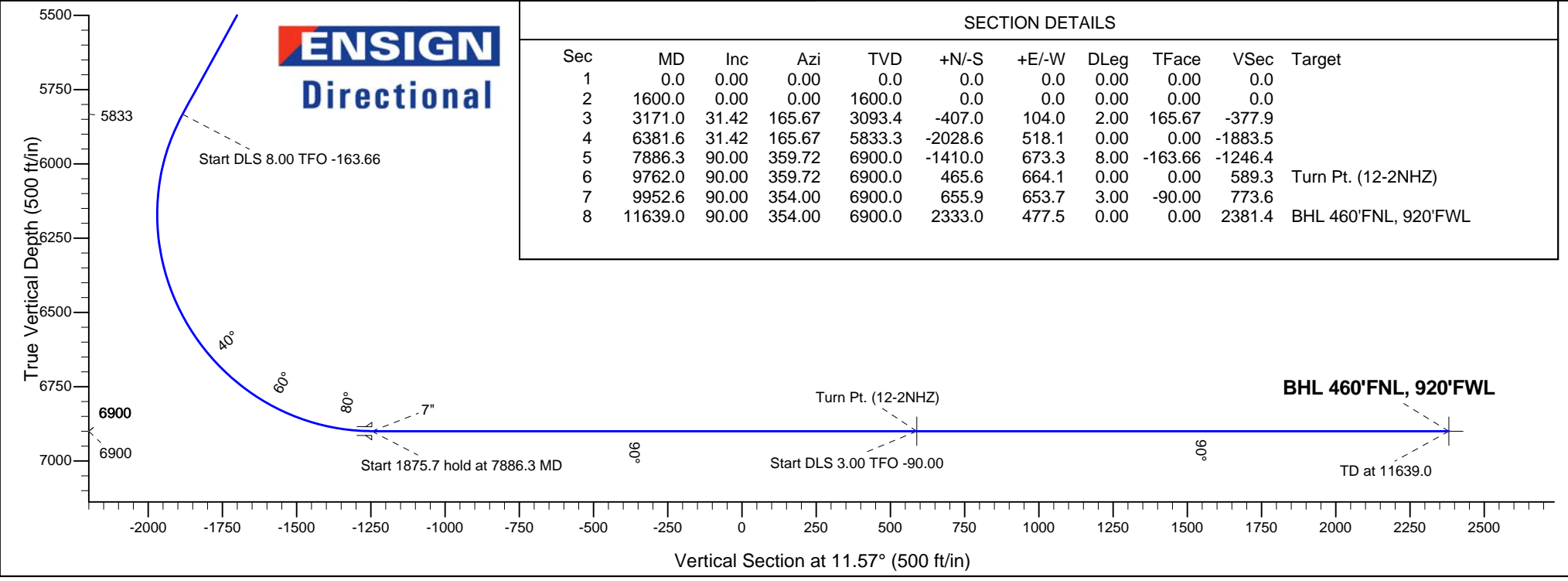
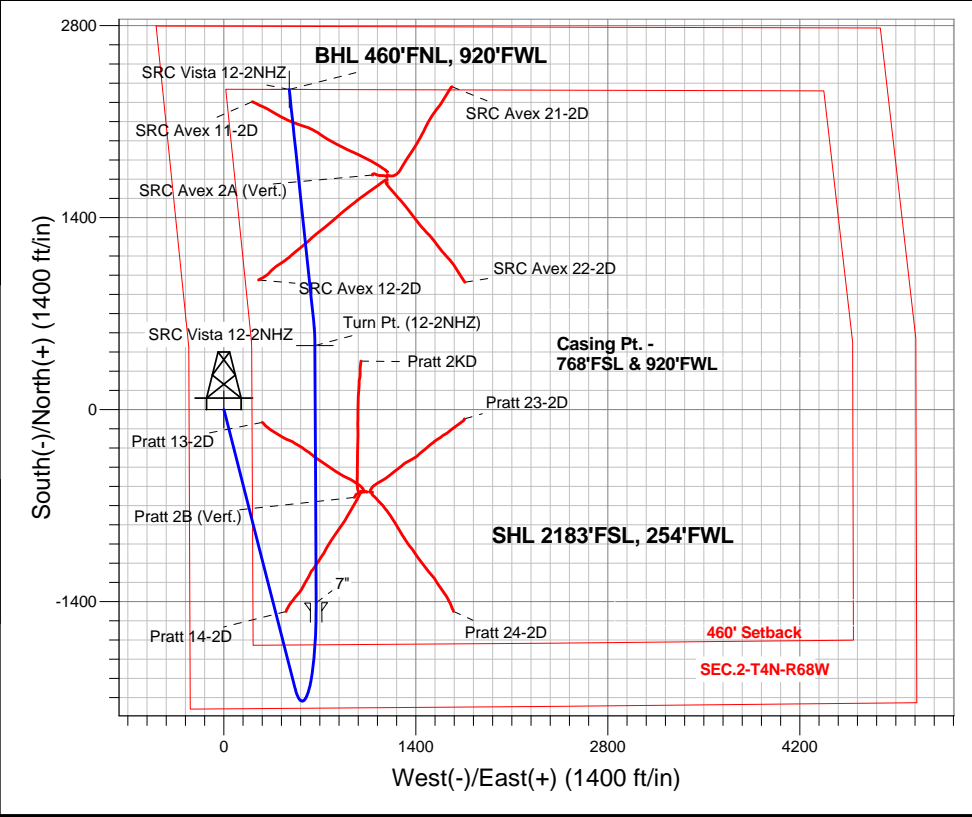


Magnetic Field  
Strength: 52717.7snT  
Dip Angle: 66.85°  
Date: 11/11/2014  
Model: IGRF2010

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SRC Vista (N/S) Pad Sec.2-T4N-R68W  
SRC Vista 12-2NHZ  
Plan #1 (11-07-14)  
8:38, November 11 2014

| ANNOTATIONS |         |                                |
|-------------|---------|--------------------------------|
| TVD         | MD      | Annotation                     |
| 1600.0      | 1600.0  | KOP - Start Build 2.00         |
| 5833.3      | 6381.6  | Start DLS 8.00 TFO -163.66     |
| 6900.0      | 7886.3  | Start 1875.7 hold at 7886.3 MD |
| 6900.0      | 9762.0  | Start DLS 3.00 TFO -90.00      |
| 6900.0      | 9952.6  | Start 1686.4 hold at 9952.6 MD |
| 6900.0      | 11639.0 | TD at 11639.0                  |





## **Synergy Resources**

**SEC.2-T4N-R68W**

**SRC Vista (N/S) Pad Sec.2-T4N-R68W**

**SRC Vista 12-2NHZ**

**Wellbore #1**

**Plan: Plan #1 (11-07-14)**

## **Standard Planning Report**

**11 November, 2014**

| Plan Sections             |                    |                |                           |               |               |                             |                            |                           |            |                    |
|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|----------------------------|---------------------------|------------|--------------------|
| Measured<br>Depth<br>(ft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(ft) | +N/-S<br>(ft) | +E/-W<br>(ft) | Dogleg<br>Rate<br>(°/100ft) | Build<br>Rate<br>(°/100ft) | Turn<br>Rate<br>(°/100ft) | TFO<br>(°) | Target             |
| 0.0                       | 0.00               | 0.00           | 0.0                       | 0.0           | 0.0           | 0.00                        | 0.00                       | 0.00                      | 0.00       |                    |
| 1,600.0                   | 0.00               | 0.00           | 1,600.0                   | 0.0           | 0.0           | 0.00                        | 0.00                       | 0.00                      | 0.00       |                    |
| 3,171.0                   | 31.42              | 165.67         | 3,093.4                   | -407.0        | 104.0         | 2.00                        | 2.00                       | 0.00                      | 165.67     |                    |
| 6,381.6                   | 31.42              | 165.67         | 5,833.3                   | -2,028.6      | 518.1         | 0.00                        | 0.00                       | 0.00                      | 0.00       |                    |
| 7,886.3                   | 90.00              | 359.72         | 6,900.0                   | -1,410.0      | 673.3         | 8.00                        | 3.89                       | -11.03                    | -163.66    |                    |
| 9,762.0                   | 90.00              | 359.72         | 6,900.0                   | 465.6         | 664.1         | 0.00                        | 0.00                       | 0.00                      | 0.00       | Turn Pt. (12-2NHZ) |
| 9,952.6                   | 90.00              | 354.00         | 6,900.0                   | 655.9         | 653.7         | 3.00                        | 0.00                       | -3.00                     | -90.00     |                    |
| 11,639.0                  | 90.00              | 354.00         | 6,900.0                   | 2,333.0       | 477.5         | 0.00                        | 0.00                       | 0.00                      | 0.00       | BHL 460'FNL, 920'  |

|                  |                                    |                                     |                             |
|------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Database:</b> | Landmark                           | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Company:</b>  | Synergy Resources                  | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Project:</b>  | SEC.2-T4N-R68W                     | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site:</b>     | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>North Reference:</b>             | True                        |
| <b>Well:</b>     | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Wellbore:</b> | Wellbore #1                        |                                     |                             |
| <b>Design:</b>   | Plan #1 (11-07-14)                 |                                     |                             |

| Planned Survey                |                 |             |                     |            |            |                       |                       |                      |                     |
|-------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft)           | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.0                           | 0.00            | 0.00        | 0.0                 | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1.0                           | 0.00            | 0.00        | 1.0                 | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| <b>SHL 2183'FSL, 254'FWL</b>  |                 |             |                     |            |            |                       |                       |                      |                     |
| 100.0                         | 0.00            | 0.00        | 100.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 200.0                         | 0.00            | 0.00        | 200.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 300.0                         | 0.00            | 0.00        | 300.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 400.0                         | 0.00            | 0.00        | 400.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 500.0                         | 0.00            | 0.00        | 500.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 600.0                         | 0.00            | 0.00        | 600.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 700.0                         | 0.00            | 0.00        | 700.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 800.0                         | 0.00            | 0.00        | 800.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 900.0                         | 0.00            | 0.00        | 900.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,000.0                       | 0.00            | 0.00        | 1,000.0             | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,100.0                       | 0.00            | 0.00        | 1,100.0             | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,200.0                       | 0.00            | 0.00        | 1,200.0             | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,300.0                       | 0.00            | 0.00        | 1,300.0             | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,400.0                       | 0.00            | 0.00        | 1,400.0             | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,500.0                       | 0.00            | 0.00        | 1,500.0             | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,600.0                       | 0.00            | 0.00        | 1,600.0             | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| <b>KOP - Start Build 2.00</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 1,700.0                       | 2.00            | 165.67      | 1,700.0             | -1.7       | 0.4        | -1.6                  | 2.00                  | 2.00                 | 0.00                |
| 1,800.0                       | 4.00            | 165.67      | 1,799.8             | -6.8       | 1.7        | -6.3                  | 2.00                  | 2.00                 | 0.00                |
| 1,900.0                       | 6.00            | 165.67      | 1,899.5             | -15.2      | 3.9        | -14.1                 | 2.00                  | 2.00                 | 0.00                |
| 2,000.0                       | 8.00            | 165.67      | 1,998.7             | -27.0      | 6.9        | -25.1                 | 2.00                  | 2.00                 | 0.00                |
| 2,100.0                       | 10.00           | 165.67      | 2,097.5             | -42.2      | 10.8       | -39.2                 | 2.00                  | 2.00                 | 0.00                |
| 2,200.0                       | 12.00           | 165.67      | 2,195.6             | -60.7      | 15.5       | -56.3                 | 2.00                  | 2.00                 | 0.00                |
| 2,300.0                       | 14.00           | 165.67      | 2,293.1             | -82.4      | 21.1       | -76.6                 | 2.00                  | 2.00                 | 0.00                |
| 2,400.0                       | 16.00           | 165.67      | 2,389.6             | -107.5     | 27.5       | -99.8                 | 2.00                  | 2.00                 | 0.00                |
| 2,500.0                       | 18.00           | 165.67      | 2,485.3             | -135.9     | 34.7       | -126.1                | 2.00                  | 2.00                 | 0.00                |
| 2,600.0                       | 20.00           | 165.67      | 2,579.8             | -167.4     | 42.8       | -155.4                | 2.00                  | 2.00                 | 0.00                |
| 2,700.0                       | 22.00           | 165.67      | 2,673.2             | -202.1     | 51.6       | -187.7                | 2.00                  | 2.00                 | 0.00                |
| 2,800.0                       | 24.00           | 165.67      | 2,765.2             | -240.0     | 61.3       | -222.8                | 2.00                  | 2.00                 | 0.00                |
| 2,900.0                       | 26.00           | 165.67      | 2,855.8             | -280.9     | 71.8       | -260.8                | 2.00                  | 2.00                 | 0.00                |
| 3,000.0                       | 28.00           | 165.67      | 2,944.9             | -324.9     | 83.0       | -301.7                | 2.00                  | 2.00                 | 0.00                |
| 3,100.0                       | 30.00           | 165.67      | 3,032.4             | -371.9     | 95.0       | -345.3                | 2.00                  | 2.00                 | 0.00                |
| 3,171.0                       | 31.42           | 165.67      | 3,093.4             | -407.0     | 104.0      | -377.9                | 2.00                  | 2.00                 | 0.00                |
| 3,200.0                       | 31.42           | 165.67      | 3,118.2             | -421.6     | 107.7      | -391.5                | 0.00                  | 0.00                 | 0.00                |
| 3,300.0                       | 31.42           | 165.67      | 3,203.5             | -472.2     | 120.6      | -438.4                | 0.00                  | 0.00                 | 0.00                |
| 3,400.0                       | 31.42           | 165.67      | 3,288.9             | -522.7     | 133.5      | -485.3                | 0.00                  | 0.00                 | 0.00                |
| 3,500.0                       | 31.42           | 165.67      | 3,374.2             | -573.2     | 146.4      | -532.2                | 0.00                  | 0.00                 | 0.00                |
| 3,600.0                       | 31.42           | 165.67      | 3,459.5             | -623.7     | 159.3      | -579.1                | 0.00                  | 0.00                 | 0.00                |
| 3,700.0                       | 31.42           | 165.67      | 3,544.9             | -674.2     | 172.2      | -626.0                | 0.00                  | 0.00                 | 0.00                |
| 3,800.0                       | 31.42           | 165.67      | 3,630.2             | -724.7     | 185.1      | -672.9                | 0.00                  | 0.00                 | 0.00                |
| 3,900.0                       | 31.42           | 165.67      | 3,715.5             | -775.2     | 198.0      | -719.8                | 0.00                  | 0.00                 | 0.00                |
| 4,000.0                       | 31.42           | 165.67      | 3,800.9             | -825.7     | 210.9      | -766.7                | 0.00                  | 0.00                 | 0.00                |
| 4,100.0                       | 31.42           | 165.67      | 3,886.2             | -876.2     | 223.8      | -813.6                | 0.00                  | 0.00                 | 0.00                |
| 4,200.0                       | 31.42           | 165.67      | 3,971.6             | -926.7     | 236.7      | -860.5                | 0.00                  | 0.00                 | 0.00                |
| 4,300.0                       | 31.42           | 165.67      | 4,056.9             | -977.2     | 249.6      | -907.4                | 0.00                  | 0.00                 | 0.00                |
| 4,400.0                       | 31.42           | 165.67      | 4,142.2             | -1,027.8   | 262.5      | -954.2                | 0.00                  | 0.00                 | 0.00                |
| 4,500.0                       | 31.42           | 165.67      | 4,227.6             | -1,078.3   | 275.4      | -1,001.1              | 0.00                  | 0.00                 | 0.00                |
| 4,600.0                       | 31.42           | 165.67      | 4,312.9             | -1,128.8   | 288.3      | -1,048.0              | 0.00                  | 0.00                 | 0.00                |
| 4,700.0                       | 31.42           | 165.67      | 4,398.2             | -1,179.3   | 301.2      | -1,094.9              | 0.00                  | 0.00                 | 0.00                |
| 4,800.0                       | 31.42           | 165.67      | 4,483.6             | -1,229.8   | 314.1      | -1,141.8              | 0.00                  | 0.00                 | 0.00                |
| 4,900.0                       | 31.42           | 165.67      | 4,568.9             | -1,280.3   | 327.0      | -1,188.7              | 0.00                  | 0.00                 | 0.00                |

|                  |                                    |                                     |                             |
|------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Database:</b> | Landmark                           | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Company:</b>  | Synergy Resources                  | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Project:</b>  | SEC.2-T4N-R68W                     | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site:</b>     | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>North Reference:</b>             | True                        |
| <b>Well:</b>     | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Wellbore:</b> | Wellbore #1                        |                                     |                             |
| <b>Design:</b>   | Plan #1 (11-07-14)                 |                                     |                             |

| Planned Survey                      |                 |             |                     |            |            |                       |                       |                      |                     |
|-------------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft)                 | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 5,000.0                             | 31.42           | 165.67      | 4,654.3             | -1,330.8   | 339.9      | -1,235.6              | 0.00                  | 0.00                 | 0.00                |
| 5,100.0                             | 31.42           | 165.67      | 4,739.6             | -1,381.3   | 352.8      | -1,282.5              | 0.00                  | 0.00                 | 0.00                |
| 5,200.0                             | 31.42           | 165.67      | 4,824.9             | -1,431.8   | 365.7      | -1,329.4              | 0.00                  | 0.00                 | 0.00                |
| 5,300.0                             | 31.42           | 165.67      | 4,910.3             | -1,482.3   | 378.6      | -1,376.3              | 0.00                  | 0.00                 | 0.00                |
| 5,400.0                             | 31.42           | 165.67      | 4,995.6             | -1,532.8   | 391.5      | -1,423.2              | 0.00                  | 0.00                 | 0.00                |
| 5,500.0                             | 31.42           | 165.67      | 5,080.9             | -1,583.3   | 404.4      | -1,470.1              | 0.00                  | 0.00                 | 0.00                |
| 5,600.0                             | 31.42           | 165.67      | 5,166.3             | -1,633.9   | 417.3      | -1,517.0              | 0.00                  | 0.00                 | 0.00                |
| 5,700.0                             | 31.42           | 165.67      | 5,251.6             | -1,684.4   | 430.2      | -1,563.9              | 0.00                  | 0.00                 | 0.00                |
| 5,800.0                             | 31.42           | 165.67      | 5,337.0             | -1,734.9   | 443.1      | -1,610.8              | 0.00                  | 0.00                 | 0.00                |
| 5,900.0                             | 31.42           | 165.67      | 5,422.3             | -1,785.4   | 456.0      | -1,657.7              | 0.00                  | 0.00                 | 0.00                |
| 6,000.0                             | 31.42           | 165.67      | 5,507.6             | -1,835.9   | 468.9      | -1,704.6              | 0.00                  | 0.00                 | 0.00                |
| 6,100.0                             | 31.42           | 165.67      | 5,593.0             | -1,886.4   | 481.8      | -1,751.5              | 0.00                  | 0.00                 | 0.00                |
| 6,200.0                             | 31.42           | 165.67      | 5,678.3             | -1,936.9   | 494.7      | -1,798.4              | 0.00                  | 0.00                 | 0.00                |
| 6,300.0                             | 31.42           | 165.67      | 5,763.6             | -1,987.4   | 507.6      | -1,845.3              | 0.00                  | 0.00                 | 0.00                |
| 6,381.6                             | 31.42           | 165.67      | 5,833.3             | -2,028.6   | 518.1      | -1,883.5              | 0.00                  | 0.00                 | 0.00                |
| Start DLS 8.00 TFO -163.66          |                 |             |                     |            |            |                       |                       |                      |                     |
| 6,400.0                             | 30.01           | 164.84      | 5,849.1             | -2,037.7   | 520.5      | -1,892.0              | 8.00                  | -7.66                | -4.50               |
| 6,500.0                             | 22.47           | 158.71      | 5,938.7             | -2,079.7   | 534.0      | -1,930.4              | 8.00                  | -7.54                | -6.13               |
| 6,600.0                             | 15.38           | 147.10      | 6,033.3             | -2,108.7   | 548.2      | -1,956.0              | 8.00                  | -7.09                | -11.62              |
| 6,700.0                             | 9.75            | 120.06      | 6,131.0             | -2,124.1   | 562.8      | -1,968.2              | 8.00                  | -5.63                | -27.04              |
| 6,800.0                             | 8.98            | 69.49       | 6,229.8             | -2,125.6   | 577.4      | -1,966.7              | 8.00                  | -0.77                | -50.57              |
| 6,900.0                             | 13.90           | 36.52       | 6,327.9             | -2,113.2   | 591.9      | -1,951.6              | 8.00                  | 4.92                 | -32.98              |
| 7,000.0                             | 20.81           | 22.68       | 6,423.3             | -2,087.1   | 605.9      | -1,923.3              | 8.00                  | 6.91                 | -13.84              |
| 7,100.0                             | 28.28           | 15.72       | 6,514.2             | -2,047.9   | 619.2      | -1,882.1              | 8.00                  | 7.47                 | -6.97               |
| 7,200.0                             | 35.97           | 11.51       | 6,598.8             | -1,996.2   | 631.5      | -1,829.1              | 8.00                  | 7.69                 | -4.21               |
| 7,300.0                             | 43.75           | 8.63        | 6,675.6             | -1,933.2   | 642.6      | -1,765.1              | 8.00                  | 7.79                 | -2.88               |
| 7,400.0                             | 51.59           | 6.47        | 6,742.8             | -1,859.9   | 652.2      | -1,691.4              | 8.00                  | 7.84                 | -2.16               |
| 7,500.0                             | 59.46           | 4.74        | 6,799.4             | -1,777.9   | 660.2      | -1,609.5              | 8.00                  | 7.87                 | -1.73               |
| 7,600.0                             | 67.35           | 3.27        | 6,844.1             | -1,688.8   | 666.4      | -1,520.9              | 8.00                  | 7.89                 | -1.47               |
| 7,700.0                             | 75.26           | 1.96        | 6,876.2             | -1,594.3   | 670.7      | -1,427.4              | 8.00                  | 7.90                 | -1.31               |
| 7,800.0                             | 83.17           | 0.74        | 6,894.9             | -1,496.1   | 673.0      | -1,330.8              | 8.00                  | 7.91                 | -1.22               |
| 7,886.3                             | 90.00           | 359.72      | 6,900.0             | -1,410.0   | 673.3      | -1,246.4              | 8.00                  | 7.91                 | -1.18               |
| Start 1875.7 hold at 7886.3 MD - 7" |                 |             |                     |            |            |                       |                       |                      |                     |
| 7,900.0                             | 90.00           | 359.72      | 6,900.0             | -1,396.3   | 673.2      | -1,233.0              | 0.02                  | 0.02                 | 0.00                |
| 8,000.0                             | 90.00           | 359.72      | 6,900.0             | -1,296.3   | 672.7      | -1,135.1              | 0.00                  | 0.00                 | 0.00                |
| 8,100.0                             | 90.00           | 359.72      | 6,900.0             | -1,196.3   | 672.3      | -1,037.3              | 0.00                  | 0.00                 | 0.00                |
| 8,200.0                             | 90.00           | 359.72      | 6,900.0             | -1,096.3   | 671.8      | -939.4                | 0.00                  | 0.00                 | 0.00                |
| 8,300.0                             | 90.00           | 359.72      | 6,900.0             | -996.3     | 671.3      | -841.5                | 0.00                  | 0.00                 | 0.00                |
| 8,400.0                             | 90.00           | 359.72      | 6,900.0             | -896.3     | 670.8      | -743.6                | 0.00                  | 0.00                 | 0.00                |
| 8,500.0                             | 90.00           | 359.72      | 6,900.0             | -796.3     | 670.3      | -645.8                | 0.00                  | 0.00                 | 0.00                |
| 8,600.0                             | 90.00           | 359.72      | 6,900.0             | -696.3     | 669.8      | -547.9                | 0.00                  | 0.00                 | 0.00                |
| 8,700.0                             | 90.00           | 359.72      | 6,900.0             | -596.3     | 669.3      | -450.0                | 0.00                  | 0.00                 | 0.00                |
| 8,800.0                             | 90.00           | 359.72      | 6,900.0             | -496.3     | 668.8      | -352.2                | 0.00                  | 0.00                 | 0.00                |
| 8,900.0                             | 90.00           | 359.72      | 6,900.0             | -396.3     | 668.3      | -254.3                | 0.00                  | 0.00                 | 0.00                |
| 9,000.0                             | 90.00           | 359.72      | 6,900.0             | -296.3     | 667.9      | -156.4                | 0.00                  | 0.00                 | 0.00                |
| 9,100.0                             | 90.00           | 359.72      | 6,900.0             | -196.4     | 667.4      | -58.6                 | 0.00                  | 0.00                 | 0.00                |
| 9,200.0                             | 90.00           | 359.72      | 6,900.0             | -96.4      | 666.9      | 39.3                  | 0.00                  | 0.00                 | 0.00                |
| 9,300.0                             | 90.00           | 359.72      | 6,900.0             | 3.6        | 666.4      | 137.2                 | 0.00                  | 0.00                 | 0.00                |
| 9,400.0                             | 90.00           | 359.72      | 6,900.0             | 103.6      | 665.9      | 235.1                 | 0.00                  | 0.00                 | 0.00                |
| 9,500.0                             | 90.00           | 359.72      | 6,900.0             | 203.6      | 665.4      | 332.9                 | 0.00                  | 0.00                 | 0.00                |
| 9,600.0                             | 90.00           | 359.72      | 6,900.0             | 303.6      | 664.9      | 430.8                 | 0.00                  | 0.00                 | 0.00                |
| 9,700.0                             | 90.00           | 359.72      | 6,900.0             | 403.6      | 664.4      | 528.7                 | 0.00                  | 0.00                 | 0.00                |
| 9,762.0                             | 90.00           | 359.72      | 6,900.0             | 465.6      | 664.1      | 589.3                 | 0.00                  | 0.00                 | 0.00                |

| Casing Points       |                     |    |      |                     |                   |
|---------------------|---------------------|----|------|---------------------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) |    | Name | Casing Diameter (") | Hole Diameter (") |
| 7,886.3             | 6,900.0             | 7" |      | 7                   | 7-1/2             |

|                  |                                    |                                     |                             |
|------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Database:</b> | Landmark                           | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Company:</b>  | Synergy Resources                  | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Project:</b>  | SEC.2-T4N-R68W                     | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site:</b>     | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>North Reference:</b>             | True                        |
| <b>Well:</b>     | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Wellbore:</b> | Wellbore #1                        |                                     |                             |
| <b>Design:</b>   | Plan #1 (11-07-14)                 |                                     |                             |

| Plan Annotations    |                     |                   |            |                                |
|---------------------|---------------------|-------------------|------------|--------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates |            | Comment                        |
|                     |                     | +N/-S (ft)        | +E/-W (ft) |                                |
| 1,600.0             | 1,600.0             | 0.0               | 0.0        | KOP - Start Build 2.00         |
| 6,381.6             | 5,833.3             | -407.0            | 104.0      | Start DLS 8.00 TFO -163.66     |
| 7,886.3             | 6,900.0             | -2,028.6          | 518.1      | Start 1875.7 hold at 7886.3 MD |
| 9,762.0             | 6,900.0             | -1,410.0          | 673.3      | Start DLS 3.00 TFO -90.00      |
| 9,952.6             | 6,900.0             | 465.6             | 664.1      | Start 1686.4 hold at 9952.6 MD |
| 11,639.0            | 6,900.0             | 655.9             | 653.7      | TD at 11639.0                  |



## **Synergy Resources**

**SEC.2-T4N-R68W**

**SRC Vista (N/S) Pad Sec.2-T4N-R68W**

**SRC Vista 12-2NHZ**

**Wellbore #1**

**Plan #1 (11-07-14)**

## **Anticollision Report**

**11 November, 2014**



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

|                                     |   |                       |                     |
|-------------------------------------|---|-----------------------|---------------------|
| <b>Reference</b>                    | Plan #1 (11-07-14)  |                       |                     |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                       |                     |
| <b>Interpolation Method:</b>        | Stations  | <b>Error Model:</b>   | ISCSWA              |
| <b>Depth Range:</b>                 | Unlimited   | <b>Scan Method:</b>   | Closest Approach 3D |
| <b>Results Limited by:</b>          | Maximum center-center distance of 1,000.0ft                         | <b>Error Surface:</b> | Elliptical Conic    |
| <b>Warning Levels Evaluated at:</b> | 2.00 Sigma  |                       |                     |

| Survey Tool Program |            | Date                             | 11/11/2014 |                |  |
|---------------------|------------|----------------------------------|------------|----------------|--|
| From<br>(ft)        | To<br>(ft) | Survey (Wellbore)                | Tool Name  | Description    |  |
| 0.0                 | 11,639.0   | Plan #1 (11-07-14) (Wellbore #1) | MWD        | MWD - Standard |  |

| Summary  |                               |                            |                               |                                |                   |              |
|--|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|--------------|
| Site Name  | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning      |
| Offset Well - Wellbore - Design                      |                               |                            |                               |                                |                   |              |
| Pratt 14-2D Pad Sec.2-T4N-R68W                       |                               |                            |                               |                                |                   |              |
| Pratt 13-2D - Wellbore #1 - Wellbore #1              | 9,152.2                       | 6,919.0                    | 331.4                         | 279.9                          | 6.438             | CC, ES, SF   |
| Pratt 14-2D - Wellbore #1 - Wellbore #1              | 7,900.0                       | 6,965.1                    | 172.3                         | 116.0                          | 3.063             | ES, SF       |
| Pratt 14-2D - Wellbore #1 - Wellbore #1              | 7,903.6                       | 6,964.6                    | 172.2                         | 116.0                          | 3.065             | CC           |
| Pratt 23-2D - Wellbore #1 - Wellbore #1              |                               |                            |                               |                                |                   | Out of range |
| Pratt 24-2D - Wellbore #1 - Wellbore #1              | 7,800.0                       | 6,911.9                    | 965.1                         | 908.0                          | 16.918            | SF           |
| Pratt 24-2D - Wellbore #1 - Wellbore #1              | 7,923.8                       | 6,900.5                    | 956.9                         | 900.7                          | 17.025            | CC, ES       |
| Pratt 2B (Vert.) - Wellbore #1 - Wellbore #1         | 8,655.9                       | 6,906.5                    | 285.4                         | 237.5                          | 5.966             | CC, ES, SF   |
| Pratt 2KD - Wellbore #1 - Wellbore #1                | 9,584.9                       | 6,967.8                    | 328.9                         | 269.7                          | 5.555             | CC, ES       |
| Pratt 2KD - Wellbore #1 - Wellbore #1                | 9,600.0                       | 6,969.7                    | 329.2                         | 269.9                          | 5.549             | SF           |
| SRC Avex 11-2D Pad Sec.2-T4N-R68W                    |                               |                            |                               |                                |                   |              |
| SRC Avex 11-2D - Wellbore #1 - Wellbore #1           | 11,548.9                      | 6,967.9                    | 231.8                         | 148.9                          | 2.795             | CC, ES, SF   |
| SRC Avex 12-2D - Wellbore #1 - Wellbore #1           | 10,352.5                      | 6,955.7                    | 252.2                         | 188.4                          | 3.953             | CC, ES, SF   |
| SRC Avex 21-2D - Wellbore #1 - Wellbore #1           |                               |                            |                               |                                |                   | Out of range |
| SRC Avex 22-2D - Wellbore #1 - Wellbore #1           |                               |                            |                               |                                |                   | Out of range |
| SRC Avex 2A (Vert.) - Wellbore #1 - Wellbore #1      | 10,957.1                      | 6,905.4                    | 536.8                         | 467.6                          | 7.751             | CC, ES       |
| SRC Avex 2A (Vert.) - Wellbore #1 - Wellbore #1      | 11,000.0                      | 6,905.2                    | 538.5                         | 468.6                          | 7.700             | SF           |
| SRC Vista (N/S) Pad Sec.2-T4N-R68W                   |                               |                            |                               |                                |                   |              |
| SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14) | 1,600.0                       | 1,600.0                    | 19.7                          | 12.7                           | 2.823             | CC, ES       |
| SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14) | 6,900.0                       | 6,892.6                    | 220.0                         | 134.4                          | 2.569             | SF           |
| SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14) | 1,600.0                       | 1,600.0                    | 39.7                          | 32.7                           | 5.699             | CC, ES       |
| SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14) | 11,639.0                      | 11,648.5                   | 439.7                         | 309.1                          | 3.365             | SF           |
| SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14) | 1,400.0                       | 1,400.0                    | 20.0                          | 14.0                           | 3.301             | CC, ES       |
| SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14) | 6,900.0                       | 6,823.3                    | 148.7                         | 61.1                           | 1.696             | SF           |
| SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14) | 600.0                         | 600.0                      | 100.2                         | 97.7                           | 40.521            | CC, ES       |
| SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14) | 6,600.0                       | 6,372.3                    | 865.0                         | 776.4                          | 9.759             | SF           |
| SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14) | 800.0                         | 800.0                      | 80.1                          | 76.8                           | 23.772            | CC, ES       |
| SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14) | 11,639.0                      | 11,664.0                   | 884.4                         | 749.6                          | 6.559             | SF           |
| SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)  | 1,000.0                       | 1,000.0                    | 60.1                          | 55.8                           | 14.076            | CC, ES       |
| SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)  | 6,750.0                       | 6,613.0                    | 519.0                         | 429.7                          | 5.811             | SF           |
| SRC Vista A-2NHZ - Wellbore #1 - Plan #1 (11-07-14)  | 1,200.0                       | 1,200.0                    | 40.1                          | 34.9                           | 7.751             | CC, ES       |
| SRC Vista A-2NHZ - Wellbore #1 - Plan #1 (11-07-14)  | 11,600.0                      | 11,639.7                   | 439.6                         | 306.5                          | 3.303             | SF           |
| SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)  | 200.0                         | 200.0                      | 140.3                         | 139.6                          | 208.007           | CC, ES       |
| SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)  | 5,400.0                       | 5,104.1                    | 990.7                         | 929.1                          | 16.085            | SF           |
| SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)  | 400.0                         | 400.0                      | 120.2                         | 118.6                          | 76.411            | CC, ES       |
| SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)  | 6,000.0                       | 5,720.3                    | 993.7                         | 919.2                          | 13.338            | SF           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0ft   |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 48-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0ft   |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 1,800.0                | 1,799.8             | 1,943.7             | 1,930.5             | 3.9             | 5.5         | -47.34                | -477.7                            | 859.0      | 986.3                | 978.2                 | 8.14                    | 121.159           |                    |         |
| 1,900.0                | 1,899.5             | 2,033.5             | 2,019.6             | 4.0             | 5.7         | -48.00                | -471.9                            | 849.5      | 968.1                | 959.6                 | 8.51                    | 113.800           |                    |         |
| 2,000.0                | 1,998.7             | 2,134.3             | 2,119.7             | 4.2             | 6.0         | -48.92                | -465.5                            | 839.2      | 947.9                | 939.0                 | 8.91                    | 106.398           |                    |         |
| 2,100.0                | 2,097.5             | 2,233.6             | 2,218.3             | 4.5             | 6.3         | -50.10                | -458.6                            | 828.7      | 925.2                | 915.9                 | 9.33                    | 99.150            |                    |         |
| 2,200.0                | 2,195.6             | 2,329.8             | 2,313.7             | 4.7             | 6.6         | -51.52                | -451.8                            | 818.5      | 900.4                | 890.7                 | 9.78                    | 92.082            |                    |         |
| 2,300.0                | 2,293.1             | 2,427.0             | 2,410.0             | 5.0             | 6.9         | -53.23                | -445.2                            | 807.9      | 873.7                | 863.5                 | 10.27                   | 85.060            |                    |         |
| 2,400.0                | 2,389.6             | 2,514.6             | 2,497.0             | 5.4             | 7.2         | -55.09                | -439.4                            | 798.3      | 845.6                | 834.8                 | 10.79                   | 78.349            |                    |         |
| 2,500.0                | 2,485.3             | 2,604.5             | 2,586.2             | 5.8             | 7.5         | -57.27                | -433.9                            | 789.0      | 816.8                | 805.5                 | 11.39                   | 71.708            |                    |         |
| 2,600.0                | 2,579.8             | 2,696.0             | 2,677.0             | 6.3             | 7.7         | -59.89                | -427.8                            | 779.6      | 787.0                | 774.9                 | 12.09                   | 65.108            |                    |         |
| 2,700.0                | 2,673.2             | 2,784.3             | 2,764.6             | 6.8             | 8.0         | -62.84                | -421.7                            | 770.6      | 756.8                | 744.0                 | 12.89                   | 58.718            |                    |         |
| 2,800.0                | 2,765.2             | 2,871.2             | 2,850.9             | 7.4             | 8.3         | -66.14                | -416.0                            | 762.0      | 727.1                | 713.3                 | 13.81                   | 52.645            |                    |         |
| 2,900.0                | 2,855.8             | 2,958.4             | 2,937.5             | 8.1             | 8.5         | -69.91                | -409.9                            | 753.4      | 698.1                | 683.2                 | 14.87                   | 46.947            |                    |         |
| 3,000.0                | 2,944.9             | 3,052.6             | 3,030.8             | 8.9             | 8.8         | -74.47                | -402.8                            | 743.4      | 670.0                | 653.9                 | 16.11                   | 41.585            |                    |         |
| 3,100.0                | 3,032.4             | 3,133.0             | 3,110.5             | 9.7             | 9.1         | -78.88                | -396.4                            | 734.1      | 643.9                | 626.5                 | 17.40                   | 37.003            |                    |         |
| 3,171.0                | 3,093.4             | 3,186.1             | 3,163.1             | 10.3            | 9.2         | -81.99                | -392.5                            | 728.3      | 628.0                | 609.6                 | 18.35                   | 34.229            |                    |         |
| 3,200.0                | 3,118.2             | 3,208.0             | 3,184.8             | 10.6            | 9.3         | -83.18                | -390.9                            | 726.0      | 622.3                | 603.5                 | 18.74                   | 33.213            |                    |         |
| 3,300.0                | 3,203.5             | 3,287.5             | 3,263.7             | 11.5            | 9.5         | -87.62                | -385.2                            | 717.8      | 606.1                | 586.0                 | 20.09                   | 30.167            |                    |         |
| 3,400.0                | 3,288.9             | 3,366.9             | 3,342.4             | 12.5            | 9.8         | -92.18                | -379.4                            | 709.5      | 595.7                | 574.2                 | 21.42                   | 27.804            |                    |         |
| 3,500.0                | 3,374.2             | 3,445.4             | 3,420.3             | 13.4            | 10.0        | -96.80                | -373.3                            | 701.4      | 591.4                | 568.7                 | 22.70                   | 26.052            |                    |         |
| 3,517.2                | 3,388.9             | 3,458.8             | 3,433.6             | 13.6            | 10.1        | -97.59                | -372.2                            | 700.0      | 591.3                | 568.4                 | 22.91                   | 25.806            |                    |         |
| 3,600.0                | 3,459.5             | 3,525.4             | 3,499.6             | 14.4            | 10.3        | -101.53               | -366.9                            | 693.0      | 593.4                | 569.5                 | 23.90                   | 24.831            |                    |         |
| 3,700.0                | 3,544.9             | 3,606.3             | 3,579.8             | 15.4            | 10.5        | -106.24               | -360.6                            | 684.5      | 601.4                | 576.4                 | 24.99                   | 24.070            |                    |         |
| 3,800.0                | 3,630.2             | 3,687.1             | 3,659.9             | 16.4            | 10.8        | -110.83               | -354.6                            | 675.9      | 615.2                | 589.2                 | 25.95                   | 23.705            |                    |         |
| 3,900.0                | 3,715.5             | 3,766.9             | 3,739.1             | 17.4            | 11.0        | -115.19               | -349.0                            | 667.4      | 634.3                | 607.6                 | 26.79                   | 23.678            |                    |         |
| 4,000.0                | 3,800.9             | 3,846.3             | 3,817.9             | 18.4            | 11.3        | -119.30               | -343.6                            | 659.3      | 658.5                | 631.0                 | 27.51                   | 23.935            |                    |         |
| 4,100.0                | 3,886.2             | 3,920.7             | 3,891.7             | 19.4            | 11.5        | -122.93               | -338.5                            | 652.1      | 687.5                | 659.3                 | 28.15                   | 24.424            |                    |         |
| 4,200.0                | 3,971.6             | 3,996.0             | 3,966.5             | 20.4            | 11.7        | -126.40               | -332.8                            | 645.2      | 720.9                | 692.2                 | 28.69                   | 25.125            |                    |         |
| 4,300.0                | 4,056.9             | 4,077.5             | 4,047.3             | 21.4            | 11.9        | -129.93               | -326.3                            | 637.4      | 757.8                | 728.7                 | 29.14                   | 26.007            |                    |         |
| 4,400.0                | 4,142.2             | 4,159.2             | 4,128.4             | 22.4            | 12.2        | -133.23               | -319.9                            | 629.1      | 797.4                | 767.9                 | 29.52                   | 27.016            |                    |         |
| 4,500.0                | 4,227.6             | 4,241.4             | 4,210.0             | 23.5            | 12.5        | -136.30               | -313.6                            | 620.7      | 839.3                | 809.4                 | 29.84                   | 28.125            |                    |         |
| 4,600.0                | 4,312.9             | 4,323.8             | 4,291.7             | 24.5            | 12.7        | -139.10               | -307.8                            | 612.6      | 883.1                | 853.0                 | 30.13                   | 29.310            |                    |         |
| 4,700.0                | 4,398.2             | 4,408.4             | 4,375.8             | 25.5            | 12.9        | -141.70               | -302.3                            | 604.8      | 928.4                | 898.1                 | 30.39                   | 30.550            |                    |         |
| 4,800.0                | 4,483.6             | 4,492.0             | 4,458.9             | 26.5            | 13.2        | -144.06               | -297.3                            | 597.0      | 974.9                | 944.2                 | 30.64                   | 31.815            |                    |         |
| 8,300.0                | 6,900.0             | 6,863.2             | 6,811.7             | 35.1            | 20.3        | -74.06                | -149.4                            | 344.0      | 912.7                | 863.5                 | 49.18                   | 18.557            |                    |         |
| 8,400.0                | 6,900.0             | 6,869.9             | 6,818.4             | 34.7            | 20.4        | -75.20                | -148.9                            | 343.2      | 820.5                | 771.4                 | 49.11                   | 16.708            |                    |         |
| 8,500.0                | 6,900.0             | 6,876.6             | 6,825.0             | 34.4            | 20.4        | -76.33                | -148.5                            | 342.5      | 730.4                | 681.2                 | 49.12                   | 14.868            |                    |         |
| 8,600.0                | 6,900.0             | 6,883.3             | 6,831.6             | 34.1            | 20.4        | -77.46                | -148.0                            | 341.8      | 643.0                | 593.8                 | 49.22                   | 13.064            |                    |         |
| 8,700.0                | 6,900.0             | 6,889.9             | 6,838.2             | 34.0            | 20.4        | -78.59                | -147.6                            | 341.0      | 559.9                | 510.5                 | 49.42                   | 11.330            |                    |         |
| 8,800.0                | 6,900.0             | 6,896.4             | 6,844.7             | 34.0            | 20.4        | -79.71                | -147.2                            | 340.3      | 483.1                | 433.4                 | 49.70                   | 9.719             |                    |         |
| 8,900.0                | 6,900.0             | 6,902.9             | 6,851.1             | 34.1            | 20.5        | -80.82                | -146.8                            | 339.6      | 416.1                | 366.0                 | 50.09                   | 8.308             |                    |         |
| 9,000.0                | 6,900.0             | 6,909.3             | 6,857.5             | 34.3            | 20.5        | -81.93                | -146.3                            | 338.9      | 364.5                | 314.0                 | 50.56                   | 7.210             |                    |         |
| 9,100.0                | 6,900.0             | 6,915.7             | 6,863.8             | 34.6            | 20.5        | -83.03                | -145.9                            | 338.2      | 335.4                | 284.3                 | 51.13                   | 6.561             |                    |         |
| 9,152.2                | 6,900.0             | 6,919.0             | 6,867.1             | 34.9            | 20.5        | -83.60                | -145.7                            | 337.8      | 331.4                | 279.9                 | 51.47                   | 6.438 CC, ES, SF  |                    |         |
| 9,200.0                | 6,900.0             | 6,922.0             | 6,870.1             | 35.1            | 20.5        | -84.12                | -145.5                            | 337.5      | 334.8                | 283.0                 | 51.79                   | 6.465             |                    |         |
| 9,300.0                | 6,900.0             | 6,929.0             | 6,877.0             | 35.7            | 20.5        | -85.32                | -145.1                            | 336.7      | 362.7                | 310.2                 | 52.54                   | 6.903             |                    |         |
| 9,400.0                | 6,900.0             | 6,935.1             | 6,883.0             | 36.4            | 20.6        | -86.38                | -144.7                            | 336.0      | 413.4                | 360.1                 | 53.36                   | 7.749             |                    |         |
| 9,500.0                | 6,900.0             | 6,942.1             | 6,889.9             | 37.1            | 20.6        | -87.57                | -144.3                            | 335.3      | 479.8                | 425.6                 | 54.26                   | 8.843             |                    |         |
| 9,600.0                | 6,900.0             | 6,949.1             | 6,896.9             | 38.0            | 20.6        | -88.78                | -143.8                            | 334.5      | 556.3                | 501.0                 | 55.23                   | 10.072            |                    |         |
| 9,700.0                | 6,900.0             | 6,956.2             | 6,904.0             | 39.0            | 20.6        | -90.00                | -143.3                            | 333.7      | 639.2                | 582.9                 | 56.26                   | 11.360            |                    |         |
| 9,762.0                | 6,900.0             | 6,960.7             | 6,908.4             | 39.6            | 20.6        | -90.76                | -143.0                            | 333.2      | 692.8                | 635.9                 | 56.93                   | 12.169            |                    |         |
| 9,800.0                | 6,900.0             | 6,963.5             | 6,911.2             | 39.9            | 20.6        | -91.19                | -142.9                            | 332.9      | 726.2                | 668.8                 | 57.35                   | 12.662            |                    |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| <b>Offset Design</b> Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1 |                        |                        |                        |                   |                |                          |   |   |                         |                          |                            | <b>Offset Site Error:</b> | 0.0 ft  |
|---|------------------------|------------------------|------------------------|-------------------|----------------|--------------------------|---|---|-------------------------|--------------------------|----------------------------|---------------------------|---------|
| Survey Program: 48-MWD  |                        |                        |                        |                   |                |                          |   |   |                         |                          |                            | <b>Offset Well Error:</b> | 0.0 ft  |
| Reference   | Offset                 | Semi Major Axis        |                        | Distance          |                |                          |   |   |                         |                          |                            |                           |         |
| Measured Depth<br>(ft)  | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | Offset Wellbore Centre<br>+E/-W<br>(ft) | Between Centres<br>(ft) | Between Ellipses<br>(ft) | Minimum Separation<br>(ft) | Separation Factor         | Warning |
| 9,900.0   | 6,900.0                | 6,971.3                | 6,919.0                | 40.7              | 20.7           | -92.24                   | -142.4                                  | 332.1                                   | 814.3                   | 756.0                    | 58.23                      | 13.984                    |         |
| 9,952.6   | 6,900.0                | 6,975.7                | 6,923.3                | 41.1              | 20.7           | -92.74                   | -142.1                                  | 331.7                                   | 860.7                   | 802.0                    | 58.68                      | 14.667                    |         |
| 10,000.0  | 6,900.0                | 6,979.8                | 6,927.3                | 41.6              | 20.7           | -93.31                   | -141.8                                  | 331.2                                   | 902.8                   | 843.6                    | 59.17                      | 15.258                    |         |
| 10,100.0  | 6,900.0                | 6,988.4                | 6,935.9                | 42.9              | 20.7           | -94.50                   | -141.2                                  | 330.3                                   | 993.2                   | 932.8                    | 60.42                      | 16.439                    |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design           |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |
|-------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Survey Program: 108-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |
| Reference               |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)     | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 2,800.0                 | 2,765.2             | 2,775.7             | 2,755.9             | 7.4             | 7.2         | -42.80                | -816.4                            | 878.3      | 1,000.0              | 986.5                 | 13.49                   | 74.143             |         |
| 2,900.0                 | 2,855.8             | 2,874.6             | 2,853.4             | 8.1             | 7.6         | -44.01                | -830.7                            | 869.7      | 969.1                | 954.8                 | 14.29                   | 67.836             |         |
| 3,000.0                 | 2,944.9             | 2,975.3             | 2,952.9             | 8.9             | 7.9         | -45.60                | -843.8                            | 861.1      | 935.3                | 920.1                 | 15.16                   | 61.699             |         |
| 3,100.0                 | 3,032.4             | 3,075.0             | 3,051.5             | 9.7             | 8.2         | -47.56                | -855.8                            | 852.2      | 898.7                | 882.6                 | 16.12                   | 55.769             |         |
| 3,171.0                 | 3,093.4             | 3,138.3             | 3,114.0             | 10.3            | 8.4         | -49.06                | -863.3                            | 846.2      | 871.4                | 854.6                 | 16.84                   | 51.741             |         |
| 3,200.0                 | 3,118.2             | 3,163.7             | 3,139.1             | 10.6            | 8.5         | -49.51                | -866.4                            | 843.8      | 860.2                | 843.0                 | 17.16                   | 50.118             |         |
| 3,300.0                 | 3,203.5             | 3,248.8             | 3,223.2             | 11.5            | 8.8         | -51.10                | -877.1                            | 835.6      | 821.9                | 803.6                 | 18.29                   | 44.945             |         |
| 3,400.0                 | 3,288.9             | 3,331.0             | 3,304.4             | 12.5            | 9.1         | -52.81                | -887.2                            | 828.7      | 785.0                | 765.6                 | 19.45                   | 40.367             |         |
| 3,500.0                 | 3,374.2             | 3,418.1             | 3,390.7             | 13.4            | 9.3         | -54.81                | -897.6                            | 822.1      | 749.6                | 729.0                 | 20.67                   | 36.264             |         |
| 3,600.0                 | 3,459.5             | 3,511.4             | 3,483.0             | 14.4            | 9.6         | -57.15                | -908.9                            | 815.1      | 715.3                | 693.4                 | 21.99                   | 32.529             |         |
| 3,700.0                 | 3,544.9             | 3,610.0             | 3,580.3             | 15.4            | 10.0        | -59.68                | -922.3                            | 805.7      | 681.1                | 657.7                 | 23.39                   | 29.115             |         |
| 3,800.0                 | 3,630.2             | 3,698.9             | 3,667.8             | 16.4            | 10.3        | -62.11                | -935.0                            | 796.6      | 647.5                | 622.7                 | 24.79                   | 26.115             |         |
| 3,900.0                 | 3,715.5             | 3,786.3             | 3,753.8             | 17.4            | 10.6        | -64.72                | -947.6                            | 787.8      | 615.4                | 589.2                 | 26.21                   | 23.478             |         |
| 4,000.0                 | 3,800.9             | 3,873.4             | 3,839.6             | 18.4            | 10.9        | -67.58                | -960.1                            | 779.6      | 585.3                | 557.7                 | 27.65                   | 21.169             |         |
| 4,100.0                 | 3,886.2             | 3,961.0             | 3,926.0             | 19.4            | 11.2        | -70.74                | -972.5                            | 771.8      | 557.4                | 528.3                 | 29.10                   | 19.156             |         |
| 4,200.0                 | 3,971.6             | 4,048.1             | 4,011.9             | 20.4            | 11.5        | -74.19                | -984.5                            | 764.4      | 532.0                | 501.5                 | 30.53                   | 17.424             |         |
| 4,300.0                 | 4,056.9             | 4,135.0             | 4,097.8             | 21.4            | 11.8        | -77.98                | -995.7                            | 757.7      | 509.7                | 477.8                 | 31.94                   | 15.958             |         |
| 4,400.0                 | 4,142.2             | 4,222.6             | 4,184.5             | 22.4            | 12.1        | -82.09                | -1,006.9                          | 751.4      | 490.7                | 457.4                 | 33.29                   | 14.742             |         |
| 4,500.0                 | 4,227.6             | 4,315.8             | 4,276.6             | 23.5            | 12.4        | -86.67                | -1,019.2                          | 744.7      | 475.0                | 440.4                 | 34.57                   | 13.742             |         |
| 4,600.0                 | 4,312.9             | 4,408.7             | 4,368.3             | 24.5            | 12.7        | -91.42                | -1,032.1                          | 737.3      | 462.1                | 426.4                 | 35.70                   | 12.942             |         |
| 4,700.0                 | 4,398.2             | 4,500.3             | 4,458.7             | 25.5            | 13.1        | -96.30                | -1,044.9                          | 729.9      | 452.6                | 416.0                 | 36.67                   | 12.343             |         |
| 4,800.0                 | 4,483.6             | 4,599.9             | 4,556.8             | 26.5            | 13.4        | -101.71               | -1,059.6                          | 720.7      | 446.0                | 408.6                 | 37.42                   | 11.920             |         |
| 4,900.0                 | 4,568.9             | 4,688.7             | 4,644.1             | 27.6            | 13.8        | -106.59               | -1,073.5                          | 711.8      | 442.5                | 404.5                 | 37.99                   | 11.646             |         |
| 4,922.8                 | 4,588.4             | 4,708.4             | 4,663.4             | 27.8            | 13.8        | -107.68               | -1,076.4                          | 709.9      | 442.3                | 404.2                 | 38.10                   | 11.611             |         |
| 5,000.0                 | 4,654.3             | 4,775.1             | 4,729.1             | 28.6            | 14.1        | -111.40               | -1,086.3                          | 703.6      | 443.8                | 405.4                 | 38.37                   | 11.567             |         |
| 5,100.0                 | 4,739.6             | 4,862.1             | 4,814.8             | 29.6            | 14.4        | -116.22               | -1,098.4                          | 695.7      | 450.0                | 411.5                 | 38.55                   | 11.674             |         |
| 5,200.0                 | 4,824.9             | 4,952.9             | 4,904.4             | 30.7            | 14.7        | -121.12               | -1,110.8                          | 687.6      | 460.6                | 422.1                 | 38.53                   | 11.954             |         |
| 5,300.0                 | 4,910.3             | 5,044.0             | 4,994.3             | 31.7            | 15.0        | -125.79               | -1,123.8                          | 679.5      | 474.7                | 436.3                 | 38.40                   | 12.362             |         |
| 5,400.0                 | 4,995.6             | 5,133.6             | 5,082.7             | 32.7            | 15.3        | -130.16               | -1,136.3                          | 671.2      | 492.1                | 453.9                 | 38.19                   | 12.887             |         |
| 5,500.0                 | 5,080.9             | 5,223.4             | 5,171.2             | 33.7            | 15.6        | -134.31               | -1,148.6                          | 662.7      | 512.8                | 474.9                 | 37.92                   | 13.524             |         |
| 5,600.0                 | 5,166.3             | 5,308.1             | 5,254.7             | 34.8            | 15.9        | -138.00               | -1,159.8                          | 654.4      | 536.6                | 498.9                 | 37.68                   | 14.239             |         |
| 5,700.0                 | 5,251.6             | 5,390.0             | 5,335.7             | 35.8            | 16.2        | -141.35               | -1,169.4                          | 646.5      | 564.1                | 526.7                 | 37.48                   | 15.053             |         |
| 5,800.0                 | 5,337.0             | 5,479.2             | 5,424.0             | 36.9            | 16.5        | -144.61               | -1,179.5                          | 638.9      | 594.5                | 557.3                 | 37.26                   | 15.959             |         |
| 5,900.0                 | 5,422.3             | 5,571.8             | 5,515.6             | 37.9            | 16.8        | -147.51               | -1,191.1                          | 632.9      | 626.3                | 589.1                 | 37.12                   | 16.871             |         |
| 6,000.0                 | 5,507.6             | 5,665.3             | 5,608.1             | 38.9            | 17.1        | -150.14               | -1,203.4                          | 627.0      | 658.9                | 621.9                 | 37.05                   | 17.784             |         |
| 6,100.0                 | 5,593.0             | 5,761.1             | 5,702.8             | 40.0            | 17.4        | -152.61               | -1,216.4                          | 620.5      | 692.1                | 655.1                 | 37.02                   | 18.695             |         |
| 6,200.0                 | 5,678.3             | 5,849.7             | 5,790.3             | 41.0            | 17.7        | -154.74               | -1,228.7                          | 613.9      | 726.1                | 689.0                 | 37.09                   | 19.578             |         |
| 6,300.0                 | 5,763.6             | 5,941.9             | 5,881.3             | 42.0            | 18.1        | -156.83               | -1,241.1                          | 606.3      | 761.2                | 724.0                 | 37.17                   | 20.478             |         |
| 6,381.6                 | 5,833.3             | 6,024.4             | 5,962.7             | 42.9            | 18.4        | -158.57               | -1,253.0                          | 599.2      | 789.7                | 752.5                 | 37.25                   | 21.203             |         |
| 6,400.0                 | 5,849.1             | 6,043.8             | 5,981.8             | 43.0            | 18.4        | -158.29               | -1,255.9                          | 597.5      | 795.9                | 758.5                 | 37.40                   | 21.279             |         |
| 6,450.0                 | 5,893.2             | 6,098.1             | 6,035.2             | 43.4            | 18.6        | -157.05               | -1,264.4                          | 592.7      | 810.3                | 772.5                 | 37.75                   | 21.461             |         |
| 6,500.0                 | 5,938.7             | 6,153.8             | 6,089.9             | 43.7            | 18.9        | -154.90               | -1,273.7                          | 587.9      | 820.9                | 782.9                 | 38.00                   | 21.602             |         |
| 6,550.0                 | 5,985.5             | 6,199.2             | 6,134.5             | 44.0            | 19.0        | -151.23               | -1,281.5                          | 583.8      | 828.1                | 790.0                 | 38.15                   | 21.710             |         |
| 6,600.0                 | 6,033.3             | 6,243.6             | 6,178.1             | 44.2            | 19.2        | -145.40               | -1,288.9                          | 579.8      | 832.3                | 794.1                 | 38.15                   | 21.817             |         |
| 6,650.0                 | 6,081.9             | 6,288.0             | 6,221.7             | 44.4            | 19.4        | -135.94               | -1,296.1                          | 575.8      | 833.3                | 795.3                 | 38.00                   | 21.932             |         |
| 6,700.0                 | 6,131.0             | 6,334.4             | 6,267.2             | 44.5            | 19.5        | -120.45               | -1,303.4                          | 571.3      | 831.2                | 793.5                 | 37.69                   | 22.055             |         |
| 6,750.0                 | 6,180.3             | 6,380.3             | 6,312.4             | 44.6            | 19.7        | -97.36                | -1,310.5                          | 566.6      | 826.0                | 788.8                 | 37.23                   | 22.189             |         |
| 6,800.0                 | 6,229.8             | 6,425.7             | 6,357.0             | 44.6            | 19.9        | -72.12                | -1,317.4                          | 561.7      | 817.6                | 781.0                 | 36.61                   | 22.333             |         |
| 6,850.0                 | 6,279.0             | 6,470.9             | 6,401.4             | 44.6            | 20.1        | -53.24                | -1,324.1                          | 556.7      | 806.1                | 770.2                 | 35.85                   | 22.484             |         |
| 6,900.0                 | 6,327.9             | 6,515.3             | 6,445.0             | 44.6            | 20.2        | -41.62                | -1,330.7                          | 551.9      | 791.5                | 756.6                 | 34.97                   | 22.636             |         |
| 6,950.0                 | 6,376.0             | 6,558.6             | 6,487.7             | 44.5            | 20.4        | -34.72                | -1,337.0                          | 547.2      | 774.0                | 740.0                 | 33.98                   | 22.780             |         |
| 7,000.0                 | 6,423.3             | 6,600.6             | 6,529.0             | 44.3            | 20.5        | -30.64                | -1,343.0                          | 542.6      | 753.6                | 720.6                 | 32.91                   | 22.894             |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| <b>Offset Design</b> Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 24-2D - Wellbore #1 - Wellbore #1 |                        |                        |                        |                   |                |                          |   |               |                         |                          |                            | <b>Offset Site Error:</b> | 0.0 ft  |
|---|------------------------|------------------------|------------------------|-------------------|----------------|--------------------------|---|---------------|-------------------------|--------------------------|----------------------------|---------------------------|---------|
| Survey Program: 250-MWD   |                        |                        |                        |                   |                |                          |   |               |                         |                          |                            | <b>Offset Well Error:</b> | 0.0 ft  |
| Reference   |                        | Offset                 |                        | Semi Major Axis   |                |                          | Distance                                |               |                         |                          |                            |                           |         |
| Measured Depth<br>(ft)  | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between Centres<br>(ft) | Between Ellipses<br>(ft) | Minimum Separation<br>(ft) | Separation Factor         | Warning |
| 7,650.0   | 6,861.8                | 6,897.6                | 6,821.0                | 39.8              | 21.9           | 81.37                    | -1,367.5                                | 1,626.5       | 997.2                   | 939.1                    | 58.13                      | 17.155                    |         |
| 7,700.0   | 6,876.2                | 6,905.9                | 6,829.2                | 39.4              | 21.9           | 83.14                    | -1,368.6                                | 1,627.1       | 984.0                   | 926.2                    | 57.75                      | 17.039                    |         |
| 7,750.0   | 6,887.2                | 6,910.7                | 6,833.9                | 39.0              | 21.9           | 84.45                    | -1,369.3                                | 1,627.5       | 973.2                   | 915.8                    | 57.39                      | 16.959                    |         |
| 7,800.0   | 6,894.9                | 6,911.9                | 6,835.2                | 38.5              | 21.9           | 85.27                    | -1,369.4                                | 1,627.6       | 965.1                   | 908.0                    | 57.05                      | 16.918 SF                 |         |
| 7,850.0   | 6,899.1                | 6,909.6                | 6,832.8                | 38.1              | 21.9           | 85.61                    | -1,369.1                                | 1,627.4       | 959.7                   | 903.0                    | 56.72                      | 16.919                    |         |
| 7,886.3   | 6,900.0                | 6,905.6                | 6,828.9                | 37.9              | 21.9           | 85.56                    | -1,368.6                                | 1,627.1       | 957.6                   | 901.1                    | 56.49                      | 16.951                    |         |
| 7,900.0   | 6,900.0                | 6,903.7                | 6,827.0                | 37.7              | 21.9           | 85.45                    | -1,368.3                                | 1,627.0       | 957.2                   | 900.8                    | 56.38                      | 16.976                    |         |
| 7,923.8   | 6,900.0                | 6,900.5                | 6,823.8                | 37.6              | 21.9           | 85.26                    | -1,367.9                                | 1,626.7       | 956.9                   | 900.7                    | 56.20                      | 17.025 CC, ES             |         |
| 8,000.0   | 6,900.0                | 6,890.0                | 6,813.5                | 37.0              | 21.8           | 84.63                    | -1,366.5                                | 1,625.8       | 959.8                   | 904.2                    | 55.62                      | 17.257                    |         |
| 8,100.0   | 6,900.0                | 6,876.2                | 6,799.8                | 36.3              | 21.8           | 83.81                    | -1,364.7                                | 1,624.7       | 972.7                   | 917.7                    | 54.94                      | 17.703                    |         |
| 8,200.0   | 6,900.0                | 6,862.2                | 6,786.0                | 35.7              | 21.7           | 82.98                    | -1,362.9                                | 1,623.5       | 995.2                   | 940.9                    | 54.36                      | 18.309                    |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 2B (Vert.) - Wellbore #1 - Wellbore #1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0 ft  |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 48-MWWD   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0 ft  |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 2,900.0   | 2,855.8             | 2,886.2             | 2,885.9             | 8.1             | 6.1         | -60.03                | -602.8                            | 1,008.1    | 990.5                | 976.9                 | 13.55                   | 73.109            |                    |         |
| 3,000.0   | 2,944.9             | 2,976.6             | 2,976.3             | 8.9             | 6.3         | -62.65                | -603.0                            | 1,005.4    | 963.8                | 949.4                 | 14.49                   | 66.523            |                    |         |
| 3,100.0   | 3,032.4             | 3,063.5             | 3,063.1             | 9.7             | 6.5         | -65.47                | -603.2                            | 1,002.7    | 937.2                | 921.6                 | 15.52                   | 60.365            |                    |         |
| 3,171.0   | 3,093.4             | 3,121.8             | 3,121.4             | 10.3            | 6.6         | -67.53                | -603.4                            | 1,001.1    | 918.7                | 902.4                 | 16.31                   | 56.321            |                    |         |
| 3,200.0   | 3,118.2             | 3,145.5             | 3,145.0             | 10.6            | 6.7         | -68.26                | -603.5                            | 1,000.4    | 911.4                | 894.7                 | 16.64                   | 54.755            |                    |         |
| 3,300.0   | 3,203.5             | 3,227.3             | 3,226.8             | 11.5            | 6.8         | -70.83                | -604.0                            | 998.4      | 887.9                | 870.0                 | 17.82                   | 49.829            |                    |         |
| 3,400.0   | 3,288.9             | 3,309.3             | 3,308.9             | 12.5            | 7.0         | -73.50                | -604.6                            | 996.7      | 867.2                | 848.2                 | 19.03                   | 45.580            |                    |         |
| 3,500.0   | 3,374.2             | 3,391.7             | 3,391.3             | 13.4            | 7.2         | -76.26                | -605.4                            | 995.2      | 849.5                | 829.3                 | 20.26                   | 41.938            |                    |         |
| 3,600.0   | 3,459.5             | 3,474.4             | 3,473.9             | 14.4            | 7.3         | -79.10                | -606.4                            | 994.1      | 835.0                | 813.5                 | 21.50                   | 38.837            |                    |         |
| 3,700.0   | 3,544.9             | 3,560.5             | 3,560.0             | 15.4            | 7.5         | -82.11                | -607.6                            | 993.1      | 823.6                | 800.9                 | 22.75                   | 36.196            |                    |         |
| 3,800.0   | 3,630.2             | 3,648.1             | 3,647.6             | 16.4            | 7.7         | -85.25                | -608.6                            | 991.8      | 815.2                | 791.2                 | 24.00                   | 33.963            |                    |         |
| 3,900.0   | 3,715.5             | 3,735.6             | 3,735.0             | 17.4            | 7.9         | -88.42                | -609.5                            | 990.4      | 809.7                | 784.5                 | 25.22                   | 32.101            |                    |         |
| 4,000.0   | 3,800.9             | 3,822.8             | 3,822.2             | 18.4            | 8.1         | -91.63                | -610.3                            | 988.8      | 807.4                | 780.9                 | 26.41                   | 30.571            |                    |         |
| 4,024.7   | 3,822.0             | 3,844.3             | 3,843.7             | 18.6            | 8.1         | -92.42                | -610.4                            | 988.3      | 807.3                | 780.6                 | 26.69                   | 30.240            |                    |         |
| 4,100.0   | 3,886.2             | 3,909.8             | 3,909.2             | 19.4            | 8.3         | -94.84                | -610.9                            | 986.9      | 808.2                | 780.6                 | 27.55                   | 29.337            |                    |         |
| 4,200.0   | 3,971.6             | 3,996.5             | 3,995.9             | 20.4            | 8.4         | -98.04                | -611.3                            | 984.8      | 812.2                | 783.5                 | 28.63                   | 28.366            |                    |         |
| 4,300.0   | 4,056.9             | 4,082.7             | 4,082.1             | 21.4            | 8.6         | -101.19               | -611.8                            | 982.6      | 819.3                | 789.7                 | 29.66                   | 27.627            |                    |         |
| 4,400.0   | 4,142.2             | 4,168.9             | 4,168.2             | 22.4            | 8.8         | -104.29               | -612.3                            | 980.3      | 829.7                | 799.1                 | 30.62                   | 27.095            |                    |         |
| 4,500.0   | 4,227.6             | 4,255.2             | 4,254.5             | 23.5            | 9.0         | -107.33               | -613.0                            | 978.0      | 843.0                | 811.5                 | 31.52                   | 26.748            |                    |         |
| 4,600.0   | 4,312.9             | 4,341.7             | 4,340.9             | 24.5            | 9.2         | -110.28               | -613.8                            | 975.7      | 859.2                | 826.9                 | 32.35                   | 26.562            |                    |         |
| 4,700.0   | 4,398.2             | 4,428.3             | 4,427.5             | 25.5            | 9.4         | -113.14               | -614.7                            | 973.3      | 878.1                | 845.0                 | 33.11                   | 26.518            |                    |         |
| 4,800.0   | 4,483.6             | 4,515.0             | 4,514.2             | 26.5            | 9.6         | -115.91               | -615.8                            | 970.8      | 899.5                | 865.6                 | 33.82                   | 26.598            |                    |         |
| 4,900.0   | 4,568.9             | 4,598.6             | 4,597.8             | 27.6            | 9.8         | -118.46               | -616.9                            | 968.6      | 923.2                | 888.8                 | 34.47                   | 26.784            |                    |         |
| 5,000.0   | 4,654.3             | 4,681.6             | 4,680.7             | 28.6            | 9.9         | -120.88               | -618.0                            | 966.7      | 949.5                | 914.4                 | 35.08                   | 27.068            |                    |         |
| 5,100.0   | 4,739.6             | 4,764.6             | 4,763.7             | 29.6            | 10.1        | -123.18               | -619.1                            | 965.2      | 977.9                | 942.3                 | 35.64                   | 27.437            |                    |         |
| 7,700.0   | 6,876.2             | 6,887.2             | 6,886.2             | 39.4            | 14.5        | 46.39                 | -639.0                            | 955.0      | 996.7                | 953.9                 | 42.82                   | 23.276            |                    |         |
| 7,750.0   | 6,887.2             | 6,898.0             | 6,897.0             | 39.0            | 14.6        | 57.73                 | -639.0                            | 954.9      | 949.6                | 902.8                 | 46.84                   | 20.276            |                    |         |
| 7,800.0   | 6,894.9             | 6,905.4             | 6,904.4             | 38.5            | 14.6        | 70.32                 | -639.0                            | 954.9      | 902.3                | 852.4                 | 49.84                   | 18.104            |                    |         |
| 7,850.0   | 6,899.1             | 6,909.4             | 6,908.4             | 38.1            | 14.6        | 82.81                 | -639.1                            | 954.9      | 855.0                | 803.9                 | 51.06                   | 16.745            |                    |         |
| 7,886.3   | 6,900.0             | 6,910.1             | 6,909.1             | 37.9            | 14.6        | 91.02                 | -639.1                            | 954.9      | 820.8                | 769.9                 | 50.88                   | 16.133            |                    |         |
| 7,900.0   | 6,900.0             | 6,910.1             | 6,909.0             | 37.7            | 14.6        | 91.01                 | -639.1                            | 954.9      | 808.0                | 757.2                 | 50.77                   | 15.913            |                    |         |
| 8,000.0   | 6,900.0             | 6,909.6             | 6,908.6             | 37.0            | 14.6        | 90.92                 | -639.1                            | 954.9      | 715.3                | 665.2                 | 50.06                   | 14.290            |                    |         |
| 8,100.0   | 6,900.0             | 6,909.1             | 6,908.1             | 36.3            | 14.6        | 90.82                 | -639.1                            | 954.9      | 624.9                | 575.4                 | 49.43                   | 12.641            |                    |         |
| 8,200.0   | 6,900.0             | 6,908.7             | 6,907.6             | 35.7            | 14.6        | 90.73                 | -639.1                            | 954.9      | 537.8                | 488.9                 | 48.90                   | 10.999            |                    |         |
| 8,300.0   | 6,900.0             | 6,908.2             | 6,907.1             | 35.1            | 14.6        | 90.63                 | -639.1                            | 954.9      | 456.2                | 407.7                 | 48.47                   | 9.411             |                    |         |
| 8,400.0   | 6,900.0             | 6,907.7             | 6,906.7             | 34.7            | 14.6        | 90.54                 | -639.1                            | 954.9      | 383.3                | 335.1                 | 48.15                   | 7.961             |                    |         |
| 8,500.0   | 6,900.0             | 6,907.2             | 6,906.2             | 34.4            | 14.6        | 90.44                 | -639.1                            | 954.9      | 325.2                | 277.2                 | 47.93                   | 6.784             |                    |         |
| 8,600.0   | 6,900.0             | 6,906.8             | 6,905.7             | 34.1            | 14.6        | 90.35                 | -639.1                            | 954.9      | 290.8                | 243.0                 | 47.83                   | 6.080             |                    |         |
| 8,655.9   | 6,900.0             | 6,906.5             | 6,905.5             | 34.1            | 14.6        | 90.29                 | -639.0                            | 954.9      | 285.4                | 237.5                 | 47.83                   | 5.966 CC, ES, SF  |                    |         |
| 8,700.0   | 6,900.0             | 6,906.3             | 6,905.2             | 34.0            | 14.6        | 90.25                 | -639.0                            | 954.9      | 288.7                | 240.9                 | 47.83                   | 6.037             |                    |         |
| 8,800.0   | 6,900.0             | 6,905.8             | 6,904.8             | 34.0            | 14.6        | 90.16                 | -639.0                            | 954.9      | 319.7                | 271.7                 | 47.94                   | 6.668             |                    |         |
| 8,900.0   | 6,900.0             | 6,905.3             | 6,904.3             | 34.1            | 14.6        | 90.06                 | -639.0                            | 954.9      | 375.5                | 327.3                 | 48.17                   | 7.796             |                    |         |
| 9,000.0   | 6,900.0             | 6,904.9             | 6,903.8             | 34.3            | 14.6        | 89.97                 | -639.0                            | 954.9      | 447.0                | 398.5                 | 48.50                   | 9.217             |                    |         |
| 9,100.0   | 6,900.0             | 6,904.4             | 6,903.4             | 34.6            | 14.6        | 89.87                 | -639.0                            | 954.9      | 527.9                | 478.9                 | 48.94                   | 10.786            |                    |         |
| 9,200.0   | 6,900.0             | 6,903.9             | 6,902.9             | 35.1            | 14.6        | 89.78                 | -639.0                            | 954.9      | 614.4                | 564.9                 | 49.48                   | 12.418            |                    |         |
| 9,300.0   | 6,900.0             | 6,903.4             | 6,902.4             | 35.7            | 14.6        | 89.68                 | -639.0                            | 954.9      | 704.5                | 654.4                 | 50.11                   | 14.059            |                    |         |
| 9,400.0   | 6,900.0             | 6,903.0             | 6,901.9             | 36.4            | 14.6        | 89.58                 | -639.0                            | 954.9      | 796.9                | 746.1                 | 50.83                   | 15.677            |                    |         |
| 9,500.0   | 6,900.0             | 6,902.5             | 6,901.5             | 37.1            | 14.6        | 89.49                 | -639.0                            | 954.9      | 891.0                | 839.4                 | 51.64                   | 17.253            |                    |         |
| 9,600.0   | 6,900.0             | 6,902.0             | 6,901.0             | 38.0            | 14.6        | 89.39                 | -639.0                            | 954.9      | 986.3                | 933.7                 | 52.53                   | 18.774            |                    |         |



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 2KD - Wellbore #1 - Wellbore #1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |
| Survey Program: 48-MWD   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                    |         |
| Reference  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 2,400.0  | 2,389.6             | 2,459.2             | 2,441.5             | 5.4             | 6.6         | -61.97                | -368.0                            | 974.5      | 983.4                | 971.7                 | 11.69                   | 84.106             |         |
| 2,500.0  | 2,485.3             | 2,546.9             | 2,527.9             | 5.8             | 6.9         | -64.52                | -352.5                            | 974.2      | 965.0                | 952.6                 | 12.41                   | 77.762             |         |
| 2,600.0  | 2,579.8             | 2,631.4             | 2,611.2             | 6.3             | 7.2         | -67.17                | -338.2                            | 974.0      | 947.2                | 934.1                 | 13.18                   | 71.848             |         |
| 2,700.0  | 2,673.2             | 2,712.2             | 2,690.9             | 6.8             | 7.4         | -69.89                | -325.0                            | 974.2      | 930.8                | 916.8                 | 14.02                   | 66.412             |         |
| 2,800.0  | 2,765.2             | 2,794.9             | 2,772.4             | 7.4             | 7.7         | -72.83                | -311.8                            | 974.7      | 916.2                | 901.3                 | 14.93                   | 61.358             |         |
| 2,900.0  | 2,855.8             | 2,878.0             | 2,854.6             | 8.1             | 8.0         | -75.90                | -299.6                            | 975.2      | 903.7                | 887.7                 | 15.93                   | 56.735             |         |
| 3,000.0  | 2,944.9             | 2,956.7             | 2,932.6             | 8.9             | 8.2         | -78.95                | -288.6                            | 975.9      | 893.7                | 876.8                 | 16.97                   | 52.661             |         |
| 3,100.0  | 3,032.4             | 3,037.9             | 3,013.0             | 9.7             | 8.5         | -82.19                | -277.3                            | 976.8      | 887.1                | 869.0                 | 18.09                   | 49.029             |         |
| 3,171.0  | 3,093.4             | 3,096.9             | 3,071.4             | 10.3            | 8.7         | -84.62                | -269.0                            | 977.2      | 884.4                | 865.4                 | 18.93                   | 46.723             |         |
| 3,200.0  | 3,118.2             | 3,120.7             | 3,095.0             | 10.6            | 8.8         | -85.60                | -265.6                            | 977.3      | 883.8                | 864.5                 | 19.27                   | 45.857             |         |
| 3,232.6  | 3,146.0             | 3,147.6             | 3,121.6             | 10.9            | 8.8         | -86.71                | -261.8                            | 977.3      | 883.6                | 863.9                 | 19.66                   | 44.938             |         |
| 3,300.0  | 3,203.5             | 3,203.5             | 3,176.9             | 11.5            | 9.0         | -89.00                | -253.9                            | 977.3      | 884.5                | 864.1                 | 20.45                   | 43.243             |         |
| 3,400.0  | 3,288.9             | 3,283.5             | 3,256.2             | 12.5            | 9.3         | -92.26                | -243.1                            | 977.0      | 889.3                | 867.7                 | 21.60                   | 41.166             |         |
| 3,500.0  | 3,374.2             | 3,358.7             | 3,330.7             | 13.4            | 9.5         | -95.29                | -232.9                            | 976.8      | 898.5                | 875.8                 | 22.71                   | 39.571             |         |
| 3,600.0  | 3,459.5             | 3,433.7             | 3,405.0             | 14.4            | 9.7         | -98.27                | -222.6                            | 976.7      | 912.3                | 888.5                 | 23.77                   | 38.372             |         |
| 3,700.0  | 3,544.9             | 3,509.0             | 3,479.6             | 15.4            | 10.0        | -101.20               | -212.1                            | 976.9      | 930.3                | 905.5                 | 24.80                   | 37.515             |         |
| 3,800.0  | 3,630.2             | 3,582.1             | 3,551.9             | 16.4            | 10.2        | -103.98               | -201.7                            | 977.2      | 952.5                | 926.7                 | 25.78                   | 36.950             |         |
| 3,900.0  | 3,715.5             | 3,655.4             | 3,624.4             | 17.4            | 10.5        | -106.70               | -190.9                            | 977.5      | 978.6                | 951.9                 | 26.71                   | 36.641             |         |
| 8,700.0  | 6,900.0             | 6,853.5             | 6,787.8             | 34.0            | 21.0        | 70.86                 | 275.1                             | 994.2      | 937.0                | 884.0                 | 53.01                   | 17.676             |         |
| 8,800.0  | 6,900.0             | 6,866.7             | 6,800.8             | 34.0            | 21.0        | 72.91                 | 276.8                             | 994.1      | 844.9                | 791.3                 | 53.56                   | 15.774             |         |
| 8,900.0  | 6,900.0             | 6,879.8             | 6,813.8             | 34.1            | 21.0        | 74.99                 | 278.6                             | 994.0      | 754.6                | 700.4                 | 54.16                   | 13.933             |         |
| 9,000.0  | 6,900.0             | 6,892.8             | 6,826.7             | 34.3            | 21.1        | 77.11                 | 280.3                             | 994.0      | 666.7                | 611.9                 | 54.79                   | 12.169             |         |
| 9,100.0  | 6,900.0             | 6,905.8             | 6,839.6             | 34.6            | 21.1        | 79.25                 | 282.0                             | 993.9      | 582.5                | 527.1                 | 55.46                   | 10.503             |         |
| 9,200.0  | 6,900.0             | 6,918.7             | 6,852.3             | 35.1            | 21.2        | 81.41                 | 283.7                             | 993.9      | 503.8                | 447.6                 | 56.17                   | 8.969              |         |
| 9,300.0  | 6,900.0             | 6,931.5             | 6,865.1             | 35.7            | 21.2        | 83.59                 | 285.4                             | 993.8      | 433.6                | 376.6                 | 56.92                   | 7.617              |         |
| 9,400.0  | 6,900.0             | 6,944.3             | 6,877.7             | 36.4            | 21.2        | 85.78                 | 287.1                             | 993.8      | 376.5                | 318.8                 | 57.69                   | 6.526              |         |
| 9,500.0  | 6,900.0             | 6,957.0             | 6,890.4             | 37.1            | 21.3        | 87.97                 | 288.8                             | 993.8      | 339.5                | 281.0                 | 58.50                   | 5.803              |         |
| 9,584.9  | 6,900.0             | 6,967.8             | 6,901.0             | 37.9            | 21.3        | 89.83                 | 290.2                             | 993.8      | 328.9                | 269.7                 | 59.20                   | 5.555 CC, ES       |         |
| 9,600.0  | 6,900.0             | 6,969.7             | 6,902.9             | 38.0            | 21.3        | 90.16                 | 290.4                             | 993.9      | 329.2                | 269.9                 | 59.32                   | 5.549 SF           |         |
| 9,700.0  | 6,900.0             | 6,982.3             | 6,915.4             | 39.0            | 21.4        | 92.33                 | 292.0                             | 993.9      | 348.1                | 287.9                 | 60.16                   | 5.786              |         |
| 9,762.0  | 6,900.0             | 6,989.8             | 6,922.9             | 39.6            | 21.4        | 93.63                 | 293.0                             | 993.9      | 372.8                | 312.1                 | 60.69                   | 6.143              |         |
| 9,800.0  | 6,900.0             | 6,994.4             | 6,927.4             | 39.9            | 21.4        | 94.47                 | 293.6                             | 993.9      | 392.3                | 331.4                 | 60.93                   | 6.439              |         |
| 9,900.0  | 6,900.0             | 7,006.0             | 6,938.9             | 40.7            | 21.4        | 96.78                 | 295.0                             | 994.0      | 457.2                | 396.0                 | 61.28                   | 7.461              |         |
| 9,952.6  | 6,900.0             | 7,012.0             | 6,944.8             | 41.1            | 21.4        | 98.11                 | 295.8                             | 994.0      | 497.3                | 435.9                 | 61.43                   | 8.095              |         |
| 10,000.0   | 6,900.0             | 7,017.2             | 6,950.0             | 41.6            | 21.5        | 99.07                 | 296.4                             | 994.0      | 535.6                | 473.8                 | 61.78                   | 8.669              |         |
| 10,100.0   | 6,900.0             | 7,028.0             | 6,960.7             | 42.9            | 21.5        | 101.04                | 297.7                             | 994.1      | 620.3                | 557.6                 | 62.72                   | 9.890              |         |
| 10,200.0   | 6,900.0             | 7,038.4             | 6,971.1             | 44.2            | 21.5        | 102.91                | 298.9                             | 994.2      | 708.9                | 645.2                 | 63.68                   | 11.132             |         |
| 10,300.0   | 6,900.0             | 7,048.4             | 6,981.0             | 45.6            | 21.6        | 104.69                | 300.1                             | 994.2      | 800.0                | 735.4                 | 64.65                   | 12.375             |         |
| 10,400.0   | 6,900.0             | 7,058.1             | 6,990.7             | 47.0            | 21.6        | 106.38                | 301.2                             | 994.3      | 892.9                | 827.3                 | 65.63                   | 13.606             |         |
| 10,500.0   | 6,900.0             | 7,067.5             | 7,000.0             | 48.5            | 21.6        | 107.99                | 302.3                             | 994.4      | 987.1                | 920.4                 | 66.62                   | 14.817             |         |



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| <b>Offset Design</b>   |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               | <b>Offset Site Error:</b> | 0.0 ft  |
|--|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|-------------------------------|---------------------------|---------|
| SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 11-2D - Wellbore #1 - Wellbore #1 |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               | <b>Offset Well Error:</b> | 0.0 ft  |
| Survey Program: 171-MWD  |                        |                        |                        |                   |                |                             |   |               |                            |                             |                               |                           |         |
| Reference  |                        | Offset                 |                        | Semi Major Axis   |                |                             | Distance                                |               |                            |                             |                               |                           |         |
| Measured Depth<br>(ft)   | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Minimum<br>Separation<br>(ft) | Separation<br>Factor      | Warning |
| 10,600.0   | 6,900.0                | 6,877.8                | 6,784.8                | 50.0              | 23.4           | -61.21                      | 2,212.8                                 | 272.1         | 972.9                      | 910.5                       | 62.36                         | 15.602                    |         |
| 10,700.0   | 6,900.0                | 6,887.1                | 6,793.9                | 51.5              | 23.5           | -63.23                      | 2,213.5                                 | 270.6         | 876.5                      | 812.0                       | 64.46                         | 13.597                    |         |
| 10,800.0   | 6,900.0                | 6,896.3                | 6,803.0                | 53.0              | 23.5           | -65.31                      | 2,214.2                                 | 269.1         | 780.9                      | 714.3                       | 66.61                         | 11.724                    |         |
| 10,900.0   | 6,900.0                | 6,905.6                | 6,812.1                | 54.6              | 23.5           | -67.42                      | 2,214.9                                 | 267.7         | 686.5                      | 617.7                       | 68.78                         | 9.980                     |         |
| 11,000.0   | 6,900.0                | 6,914.8                | 6,821.2                | 56.2              | 23.6           | -69.58                      | 2,215.5                                 | 266.3         | 593.7                      | 522.7                       | 70.97                         | 8.365                     |         |
| 11,100.0   | 6,900.0                | 6,924.1                | 6,830.3                | 57.8              | 23.6           | -71.77                      | 2,216.2                                 | 264.8         | 503.5                      | 430.3                       | 73.17                         | 6.881                     |         |
| 11,200.0   | 6,900.0                | 6,933.8                | 6,839.9                | 59.5              | 23.6           | -74.11                      | 2,217.0                                 | 263.3         | 417.7                      | 342.3                       | 75.40                         | 5.539                     |         |
| 11,300.0   | 6,900.0                | 6,944.1                | 6,850.1                | 61.1              | 23.7           | -76.61                      | 2,217.7                                 | 261.8         | 339.3                      | 261.7                       | 77.64                         | 4.371                     |         |
| 11,400.0   | 6,900.0                | 6,953.9                | 6,859.8                | 62.8              | 23.7           | -79.03                      | 2,218.4                                 | 260.4         | 275.1                      | 195.3                       | 79.81                         | 3.448                     |         |
| 11,500.0   | 6,900.0                | 6,963.4                | 6,869.1                | 64.5              | 23.7           | -81.35                      | 2,219.1                                 | 259.0         | 236.8                      | 154.9                       | 81.91                         | 2.891                     |         |
| 11,548.9   | 6,900.0                | 6,967.9                | 6,873.6                | 65.3              | 23.8           | -82.45                      | 2,219.4                                 | 258.4         | 231.8                      | 148.9                       | 82.91                         | 2.795 CC, ES, SF          |         |
| 11,600.0   | 6,900.0                | 6,972.5                | 6,878.1                | 66.2              | 23.8           | -83.58                      | 2,219.7                                 | 257.8         | 237.3                      | 153.4                       | 83.94                         | 2.827                     |         |
| 11,639.0   | 6,900.0                | 6,975.9                | 6,881.5                | 66.9              | 23.8           | -84.43                      | 2,219.9                                 | 257.3         | 248.5                      | 163.8                       | 84.71                         | 2.934                     |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| <b>Offset Design</b>   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | <b>Offset Site Error:</b> | 0.0 ft  |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|---------------------------|---------|
| SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 12-2D - Wellbore #1 - Wellbore #1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | <b>Offset Well Error:</b> | 0.0 ft  |
| Survey Program: 158-MWD  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           |         |
| Reference  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                           |         |
| Measured Depth (ft)  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor         | Warning |
| 9,400.0  | 6,900.0             | 7,061.5             | 6,968.9             | 36.4            | 23.9        | -101.97               | 1,015.0                           | 350.4      | 966.7                | 911.3                 | 55.45                   | 17.434                    |         |
| 9,500.0  | 6,900.0             | 7,050.3             | 6,957.9             | 37.1            | 23.9        | -100.05               | 1,016.3                           | 351.7      | 872.8                | 816.4                 | 56.39                   | 15.478                    |         |
| 9,600.0  | 6,900.0             | 7,039.2             | 6,947.0             | 38.0            | 23.8        | -98.12                | 1,017.6                           | 353.1      | 780.3                | 722.9                 | 57.37                   | 13.600                    |         |
| 9,700.0  | 6,900.0             | 7,028.0             | 6,935.9             | 39.0            | 23.8        | -96.12                | 1,018.9                           | 354.5      | 689.7                | 631.3                 | 58.39                   | 11.811                    |         |
| 9,762.0  | 6,900.0             | 7,020.9             | 6,928.9             | 39.6            | 23.8        | -94.84                | 1,019.7                           | 355.4      | 634.8                | 575.8                 | 59.04                   | 10.753                    |         |
| 9,800.0  | 6,900.0             | 7,016.5             | 6,924.6             | 39.9            | 23.7        | -94.20                | 1,020.2                           | 355.9      | 601.6                | 542.4                 | 59.18                   | 10.166                    |         |
| 9,900.0  | 6,900.0             | 7,005.4             | 6,913.7             | 40.7            | 23.7        | -92.28                | 1,021.5                           | 357.4      | 515.3                | 455.9                 | 59.34                   | 8.683                     |         |
| 9,952.6  | 6,900.0             | 6,999.7             | 6,908.1             | 41.1            | 23.7        | -91.14                | 1,022.2                           | 358.1      | 470.7                | 411.3                 | 59.43                   | 7.921                     |         |
| 10,000.0   | 6,900.0             | 6,994.7             | 6,903.1             | 41.6            | 23.7        | -90.03                | 1,022.8                           | 358.8      | 431.7                | 371.8                 | 59.88                   | 7.209                     |         |
| 10,100.0   | 6,900.0             | 6,983.9             | 6,892.5             | 42.9            | 23.6        | -87.63                | 1,024.1                           | 360.2      | 355.8                | 294.7                 | 61.02                   | 5.830                     |         |
| 10,200.0   | 6,900.0             | 6,972.9             | 6,881.7             | 44.2            | 23.6        | -85.17                | 1,025.4                           | 361.7      | 294.2                | 232.1                 | 62.15                   | 4.734                     |         |
| 10,300.0   | 6,900.0             | 6,961.7             | 6,870.7             | 45.6            | 23.5        | -82.64                | 1,026.8                           | 363.2      | 257.5                | 194.3                 | 63.23                   | 4.072                     |         |
| 10,352.5   | 6,900.0             | 6,955.7             | 6,864.8             | 46.3            | 23.5        | -81.30                | 1,027.5                           | 364.0      | 252.2                | 188.4                 | 63.79                   | 3.953 CC, ES, SF          |         |
| 10,400.0   | 6,900.0             | 6,950.3             | 6,859.5             | 47.0            | 23.5        | -80.07                | 1,028.2                           | 364.8      | 256.5                | 192.3                 | 64.27                   | 3.991                     |         |
| 10,500.0   | 6,900.0             | 6,938.7             | 6,848.1             | 48.5            | 23.5        | -77.45                | 1,029.7                           | 366.4      | 291.7                | 226.4                 | 65.25                   | 4.470                     |         |
| 10,600.0   | 6,900.0             | 6,927.0             | 6,836.7             | 50.0            | 23.4        | -74.84                | 1,031.1                           | 368.1      | 352.2                | 286.1                 | 66.16                   | 5.324                     |         |
| 10,700.0   | 6,900.0             | 6,916.1             | 6,825.9             | 51.5            | 23.4        | -72.41                | 1,032.5                           | 369.6      | 427.6                | 360.5                 | 67.04                   | 6.377                     |         |
| 10,800.0   | 6,900.0             | 6,905.3             | 6,815.3             | 53.0            | 23.3        | -70.04                | 1,033.9                           | 371.2      | 511.2                | 443.3                 | 67.87                   | 7.531                     |         |
| 10,900.0   | 6,900.0             | 6,894.7             | 6,804.9             | 54.6            | 23.3        | -67.75                | 1,035.2                           | 372.7      | 599.7                | 531.0                 | 68.66                   | 8.734                     |         |
| 11,000.0   | 6,900.0             | 6,884.3             | 6,794.7             | 56.2            | 23.2        | -65.54                | 1,036.5                           | 374.2      | 691.1                | 621.7                 | 69.39                   | 9.960                     |         |
| 11,100.0   | 6,900.0             | 6,874.0             | 6,784.6             | 57.8            | 23.2        | -63.40                | 1,037.7                           | 375.8      | 784.5                | 714.4                 | 70.08                   | 11.195                    |         |
| 11,200.0   | 6,900.0             | 6,863.9             | 6,774.7             | 59.5            | 23.2        | -61.35                | 1,039.0                           | 377.2      | 879.3                | 808.5                 | 70.72                   | 12.432                    |         |
| 11,300.0   | 6,900.0             | 6,853.9             | 6,764.9             | 61.1            | 23.1        | -59.38                | 1,040.2                           | 378.7      | 974.9                | 903.6                 | 71.33                   | 13.668                    |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| <b>Offset Design</b>  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | <b>Offset Site Error:</b> | 0.0 ft  |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|---------------------------|---------|
| SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 2A (Vert.) - Wellbore #1 - Wellbore #1 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | <b>Offset Well Error:</b> | 0.0 ft  |
| Survey Program: 246-MWD   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           |         |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                           |         |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor         | Warning |
| 10,200.0  | 6,900.0             | 6,909.9             | 6,908.5             | 44.2            | 14.4        | 90.59                 | 1,711.0                           | 1,082.6    | 928.1                | 870.0                 | 58.09                   | 15.978                    |         |
| 10,300.0  | 6,900.0             | 6,909.3             | 6,907.9             | 45.6            | 14.4        | 90.53                 | 1,711.0                           | 1,082.6    | 848.5                | 789.1                 | 59.44                   | 14.276                    |         |
| 10,400.0  | 6,900.0             | 6,908.7             | 6,907.4             | 47.0            | 14.4        | 90.47                 | 1,711.0                           | 1,082.6    | 773.7                | 712.8                 | 60.83                   | 12.718                    |         |
| 10,500.0  | 6,900.0             | 6,908.1             | 6,906.8             | 48.5            | 14.4        | 90.40                 | 1,711.0                           | 1,082.6    | 705.1                | 642.8                 | 62.27                   | 11.323                    |         |
| 10,600.0  | 6,900.0             | 6,907.5             | 6,906.2             | 50.0            | 14.4        | 90.34                 | 1,711.0                           | 1,082.6    | 644.8                | 581.0                 | 63.74                   | 10.116                    |         |
| 10,700.0  | 6,900.0             | 6,906.9             | 6,905.6             | 51.5            | 14.4        | 90.28                 | 1,711.0                           | 1,082.6    | 595.2                | 530.0                 | 65.25                   | 9.123                     |         |
| 10,800.0  | 6,900.0             | 6,906.3             | 6,905.0             | 53.0            | 14.4        | 90.21                 | 1,711.0                           | 1,082.6    | 559.4                | 492.6                 | 66.78                   | 8.376                     |         |
| 10,900.0  | 6,900.0             | 6,905.8             | 6,904.4             | 54.6            | 14.4        | 90.15                 | 1,711.0                           | 1,082.6    | 539.9                | 471.5                 | 68.35                   | 7.899                     |         |
| 10,957.1  | 6,900.0             | 6,905.4             | 6,904.1             | 55.5            | 14.4        | 90.12                 | 1,711.0                           | 1,082.6    | 536.8                | 467.6                 | 69.25                   | 7.751 CC, ES              |         |
| 11,000.0  | 6,900.0             | 6,905.2             | 6,903.8             | 56.2            | 14.4        | 90.09                 | 1,711.0                           | 1,082.6    | 538.5                | 468.6                 | 69.94                   | 7.700 SF                  |         |
| 11,100.0  | 6,900.0             | 6,904.6             | 6,903.2             | 57.8            | 14.4        | 90.03                 | 1,711.0                           | 1,082.6    | 555.5                | 484.0                 | 71.55                   | 7.764                     |         |
| 11,200.0  | 6,900.0             | 6,904.0             | 6,902.7             | 59.5            | 14.4        | 89.96                 | 1,711.0                           | 1,082.6    | 589.2                | 516.0                 | 73.18                   | 8.051                     |         |
| 11,300.0  | 6,900.0             | 6,903.4             | 6,902.1             | 61.1            | 14.4        | 89.90                 | 1,711.0                           | 1,082.6    | 637.0                | 562.1                 | 74.84                   | 8.511                     |         |
| 11,400.0  | 6,900.0             | 6,902.8             | 6,901.5             | 62.8            | 14.4        | 89.84                 | 1,711.0                           | 1,082.6    | 695.9                | 619.4                 | 76.51                   | 9.096                     |         |
| 11,500.0  | 6,900.0             | 6,902.2             | 6,900.9             | 64.5            | 14.4        | 89.78                 | 1,711.0                           | 1,082.6    | 763.5                | 685.3                 | 78.20                   | 9.763                     |         |
| 11,600.0  | 6,900.0             | 6,901.6             | 6,900.3             | 66.2            | 14.4        | 89.71                 | 1,711.0                           | 1,082.6    | 837.5                | 757.6                 | 79.91                   | 10.481                    |         |
| 11,639.0  | 6,900.0             | 6,901.4             | 6,900.1             | 66.9            | 14.4        | 89.69                 | 1,711.0                           | 1,082.6    | 867.8                | 787.2                 | 80.57                   | 10.770                    |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 0.0                   | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 19.7                  | 0.00                    | N/A                |         |
| 100.0                 | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 19.4                  | 0.22                    | 87.525             |         |
| 200.0                 | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 19.0                  | 0.67                    | 29.175             |         |
| 300.0                 | 300.0               | 300.0               | 300.0               | 0.6             | 0.6         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 18.5                  | 1.12                    | 17.505             |         |
| 400.0                 | 400.0               | 400.0               | 400.0               | 0.8             | 0.8         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 18.1                  | 1.57                    | 12.504             |         |
| 500.0                 | 500.0               | 500.0               | 500.0               | 1.0             | 1.0         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 17.6                  | 2.02                    | 9.725              |         |
| 600.0                 | 600.0               | 600.0               | 600.0               | 1.2             | 1.2         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 17.2                  | 2.47                    | 7.957              |         |
| 700.0                 | 700.0               | 700.0               | 700.0               | 1.5             | 1.5         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 16.8                  | 2.92                    | 6.733              |         |
| 800.0                 | 800.0               | 800.0               | 800.0               | 1.7             | 1.7         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 16.3                  | 3.37                    | 5.835              |         |
| 900.0                 | 900.0               | 900.0               | 900.0               | 1.9             | 1.9         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 15.9                  | 3.82                    | 5.149              |         |
| 1,000.0               | 1,000.0             | 1,000.0             | 1,000.0             | 2.1             | 2.1         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 15.4                  | 4.27                    | 4.607              |         |
| 1,100.0               | 1,100.0             | 1,100.0             | 1,100.0             | 2.4             | 2.4         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 15.0                  | 4.72                    | 4.168              |         |
| 1,200.0               | 1,200.0             | 1,200.0             | 1,200.0             | 2.6             | 2.6         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 14.5                  | 5.17                    | 3.805              |         |
| 1,300.0               | 1,300.0             | 1,300.0             | 1,300.0             | 2.8             | 2.8         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 14.1                  | 5.62                    | 3.501              |         |
| 1,400.0               | 1,400.0             | 1,400.0             | 1,400.0             | 3.0             | 3.0         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 13.6                  | 6.07                    | 3.242              |         |
| 1,500.0               | 1,500.0             | 1,500.0             | 1,500.0             | 3.3             | 3.3         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 13.2                  | 6.52                    | 3.018              |         |
| 1,600.0               | 1,600.0             | 1,600.0             | 1,600.0             | 3.5             | 3.5         | 0.00                  | 19.7                              | 0.0        | 19.7                 | 12.7                  | 6.97                    | 2.823 CC, ES       |         |
| 1,700.0               | 1,700.0             | 1,700.0             | 1,700.0             | 3.7             | 3.7         | -166.82               | 19.7                              | 0.0        | 21.4                 | 14.0                  | 7.39                    | 2.893              |         |
| 1,800.0               | 1,799.8             | 1,799.8             | 1,799.8             | 3.9             | 3.9         | -169.38               | 19.7                              | 0.0        | 26.5                 | 18.7                  | 7.77                    | 3.408              |         |
| 1,900.0               | 1,899.5             | 1,900.6             | 1,900.6             | 4.0             | 4.1         | -171.83               | 17.9                              | 0.3        | 33.3                 | 25.2                  | 8.13                    | 4.102              |         |
| 2,000.0               | 1,998.7             | 2,001.7             | 2,001.5             | 4.2             | 4.3         | -173.84               | 12.7                              | 1.2        | 40.2                 | 31.7                  | 8.46                    | 4.753              |         |
| 2,100.0               | 2,097.5             | 2,103.0             | 2,102.4             | 4.5             | 4.5         | -175.61               | 3.9                               | 2.7        | 47.0                 | 38.2                  | 8.79                    | 5.353              |         |
| 2,200.0               | 2,195.6             | 2,204.5             | 2,203.2             | 4.7             | 4.7         | -177.23               | -8.4                              | 4.8        | 53.8                 | 44.7                  | 9.12                    | 5.905              |         |
| 2,300.0               | 2,293.1             | 2,306.3             | 2,303.7             | 5.0             | 4.9         | -178.75               | -24.3                             | 7.6        | 60.6                 | 51.2                  | 9.45                    | 6.414              |         |
| 2,400.0               | 2,389.6             | 2,408.4             | 2,403.8             | 5.4             | 5.2         | 179.79                | -43.7                             | 10.9       | 67.4                 | 57.6                  | 9.79                    | 6.881              |         |
| 2,500.0               | 2,485.3             | 2,510.6             | 2,503.4             | 5.8             | 5.5         | 178.37                | -66.7                             | 14.9       | 74.1                 | 64.0                  | 10.15                   | 7.307              |         |
| 2,600.0               | 2,579.8             | 2,613.1             | 2,602.3             | 6.3             | 5.8         | 176.98                | -93.3                             | 19.4       | 80.9                 | 70.3                  | 10.52                   | 7.689              |         |
| 2,700.0               | 2,673.2             | 2,715.9             | 2,700.4             | 6.8             | 6.2         | 175.61                | -123.4                            | 24.6       | 87.6                 | 76.7                  | 10.90                   | 8.033              |         |
| 2,800.0               | 2,765.2             | 2,818.9             | 2,797.5             | 7.4             | 6.7         | 174.27                | -157.0                            | 30.4       | 94.2                 | 82.9                  | 11.32                   | 8.327              |         |
| 2,900.0               | 2,855.8             | 2,922.1             | 2,893.6             | 8.1             | 7.3         | 172.93                | -194.1                            | 36.8       | 100.9                | 89.1                  | 11.77                   | 8.573              |         |
| 3,000.0               | 2,944.9             | 3,025.5             | 2,988.5             | 8.9             | 7.9         | 171.60                | -234.7                            | 43.8       | 107.5                | 95.3                  | 12.27                   | 8.766              |         |
| 3,100.0               | 3,032.4             | 3,129.2             | 3,082.0             | 9.7             | 8.6         | 170.28                | -278.8                            | 51.4       | 114.1                | 101.3                 | 12.82                   | 8.904              |         |
| 3,171.0               | 3,093.4             | 3,202.9             | 3,147.5             | 10.3            | 9.1         | 169.35                | -312.1                            | 57.1       | 118.8                | 105.6                 | 13.25                   | 8.967              |         |
| 3,200.0               | 3,118.2             | 3,233.1             | 3,174.0             | 10.6            | 9.4         | 168.96                | -326.3                            | 59.5       | 120.6                | 107.1                 | 13.48                   | 8.941              |         |
| 3,300.0               | 3,203.5             | 3,336.1             | 3,263.6             | 11.5            | 10.2        | 167.42                | -376.5                            | 68.2       | 124.6                | 110.2                 | 14.35                   | 8.679              |         |
| 3,400.0               | 3,288.9             | 3,436.0             | 3,349.9             | 12.5            | 11.1        | 165.89                | -426.0                            | 76.7       | 127.6                | 112.4                 | 15.29                   | 8.349              |         |
| 3,500.0               | 3,374.2             | 3,535.9             | 3,436.3             | 13.4            | 12.0        | 164.42                | -475.6                            | 85.2       | 130.8                | 114.5                 | 16.29                   | 8.028              |         |
| 3,600.0               | 3,459.5             | 3,635.8             | 3,522.6             | 14.4            | 12.9        | 163.03                | -525.2                            | 93.8       | 134.1                | 116.7                 | 17.37                   | 7.720              |         |
| 3,700.0               | 3,544.9             | 3,735.7             | 3,608.9             | 15.4            | 13.8        | 161.70                | -574.7                            | 102.3      | 137.4                | 118.9                 | 18.50                   | 7.426              |         |
| 3,800.0               | 3,630.2             | 3,835.6             | 3,695.2             | 16.4            | 14.7        | 160.44                | -624.3                            | 110.8      | 140.8                | 121.1                 | 19.70                   | 7.149              |         |
| 3,900.0               | 3,715.5             | 3,935.5             | 3,781.5             | 17.4            | 15.7        | 159.24                | -673.8                            | 119.4      | 144.3                | 123.3                 | 20.95                   | 6.888              |         |
| 4,000.0               | 3,800.9             | 4,035.4             | 3,867.8             | 18.4            | 16.6        | 158.09                | -723.4                            | 127.9      | 147.8                | 125.6                 | 22.25                   | 6.644              |         |
| 4,100.0               | 3,886.2             | 4,135.3             | 3,954.2             | 19.4            | 17.5        | 157.00                | -772.9                            | 136.4      | 151.4                | 127.8                 | 23.59                   | 6.417              |         |
| 4,200.0               | 3,971.6             | 4,235.2             | 4,040.5             | 20.4            | 18.5        | 155.96                | -822.5                            | 144.9      | 155.0                | 130.0                 | 24.98                   | 6.206              |         |
| 4,300.0               | 4,056.9             | 4,335.1             | 4,126.8             | 21.4            | 19.5        | 154.97                | -872.1                            | 153.5      | 158.7                | 132.3                 | 26.41                   | 6.010              |         |
| 4,400.0               | 4,142.2             | 4,435.0             | 4,213.1             | 22.4            | 20.4        | 154.02                | -921.6                            | 162.0      | 162.4                | 134.6                 | 27.87                   | 5.828              |         |
| 4,500.0               | 4,227.6             | 4,534.9             | 4,299.4             | 23.5            | 21.4        | 153.11                | -971.2                            | 170.5      | 166.2                | 136.8                 | 29.37                   | 5.660              |         |
| 4,600.0               | 4,312.9             | 4,634.8             | 4,385.7             | 24.5            | 22.4        | 152.25                | -1,020.7                          | 179.1      | 170.0                | 139.1                 | 30.89                   | 5.504              |         |
| 4,700.0               | 4,398.2             | 4,734.7             | 4,472.0             | 25.5            | 23.3        | 151.42                | -1,070.3                          | 187.6      | 173.9                | 141.4                 | 32.44                   | 5.359              |         |
| 4,800.0               | 4,483.6             | 4,834.6             | 4,558.4             | 26.5            | 24.3        | 150.63                | -1,119.9                          | 196.1      | 177.8                | 143.7                 | 34.02                   | 5.225              |         |
| 4,900.0               | 4,568.9             | 4,934.5             | 4,644.7             | 27.6            | 25.3        | 149.87                | -1,169.4                          | 204.6      | 181.7                | 146.1                 | 35.62                   | 5.101              |         |
| 5,000.0               | 4,654.3             | 5,034.4             | 4,731.0             | 28.6            | 26.2        | 149.15                | -1,219.0                          | 213.2      | 185.6                | 148.4                 | 37.24                   | 4.985              |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design          |                     | SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14) |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0 ft  |
|------------------------|---------------------|---|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWDD |                     |   |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0 ft  |
| Reference              |                     | Offset  |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft)   | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 5,100.0                | 4,739.6             | 5,134.2   | 4,817.3             | 29.6            | 27.2        | 148.45                | -1,268.5                          | 221.7      | 189.6                | 150.7                 | 38.88                   | 4.877             |                    |         |
| 5,200.0                | 4,824.9             | 5,234.1   | 4,903.6             | 30.7            | 28.2        | 147.79                | -1,318.1                          | 230.2      | 193.6                | 153.1                 | 40.53                   | 4.777             |                    |         |
| 5,300.0                | 4,910.3             | 5,334.0   | 4,989.9             | 31.7            | 29.2        | 147.15                | -1,367.6                          | 238.8      | 197.6                | 155.4                 | 42.20                   | 4.683             |                    |         |
| 5,400.0                | 4,995.6             | 5,433.9   | 5,076.2             | 32.7            | 30.2        | 146.54                | -1,417.2                          | 247.3      | 201.7                | 157.8                 | 43.88                   | 4.596             |                    |         |
| 5,500.0                | 5,080.9             | 5,533.8   | 5,162.6             | 33.7            | 31.2        | 145.95                | -1,466.8                          | 255.8      | 205.8                | 160.2                 | 45.58                   | 4.514             |                    |         |
| 5,600.0                | 5,166.3             | 5,633.7   | 5,248.9             | 34.8            | 32.1        | 145.38                | -1,516.3                          | 264.3      | 209.9                | 162.6                 | 47.29                   | 4.438             |                    |         |
| 5,700.0                | 5,251.6             | 5,733.6   | 5,335.2             | 35.8            | 33.1        | 144.84                | -1,565.9                          | 272.9      | 214.0                | 165.0                 | 49.01                   | 4.366             |                    |         |
| 5,800.0                | 5,337.0             | 5,833.5   | 5,421.5             | 36.9            | 34.1        | 144.31                | -1,615.4                          | 281.4      | 218.1                | 167.4                 | 50.74                   | 4.299             |                    |         |
| 5,900.0                | 5,422.3             | 5,933.4   | 5,507.8             | 37.9            | 35.1        | 143.81                | -1,665.0                          | 289.9      | 222.2                | 169.8                 | 52.47                   | 4.235             |                    |         |
| 6,000.0                | 5,507.6             | 6,033.3   | 5,594.1             | 38.9            | 36.1        | 143.32                | -1,714.5                          | 298.5      | 226.4                | 172.2                 | 54.22                   | 4.176             |                    |         |
| 6,100.0                | 5,593.0             | 6,133.2   | 5,680.5             | 40.0            | 37.1        | 142.85                | -1,764.1                          | 307.0      | 230.6                | 174.6                 | 55.98                   | 4.120             |                    |         |
| 6,200.0                | 5,678.3             | 6,233.1   | 5,766.8             | 41.0            | 38.1        | 142.40                | -1,813.7                          | 315.5      | 234.8                | 177.1                 | 57.74                   | 4.067             |                    |         |
| 6,300.0                | 5,763.6             | 6,333.0   | 5,853.1             | 42.0            | 39.0        | 141.97                | -1,863.2                          | 324.0      | 239.0                | 179.5                 | 59.51                   | 4.016             |                    |         |
| 6,381.6                | 5,833.3             | 6,414.5   | 5,923.5             | 42.9            | 39.9        | 141.62                | -1,903.7                          | 331.0      | 242.5                | 181.5                 | 60.95                   | 3.978             |                    |         |
| 6,400.0                | 5,849.1             | 6,432.9   | 5,939.4             | 43.0            | 40.0        | 142.25                | -1,912.8                          | 332.6      | 243.1                | 181.8                 | 61.31                   | 3.965             |                    |         |
| 6,450.0                | 5,893.2             | 6,482.8   | 5,982.5             | 43.4            | 40.5        | 143.84                | -1,937.5                          | 336.8      | 243.5                | 180.8                 | 62.65                   | 3.887             |                    |         |
| 6,500.0                | 5,938.7             | 6,532.3   | 6,025.3             | 43.7            | 41.0        | 145.45                | -1,962.1                          | 341.1      | 242.0                | 177.4                 | 64.56                   | 3.748             |                    |         |
| 6,550.0                | 5,985.5             | 6,581.4   | 6,067.7             | 44.0            | 41.5        | 147.53                | -1,986.4                          | 345.3      | 238.9                | 171.8                 | 67.05                   | 3.563             |                    |         |
| 6,600.0                | 6,033.3             | 6,629.6   | 6,109.4             | 44.2            | 42.0        | 150.90                | -2,010.4                          | 349.4      | 234.5                | 164.4                 | 70.07                   | 3.347             |                    |         |
| 6,650.0                | 6,081.9             | 6,676.9   | 6,150.2             | 44.4            | 42.5        | 157.05                | -2,033.8                          | 353.4      | 229.4                | 155.8                 | 73.52                   | 3.119             |                    |         |
| 6,700.0                | 6,131.0             | 6,718.6   | 6,186.8             | 44.5            | 42.8        | 169.17                | -2,053.6                          | 357.0      | 224.5                | 147.8                 | 76.69                   | 2.928             |                    |         |
| 6,750.0                | 6,180.3             | 6,760.7   | 6,224.8             | 44.6            | 43.0        | -171.28               | -2,071.4                          | 360.8      | 221.0                | 141.4                 | 79.59                   | 2.777             |                    |         |
| 6,800.0                | 6,229.8             | 6,803.7   | 6,264.5             | 44.6            | 43.3        | -149.68               | -2,087.2                          | 364.6      | 219.0                | 136.8                 | 82.14                   | 2.666             |                    |         |
| 6,835.5                | 6,264.7             | 6,834.8   | 6,293.8             | 44.6            | 43.4        | -138.07               | -2,097.1                          | 367.5      | 218.5                | 134.9                 | 83.65                   | 2.613             |                    |         |
| 6,850.0                | 6,279.0             | 6,847.6   | 6,306.1             | 44.6            | 43.5        | -134.49               | -2,100.9                          | 368.7      | 218.6                | 134.4                 | 84.20                   | 2.596             |                    |         |
| 6,900.0                | 6,327.9             | 6,892.6   | 6,349.4             | 44.6            | 43.7        | -126.53               | -2,112.2                          | 372.9      | 220.0                | 134.4                 | 85.67                   | 2.569 SF          |                    |         |
| 6,950.0                | 6,376.0             | 6,938.7   | 6,394.4             | 44.5            | 43.8        | -123.16               | -2,120.9                          | 377.3      | 223.3                | 136.8                 | 86.47                   | 2.582             |                    |         |
| 7,000.0                | 6,423.3             | 6,986.1   | 6,441.2             | 44.3            | 43.9        | -122.37               | -2,126.8                          | 381.8      | 228.3                | 141.7                 | 86.58                   | 2.637             |                    |         |
| 7,050.0                | 6,469.4             | 7,034.9   | 6,489.7             | 44.1            | 44.0        | -123.01               | -2,129.6                          | 386.5      | 235.0                | 149.0                 | 86.00                   | 2.733             |                    |         |
| 7,100.0                | 6,514.2             | 7,085.3   | 6,539.8             | 43.9            | 44.0        | -124.44               | -2,129.1                          | 391.3      | 243.3                | 158.5                 | 84.80                   | 2.869             |                    |         |
| 7,150.0                | 6,557.4             | 7,137.3   | 6,591.5             | 43.7            | 44.0        | -126.28               | -2,124.8                          | 396.2      | 252.9                | 169.9                 | 83.04                   | 3.045             |                    |         |
| 7,200.0                | 6,598.8             | 7,191.3   | 6,644.5             | 43.4            | 44.0        | -128.31               | -2,116.3                          | 401.3      | 263.6                | 182.8                 | 80.83                   | 3.262             |                    |         |
| 7,250.0                | 6,638.3             | 7,247.3   | 6,698.7             | 43.1            | 43.8        | -130.40               | -2,103.4                          | 406.5      | 275.3                | 197.0                 | 78.25                   | 3.518             |                    |         |
| 7,300.0                | 6,675.6             | 7,305.5   | 6,753.9             | 42.7            | 43.7        | -132.45               | -2,085.5                          | 411.7      | 287.5                | 212.1                 | 75.40                   | 3.813             |                    |         |
| 7,350.0                | 6,710.5             | 7,366.1   | 6,809.5             | 42.3            | 43.4        | -134.43               | -2,062.1                          | 416.9      | 300.0                | 227.7                 | 72.37                   | 4.146             |                    |         |
| 7,400.0                | 6,742.8             | 7,429.4   | 6,865.3             | 42.0            | 43.1        | -136.28               | -2,032.7                          | 422.1      | 312.7                | 243.4                 | 69.27                   | 4.514             |                    |         |
| 7,450.0                | 6,772.5             | 7,495.3   | 6,920.4             | 41.5            | 42.7        | -138.00               | -1,997.0                          | 427.3      | 325.2                | 259.0                 | 66.16                   | 4.915             |                    |         |
| 7,500.0                | 6,799.4             | 7,564.1   | 6,974.3             | 41.1            | 42.2        | -139.57               | -1,954.4                          | 432.2      | 337.2                | 274.0                 | 63.13                   | 5.341             |                    |         |
| 7,550.0                | 6,823.3             | 7,635.9   | 7,025.8             | 40.7            | 41.7        | -140.98               | -1,904.8                          | 436.9      | 348.5                | 288.2                 | 60.27                   | 5.782             |                    |         |
| 7,600.0                | 6,844.1             | 7,710.5   | 7,073.8             | 40.3            | 41.1        | -142.21               | -1,847.9                          | 441.3      | 358.8                | 301.1                 | 57.63                   | 6.225             |                    |         |
| 7,650.0                | 6,861.8             | 7,787.9   | 7,117.2             | 39.8            | 40.4        | -143.26               | -1,783.9                          | 445.2      | 367.9                | 312.6                 | 55.31                   | 6.652             |                    |         |
| 7,700.0                | 6,876.2             | 7,867.9   | 7,154.5             | 39.4            | 39.7        | -144.11               | -1,713.2                          | 448.4      | 375.5                | 322.2                 | 53.35                   | 7.039             |                    |         |
| 7,750.0                | 6,887.2             | 7,950.2   | 7,184.4             | 39.0            | 39.0        | -144.77               | -1,636.7                          | 450.9      | 381.5                | 329.7                 | 51.81                   | 7.365             |                    |         |
| 7,800.0                | 6,894.9             | 8,034.1   | 7,205.8             | 38.5            | 38.2        | -145.22               | -1,555.6                          | 452.6      | 385.7                | 335.0                 | 50.71                   | 7.607             |                    |         |
| 7,850.0                | 6,899.1             | 8,119.1   | 7,217.6             | 38.1            | 37.5        | -145.45               | -1,471.5                          | 453.3      | 388.0                | 337.9                 | 50.06                   | 7.750             |                    |         |
| 7,886.3                | 6,900.0             | 8,179.6   | 7,220.0             | 37.9            | 37.0        | -145.49               | -1,411.0                          | 453.3      | 388.3                | 338.5                 | 49.85                   | 7.790             |                    |         |
| 7,900.0                | 6,900.0             | 8,193.3   | 7,220.0             | 37.7            | 36.9        | -145.49               | -1,397.4                          | 453.2      | 388.3                | 338.5                 | 49.83                   | 7.793             |                    |         |
| 8,000.0                | 6,900.0             | 8,293.3   | 7,220.0             | 37.0            | 36.2        | -145.49               | -1,297.4                          | 452.8      | 388.3                | 338.6                 | 49.75                   | 7.805             |                    |         |
| 8,100.0                | 6,900.0             | 8,393.3   | 7,220.0             | 36.3            | 35.5        | -145.49               | -1,197.4                          | 452.3      | 388.3                | 338.5                 | 49.79                   | 7.799             |                    |         |
| 8,200.0                | 6,900.0             | 8,493.3   | 7,220.0             | 35.7            | 34.9        | -145.50               | -1,097.4                          | 451.8      | 388.3                | 338.3                 | 49.96                   | 7.772             |                    |         |
| 8,300.0                | 6,900.0             | 8,593.3   | 7,220.0             | 35.1            | 34.4        | -145.50               | -997.4                            | 451.3      | 388.3                | 338.0                 | 50.25                   | 7.728             |                    |         |
| 8,400.0                | 6,900.0             | 8,693.3   | 7,220.0             | 34.7            | 34.0        | -145.50               | -897.4                            | 450.9      | 388.3                | 337.6                 | 50.66                   | 7.665             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| Offset Design      SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14) |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Site Error:      0.0 ft |  |
|--|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|-------------------|--------------------------------|--|
| Survey Program: 0-MWD  |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Well Error:      0.0 ft |  |
| Reference  |                | Offset         |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                    |                   |                                |  |
| Measured Depth   | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Minimum Separation | Separation Factor | Warning                        |  |
| (ft)   | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | (ft)               |                   |                                |  |
| 8,500.0  | 6,900.0        | 8,793.3        | 7,220.0        | 34.4            | 33.7   | -145.50           | -797.4                 | 450.4      | 388.3           | 337.1            | 51.19              | 7.585             |                                |  |
| 8,600.0  | 6,900.0        | 8,893.3        | 7,220.0        | 34.1            | 33.5   | -145.51           | -697.4                 | 449.9      | 388.3           | 336.4            | 51.83              | 7.491             |                                |  |
| 8,700.0  | 6,900.0        | 8,993.3        | 7,220.0        | 34.0            | 33.4   | -145.51           | -597.4                 | 449.5      | 388.3           | 335.7            | 52.59              | 7.383             |                                |  |
| 8,800.0  | 6,900.0        | 9,093.3        | 7,220.0        | 34.0            | 33.5   | -145.51           | -497.4                 | 449.0      | 388.2           | 334.8            | 53.45              | 7.264             |                                |  |
| 8,900.0  | 6,900.0        | 9,193.3        | 7,220.0        | 34.1            | 33.6   | -145.51           | -397.4                 | 448.5      | 388.2           | 333.8            | 54.41              | 7.136             |                                |  |
| 9,000.0  | 6,900.0        | 9,293.3        | 7,220.0        | 34.3            | 33.9   | -145.51           | -297.4                 | 448.0      | 388.2           | 332.8            | 55.46              | 7.000             |                                |  |
| 9,100.0  | 6,900.0        | 9,393.3        | 7,220.0        | 34.6            | 34.3   | -145.52           | -197.4                 | 447.6      | 388.2           | 331.6            | 56.61              | 6.858             |                                |  |
| 9,200.0  | 6,900.0        | 9,493.3        | 7,220.0        | 35.1            | 34.8   | -145.52           | -97.4                  | 447.1      | 388.2           | 330.4            | 57.84              | 6.712             |                                |  |
| 9,300.0  | 6,900.0        | 9,593.3        | 7,220.0        | 35.7            | 35.4   | -145.52           | 2.6                    | 446.6      | 388.2           | 329.1            | 59.15              | 6.563             |                                |  |
| 9,400.0  | 6,900.0        | 9,693.3        | 7,220.0        | 36.4            | 36.1   | -145.52           | 102.6                  | 446.2      | 388.2           | 327.7            | 60.53              | 6.413             |                                |  |
| 9,500.0  | 6,900.0        | 9,793.3        | 7,220.0        | 37.1            | 36.8   | -145.52           | 202.6                  | 445.7      | 388.2           | 326.2            | 61.98              | 6.262             |                                |  |
| 9,600.0  | 6,900.0        | 9,893.3        | 7,220.0        | 38.0            | 37.7   | -145.53           | 302.6                  | 445.2      | 388.2           | 324.7            | 63.50              | 6.113             |                                |  |
| 9,700.0  | 6,900.0        | 9,993.3        | 7,220.0        | 39.0            | 38.7   | -145.53           | 402.6                  | 444.7      | 388.2           | 323.1            | 65.08              | 5.964             |                                |  |
| 9,746.6  | 6,900.0        | 10,039.9       | 7,220.0        | 39.4            | 39.1   | -145.53           | 449.2                  | 444.5      | 388.2           | 322.3            | 65.83              | 5.896             |                                |  |
| 9,762.0  | 6,900.0        | 10,053.7       | 7,220.0        | 39.6            | 39.3   | -145.53           | 463.0                  | 444.5      | 388.2           | 322.1            | 66.07              | 5.875             |                                |  |
| 9,800.0  | 6,900.0        | 10,089.2       | 7,220.0        | 39.9            | 39.6   | -145.53           | 498.5                  | 444.0      | 388.1           | 321.7            | 66.42              | 5.844             |                                |  |
| 9,900.0  | 6,900.0        | 10,178.9       | 7,220.0        | 40.7            | 40.2   | -145.58           | 588.1                  | 439.8      | 387.9           | 320.8            | 67.13              | 5.779             |                                |  |
| 9,952.6  | 6,900.0        | 10,226.1       | 7,220.0        | 41.1            | 40.5   | -145.64           | 635.1                  | 435.9      | 387.7           | 320.2            | 67.47              | 5.745             |                                |  |
| 9,974.8  | 6,900.0        | 10,246.2       | 7,220.0        | 41.3            | 40.7   | -145.65           | 655.1                  | 433.9      | 387.6           | 319.8            | 67.79              | 5.717             |                                |  |
| 10,000.0   | 6,900.0        | 10,271.2       | 7,220.0        | 41.6            | 41.0   | -145.65           | 680.0                  | 431.2      | 387.6           | 319.4            | 68.20              | 5.683             |                                |  |
| 10,100.0   | 6,900.0        | 10,371.2       | 7,220.0        | 42.9            | 42.2   | -145.64           | 779.4                  | 420.7      | 387.7           | 317.7            | 69.99              | 5.539             |                                |  |
| 10,200.0   | 6,900.0        | 10,471.2       | 7,220.0        | 44.2            | 43.5   | -145.63           | 878.9                  | 410.2      | 387.7           | 315.9            | 71.85              | 5.396             |                                |  |
| 10,300.0   | 6,900.0        | 10,571.2       | 7,220.0        | 45.6            | 44.8   | -145.62           | 978.3                  | 399.6      | 387.7           | 314.0            | 73.74              | 5.258             |                                |  |
| 10,400.0   | 6,900.0        | 10,671.2       | 7,220.0        | 47.0            | 46.2   | -145.61           | 1,077.8                | 389.1      | 387.8           | 312.1            | 75.68              | 5.124             |                                |  |
| 10,500.0   | 6,900.0        | 10,771.2       | 7,220.0        | 48.5            | 47.7   | -145.60           | 1,177.2                | 378.6      | 387.8           | 310.2            | 77.65              | 4.995             |                                |  |
| 10,600.0   | 6,900.0        | 10,871.2       | 7,220.0        | 50.0            | 49.1   | -145.59           | 1,276.7                | 368.1      | 387.9           | 308.2            | 79.65              | 4.870             |                                |  |
| 10,700.0   | 6,900.0        | 10,971.2       | 7,220.0        | 51.5            | 50.7   | -145.58           | 1,376.1                | 357.5      | 387.9           | 306.2            | 81.68              | 4.749             |                                |  |
| 10,800.0   | 6,900.0        | 11,071.2       | 7,220.0        | 53.0            | 52.2   | -145.57           | 1,475.5                | 347.0      | 388.0           | 304.2            | 83.74              | 4.633             |                                |  |
| 10,900.0   | 6,900.0        | 11,171.2       | 7,220.0        | 54.6            | 53.8   | -145.56           | 1,575.0                | 336.5      | 388.0           | 302.2            | 85.83              | 4.521             |                                |  |
| 11,000.0   | 6,900.0        | 11,271.2       | 7,220.0        | 56.2            | 55.3   | -145.55           | 1,674.4                | 326.0      | 388.1           | 300.1            | 87.94              | 4.413             |                                |  |
| 11,100.0   | 6,900.0        | 11,371.2       | 7,220.0        | 57.8            | 57.0   | -145.54           | 1,773.9                | 315.4      | 388.1           | 298.0            | 90.08              | 4.308             |                                |  |
| 11,200.0   | 6,900.0        | 11,471.2       | 7,220.0        | 59.5            | 58.6   | -145.53           | 1,873.3                | 304.9      | 388.1           | 295.9            | 92.23              | 4.208             |                                |  |
| 11,300.0   | 6,900.0        | 11,571.2       | 7,220.0        | 61.1            | 60.2   | -145.52           | 1,972.8                | 294.4      | 388.2           | 293.8            | 94.41              | 4.112             |                                |  |
| 11,400.0   | 6,900.0        | 11,671.2       | 7,220.0        | 62.8            | 61.9   | -145.51           | 2,072.2                | 283.8      | 388.2           | 291.6            | 96.60              | 4.019             |                                |  |
| 11,500.0   | 6,900.0        | 11,771.2       | 7,220.0        | 64.5            | 63.6   | -145.50           | 2,171.7                | 273.3      | 388.3           | 289.5            | 98.82              | 3.929             |                                |  |
| 11,600.0   | 6,900.0        | 11,871.2       | 7,220.0        | 66.2            | 65.3   | -145.49           | 2,271.1                | 262.8      | 388.3           | 287.3            | 101.05             | 3.843             |                                |  |
| 11,639.0   | 6,900.0        | 11,910.2       | 7,220.0        | 66.9            | 66.0   | -145.49           | 2,309.9                | 258.7      | 388.3           | 286.4            | 101.92             | 3.810             |                                |  |

| SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14) |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Site Error: | 0.0 ft |
|---|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|-------------------|--------------------|--------|
| Survey Program: 0-MWD   |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Well Error: | 0.0 ft |
| Reference   |                | Offset         |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                    |                   |                    |        |
| Measured Depth  | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Minimum Separation | Separation Factor | Warning            |        |
| (ft)  | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | (ft)               |                   |                    |        |
| 0.0   | 0.0            | 0.0            | 0.0            | 0.0             | 0.0    | 0.00              | 39.7                   | 0.0        | 39.7            |                  |                    |                   |                    |        |
| 100.0   | 100.0          | 100.0          | 100.0          | 0.1             | 0.1    | 0.00              | 39.7                   | 0.0        | 39.7            | 39.5             | 0.22               | 176.671           |                    |        |
| 200.0   | 200.0          | 200.0          | 200.0          | 0.3             | 0.3    | 0.00              | 39.7                   | 0.0        | 39.7            | 39.0             | 0.67               | 58.890            |                    |        |
| 300.0   | 300.0          | 300.0          | 300.0          | 0.6             | 0.6    | 0.00              | 39.7                   | 0.0        | 39.7            | 38.6             | 1.12               | 35.334            |                    |        |
| 400.0   | 400.0          | 400.0          | 400.0          | 0.8             | 0.8    | 0.00              | 39.7                   | 0.0        | 39.7            | 38.1             | 1.57               | 25.239            |                    |        |
| 500.0   | 500.0          | 500.0          | 500.0          | 1.0             | 1.0    | 0.00              | 39.7                   | 0.0        | 39.7            | 37.7             | 2.02               | 19.630            |                    |        |
| 600.0   | 600.0          | 600.0          | 600.0          | 1.2             | 1.2    | 0.00              | 39.7                   | 0.0        | 39.7            | 37.2             | 2.47               | 16.061            |                    |        |
| 700.0   | 700.0          | 700.0          | 700.0          | 1.5             | 1.5    | 0.00              | 39.7                   | 0.0        | 39.7            | 36.8             | 2.92               | 13.590            |                    |        |
| 800.0   | 800.0          | 800.0          | 800.0          | 1.7             | 1.7    | 0.00              | 39.7                   | 0.0        | 39.7            | 36.3             | 3.37               | 11.778            |                    |        |
| 900.0   | 900.0          | 900.0          | 900.0          | 1.9             | 1.9    | 0.00              | 39.7                   | 0.0        | 39.7            | 35.9             | 3.82               | 10.392            |                    |        |
| 1,000.0   | 1,000.0        | 1,000.0        | 1,000.0        | 2.1             | 2.1    | 0.00              | 39.7                   | 0.0        | 39.7            | 35.4             | 4.27               | 9.298             |                    |        |
| 1,100.0   | 1,100.0        | 1,100.0        | 1,100.0        | 2.4             | 2.4    | 0.00              | 39.7                   | 0.0        | 39.7            | 35.0             | 4.72               | 8.413             |                    |        |
| 1,200.0   | 1,200.0        | 1,200.0        | 1,200.0        | 2.6             | 2.6    | 0.00              | 39.7                   | 0.0        | 39.7            | 34.5             | 5.17               | 7.681             |                    |        |
| 1,300.0   | 1,300.0        | 1,300.0        | 1,300.0        | 2.8             | 2.8    | 0.00              | 39.7                   | 0.0        | 39.7            | 34.1             | 5.62               | 7.067             |                    |        |
| 1,400.0   | 1,400.0        | 1,400.0        | 1,400.0        | 3.0             | 3.0    | 0.00              | 39.7                   | 0.0        | 39.7            | 33.6             | 6.07               | 6.543             |                    |        |
| 1,500.0   | 1,500.0        | 1,500.0        | 1,500.0        | 3.3             | 3.3    | 0.00              | 39.7                   | 0.0        | 39.7            | 33.2             | 6.52               | 6.092             |                    |        |
| 1,600.0   | 1,600.0        | 1,600.0        | 1,600.0        | 3.5             | 3.5    | 0.00              | 39.7                   | 0.0        | 39.7            | 32.7             | 6.97               | 5.699 CC, ES      |                    |        |
| 1,700.0   | 1,700.0        | 1,700.0        | 1,700.0        | 3.7             | 3.7    | -166.26           | 39.7                   | 0.0        | 41.4            | 34.0             | 7.39               | 5.605             |                    |        |
| 1,800.0   | 1,799.8        | 1,799.8        | 1,799.8        | 3.9             | 3.9    | -167.77           | 39.7                   | 0.0        | 46.5            | 38.7             | 7.77               | 5.982             |                    |        |
| 1,900.0   | 1,899.5        | 1,899.5        | 1,899.5        | 4.0             | 4.2    | -169.66           | 39.7                   | 0.0        | 55.1            | 46.9             | 8.16               | 6.748             |                    |        |
| 2,000.0   | 1,998.7        | 1,998.7        | 1,998.7        | 4.2             | 4.4    | -171.49           | 39.7                   | 0.0        | 67.1            | 58.5             | 8.54               | 7.856             |                    |        |
| 2,100.0   | 2,097.5        | 2,100.3        | 2,100.3        | 4.5             | 4.6    | -173.16           | 38.0                   | 0.1        | 80.9            | 72.0             | 8.89               | 9.100             |                    |        |
| 2,200.0   | 2,195.6        | 2,202.5        | 2,202.3        | 4.7             | 4.8    | -174.71           | 32.6                   | 0.6        | 94.7            | 85.5             | 9.21               | 10.283            |                    |        |
| 2,300.0   | 2,293.1        | 2,305.1        | 2,304.5        | 5.0             | 4.9    | -176.19           | 23.5                   | 1.4        | 108.4           | 98.9             | 9.53               | 11.380            |                    |        |
| 2,400.0   | 2,389.6        | 2,408.2        | 2,406.9        | 5.4             | 5.1    | -177.62           | 10.8                   | 2.4        | 122.1           | 112.3            | 9.85               | 12.399            |                    |        |
| 2,500.0   | 2,485.3        | 2,511.9        | 2,509.2        | 5.8             | 5.4    | -179.03           | -5.7                   | 3.8        | 135.8           | 125.7            | 10.18              | 13.342            |                    |        |
| 2,600.0   | 2,579.8        | 2,616.0        | 2,611.3        | 6.3             | 5.6    | 179.58            | -26.0                  | 5.5        | 149.5           | 139.0            | 10.52              | 14.210            |                    |        |
| 2,700.0   | 2,673.2        | 2,720.6        | 2,713.0        | 6.8             | 5.9    | 178.20            | -50.1                  | 7.6        | 163.2           | 152.3            | 10.88              | 15.001            |                    |        |
| 2,800.0   | 2,765.2        | 2,825.7        | 2,814.3        | 7.4             | 6.3    | 176.82            | -78.0                  | 9.9        | 176.8           | 165.6            | 11.26              | 15.710            |                    |        |
| 2,900.0   | 2,855.8        | 2,931.3        | 2,915.0        | 8.1             | 6.7    | 175.45            | -109.8                 | 12.6       | 190.5           | 178.8            | 11.66              | 16.339            |                    |        |
| 3,000.0   | 2,944.9        | 3,037.4        | 3,014.8        | 8.9             | 7.2    | 174.07            | -145.4                 | 15.6       | 204.1           | 192.0            | 12.10              | 16.867            |                    |        |
| 3,100.0   | 3,032.4        | 3,143.9        | 3,113.7        | 9.7             | 7.7    | 172.70            | -184.8                 | 18.9       | 217.7           | 205.1            | 12.59              | 17.292            |                    |        |
| 3,171.0   | 3,093.4        | 3,219.8        | 3,183.3        | 10.3            | 8.2    | 171.72            | -215.2                 | 21.5       | 227.3           | 214.3            | 12.97              | 17.526            |                    |        |
| 3,200.0   | 3,118.2        | 3,250.9        | 3,211.5        | 10.6            | 8.4    | 171.32            | -228.1                 | 22.6       | 231.1           | 217.9            | 13.18              | 17.528            |                    |        |
| 3,300.0   | 3,203.5        | 3,358.6        | 3,308.2        | 11.5            | 9.1    | 169.86            | -275.3                 | 26.5       | 242.0           | 228.0            | 13.98              | 17.311            |                    |        |
| 3,400.0   | 3,288.9        | 3,466.9        | 3,403.6        | 12.5            | 9.9    | 168.21            | -326.4                 | 30.8       | 249.4           | 234.6            | 14.87              | 16.773            |                    |        |
| 3,500.0   | 3,374.2        | 3,575.4        | 3,497.2        | 13.4            | 10.8   | 166.31            | -381.2                 | 35.5       | 253.6           | 237.7            | 15.89              | 15.957            |                    |        |
| 3,600.0   | 3,459.5        | 3,683.9        | 3,588.6        | 14.4            | 11.8   | 164.12            | -439.4                 | 40.4       | 254.5           | 237.4            | 17.07              | 14.906            |                    |        |
| 3,700.0   | 3,544.9        | 3,791.4        | 3,676.9        | 15.4            | 12.8   | 161.56            | -500.4                 | 45.5       | 252.3           | 233.9            | 18.46              | 13.670            |                    |        |
| 3,800.0   | 3,630.2        | 3,890.7        | 3,757.5        | 16.4            | 13.8   | 158.98            | -558.2                 | 50.4       | 249.2           | 229.2            | 19.97              | 12.477            |                    |        |
| 3,900.0   | 3,715.5        | 3,990.0        | 3,838.2        | 17.4            | 14.9   | 156.34            | -615.9                 | 55.2       | 246.6           | 224.9            | 21.66              | 11.387            |                    |        |
| 4,000.0   | 3,800.9        | 4,089.3        | 3,918.8        | 18.4            | 15.9   | 153.66            | -673.6                 | 60.1       | 244.5           | 221.0            | 23.51              | 10.402            |                    |        |
| 4,100.0   | 3,886.2        | 4,188.6        | 3,999.5        | 19.4            | 17.0   | 150.93            | -731.4                 | 65.0       | 243.0           | 217.5            | 25.52              | 9.521             |                    |        |
| 4,200.0   | 3,971.6        | 4,287.9        | 4,080.1        | 20.4            | 18.0   | 148.17            | -789.1                 | 69.8       | 242.0           | 214.3            | 27.69              | 8.741             |                    |        |
| 4,300.0   | 4,056.9        | 4,387.2        | 4,160.8        | 21.4            | 19.1   | 145.40            | -846.8                 | 74.7       | 241.7           | 211.7            | 30.00              | 8.055             |                    |        |
| 4,316.9   | 4,071.3        | 4,404.0        | 4,174.4        | 21.6            | 19.3   | 144.93            | -856.6                 | 75.5       | 241.6           | 211.2            | 30.40              | 7.948             |                    |        |
| 4,400.0   | 4,142.2        | 4,486.5        | 4,241.4        | 22.4            | 20.2   | 142.63            | -904.6                 | 79.5       | 241.8           | 209.4            | 32.43              | 7.457             |                    |        |
| 4,500.0   | 4,227.6        | 4,585.8        | 4,322.1        | 23.5            | 21.3   | 139.87            | -962.3                 | 84.4       | 242.6           | 207.6            | 34.97              | 6.937             |                    |        |
| 4,600.0   | 4,312.9        | 4,685.1        | 4,402.7        | 24.5            | 22.3   | 137.13            | -1,020.1               | 89.3       | 243.9           | 206.3            | 37.60              | 6.487             |                    |        |
| 4,700.0   | 4,398.2        | 4,784.4        | 4,483.4        | 25.5            | 23.4   | 134.43            | -1,077.8               | 94.1       | 245.8           | 205.5            | 40.30              | 6.100             |                    |        |
| 4,800.0   | 4,483.6        | 4,883.7        | 4,564.0        | 26.5            | 24.5   | 131.77            | -1,135.5               | 99.0       | 248.3           | 205.2            | 43.05              | 5.767             |                    |        |
| 4,900.0   | 4,568.9        | 4,983.0        | 4,644.7        | 27.6            | 25.6   | 129.17            | -1,193.3               | 103.9      | 251.2           | 205.4            | 45.83              | 5.482             |                    |        |

COMPASS 2003.21 Build 46



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Survey Program: 0-MWDD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  |         |
| 5,000.0                | 4,654.3             | 5,082.3             | 4,725.3             | 28.6            | 26.7        | 126.63                | -1,251.0                          | 108.7      | 254.7                | 206.1                 | 48.62                   | 5.238              |         |
| 5,100.0                | 4,739.6             | 5,181.6             | 4,806.0             | 29.6            | 27.8        | 124.17                | -1,308.7                          | 113.6      | 258.7                | 207.2                 | 51.42                   | 5.031              |         |
| 5,200.0                | 4,824.9             | 5,280.9             | 4,886.6             | 30.7            | 28.9        | 121.78                | -1,366.5                          | 118.5      | 263.1                | 208.9                 | 54.20                   | 4.854              |         |
| 5,300.0                | 4,910.3             | 5,380.2             | 4,967.3             | 31.7            | 30.1        | 119.48                | -1,424.2                          | 123.3      | 268.0                | 211.0                 | 56.97                   | 4.704              |         |
| 5,400.0                | 4,995.6             | 5,479.5             | 5,047.9             | 32.7            | 31.2        | 117.26                | -1,481.9                          | 128.2      | 273.3                | 213.6                 | 59.71                   | 4.577              |         |
| 5,500.0                | 5,080.9             | 5,578.8             | 5,128.6             | 33.7            | 32.3        | 115.13                | -1,539.7                          | 133.0      | 279.0                | 216.6                 | 62.41                   | 4.470              |         |
| 5,600.0                | 5,166.3             | 5,678.1             | 5,209.2             | 34.8            | 33.4        | 113.08                | -1,597.4                          | 137.9      | 285.0                | 220.0                 | 65.07                   | 4.380              |         |
| 5,700.0                | 5,251.6             | 5,777.4             | 5,289.9             | 35.8            | 34.5        | 111.13                | -1,655.1                          | 142.8      | 291.5                | 223.8                 | 67.69                   | 4.306              |         |
| 5,800.0                | 5,337.0             | 5,876.7             | 5,370.5             | 36.9            | 35.6        | 109.25                | -1,712.9                          | 147.6      | 298.2                | 227.9                 | 70.27                   | 4.244              |         |
| 5,900.0                | 5,422.3             | 5,976.1             | 5,451.2             | 37.9            | 36.8        | 107.46                | -1,770.6                          | 152.5      | 305.3                | 232.5                 | 72.80                   | 4.193              |         |
| 6,000.0                | 5,507.6             | 6,075.4             | 5,531.8             | 38.9            | 37.9        | 105.76                | -1,828.3                          | 157.4      | 312.6                | 237.3                 | 75.28                   | 4.152              |         |
| 6,100.0                | 5,593.0             | 6,174.7             | 5,612.5             | 40.0            | 39.0        | 104.13                | -1,886.1                          | 162.2      | 320.2                | 242.5                 | 77.73                   | 4.120              |         |
| 6,200.0                | 5,678.3             | 6,274.0             | 5,693.1             | 41.0            | 40.1        | 102.58                | -1,943.8                          | 167.1      | 328.0                | 247.9                 | 80.13                   | 4.094              |         |
| 6,300.0                | 5,763.6             | 6,373.4             | 5,773.9             | 42.0            | 41.2        | 101.10                | -2,001.6                          | 172.0      | 336.1                | 253.6                 | 82.47                   | 4.075              |         |
| 6,381.6                | 5,833.3             | 6,456.7             | 5,844.5             | 42.9            | 41.9        | 100.84                | -2,045.4                          | 176.2      | 342.6                | 258.6                 | 84.01                   | 4.078              |         |
| 6,400.0                | 5,849.1             | 6,475.4             | 5,861.1             | 43.0            | 42.0        | 101.79                | -2,054.1                          | 177.2      | 344.0                | 259.7                 | 84.25                   | 4.083              |         |
| 6,450.0                | 5,893.2             | 6,526.4             | 5,907.2             | 43.4            | 42.3        | 104.79                | -2,075.5                          | 179.9      | 347.9                | 263.1                 | 84.78                   | 4.104              |         |
| 6,500.0                | 5,938.7             | 6,577.1             | 5,954.6             | 43.7            | 42.6        | 108.63                | -2,093.6                          | 182.7      | 352.0                | 266.8                 | 85.22                   | 4.130              |         |
| 6,550.0                | 5,985.5             | 6,627.7             | 6,003.0             | 44.0            | 42.8        | 113.75                | -2,108.1                          | 185.5      | 356.2                | 270.6                 | 85.56                   | 4.163              |         |
| 6,600.0                | 6,033.3             | 6,678.2             | 6,052.1             | 44.2            | 43.0        | 121.00                | -2,119.2                          | 188.3      | 360.5                | 274.7                 | 85.81                   | 4.201              |         |
| 6,650.0                | 6,081.9             | 6,728.5             | 6,101.8             | 44.4            | 43.1        | 131.86                | -2,126.8                          | 191.2      | 364.9                | 278.9                 | 85.96                   | 4.245              |         |
| 6,700.0                | 6,131.0             | 6,778.7             | 6,151.7             | 44.5            | 43.2        | 148.80                | -2,130.9                          | 194.1      | 369.3                | 283.3                 | 86.02                   | 4.293              |         |
| 6,750.0                | 6,180.3             | 6,828.8             | 6,201.7             | 44.6            | 43.3        | 173.36                | -2,131.5                          | 196.9      | 373.8                | 287.8                 | 86.00                   | 4.347              |         |
| 6,800.0                | 6,229.8             | 6,878.7             | 6,251.4             | 44.6            | 43.3        | -159.89               | -2,128.6                          | 199.7      | 378.3                | 292.4                 | 85.88                   | 4.405              |         |
| 6,850.0                | 6,279.0             | 6,928.5             | 6,300.7             | 44.6            | 43.2        | -139.45               | -2,122.2                          | 202.5      | 382.8                | 297.1                 | 85.68                   | 4.468              |         |
| 6,900.0                | 6,327.9             | 6,978.1             | 6,349.3             | 44.6            | 43.1        | -126.22               | -2,112.5                          | 205.2      | 387.3                | 301.9                 | 85.40                   | 4.534              |         |
| 6,950.0                | 6,376.0             | 7,027.6             | 6,397.0             | 44.5            | 43.0        | -117.64               | -2,099.4                          | 207.9      | 391.7                | 306.6                 | 85.05                   | 4.605              |         |
| 7,000.0                | 6,423.3             | 7,077.0             | 6,443.5             | 44.3            | 42.8        | -111.77               | -2,083.1                          | 210.5      | 396.0                | 311.4                 | 84.63                   | 4.679              |         |
| 7,050.0                | 6,469.4             | 7,126.3             | 6,488.8             | 44.1            | 42.5        | -107.51               | -2,063.7                          | 212.9      | 400.2                | 316.1                 | 84.14                   | 4.757              |         |
| 7,100.0                | 6,514.2             | 7,175.5             | 6,532.5             | 43.9            | 42.3        | -104.28               | -2,041.3                          | 215.3      | 404.4                | 320.8                 | 83.59                   | 4.837              |         |
| 7,150.0                | 6,557.4             | 7,224.6             | 6,574.5             | 43.7            | 42.0        | -101.74               | -2,016.0                          | 217.6      | 408.3                | 325.3                 | 82.99                   | 4.920              |         |
| 7,200.0                | 6,598.8             | 7,273.6             | 6,614.6             | 43.4            | 41.7        | -99.68                | -1,987.9                          | 219.7      | 412.1                | 329.8                 | 82.35                   | 5.005              |         |
| 7,250.0                | 6,638.3             | 7,322.6             | 6,652.6             | 43.1            | 41.3        | -97.98                | -1,957.2                          | 221.8      | 415.8                | 334.1                 | 81.66                   | 5.092              |         |
| 7,300.0                | 6,675.6             | 7,371.4             | 6,688.3             | 42.7            | 40.9        | -96.55                | -1,924.0                          | 223.6      | 419.2                | 338.3                 | 80.94                   | 5.180              |         |
| 7,350.0                | 6,710.5             | 7,420.2             | 6,721.7             | 42.3            | 40.5        | -95.33                | -1,888.5                          | 225.4      | 422.4                | 342.3                 | 80.19                   | 5.268              |         |
| 7,400.0                | 6,742.8             | 7,468.9             | 6,752.6             | 42.0            | 40.1        | -94.30                | -1,850.9                          | 227.0      | 425.4                | 346.0                 | 79.41                   | 5.357              |         |
| 7,450.0                | 6,772.5             | 7,517.5             | 6,780.8             | 41.5            | 39.7        | -93.41                | -1,811.3                          | 228.4      | 428.2                | 349.6                 | 78.63                   | 5.446              |         |
| 7,500.0                | 6,799.4             | 7,566.1             | 6,806.2             | 41.1            | 39.2        | -92.65                | -1,769.9                          | 229.6      | 430.7                | 352.8                 | 77.84                   | 5.533              |         |
| 7,550.0                | 6,823.3             | 7,614.6             | 6,828.8             | 40.7            | 38.8        | -92.00                | -1,726.9                          | 230.7      | 432.9                | 355.9                 | 77.04                   | 5.619              |         |
| 7,600.0                | 6,844.1             | 7,663.1             | 6,848.3             | 40.3            | 38.3        | -91.45                | -1,682.6                          | 231.6      | 434.8                | 358.6                 | 76.25                   | 5.702              |         |
| 7,650.0                | 6,861.8             | 7,711.6             | 6,864.9             | 39.8            | 37.9        | -91.00                | -1,637.1                          | 232.3      | 436.5                | 361.0                 | 75.48                   | 5.783              |         |
| 7,700.0                | 6,876.2             | 7,760.0             | 6,878.3             | 39.4            | 37.4        | -90.64                | -1,590.6                          | 232.9      | 437.8                | 363.1                 | 74.72                   | 5.860              |         |
| 7,750.0                | 6,887.2             | 7,808.4             | 6,888.5             | 39.0            | 37.0        | -90.36                | -1,543.3                          | 233.2      | 438.8                | 364.8                 | 73.97                   | 5.932              |         |
| 7,800.0                | 6,894.9             | 7,856.7             | 6,895.5             | 38.5            | 36.6        | -90.16                | -1,495.5                          | 233.4      | 439.5                | 366.3                 | 73.26                   | 6.000              |         |
| 7,850.0                | 6,899.1             | 7,905.0             | 6,899.3             | 38.1            | 36.1        | -90.04                | -1,447.3                          | 233.4      | 439.9                | 367.4                 | 72.57                   | 6.062              |         |
| 7,886.3                | 6,900.0             | 7,940.3             | 6,900.0             | 37.9            | 35.8        | -90.00                | -1,412.1                          | 233.3      | 440.0                | 367.9                 | 72.09                   | 6.104              |         |
| 7,900.0                | 6,900.0             | 7,953.9             | 6,900.0             | 37.7            | 35.7        | -90.00                | -1,398.4                          | 233.2      | 440.0                | 368.1                 | 71.88                   | 6.122              |         |
| 8,000.0                | 6,900.0             | 8,053.9             | 6,900.0             | 37.0            | 35.0        | -90.00                | -1,298.4                          | 232.7      | 440.0                | 369.6                 | 70.39                   | 6.251              |         |
| 8,100.0                | 6,900.0             | 8,153.9             | 6,900.0             | 36.3            | 34.3        | -90.00                | -1,198.4                          | 232.3      | 440.0                | 370.9                 | 69.07                   | 6.370              |         |
| 8,200.0                | 6,900.0             | 8,253.9             | 6,900.0             | 35.7            | 33.7        | -90.00                | -1,098.4                          | 231.8      | 440.0                | 372.0                 | 67.95                   | 6.475              |         |
| 8,300.0                | 6,900.0             | 8,353.9             | 6,900.0             | 35.1            | 33.2        | -90.00                | -998.4                            | 231.3      | 439.9                | 372.9                 | 67.03                   | 6.564              |         |
| 8,400.0                | 6,900.0             | 8,453.9             | 6,900.0             | 34.7            | 32.8        | -90.00                | -898.4                            | 230.9      | 439.9                | 373.6                 | 66.32                   | 6.634              |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0 ft  |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0 ft  |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,500.0               | 6,900.0             | 8,553.9             | 6,900.0             | 34.4            | 32.5        | -90.00                | -798.4                            | 230.4      | 439.9                | 374.1                 | 65.82                   | 6.684             |                    |         |
| 8,600.0               | 6,900.0             | 8,653.9             | 6,900.0             | 34.1            | 32.3        | -90.00                | -698.4                            | 229.9      | 439.9                | 374.3                 | 65.55                   | 6.711             |                    |         |
| 8,700.0               | 6,900.0             | 8,753.9             | 6,900.0             | 34.0            | 32.2        | -90.00                | -598.4                            | 229.5      | 439.9                | 374.4                 | 65.50                   | 6.716             |                    |         |
| 8,800.0               | 6,900.0             | 8,853.9             | 6,900.0             | 34.0            | 32.3        | -90.00                | -498.4                            | 229.0      | 439.9                | 374.2                 | 65.67                   | 6.698             |                    |         |
| 8,900.0               | 6,900.0             | 8,953.9             | 6,900.0             | 34.1            | 32.4        | -90.00                | -398.4                            | 228.5      | 439.8                | 373.8                 | 66.07                   | 6.657             |                    |         |
| 9,000.0               | 6,900.0             | 9,053.9             | 6,900.0             | 34.3            | 32.7        | -90.00                | -298.4                            | 228.0      | 439.8                | 373.1                 | 66.69                   | 6.595             |                    |         |
| 9,100.0               | 6,900.0             | 9,153.9             | 6,900.0             | 34.6            | 33.1        | -90.00                | -198.4                            | 227.6      | 439.8                | 372.3                 | 67.53                   | 6.513             |                    |         |
| 9,200.0               | 6,900.0             | 9,253.9             | 6,900.0             | 35.1            | 33.6        | -90.00                | -98.4                             | 227.1      | 439.8                | 371.2                 | 68.57                   | 6.414             |                    |         |
| 9,300.0               | 6,900.0             | 9,353.9             | 6,900.0             | 35.7            | 34.2        | -90.00                | 1.6                               | 226.6      | 439.8                | 370.0                 | 69.80                   | 6.300             |                    |         |
| 9,400.0               | 6,900.0             | 9,453.9             | 6,900.0             | 36.4            | 34.9        | -90.00                | 101.6                             | 226.2      | 439.8                | 368.5                 | 71.22                   | 6.174             |                    |         |
| 9,500.0               | 6,900.0             | 9,553.9             | 6,900.0             | 37.1            | 35.7        | -90.00                | 201.6                             | 225.7      | 439.7                | 366.9                 | 72.82                   | 6.039             |                    |         |
| 9,600.0               | 6,900.0             | 9,653.9             | 6,900.0             | 38.0            | 36.6        | -90.00                | 301.6                             | 225.2      | 439.7                | 365.1                 | 74.58                   | 5.896             |                    |         |
| 9,700.0               | 6,900.0             | 9,753.9             | 6,900.0             | 39.0            | 37.5        | -90.00                | 401.6                             | 224.7      | 439.7                | 363.2                 | 76.50                   | 5.748             |                    |         |
| 9,746.1               | 6,900.0             | 9,800.0             | 6,900.0             | 39.4            | 38.0        | -90.00                | 447.6                             | 224.5      | 439.7                | 362.3                 | 77.42                   | 5.679             |                    |         |
| 9,762.0               | 6,900.0             | 9,812.9             | 6,900.0             | 39.6            | 38.1        | -90.00                | 460.5                             | 224.5      | 439.7                | 362.0                 | 77.71                   | 5.658             |                    |         |
| 9,800.0               | 6,900.0             | 9,846.2             | 6,900.0             | 39.9            | 38.4        | -90.00                | 493.9                             | 224.0      | 439.7                | 361.4                 | 78.28                   | 5.616             |                    |         |
| 9,900.0               | 6,900.0             | 9,927.5             | 6,900.0             | 40.7            | 39.0        | -90.00                | 575.1                             | 220.5      | 438.9                | 359.5                 | 79.41                   | 5.527             |                    |         |
| 9,952.6               | 6,900.0             | 9,970.3             | 6,900.0             | 41.1            | 39.3        | -90.00                | 617.7                             | 217.2      | 438.1                | 358.2                 | 79.92                   | 5.482             |                    |         |
| 9,996.0               | 6,900.0             | 10,006.1            | 6,900.0             | 41.6            | 39.6        | -90.00                | 653.3                             | 213.8      | 437.8                | 357.2                 | 80.61                   | 5.431             |                    |         |
| 10,000.0              | 6,900.0             | 10,009.5            | 6,900.0             | 41.6            | 39.6        | -90.00                | 656.8                             | 213.4      | 437.8                | 357.1                 | 80.68                   | 5.426             |                    |         |
| 10,100.0              | 6,900.0             | 10,109.5            | 6,900.0             | 42.9            | 40.7        | -90.00                | 756.2                             | 202.9      | 437.9                | 354.9                 | 82.97                   | 5.277             |                    |         |
| 10,200.0              | 6,900.0             | 10,209.5            | 6,900.0             | 44.2            | 42.0        | -90.00                | 855.6                             | 192.3      | 438.0                | 352.4                 | 85.58                   | 5.118             |                    |         |
| 10,300.0              | 6,900.0             | 10,309.5            | 6,900.0             | 45.6            | 43.3        | -90.00                | 955.1                             | 181.7      | 438.1                | 349.9                 | 88.28                   | 4.963             |                    |         |
| 10,400.0              | 6,900.0             | 10,409.5            | 6,900.0             | 47.0            | 44.7        | -90.00                | 1,054.5                           | 171.2      | 438.3                | 347.2                 | 91.07                   | 4.812             |                    |         |
| 10,500.0              | 6,900.0             | 10,509.5            | 6,900.0             | 48.5            | 46.2        | -90.00                | 1,154.0                           | 160.6      | 438.4                | 344.4                 | 93.95                   | 4.666             |                    |         |
| 10,600.0              | 6,900.0             | 10,609.5            | 6,900.0             | 50.0            | 47.7        | -90.00                | 1,253.4                           | 150.0      | 438.5                | 341.6                 | 96.90                   | 4.525             |                    |         |
| 10,700.0              | 6,900.0             | 10,709.5            | 6,900.0             | 51.5            | 49.2        | -90.00                | 1,352.8                           | 139.4      | 438.6                | 338.7                 | 99.91                   | 4.390             |                    |         |
| 10,800.0              | 6,900.0             | 10,809.5            | 6,900.0             | 53.0            | 50.7        | -90.00                | 1,452.3                           | 128.9      | 438.7                | 335.7                 | 102.99                  | 4.260             |                    |         |
| 10,900.0              | 6,900.0             | 10,909.5            | 6,900.0             | 54.6            | 52.3        | -90.00                | 1,551.7                           | 118.3      | 438.8                | 332.7                 | 106.13                  | 4.135             |                    |         |
| 11,000.0              | 6,900.0             | 11,009.5            | 6,900.0             | 56.2            | 53.9        | -90.00                | 1,651.2                           | 107.7      | 439.0                | 329.6                 | 109.32                  | 4.016             |                    |         |
| 11,100.0              | 6,900.0             | 11,109.5            | 6,900.0             | 57.8            | 55.5        | -90.00                | 1,750.6                           | 97.2       | 439.1                | 326.5                 | 112.55                  | 3.901             |                    |         |
| 11,200.0              | 6,900.0             | 11,209.5            | 6,900.0             | 59.5            | 57.1        | -90.00                | 1,850.0                           | 86.6       | 439.2                | 323.4                 | 115.83                  | 3.792             |                    |         |
| 11,300.0              | 6,900.0             | 11,309.5            | 6,900.0             | 61.1            | 58.8        | -90.00                | 1,949.5                           | 76.0       | 439.3                | 320.2                 | 119.15                  | 3.687             |                    |         |
| 11,400.0              | 6,900.0             | 11,409.5            | 6,900.0             | 62.8            | 60.5        | -90.00                | 2,048.9                           | 65.5       | 439.4                | 316.9                 | 122.50                  | 3.587             |                    |         |
| 11,500.0              | 6,900.0             | 11,509.5            | 6,900.0             | 64.5            | 62.2        | -90.00                | 2,148.4                           | 54.9       | 439.6                | 313.7                 | 125.89                  | 3.492             |                    |         |
| 11,600.0              | 6,900.0             | 11,609.5            | 6,900.0             | 66.2            | 63.9        | -90.00                | 2,247.8                           | 44.3       | 439.7                | 310.4                 | 129.31                  | 3.400             |                    |         |
| 11,639.0              | 6,900.0             | 11,648.5            | 6,900.0             | 66.9            | 64.6        | -90.00                | 2,286.6                           | 40.2       | 439.7                | 309.1                 | 130.66                  | 3.365 SF          |                    |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14) |                     |                     |                     |                |             |                                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0ft |
|---|---------------------|---------------------|---------------------|----------------|-------------|---------------------------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|-------|
| Survey Program: 0-MWD   |                     |                     |                     |                |             |                                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0ft |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Semi Major Axis Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning            |       |
| 0.0   | 0.0                 | 0.0                 | 0.0                 | 0.0            | 0.0         | -180.00                               | -20.0                             | 0.0        | 20.0                 |                       |                         |                   |                    |       |
| 100.0   | 100.0               | 100.0               | 100.0               | 0.1            | 0.1         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 19.8                  | 0.22                    | 89.128            |                    |       |
| 200.0   | 200.0               | 200.0               | 200.0               | 0.3            | 0.3         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 19.4                  | 0.67                    | 29.709            |                    |       |
| 300.0   | 300.0               | 300.0               | 300.0               | 0.6            | 0.6         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 18.9                  | 1.12                    | 17.826            |                    |       |
| 400.0   | 400.0               | 400.0               | 400.0               | 0.8            | 0.8         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 18.5                  | 1.57                    | 12.733            |                    |       |
| 500.0   | 500.0               | 500.0               | 500.0               | 1.0            | 1.0         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 18.0                  | 2.02                    | 9.903             |                    |       |
| 600.0   | 600.0               | 600.0               | 600.0               | 1.2            | 1.2         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 17.6                  | 2.47                    | 8.103             |                    |       |
| 700.0   | 700.0               | 700.0               | 700.0               | 1.5            | 1.5         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 17.1                  | 2.92                    | 6.856             |                    |       |
| 800.0   | 800.0               | 800.0               | 800.0               | 1.7            | 1.7         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 16.7                  | 3.37                    | 5.942             |                    |       |
| 900.0   | 900.0               | 900.0               | 900.0               | 1.9            | 1.9         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 16.2                  | 3.82                    | 5.243             |                    |       |
| 1,000.0   | 1,000.0             | 1,000.0             | 1,000.0             | 2.1            | 2.1         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 15.8                  | 4.27                    | 4.691             |                    |       |
| 1,100.0   | 1,100.0             | 1,100.0             | 1,100.0             | 2.4            | 2.4         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 15.3                  | 4.72                    | 4.244             |                    |       |
| 1,200.0   | 1,200.0             | 1,200.0             | 1,200.0             | 2.6            | 2.6         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 14.9                  | 5.17                    | 3.875             |                    |       |
| 1,300.0   | 1,300.0             | 1,300.0             | 1,300.0             | 2.8            | 2.8         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 14.4                  | 5.62                    | 3.565             |                    |       |
| 1,400.0   | 1,400.0             | 1,400.0             | 1,400.0             | 3.0            | 3.0         | -180.00                               | -20.0                             | 0.0        | 20.0                 | 14.0                  | 6.07                    | 3.301 CC, ES      |                    |       |
| 1,500.0   | 1,500.0             | 1,499.3             | 1,499.3             | 3.3            | 3.2         | 178.48                                | -21.7                             | 0.6        | 21.7                 | 15.2                  | 6.49                    | 3.340             |                    |       |
| 1,600.0   | 1,600.0             | 1,598.4             | 1,598.2             | 3.5            | 3.4         | 175.06                                | -26.5                             | 2.3        | 26.7                 | 19.8                  | 6.89                    | 3.870             |                    |       |
| 1,700.0   | 1,700.0             | 1,697.1             | 1,696.6             | 3.7            | 3.6         | 6.16                                  | -34.5                             | 5.1        | 33.4                 | 26.1                  | 7.26                    | 4.594             |                    |       |
| 1,800.0   | 1,799.8             | 1,795.6             | 1,794.4             | 3.9            | 3.8         | 3.59                                  | -45.7                             | 9.1        | 40.0                 | 32.4                  | 7.61                    | 5.264             |                    |       |
| 1,900.0   | 1,899.5             | 1,893.9             | 1,891.5             | 4.0            | 4.0         | 1.40                                  | -60.1                             | 14.2       | 46.7                 | 38.8                  | 7.96                    | 5.870             |                    |       |
| 2,000.0   | 1,998.7             | 1,992.0             | 1,987.8             | 4.2            | 4.3         | -0.56                                 | -77.5                             | 20.3       | 53.4                 | 45.0                  | 8.31                    | 6.420             |                    |       |
| 2,100.0   | 2,097.5             | 2,089.8             | 2,083.2             | 4.5            | 4.6         | -2.37                                 | -98.0                             | 27.6       | 60.0                 | 51.3                  | 8.67                    | 6.918             |                    |       |
| 2,200.0   | 2,195.6             | 2,187.4             | 2,177.6             | 4.7            | 4.9         | -4.07                                 | -121.4                            | 35.9       | 66.6                 | 57.5                  | 9.04                    | 7.368             |                    |       |
| 2,300.0   | 2,293.1             | 2,284.8             | 2,270.8             | 5.0            | 5.4         | -5.68                                 | -147.8                            | 45.2       | 73.2                 | 63.7                  | 9.41                    | 7.772             |                    |       |
| 2,400.0   | 2,389.6             | 2,382.0             | 2,362.9             | 5.4            | 5.8         | -7.24                                 | -177.1                            | 55.6       | 79.7                 | 69.9                  | 9.80                    | 8.132             |                    |       |
| 2,500.0   | 2,485.3             | 2,478.9             | 2,453.6             | 5.8            | 6.4         | -8.75                                 | -209.3                            | 67.0       | 86.3                 | 76.0                  | 10.22                   | 8.442             |                    |       |
| 2,600.0   | 2,579.8             | 2,575.7             | 2,543.0             | 6.3            | 7.0         | -10.22                                | -244.3                            | 79.4       | 92.8                 | 82.1                  | 10.66                   | 8.705             |                    |       |
| 2,700.0   | 2,673.2             | 2,672.2             | 2,630.8             | 6.8            | 7.6         | -11.66                                | -282.0                            | 92.7       | 99.3                 | 88.2                  | 11.14                   | 8.916             |                    |       |
| 2,800.0   | 2,765.2             | 2,768.6             | 2,717.1             | 7.4            | 8.4         | -13.07                                | -322.4                            | 107.0      | 105.8                | 94.1                  | 11.66                   | 9.074             |                    |       |
| 2,900.0   | 2,855.8             | 2,867.6             | 2,804.7             | 8.1            | 9.2         | -14.59                                | -365.9                            | 122.4      | 111.3                | 99.1                  | 12.25                   | 9.083             |                    |       |
| 3,000.0   | 2,944.9             | 2,967.5             | 2,893.1             | 8.9            | 10.0        | -16.47                                | -409.8                            | 137.9      | 113.6                | 100.7                 | 12.94                   | 8.781             |                    |       |
| 3,100.0   | 3,032.4             | 3,067.4             | 2,981.5             | 9.7            | 10.9        | -18.84                                | -453.7                            | 153.4      | 112.7                | 99.0                  | 13.76                   | 8.194             |                    |       |
| 3,171.0   | 3,093.4             | 3,138.2             | 3,044.1             | 10.3           | 11.5        | -20.95                                | -484.8                            | 164.5      | 110.2                | 95.8                  | 14.46                   | 7.622             |                    |       |
| 3,200.0   | 3,118.2             | 3,167.1             | 3,069.7             | 10.6           | 11.8        | -21.89                                | -497.5                            | 169.0      | 108.9                | 94.1                  | 14.82                   | 7.350             |                    |       |
| 3,300.0   | 3,203.5             | 3,266.8             | 3,157.9             | 11.5           | 12.6        | -25.34                                | -541.4                            | 184.5      | 104.7                | 88.5                  | 16.19                   | 6.466             |                    |       |
| 3,400.0   | 3,288.9             | 3,366.5             | 3,246.1             | 12.5           | 13.5        | -29.06                                | -585.2                            | 200.0      | 100.8                | 83.0                  | 17.79                   | 5.666             |                    |       |
| 3,500.0   | 3,374.2             | 3,466.2             | 3,334.3             | 13.4           | 14.4        | -33.06                                | -629.0                            | 215.5      | 97.4                 | 77.8                  | 19.65                   | 4.957             |                    |       |
| 3,600.0   | 3,459.5             | 3,565.9             | 3,422.5             | 14.4           | 15.3        | -37.33                                | -672.9                            | 231.0      | 94.5                 | 72.8                  | 21.77                   | 4.341             |                    |       |
| 3,700.0   | 3,544.9             | 3,665.6             | 3,510.7             | 15.4           | 16.2        | -41.83                                | -716.7                            | 246.5      | 92.2                 | 68.0                  | 24.15                   | 3.818             |                    |       |
| 3,800.0   | 3,630.2             | 3,765.3             | 3,598.9             | 16.4           | 17.2        | -46.54                                | -760.5                            | 262.0      | 90.5                 | 63.7                  | 26.74                   | 3.383             |                    |       |
| 3,900.0   | 3,715.5             | 3,865.0             | 3,687.1             | 17.4           | 18.1        | -51.39                                | -804.4                            | 277.5      | 89.4                 | 59.9                  | 29.51                   | 3.029             |                    |       |
| 4,000.0   | 3,800.9             | 3,964.7             | 3,775.3             | 18.4           | 19.0        | -56.33                                | -848.2                            | 293.0      | 88.9                 | 56.5                  | 32.39                   | 2.746             |                    |       |
| 4,015.3   | 3,813.9             | 3,979.9             | 3,788.7             | 18.5           | 19.1        | -57.09                                | -854.9                            | 295.4      | 88.9                 | 56.1                  | 32.83                   | 2.708             |                    |       |
| 4,100.0   | 3,886.2             | 4,064.4             | 3,863.5             | 19.4           | 19.9        | -61.28                                | -892.0                            | 308.6      | 89.2                 | 53.9                  | 35.31                   | 2.525             |                    |       |
| 4,200.0   | 3,971.6             | 4,164.1             | 3,951.6             | 20.4           | 20.8        | -66.17                                | -935.9                            | 324.1      | 90.1                 | 51.9                  | 38.21                   | 2.357             |                    |       |
| 4,300.0   | 4,056.9             | 4,263.8             | 4,039.8             | 21.4           | 21.8        | -70.92                                | -979.7                            | 339.6      | 91.6                 | 50.6                  | 41.02                   | 2.233             |                    |       |
| 4,400.0   | 4,142.2             | 4,363.5             | 4,128.0             | 22.4           | 22.7        | -75.50                                | -1,023.5                          | 355.1      | 93.8                 | 50.0                  | 43.71                   | 2.145             |                    |       |
| 4,500.0   | 4,227.6             | 4,463.2             | 4,216.2             | 23.5           | 23.6        | -79.84                                | -1,067.4                          | 370.6      | 96.5                 | 50.2                  | 46.25                   | 2.086             |                    |       |
| 4,600.0   | 4,312.9             | 4,562.9             | 4,304.4             | 24.5           | 24.5        | -83.92                                | -1,111.2                          | 386.1      | 99.7                 | 51.1                  | 48.62                   | 2.051             |                    |       |
| 4,700.0   | 4,398.2             | 4,662.6             | 4,392.6             | 25.5           | 25.5        | -87.73                                | -1,155.0                          | 401.6      | 103.4                | 52.6                  | 50.83                   | 2.035             |                    |       |
| 4,800.0   | 4,483.6             | 4,762.3             | 4,480.8             | 26.5           | 26.4        | -91.26                                | -1,198.9                          | 417.1      | 107.6                | 54.7                  | 52.88                   | 2.034             |                    |       |
| 4,900.0   | 4,568.9             | 4,862.0             | 4,569.0             | 27.6           | 27.3        | -94.52                                | -1,242.7                          | 432.6      | 112.1                | 57.3                  | 54.80                   | 2.046             |                    |       |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14) |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0ft   |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Survey Program: 0-MWDD  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0ft   |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 5,000.0   | 4,654.3             | 4,961.7             | 4,657.2             | 28.6            | 28.3        | -97.51                | -1,286.6                          | 448.1      | 117.0                | 60.4                  | 56.59                   | 2.067              |         |
| 5,100.0   | 4,739.6             | 5,061.4             | 4,745.4             | 29.6            | 29.2        | -100.27               | -1,330.4                          | 463.7      | 122.1                | 63.8                  | 58.28                   | 2.096              |         |
| 5,200.0   | 4,824.9             | 5,161.1             | 4,833.6             | 30.7            | 30.1        | -102.79               | -1,374.2                          | 479.2      | 127.5                | 67.7                  | 59.87                   | 2.130              |         |
| 5,300.0   | 4,910.3             | 5,260.9             | 4,921.8             | 31.7            | 31.1        | -105.11               | -1,418.1                          | 494.7      | 133.2                | 71.8                  | 61.40                   | 2.169              |         |
| 5,400.0   | 4,995.6             | 5,360.6             | 5,010.0             | 32.7            | 32.0        | -107.23               | -1,461.9                          | 510.2      | 139.0                | 76.2                  | 62.86                   | 2.211              |         |
| 5,500.0   | 5,080.9             | 5,460.3             | 5,098.2             | 33.7            | 32.9        | -109.18               | -1,505.7                          | 525.7      | 145.0                | 80.8                  | 64.27                   | 2.256              |         |
| 5,600.0   | 5,166.3             | 5,560.0             | 5,186.4             | 34.8            | 33.9        | -110.98               | -1,549.6                          | 541.2      | 151.2                | 85.5                  | 65.65                   | 2.303              |         |
| 5,700.0   | 5,251.6             | 5,659.7             | 5,274.6             | 35.8            | 34.8        | -112.63               | -1,593.4                          | 556.7      | 157.5                | 90.5                  | 66.99                   | 2.351              |         |
| 5,800.0   | 5,337.0             | 5,759.4             | 5,362.8             | 36.9            | 35.8        | -114.16               | -1,637.2                          | 572.2      | 163.9                | 95.6                  | 68.30                   | 2.400              |         |
| 5,900.0   | 5,422.3             | 5,859.1             | 5,451.0             | 37.9            | 36.7        | -115.56               | -1,681.1                          | 587.7      | 170.5                | 100.9                 | 69.60                   | 2.449              |         |
| 6,000.0   | 5,507.6             | 5,958.8             | 5,539.2             | 38.9            | 37.6        | -116.87               | -1,724.9                          | 603.2      | 177.1                | 106.2                 | 70.88                   | 2.498              |         |
| 6,100.0   | 5,593.0             | 6,058.5             | 5,627.4             | 40.0            | 38.6        | -118.08               | -1,768.7                          | 618.8      | 183.8                | 111.7                 | 72.15                   | 2.548              |         |
| 6,200.0   | 5,678.3             | 6,158.2             | 5,715.6             | 41.0            | 39.5        | -119.20               | -1,812.6                          | 634.3      | 190.6                | 117.2                 | 73.40                   | 2.596              |         |
| 6,300.0   | 5,763.6             | 6,257.9             | 5,803.8             | 42.0            | 40.4        | -120.25               | -1,856.4                          | 649.8      | 197.4                | 122.8                 | 74.65                   | 2.645              |         |
| 6,381.6   | 5,833.3             | 6,339.2             | 5,875.7             | 42.9            | 41.2        | -121.05               | -1,892.2                          | 662.4      | 203.1                | 127.4                 | 75.67                   | 2.684              |         |
| 6,400.0   | 5,849.1             | 6,357.6             | 5,892.0             | 43.0            | 41.4        | -120.53               | -1,900.2                          | 665.3      | 204.2                | 128.3                 | 75.91                   | 2.690              |         |
| 6,450.0   | 5,893.2             | 6,407.6             | 5,936.2             | 43.4            | 41.9        | -118.15               | -1,922.2                          | 673.1      | 205.4                | 128.7                 | 76.72                   | 2.678              |         |
| 6,500.0   | 5,938.7             | 6,457.5             | 5,980.3             | 43.7            | 42.3        | -114.15               | -1,944.1                          | 680.8      | 204.1                | 126.3                 | 77.83                   | 2.623              |         |
| 6,550.0   | 5,985.5             | 6,507.0             | 6,024.2             | 44.0            | 42.8        | -108.03               | -1,965.9                          | 688.5      | 200.3                | 121.1                 | 79.22                   | 2.529              |         |
| 6,600.0   | 6,033.3             | 6,556.1             | 6,067.5             | 44.2            | 43.3        | -98.89                | -1,987.5                          | 696.2      | 194.3                | 113.4                 | 80.90                   | 2.402              |         |
| 6,650.0   | 6,081.9             | 6,604.3             | 6,110.2             | 44.4            | 43.7        | -85.08                | -2,008.7                          | 703.7      | 186.4                | 103.6                 | 82.84                   | 2.250              |         |
| 6,700.0   | 6,131.0             | 6,651.5             | 6,151.9             | 44.5            | 44.2        | -64.01                | -2,029.4                          | 711.0      | 177.2                | 92.2                  | 84.93                   | 2.086              |         |
| 6,750.0   | 6,180.3             | 6,697.4             | 6,192.6             | 44.6            | 44.6        | -33.99                | -2,049.6                          | 718.1      | 167.3                | 80.4                  | 86.91                   | 1.925              |         |
| 6,800.0   | 6,229.8             | 6,739.3             | 6,229.9             | 44.6            | 44.9        | -1.05                 | -2,067.5                          | 724.7      | 158.3                | 70.2                  | 88.20                   | 1.795              |         |
| 6,850.0   | 6,279.0             | 6,780.7             | 6,267.7             | 44.6            | 45.2        | 26.09                 | -2,083.1                          | 731.3      | 151.9                | 63.4                  | 88.51                   | 1.717              |         |
| 6,900.0   | 6,327.9             | 6,823.3             | 6,307.4             | 44.6            | 45.4        | 46.48                 | -2,096.7                          | 738.3      | 148.7                | 61.1                  | 87.68                   | 1.696 SF           |         |
| 6,919.1   | 6,346.4             | 6,839.8             | 6,323.1             | 44.5            | 45.5        | 53.00                 | -2,101.4                          | 741.0      | 148.5                | 61.4                  | 87.03                   | 1.706              |         |
| 6,950.0   | 6,376.0             | 6,866.9             | 6,348.9             | 44.5            | 45.6        | 62.42                 | -2,108.2                          | 745.5      | 149.2                | 63.6                  | 85.61                   | 1.743              |         |
| 7,000.0   | 6,423.3             | 6,911.9             | 6,392.3             | 44.3            | 45.8        | 75.54                 | -2,117.3                          | 753.1      | 153.4                | 71.0                  | 82.39                   | 1.862              |         |
| 7,050.0   | 6,469.4             | 6,958.4             | 6,437.6             | 44.1            | 46.0        | 86.63                 | -2,123.8                          | 761.0      | 161.3                | 83.0                  | 78.33                   | 2.059              |         |
| 7,100.0   | 6,514.2             | 7,006.5             | 6,484.9             | 43.9            | 46.1        | 96.10                 | -2,127.4                          | 769.2      | 172.3                | 98.5                  | 73.77                   | 2.336              |         |
| 7,150.0   | 6,557.4             | 7,056.5             | 6,534.1             | 43.7            | 46.1        | 104.20                | -2,127.7                          | 777.8      | 186.0                | 116.9                 | 69.07                   | 2.692              |         |
| 7,200.0   | 6,598.8             | 7,108.6             | 6,585.3             | 43.4            | 46.2        | 111.12                | -2,124.3                          | 786.6      | 201.6                | 137.1                 | 64.49                   | 3.127              |         |
| 7,250.0   | 6,638.3             | 7,163.0             | 6,638.4             | 43.1            | 46.1        | 117.03                | -2,116.8                          | 795.8      | 218.8                | 158.6                 | 60.18                   | 3.636              |         |
| 7,300.0   | 6,675.6             | 7,220.1             | 6,693.3             | 42.7            | 46.1        | 122.09                | -2,104.5                          | 805.3      | 236.9                | 180.7                 | 56.23                   | 4.213              |         |
| 7,350.0   | 6,710.5             | 7,280.1             | 6,749.8             | 42.3            | 45.9        | 126.42                | -2,086.8                          | 815.0      | 255.6                | 202.9                 | 52.70                   | 4.849              |         |
| 7,400.0   | 6,742.8             | 7,343.4             | 6,807.6             | 42.0            | 45.7        | 130.15                | -2,063.0                          | 824.9      | 274.3                | 224.7                 | 49.61                   | 5.530              |         |
| 7,450.0   | 6,772.5             | 7,410.4             | 6,866.3             | 41.5            | 45.4        | 133.35                | -2,032.3                          | 834.9      | 292.8                | 245.9                 | 46.96                   | 6.236              |         |
| 7,500.0   | 6,799.4             | 7,481.4             | 6,925.1             | 41.1            | 45.0        | 136.10                | -1,993.9                          | 844.9      | 310.7                | 265.9                 | 44.78                   | 6.938              |         |
| 7,550.0   | 6,823.3             | 7,556.6             | 6,982.9             | 40.7            | 44.6        | 138.44                | -1,946.9                          | 854.7      | 327.6                | 284.5                 | 43.09                   | 7.601              |         |
| 7,600.0   | 6,844.1             | 7,636.2             | 7,038.6             | 40.3            | 44.0        | 140.43                | -1,890.8                          | 864.1      | 343.1                | 301.2                 | 41.92                   | 8.185              |         |
| 7,650.0   | 6,861.8             | 7,720.4             | 7,090.4             | 39.8            | 43.4        | 142.07                | -1,825.0                          | 872.7      | 356.8                | 315.6                 | 41.26                   | 8.648              |         |
| 7,700.0   | 6,876.2             | 7,808.9             | 7,136.2             | 39.4            | 42.7        | 143.39                | -1,749.8                          | 880.3      | 368.5                | 327.3                 | 41.13                   | 8.958              |         |
| 7,750.0   | 6,887.2             | 7,901.3             | 7,173.9             | 39.0            | 42.0        | 144.39                | -1,665.8                          | 886.5      | 377.7                | 336.2                 | 41.52                   | 9.096              |         |
| 7,800.0   | 6,894.9             | 7,996.8             | 7,201.4             | 38.5            | 41.2        | 145.08                | -1,574.5                          | 890.8      | 384.1                | 341.8                 | 42.39                   | 9.062              |         |
| 7,850.0   | 6,899.1             | 8,094.4             | 7,216.9             | 38.1            | 40.4        | 145.44                | -1,478.2                          | 893.0      | 387.6                | 344.0                 | 43.69                   | 8.873              |         |
| 7,886.3   | 6,900.0             | 8,163.8             | 7,220.0             | 37.9            | 39.9        | 145.50                | -1,408.9                          | 893.2      | 388.3                | 343.4                 | 44.86                   | 8.655              |         |
| 7,900.0   | 6,900.0             | 8,177.4             | 7,220.0             | 37.7            | 39.7        | 145.50                | -1,395.3                          | 893.1      | 388.3                | 343.5                 | 44.81                   | 8.665              |         |
| 8,000.0   | 6,900.0             | 8,277.4             | 7,220.0             | 37.0            | 39.0        | 145.50                | -1,295.3                          | 892.6      | 388.3                | 343.8                 | 44.47                   | 8.731              |         |
| 8,100.0   | 6,900.0             | 8,377.4             | 7,220.0             | 36.3            | 38.3        | 145.51                | -1,195.3                          | 892.1      | 388.3                | 344.0                 | 44.27                   | 8.771              |         |
| 8,200.0   | 6,900.0             | 8,477.4             | 7,220.0             | 35.7            | 37.7        | 145.51                | -1,095.3                          | 891.7      | 388.3                | 344.1                 | 44.20                   | 8.784              |         |
| 8,300.0   | 6,900.0             | 8,577.4             | 7,220.0             | 35.1            | 37.1        | 145.51                | -995.3                            | 891.2      | 388.3                | 344.0                 | 44.28                   | 8.769              |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| SRV Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14) |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|--------|
| Survey Program: 0-MWD   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0 ft |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    |        |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning            |        |
| 8,400.0   | 6,900.0             | 8,677.4             | 7,220.0             | 34.7            | 36.7        | 145.51                | -895.3                            | 890.7      | 388.3                | 343.8                 | 44.49                   | 8.726             |                    |        |
| 8,500.0   | 6,900.0             | 8,777.4             | 7,220.0             | 34.4            | 36.3        | 145.51                | -795.3                            | 890.2      | 388.3                | 343.4                 | 44.84                   | 8.658             |                    |        |
| 8,600.0   | 6,900.0             | 8,877.4             | 7,220.0             | 34.1            | 36.0        | 145.51                | -695.3                            | 889.7      | 388.3                | 342.9                 | 45.33                   | 8.565             |                    |        |
| 8,700.0   | 6,900.0             | 8,977.4             | 7,220.0             | 34.0            | 35.8        | 145.51                | -595.3                            | 889.2      | 388.3                | 342.3                 | 45.95                   | 8.450             |                    |        |
| 8,800.0   | 6,900.0             | 9,077.4             | 7,220.0             | 34.0            | 35.7        | 145.51                | -495.3                            | 888.7      | 388.3                | 341.6                 | 46.69                   | 8.316             |                    |        |
| 8,900.0   | 6,900.0             | 9,177.4             | 7,220.0             | 34.1            | 35.7        | 145.51                | -395.3                            | 888.2      | 388.3                | 340.7                 | 47.54                   | 8.166             |                    |        |
| 9,000.0   | 6,900.0             | 9,277.4             | 7,220.0             | 34.3            | 35.8        | 145.51                | -295.3                            | 887.7      | 388.3                | 339.7                 | 48.52                   | 8.003             |                    |        |
| 9,100.0   | 6,900.0             | 9,377.4             | 7,220.0             | 34.6            | 36.1        | 145.51                | -195.3                            | 887.2      | 388.3                | 338.7                 | 49.59                   | 7.829             |                    |        |
| 9,200.0   | 6,900.0             | 9,477.4             | 7,220.0             | 35.1            | 36.5        | 145.51                | -95.3                             | 886.7      | 388.3                | 337.5                 | 50.77                   | 7.647             |                    |        |
| 9,300.0   | 6,900.0             | 9,577.4             | 7,220.0             | 35.7            | 37.0        | 145.51                | 4.7                               | 886.3      | 388.3                | 336.2                 | 52.04                   | 7.461             |                    |        |
| 9,400.0   | 6,900.0             | 9,677.4             | 7,220.0             | 36.4            | 37.6        | 145.51                | 104.7                             | 885.8      | 388.3                | 334.9                 | 53.39                   | 7.272             |                    |        |
| 9,500.0   | 6,900.0             | 9,777.4             | 7,220.0             | 37.1            | 38.3        | 145.51                | 204.7                             | 885.3      | 388.3                | 333.4                 | 54.83                   | 7.081             |                    |        |
| 9,600.0   | 6,900.0             | 9,877.4             | 7,220.0             | 38.0            | 39.2        | 145.51                | 304.7                             | 884.8      | 388.3                | 331.9                 | 56.34                   | 6.892             |                    |        |
| 9,700.0   | 6,900.0             | 9,977.4             | 7,220.0             | 39.0            | 40.1        | 145.51                | 404.7                             | 884.3      | 388.3                | 330.3                 | 57.91                   | 6.704             |                    |        |
| 9,762.0   | 6,900.0             | 10,039.4            | 7,220.0             | 39.6            | 40.7        | 145.51                | 466.7                             | 884.0      | 388.3                | 329.3                 | 58.92                   | 6.590             |                    |        |
| 9,800.0   | 6,900.0             | 10,082.2            | 7,220.0             | 39.9            | 41.1        | 145.51                | 509.5                             | 883.3      | 388.2                | 328.5                 | 59.72                   | 6.501             |                    |        |
| 9,900.0   | 6,900.0             | 10,195.2            | 7,220.0             | 40.7            | 42.0        | 145.57                | 622.3                             | 877.0      | 387.9                | 326.3                 | 61.63                   | 6.295             |                    |        |
| 9,951.6   | 6,900.0             | 10,250.8            | 7,220.0             | 41.1            | 42.5        | 145.62                | 677.6                             | 871.5      | 387.7                | 325.1                 | 62.61                   | 6.193             |                    |        |
| 9,952.6   | 6,900.0             | 10,251.8            | 7,220.0             | 41.1            | 42.5        | 145.62                | 678.6                             | 871.4      | 387.7                | 325.1                 | 62.63                   | 6.191             |                    |        |
| 10,000.0  | 6,900.0             | 10,299.2            | 7,220.0             | 41.6            | 43.0        | 145.62                | 725.8                             | 866.5      | 387.7                | 324.3                 | 63.40                   | 6.116             |                    |        |
| 10,100.0  | 6,900.0             | 10,399.2            | 7,220.0             | 42.9            | 44.3        | 145.61                | 825.2                             | 856.1      | 387.8                | 322.5                 | 65.22                   | 5.945             |                    |        |
| 10,200.0  | 6,900.0             | 10,499.2            | 7,220.0             | 44.2            | 45.7        | 145.61                | 924.7                             | 845.7      | 387.8                | 320.7                 | 67.09                   | 5.780             |                    |        |
| 10,300.0  | 6,900.0             | 10,599.2            | 7,220.0             | 45.6            | 47.0        | 145.60                | 1,024.2                           | 835.3      | 387.8                | 318.8                 | 69.01                   | 5.620             |                    |        |
| 10,400.0  | 6,900.0             | 10,699.2            | 7,220.0             | 47.0            | 48.5        | 145.59                | 1,123.6                           | 824.9      | 387.9                | 316.9                 | 70.96                   | 5.466             |                    |        |
| 10,500.0  | 6,900.0             | 10,799.2            | 7,220.0             | 48.5            | 49.9        | 145.59                | 1,223.1                           | 814.5      | 387.9                | 314.9                 | 72.95                   | 5.317             |                    |        |
| 10,600.0  | 6,900.0             | 10,899.2            | 7,220.0             | 50.0            | 51.4        | 145.58                | 1,322.5                           | 804.1      | 387.9                | 312.9                 | 74.97                   | 5.174             |                    |        |
| 10,700.0  | 6,900.0             | 10,999.2            | 7,220.0             | 51.5            | 52.9        | 145.58                | 1,422.0                           | 793.7      | 387.9                | 310.9                 | 77.02                   | 5.037             |                    |        |
| 10,800.0  | 6,900.0             | 11,099.2            | 7,220.0             | 53.0            | 54.5        | 145.57                | 1,521.4                           | 783.3      | 388.0                | 308.9                 | 79.10                   | 4.905             |                    |        |
| 10,900.0  | 6,900.0             | 11,199.2            | 7,220.0             | 54.6            | 56.0        | 145.56                | 1,620.9                           | 772.9      | 388.0                | 306.8                 | 81.20                   | 4.778             |                    |        |
| 11,000.0  | 6,900.0             | 11,299.2            | 7,220.0             | 56.2            | 57.6        | 145.56                | 1,720.4                           | 762.5      | 388.0                | 304.7                 | 83.33                   | 4.656             |                    |        |
| 11,100.0  | 6,900.0             | 11,399.2            | 7,220.0             | 57.8            | 59.2        | 145.55                | 1,819.8                           | 752.1      | 388.1                | 302.6                 | 85.49                   | 4.539             |                    |        |
| 11,200.0  | 6,900.0             | 11,499.2            | 7,220.0             | 59.5            | 60.9        | 145.54                | 1,919.3                           | 741.7      | 388.1                | 300.4                 | 87.66                   | 4.427             |                    |        |
| 11,300.0  | 6,900.0             | 11,599.2            | 7,220.0             | 61.1            | 62.5        | 145.54                | 2,018.7                           | 731.3      | 388.1                | 298.3                 | 89.85                   | 4.319             |                    |        |
| 11,400.0  | 6,900.0             | 11,699.2            | 7,220.0             | 62.8            | 64.2        | 145.53                | 2,118.2                           | 720.9      | 388.1                | 296.1                 | 92.06                   | 4.216             |                    |        |
| 11,500.0  | 6,900.0             | 11,799.2            | 7,220.0             | 64.5            | 65.9        | 145.52                | 2,217.7                           | 710.5      | 388.2                | 293.9                 | 94.29                   | 4.117             |                    |        |
| 11,600.0  | 6,900.0             | 11,899.2            | 7,220.0             | 66.2            | 67.6        | 145.52                | 2,317.1                           | 700.1      | 388.2                | 291.7                 | 96.54                   | 4.021             |                    |        |
| 11,600.0  | 6,900.0             | 11,899.2            | 7,220.0             | 66.2            | 67.6        | 145.52                | 2,317.1                           | 700.1      | 388.2                | 291.7                 | 96.54                   | 4.021             |                    |        |
| 11,639.0  | 6,900.0             | 11,914.9            | 7,220.0             | 66.9            | 67.8        | 145.52                | 2,332.7                           | 698.5      | 388.9                | 291.8                 | 97.15                   | 4.003             |                    |        |

| Offset Design      SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14) |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Site Error: | 0.0 ft  |
|--|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD  |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Well Error: | 0.0 ft  |
| Reference  |                | Offset         |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                    |                   |                    | Warning |
| Measured Depth   | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Minimum Separation | Separation Factor |                    |         |
| (ft)   | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | (ft)               |                   |                    |         |
| 0.0  | 0.0            | 0.0            | 0.0            | 0.0             | 0.0    | 179.84            | -100.2                 | 0.3        | 100.2           |                  |                    |                   |                    |         |
| 100.0  | 100.0          | 100.0          | 100.0          | 0.1             | 0.1    | 179.84            | -100.2                 | 0.3        | 100.2           | 100.0            | 0.22               | 445.731           |                    |         |
| 200.0  | 200.0          | 200.0          | 200.0          | 0.3             | 0.3    | 179.84            | -100.2                 | 0.3        | 100.2           | 99.5             | 0.67               | 148.577           |                    |         |
| 300.0  | 300.0          | 300.0          | 300.0          | 0.6             | 0.6    | 179.84            | -100.2                 | 0.3        | 100.2           | 99.1             | 1.12               | 89.146            |                    |         |
| 400.0  | 400.0          | 400.0          | 400.0          | 0.8             | 0.8    | 179.84            | -100.2                 | 0.3        | 100.2           | 98.6             | 1.57               | 63.676            |                    |         |
| 500.0  | 500.0          | 500.0          | 500.0          | 1.0             | 1.0    | 179.84            | -100.2                 | 0.3        | 100.2           | 98.2             | 2.02               | 49.526            |                    |         |
| 600.0  | 600.0          | 600.0          | 600.0          | 1.2             | 1.2    | 179.84            | -100.2                 | 0.3        | 100.2           | 97.7             | 2.47               | 40.521            | CC, ES             |         |
| 700.0  | 700.0          | 697.2          | 697.2          | 1.5             | 1.4    | 179.28            | -101.5                 | 1.3        | 101.5           | 98.7             | 2.89               | 35.103            |                    |         |
| 800.0  | 800.0          | 794.3          | 794.1          | 1.7             | 1.6    | 177.69            | -105.4                 | 4.3        | 105.7           | 102.4            | 3.30               | 31.994            |                    |         |
| 900.0  | 900.0          | 890.8          | 890.3          | 1.9             | 1.8    | 175.30            | -111.9                 | 9.2        | 112.7           | 109.0            | 3.73               | 30.229            |                    |         |
| 1,000.0  | 1,000.0        | 986.8          | 985.6          | 2.1             | 2.1    | 172.45            | -121.0                 | 16.0       | 122.9           | 118.7            | 4.17               | 29.448            |                    |         |
| 1,100.0  | 1,100.0        | 1,081.8        | 1,079.6        | 2.4             | 2.3    | 169.43            | -132.4                 | 24.7       | 136.2           | 131.6            | 4.63               | 29.414            |                    |         |
| 1,200.0  | 1,200.0        | 1,175.8        | 1,172.0        | 2.6             | 2.6    | 166.48            | -146.1                 | 35.1       | 152.9           | 147.8            | 5.10               | 29.955            |                    |         |
| 1,300.0  | 1,300.0        | 1,268.6        | 1,262.5        | 2.8             | 3.0    | 163.76            | -162.1                 | 47.2       | 172.9           | 167.3            | 5.59               | 30.940            |                    |         |
| 1,400.0  | 1,400.0        | 1,359.9        | 1,351.0        | 3.0             | 3.4    | 161.33            | -180.0                 | 60.8       | 196.2           | 190.1            | 6.08               | 32.263            |                    |         |
| 1,500.0  | 1,500.0        | 1,449.7        | 1,437.3        | 3.3             | 3.8    | 159.21            | -199.9                 | 75.9       | 222.8           | 216.2            | 6.58               | 33.842            |                    |         |
| 1,600.0  | 1,600.0        | 1,537.8        | 1,521.2        | 3.5             | 4.3    | 157.38            | -221.4                 | 92.2       | 252.5           | 245.4            | 7.09               | 35.612            |                    |         |
| 1,700.0  | 1,700.0        | 1,624.6        | 1,602.9        | 3.7             | 4.9    | -9.80             | -244.6                 | 109.8      | 283.6           | 276.2            | 7.34               | 38.617            |                    |         |
| 1,800.0  | 1,799.8        | 1,710.6        | 1,683.0        | 3.9             | 5.5    | -11.19            | -269.6                 | 128.8      | 314.4           | 306.7            | 7.75               | 40.552            |                    |         |
| 1,900.0  | 1,899.5        | 1,800.0        | 1,765.2        | 4.0             | 6.1    | -12.55            | -297.5                 | 150.0      | 345.0           | 336.9            | 8.18               | 42.160            |                    |         |
| 2,000.0  | 1,998.7        | 1,880.1        | 1,837.9        | 4.2             | 6.8    | -13.70            | -324.3                 | 170.3      | 375.4           | 366.8            | 8.60               | 43.652            |                    |         |
| 2,100.0  | 2,097.5        | 1,970.5        | 1,919.0        | 4.5             | 7.6    | -14.95            | -356.0                 | 194.4      | 405.0           | 396.0            | 9.05               | 44.735            |                    |         |
| 2,200.0  | 2,195.6        | 2,066.3        | 2,004.9        | 4.7             | 8.4    | -16.22            | -389.8                 | 220.0      | 431.9           | 422.4            | 9.53               | 45.325            |                    |         |
| 2,300.0  | 2,293.1        | 2,162.8        | 2,091.4        | 5.0             | 9.3    | -17.46            | -423.9                 | 245.9      | 455.8           | 445.8            | 10.02              | 45.478            |                    |         |
| 2,400.0  | 2,389.6        | 2,259.9        | 2,178.5        | 5.4             | 10.1   | -18.71            | -458.2                 | 271.9      | 476.7           | 466.2            | 10.54              | 45.234            |                    |         |
| 2,500.0  | 2,485.3        | 2,357.6        | 2,266.1        | 5.8             | 11.0   | -19.99            | -492.7                 | 298.0      | 494.7           | 483.6            | 11.08              | 44.628            |                    |         |
| 2,600.0  | 2,579.8        | 2,455.7        | 2,354.0        | 6.3             | 11.9   | -21.33            | -527.3                 | 324.3      | 509.7           | 498.0            | 11.67              | 43.685            |                    |         |
| 2,700.0  | 2,673.2        | 2,554.0        | 2,442.1        | 6.8             | 12.8   | -22.75            | -562.0                 | 350.6      | 521.8           | 509.5            | 12.30              | 42.425            |                    |         |
| 2,800.0  | 2,765.2        | 2,652.5        | 2,530.4        | 7.4             | 13.7   | -24.26            | -596.8                 | 377.0      | 531.1           | 518.1            | 13.00              | 40.867            |                    |         |
| 2,900.0  | 2,855.8        | 2,751.0        | 2,618.7        | 8.1             | 14.6   | -25.90            | -631.5                 | 403.4      | 537.7           | 523.9            | 13.78              | 39.030            |                    |         |
| 3,000.0  | 2,944.9        | 2,849.4        | 2,706.9        | 8.9             | 15.5   | -27.67            | -666.3                 | 429.7      | 541.7           | 527.0            | 14.66              | 36.940            |                    |         |
| 3,100.0  | 3,032.4        | 2,947.6        | 2,795.0        | 9.7             | 16.4   | -29.61            | -700.9                 | 456.0      | 543.1           | 527.4            | 15.68              | 34.630            |                    |         |
| 3,171.0  | 3,093.4        | 3,017.1        | 2,857.3        | 10.3            | 17.1   | -31.10            | -725.5                 | 474.6      | 542.8           | 526.2            | 16.51              | 32.881            |                    |         |
| 3,200.0  | 3,118.2        | 3,045.4        | 2,882.7        | 10.6            | 17.3   | -31.72            | -735.5                 | 482.2      | 542.4           | 525.5            | 16.88              | 32.134            |                    |         |
| 3,300.0  | 3,203.5        | 3,143.2        | 2,970.4        | 11.5            | 18.3   | -33.89            | -770.0                 | 508.4      | 541.7           | 523.5            | 18.24              | 29.698            |                    |         |
| 3,335.0  | 3,233.4        | 3,177.5        | 3,001.1        | 11.9            | 18.6   | -34.64            | -782.1                 | 517.6      | 541.7           | 522.9            | 18.75              | 28.894            |                    |         |
| 3,400.0  | 3,288.9        | 3,241.0        | 3,058.1        | 12.5            | 19.2   | -36.05            | -804.5                 | 534.6      | 541.8           | 522.1            | 19.72              | 27.478            |                    |         |
| 3,500.0  | 3,374.2        | 3,338.8        | 3,145.7        | 13.4            | 20.1   | -38.21            | -839.1                 | 560.8      | 542.8           | 521.5            | 21.31              | 25.471            |                    |         |
| 3,600.0  | 3,459.5        | 3,436.6        | 3,233.4        | 14.4            | 21.0   | -40.36            | -873.6                 | 587.0      | 544.5           | 521.5            | 23.01              | 23.666            |                    |         |
| 3,700.0  | 3,544.9        | 3,534.4        | 3,321.1        | 15.4            | 21.9   | -42.49            | -908.1                 | 613.1      | 547.0           | 522.2            | 24.80              | 22.053            |                    |         |
| 3,800.0  | 3,630.2        | 3,632.2        | 3,408.7        | 16.4            | 22.8   | -44.60            | -942.6                 | 639.3      | 550.3           | 523.6            | 26.69              | 20.617            |                    |         |
| 3,900.0  | 3,715.5        | 3,730.0        | 3,496.4        | 17.4            | 23.7   | -46.69            | -977.1                 | 665.5      | 554.4           | 525.7            | 28.66              | 19.341            |                    |         |
| 4,000.0  | 3,800.9        | 3,827.7        | 3,584.0        | 18.4            | 24.6   | -48.74            | -1,011.7               | 691.7      | 559.2           | 528.5            | 30.71              | 18.211            |                    |         |
| 4,100.0  | 3,886.2        | 3,925.5        | 3,671.7        | 19.4            | 25.5   | -50.76            | -1,046.2               | 717.9      | 564.8           | 532.0            | 32.82              | 17.210            |                    |         |
| 4,200.0  | 3,971.6        | 4,023.3        | 3,759.4        | 20.4            | 26.4   | -52.73            | -1,080.7               | 744.1      | 571.1           | 536.1            | 34.98              | 16.325            |                    |         |
| 4,300.0  | 4,056.9        | 4,121.1        | 3,847.0        | 21.4            | 27.3   | -54.66            | -1,115.2               | 770.3      | 578.1           | 540.9            | 37.19              | 15.542            |                    |         |
| 4,400.0  | 4,142.2        | 4,218.9        | 3,934.7        | 22.4            | 28.3   | -56.55            | -1,149.7               | 796.4      | 585.7           | 546.2            | 39.44              | 14.849            |                    |         |
| 4,500.0  | 4,227.6        | 4,316.7        | 4,022.4        | 23.5            | 29.2   | -58.39            | -1,184.3               | 822.6      | 594.0           | 552.2            | 41.72              | 14.236            |                    |         |
| 4,600.0  | 4,312.9        | 4,414.5        | 4,110.0        | 24.5            | 30.1   | -60.18            | -1,218.8               | 848.8      | 602.8           | 558.8            | 44.02              | 13.694            |                    |         |
| 4,700.0  | 4,398.2        | 4,512.3        | 4,197.7        | 25.5            | 31.0   | -61.91            | -1,253.3               | 875.0      | 612.3           | 566.0            | 46.34              | 13.213            |                    |         |
| 4,800.0  | 4,483.6        | 4,610.1        | 4,285.4        | 26.5            | 31.9   | -63.59            | -1,287.8               | 901.2      | 622.3           | 573.7            | 48.67              | 12.786            |                    |         |
| 4,900.0  | 4,568.9        | 4,707.8        | 4,373.0        | 27.6            | 32.8   | -65.22            | -1,322.3               | 927.4      | 632.9           | 581.9            | 51.01              | 12.408            |                    |         |

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|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14) |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |
| Survey Program: 0-MWD   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                    |         |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 5,000.0   | 4,654.3             | 4,805.6             | 4,460.7             | 28.6            | 33.7        | -66.80                | -1,356.9                          | 953.6      | 644.0                | 590.6                 | 53.35                   | 12.071             |         |
| 5,100.0   | 4,739.6             | 4,903.4             | 4,548.4             | 29.6            | 34.6        | -68.33                | -1,391.4                          | 979.7      | 655.5                | 599.8                 | 55.68                   | 11.772             |         |
| 5,200.0   | 4,824.9             | 5,001.2             | 4,636.0             | 30.7            | 35.6        | -69.80                | -1,425.9                          | 1,005.9    | 667.5                | 609.5                 | 58.02                   | 11.506             |         |
| 5,300.0   | 4,910.3             | 5,099.0             | 4,723.7             | 31.7            | 36.5        | -71.22                | -1,460.4                          | 1,032.1    | 680.0                | 619.6                 | 60.34                   | 11.269             |         |
| 5,400.0   | 4,995.6             | 5,196.8             | 4,811.4             | 32.7            | 37.4        | -72.59                | -1,494.9                          | 1,058.3    | 692.8                | 630.2                 | 62.65                   | 11.058             |         |
| 5,500.0   | 5,080.9             | 5,294.6             | 4,899.0             | 33.7            | 38.3        | -73.91                | -1,529.5                          | 1,084.5    | 706.0                | 641.1                 | 64.96                   | 10.869             |         |
| 5,600.0   | 5,166.3             | 5,392.4             | 4,986.7             | 34.8            | 39.2        | -75.18                | -1,564.0                          | 1,110.7    | 719.6                | 652.4                 | 67.25                   | 10.702             |         |
| 5,700.0   | 5,251.6             | 5,490.1             | 5,074.4             | 35.8            | 40.1        | -76.41                | -1,598.5                          | 1,136.9    | 733.6                | 664.1                 | 69.52                   | 10.552             |         |
| 5,800.0   | 5,337.0             | 5,587.9             | 5,162.0             | 36.9            | 41.0        | -77.59                | -1,633.0                          | 1,163.0    | 747.8                | 676.1                 | 71.78                   | 10.418             |         |
| 5,900.0   | 5,422.3             | 5,685.7             | 5,249.7             | 37.9            | 41.9        | -78.73                | -1,667.5                          | 1,189.2    | 762.4                | 688.4                 | 74.03                   | 10.299             |         |
| 6,000.0   | 5,507.6             | 5,783.5             | 5,337.3             | 38.9            | 42.9        | -79.82                | -1,702.1                          | 1,215.4    | 777.3                | 701.0                 | 76.26                   | 10.192             |         |
| 6,100.0   | 5,593.0             | 5,881.3             | 5,425.0             | 40.0            | 43.8        | -80.88                | -1,736.6                          | 1,241.6    | 792.4                | 713.9                 | 78.48                   | 10.098             |         |
| 6,200.0   | 5,678.3             | 5,979.1             | 5,512.7             | 41.0            | 44.7        | -81.90                | -1,771.1                          | 1,267.8    | 807.8                | 727.1                 | 80.68                   | 10.013             |         |
| 6,300.0   | 5,763.6             | 6,076.9             | 5,600.3             | 42.0            | 45.6        | -82.87                | -1,805.6                          | 1,294.0    | 823.4                | 740.6                 | 82.86                   | 9.938              |         |
| 6,381.6   | 5,833.3             | 6,156.7             | 5,671.9             | 42.9            | 46.3        | -83.65                | -1,833.8                          | 1,315.3    | 836.4                | 751.7                 | 84.63                   | 9.883              |         |
| 6,400.0   | 5,849.1             | 6,174.7             | 5,688.0             | 43.0            | 46.5        | -83.32                | -1,840.2                          | 1,320.2    | 839.3                | 754.2                 | 85.11                   | 9.861              |         |
| 6,450.0   | 5,893.2             | 6,224.0             | 5,732.2             | 43.4            | 47.0        | -81.83                | -1,857.6                          | 1,333.4    | 846.7                | 760.5                 | 86.23                   | 9.819              |         |
| 6,500.0   | 5,938.7             | 6,273.5             | 5,776.6             | 43.7            | 47.4        | -79.22                | -1,875.0                          | 1,346.6    | 853.5                | 766.3                 | 87.20                   | 9.788              |         |
| 6,550.0   | 5,985.5             | 6,323.0             | 5,821.0             | 44.0            | 47.9        | -75.04                | -1,892.5                          | 1,359.9    | 859.6                | 771.6                 | 88.01                   | 9.768              |         |
| 6,600.0   | 6,033.3             | 6,372.3             | 5,865.2             | 44.2            | 48.4        | -68.48                | -1,909.9                          | 1,373.1    | 865.0                | 776.4                 | 88.64                   | 9.759 SF           |         |
| 6,650.0   | 6,081.9             | 6,421.1             | 5,908.9             | 44.4            | 48.8        | -58.03                | -1,927.1                          | 1,386.1    | 869.7                | 780.6                 | 89.10                   | 9.761              |         |
| 6,700.0   | 6,131.0             | 6,469.2             | 5,952.0             | 44.5            | 49.3        | -41.27                | -1,944.1                          | 1,399.0    | 873.9                | 784.5                 | 89.40                   | 9.775              |         |
| 6,750.0   | 6,180.3             | 6,516.3             | 5,994.3             | 44.6            | 49.7        | -16.68                | -1,960.7                          | 1,411.6    | 877.7                | 788.1                 | 89.54                   | 9.802              |         |
| 6,800.0   | 6,229.8             | 6,562.2             | 6,035.5             | 44.6            | 50.1        | 10.31                 | -1,977.0                          | 1,423.9    | 881.2                | 791.6                 | 89.53                   | 9.842              |         |
| 6,850.0   | 6,279.0             | 6,606.8             | 6,075.4             | 44.6            | 50.5        | 31.13                 | -1,992.7                          | 1,435.9    | 884.6                | 795.2                 | 89.38                   | 9.897              |         |
| 6,900.0   | 6,327.9             | 6,649.7             | 6,113.8             | 44.6            | 50.9        | 44.86                 | -2,007.8                          | 1,447.4    | 888.1                | 799.0                 | 89.12                   | 9.965              |         |
| 6,950.0   | 6,376.0             | 6,690.7             | 6,150.7             | 44.5            | 51.3        | 54.01                 | -2,022.3                          | 1,458.3    | 892.0                | 803.2                 | 88.76                   | 10.049             |         |
| 7,000.0   | 6,423.3             | 6,729.8             | 6,185.6             | 44.3            | 51.7        | 60.49                 | -2,036.1                          | 1,468.8    | 896.5                | 808.1                 | 88.34                   | 10.147             |         |
| 7,050.0   | 6,469.4             | 6,766.6             | 6,218.6             | 44.1            | 52.0        | 65.32                 | -2,049.1                          | 1,478.7    | 901.8                | 813.9                 | 87.89                   | 10.261             |         |
| 7,100.0   | 6,514.2             | 6,801.0             | 6,249.5             | 43.9            | 52.4        | 69.06                 | -2,061.2                          | 1,487.9    | 908.2                | 820.8                 | 87.43                   | 10.388             |         |
| 7,150.0   | 6,557.4             | 6,832.8             | 6,278.0             | 43.7            | 52.7        | 72.00                 | -2,072.5                          | 1,496.4    | 915.9                | 828.9                 | 86.98                   | 10.530             |         |
| 7,200.0   | 6,598.8             | 6,864.3             | 6,306.4             | 43.4            | 52.9        | 74.41                 | -2,083.4                          | 1,504.9    | 925.1                | 838.6                 | 86.52                   | 10.692             |         |
| 7,250.0   | 6,638.3             | 6,898.1             | 6,337.2             | 43.1            | 53.1        | 76.50                 | -2,093.8                          | 1,514.1    | 935.9                | 849.8                 | 86.04                   | 10.877             |         |
| 7,300.0   | 6,675.6             | 6,933.3             | 6,369.7             | 42.7            | 53.4        | 78.29                 | -2,102.9                          | 1,523.7    | 948.1                | 862.5                 | 85.55                   | 11.082             |         |
| 7,350.0   | 6,710.5             | 6,970.2             | 6,404.2             | 42.3            | 53.6        | 79.88                 | -2,110.8                          | 1,534.0    | 961.8                | 876.7                 | 85.08                   | 11.303             |         |
| 7,400.0   | 6,742.8             | 7,009.3             | 6,441.3             | 42.0            | 53.7        | 81.30                 | -2,117.0                          | 1,545.1    | 976.9                | 892.2                 | 84.62                   | 11.543             |         |
| 7,450.0   | 6,772.5             | 7,051.5             | 6,481.5             | 41.5            | 53.9        | 82.64                 | -2,121.4                          | 1,557.0    | 993.3                | 909.2                 | 84.16                   | 11.802             |         |



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14) |                     |                     |                     |                |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0ft   |
|---|---------------------|---------------------|---------------------|----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD   |                     |                     |                     |                |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0ft   |
| Reference   | Offset              | Semi Major Axis     |                     | Distance       |             |                       |                                   |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.0   | 0.0                 | 0.0                 | 0.0                 | 0.0            | 0.0         | 180.00                | -80.1                             | 0.0        | 80.1                 |                       |                         |                   |                    |         |
| 100.0   | 100.0               | 100.0               | 100.0               | 0.1            | 0.1         | 180.00                | -80.1                             | 0.0        | 80.1                 | 79.9                  | 0.22                    | 356.583           |                    |         |
| 200.0   | 200.0               | 200.0               | 200.0               | 0.3            | 0.3         | 180.00                | -80.1                             | 0.0        | 80.1                 | 79.5                  | 0.67                    | 118.861           |                    |         |
| 300.0   | 300.0               | 300.0               | 300.0               | 0.6            | 0.6         | 180.00                | -80.1                             | 0.0        | 80.1                 | 79.0                  | 1.12                    | 71.317            |                    |         |
| 400.0   | 400.0               | 400.0               | 400.0               | 0.8            | 0.8         | 180.00                | -80.1                             | 0.0        | 80.1                 | 78.6                  | 1.57                    | 50.940            |                    |         |
| 500.0   | 500.0               | 500.0               | 500.0               | 1.0            | 1.0         | 180.00                | -80.1                             | 0.0        | 80.1                 | 78.1                  | 2.02                    | 39.620            |                    |         |
| 600.0   | 600.0               | 600.0               | 600.0               | 1.2            | 1.2         | 180.00                | -80.1                             | 0.0        | 80.1                 | 77.7                  | 2.47                    | 32.417            |                    |         |
| 700.0   | 700.0               | 700.0               | 700.0               | 1.5            | 1.5         | 180.00                | -80.1                             | 0.0        | 80.1                 | 77.2                  | 2.92                    | 27.429            |                    |         |
| 800.0   | 800.0               | 800.0               | 800.0               | 1.7            | 1.7         | 180.00                | -80.1                             | 0.0        | 80.1                 | 76.8                  | 3.37                    | 23.772 CC, ES     |                    |         |
| 900.0   | 900.0               | 897.7               | 897.6               | 1.9            | 1.9         | 179.37                | -81.5                             | 0.9        | 81.6                 | 77.8                  | 3.79                    | 21.518            |                    |         |
| 1,000.0   | 1,000.0             | 995.1               | 995.0               | 2.1            | 2.1         | 177.60                | -85.7                             | 3.6        | 86.0                 | 81.8                  | 4.20                    | 20.476            |                    |         |
| 1,100.0   | 1,100.0             | 1,092.1             | 1,091.6             | 2.4            | 2.3         | 175.03                | -92.7                             | 8.1        | 93.4                 | 88.8                  | 4.62                    | 20.227            |                    |         |
| 1,200.0   | 1,200.0             | 1,188.4             | 1,187.2             | 2.6            | 2.5         | 172.07                | -102.2                            | 14.2       | 104.0                | 99.0                  | 5.05                    | 20.601            |                    |         |
| 1,300.0   | 1,300.0             | 1,283.9             | 1,281.6             | 2.8            | 2.7         | 169.07                | -114.4                            | 22.1       | 118.0                | 112.5                 | 5.49                    | 21.469            |                    |         |
| 1,400.0   | 1,400.0             | 1,378.2             | 1,374.3             | 3.0            | 3.0         | 166.27                | -129.0                            | 31.5       | 135.3                | 129.3                 | 5.95                    | 22.729            |                    |         |
| 1,500.0   | 1,500.0             | 1,471.4             | 1,465.2             | 3.3            | 3.4         | 163.79                | -146.0                            | 42.4       | 155.9                | 149.5                 | 6.42                    | 24.294            |                    |         |
| 1,600.0   | 1,600.0             | 1,563.1             | 1,554.1             | 3.5            | 3.7         | 161.65                | -165.0                            | 54.8       | 179.9                | 173.0                 | 6.89                    | 26.090            |                    |         |
| 1,700.0   | 1,700.0             | 1,653.6             | 1,641.0             | 3.7            | 4.2         | -5.84                 | -186.2                            | 68.4       | 205.3                | 198.1                 | 7.23                    | 28.397            |                    |         |
| 1,800.0   | 1,799.8             | 1,743.4             | 1,726.5             | 3.9            | 4.7         | -7.46                 | -209.5                            | 83.4       | 230.6                | 223.0                 | 7.63                    | 30.241            |                    |         |
| 1,900.0   | 1,899.5             | 1,832.5             | 1,810.3             | 4.0            | 5.2         | -8.96                 | -234.8                            | 99.8       | 255.7                | 247.7                 | 8.03                    | 31.860            |                    |         |
| 2,000.0   | 1,998.7             | 1,920.9             | 1,892.5             | 4.2            | 5.8         | -10.35                | -262.1                            | 117.3      | 280.6                | 272.2                 | 8.43                    | 33.273            |                    |         |
| 2,100.0   | 2,097.5             | 2,008.6             | 1,973.0             | 4.5            | 6.4         | -11.66                | -291.2                            | 136.1      | 305.3                | 296.5                 | 8.85                    | 34.500            |                    |         |
| 2,200.0   | 2,195.6             | 2,100.0             | 2,055.8             | 4.7            | 7.2         | -12.98                | -323.8                            | 157.1      | 329.9                | 320.6                 | 9.29                    | 35.504            |                    |         |
| 2,300.0   | 2,293.1             | 2,181.9             | 2,128.9             | 5.0            | 7.9         | -14.12                | -354.8                            | 177.2      | 354.3                | 344.6                 | 9.73                    | 36.427            |                    |         |
| 2,400.0   | 2,389.6             | 2,275.7             | 2,211.7             | 5.4            | 8.7         | -15.40                | -391.9                            | 201.1      | 377.7                | 367.5                 | 10.21                   | 36.983            |                    |         |
| 2,500.0   | 2,485.3             | 2,373.1             | 2,297.6             | 5.8            | 9.6         | -16.70                | -430.5                            | 225.9      | 398.2                | 387.5                 | 10.74                   | 37.087            |                    |         |
| 2,600.0   | 2,579.8             | 2,471.1             | 2,384.0             | 6.3            | 10.5        | -18.03                | -469.3                            | 251.0      | 415.7                | 404.4                 | 11.30                   | 36.793            |                    |         |
| 2,700.0   | 2,673.2             | 2,569.4             | 2,470.8             | 6.8            | 11.5        | -19.40                | -508.2                            | 276.1      | 430.2                | 418.3                 | 11.91                   | 36.132            |                    |         |
| 2,800.0   | 2,765.2             | 2,668.1             | 2,557.8             | 7.4            | 12.4        | -20.86                | -547.3                            | 301.3      | 441.6                | 429.1                 | 12.57                   | 35.132            |                    |         |
| 2,900.0   | 2,855.8             | 2,766.9             | 2,645.0             | 8.1            | 13.4        | -22.41                | -586.4                            | 326.5      | 450.2                | 436.9                 | 13.31                   | 33.821            |                    |         |
| 3,000.0   | 2,944.9             | 2,865.8             | 2,732.2             | 8.9            | 14.3        | -24.10                | -625.6                            | 351.7      | 455.9                | 441.8                 | 14.15                   | 32.228            |                    |         |
| 3,100.0   | 3,032.4             | 2,964.6             | 2,819.3             | 9.7            | 15.3        | -25.94                | -664.7                            | 377.0      | 459.0                | 443.9                 | 15.10                   | 30.386            |                    |         |
| 3,171.0   | 3,093.4             | 3,034.6             | 2,881.1             | 10.3           | 15.9        | -27.36                | -692.4                            | 394.8      | 459.5                | 443.6                 | 15.87                   | 28.948            |                    |         |
| 3,188.2   | 3,108.1             | 3,051.6             | 2,896.1             | 10.5           | 16.1        | -27.72                | -699.1                            | 399.2      | 459.5                | 443.4                 | 16.08                   | 28.569            |                    |         |
| 3,200.0   | 3,118.2             | 3,063.2             | 2,906.3             | 10.6           | 16.2        | -27.97                | -703.7                            | 402.1      | 459.5                | 443.3                 | 16.23                   | 28.314            |                    |         |
| 3,300.0   | 3,203.5             | 3,161.8             | 2,993.3             | 11.5           | 17.2        | -30.04                | -742.8                            | 427.3      | 459.9                | 442.4                 | 17.53                   | 26.238            |                    |         |
| 3,400.0   | 3,288.9             | 3,260.3             | 3,080.2             | 12.5           | 18.1        | -32.11                | -781.8                            | 452.5      | 460.9                | 442.0                 | 18.94                   | 24.336            |                    |         |
| 3,500.0   | 3,374.2             | 3,358.9             | 3,167.1             | 13.4           | 19.1        | -34.16                | -820.8                            | 477.6      | 462.5                | 442.1                 | 20.46                   | 22.607            |                    |         |
| 3,600.0   | 3,459.5             | 3,457.4             | 3,254.1             | 14.4           | 20.0        | -36.20                | -859.8                            | 502.8      | 464.7                | 442.7                 | 22.08                   | 21.043            |                    |         |
| 3,700.0   | 3,544.9             | 3,556.0             | 3,341.0             | 15.4           | 21.0        | -38.22                | -898.9                            | 528.0      | 467.6                | 443.8                 | 23.81                   | 19.638            |                    |         |
| 3,800.0   | 3,630.2             | 3,654.6             | 3,428.0             | 16.4           | 22.0        | -40.21                | -937.9                            | 553.2      | 471.0                | 445.3                 | 25.63                   | 18.379            |                    |         |
| 3,900.0   | 3,715.5             | 3,753.1             | 3,514.9             | 17.4           | 22.9        | -42.17                | -976.9                            | 578.3      | 475.0                | 447.4                 | 27.53                   | 17.254            |                    |         |
| 4,000.0   | 3,800.9             | 3,851.7             | 3,601.8             | 18.4           | 23.9        | -44.10                | -1,015.9                          | 603.5      | 479.5                | 450.0                 | 29.50                   | 16.252            |                    |         |
| 4,100.0   | 3,886.2             | 3,950.3             | 3,688.8             | 19.4           | 24.9        | -45.99                | -1,055.0                          | 628.7      | 484.6                | 453.0                 | 31.55                   | 15.360            |                    |         |
| 4,200.0   | 3,971.6             | 4,048.8             | 3,775.7             | 20.4           | 25.8        | -47.84                | -1,094.0                          | 653.8      | 490.2                | 456.6                 | 33.66                   | 14.566            |                    |         |
| 4,300.0   | 4,056.9             | 4,147.4             | 3,862.7             | 21.4           | 26.8        | -49.65                | -1,133.0                          | 679.0      | 496.4                | 460.5                 | 35.81                   | 13.859            |                    |         |
| 4,400.0   | 4,142.2             | 4,246.0             | 3,949.6             | 22.4           | 27.8        | -51.41                | -1,172.0                          | 704.2      | 503.0                | 465.0                 | 38.02                   | 13.230            |                    |         |
| 4,500.0   | 4,227.6             | 4,344.5             | 4,036.5             | 23.5           | 28.7        | -53.13                | -1,211.1                          | 729.3      | 510.1                | 469.8                 | 40.26                   | 12.670            |                    |         |
| 4,600.0   | 4,312.9             | 4,443.1             | 4,123.5             | 24.5           | 29.7        | -54.79                | -1,250.1                          | 754.5      | 517.6                | 475.1                 | 42.53                   | 12.171            |                    |         |
| 4,700.0   | 4,398.2             | 4,541.7             | 4,210.4             | 25.5           | 30.7        | -56.41                | -1,289.1                          | 779.7      | 525.6                | 480.8                 | 44.83                   | 11.725            |                    |         |
| 4,800.0   | 4,483.6             | 4,640.2             | 4,297.4             | 26.5           | 31.6        | -57.99                | -1,328.2                          | 804.8      | 534.0                | 486.9                 | 47.15                   | 11.327            |                    |         |
| 4,900.0   | 4,568.9             | 4,738.8             | 4,384.3             | 27.6           | 32.6        | -59.51                | -1,367.2                          | 830.0      | 542.8                | 493.3                 | 49.48                   | 10.970            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Survey Program: 0-MWDD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 5,000.0                | 4,654.3             | 4,837.4             | 4,471.2             | 28.6            | 33.6        | -60.98                | -1,406.2                          | 855.2      | 552.0                | 500.1                 | 51.82                   | 10.651             |         |
| 5,100.0                | 4,739.6             | 4,935.9             | 4,558.2             | 29.6            | 34.6        | -62.41                | -1,445.2                          | 880.3      | 561.5                | 507.3                 | 54.17                   | 10.365             |         |
| 5,200.0                | 4,824.9             | 5,034.5             | 4,645.1             | 30.7            | 35.5        | -63.79                | -1,484.3                          | 905.5      | 571.4                | 514.8                 | 56.53                   | 10.108             |         |
| 5,300.0                | 4,910.3             | 5,133.1             | 4,732.1             | 31.7            | 36.5        | -65.12                | -1,523.3                          | 930.7      | 581.6                | 522.7                 | 58.88                   | 9.877              |         |
| 5,400.0                | 4,995.6             | 5,231.6             | 4,819.0             | 32.7            | 37.5        | -66.41                | -1,562.3                          | 955.8      | 592.0                | 530.8                 | 61.23                   | 9.669              |         |
| 5,500.0                | 5,080.9             | 5,330.2             | 4,905.9             | 33.7            | 38.4        | -67.65                | -1,601.3                          | 981.0      | 602.8                | 539.2                 | 63.58                   | 9.481              |         |
| 5,600.0                | 5,166.3             | 5,428.8             | 4,992.9             | 34.8            | 39.4        | -68.85                | -1,640.4                          | 1,006.2    | 613.9                | 548.0                 | 65.93                   | 9.312              |         |
| 5,700.0                | 5,251.6             | 5,527.3             | 5,079.8             | 35.8            | 40.4        | -70.00                | -1,679.4                          | 1,031.3    | 625.2                | 556.9                 | 68.27                   | 9.159              |         |
| 5,800.0                | 5,337.0             | 5,625.9             | 5,166.8             | 36.9            | 41.4        | -71.12                | -1,718.4                          | 1,056.5    | 636.8                | 566.2                 | 70.59                   | 9.020              |         |
| 5,900.0                | 5,422.3             | 5,724.4             | 5,253.7             | 37.9            | 42.3        | -72.19                | -1,757.4                          | 1,081.7    | 648.6                | 575.7                 | 72.92                   | 8.895              |         |
| 6,000.0                | 5,507.6             | 5,823.0             | 5,340.6             | 38.9            | 43.3        | -73.23                | -1,796.5                          | 1,106.8    | 660.6                | 585.4                 | 75.23                   | 8.781              |         |
| 6,100.0                | 5,593.0             | 5,921.6             | 5,427.6             | 40.0            | 44.3        | -74.23                | -1,835.5                          | 1,132.0    | 672.8                | 595.3                 | 77.53                   | 8.679              |         |
| 6,200.0                | 5,678.3             | 6,020.1             | 5,514.5             | 41.0            | 45.2        | -75.20                | -1,874.5                          | 1,157.2    | 685.3                | 605.4                 | 79.82                   | 8.585              |         |
| 6,300.0                | 5,763.6             | 6,118.7             | 5,601.5             | 42.0            | 46.2        | -76.13                | -1,913.6                          | 1,182.4    | 697.9                | 615.8                 | 82.10                   | 8.500              |         |
| 6,381.6                | 5,833.3             | 6,199.1             | 5,672.4             | 42.9            | 47.0        | -76.86                | -1,945.4                          | 1,202.9    | 708.3                | 624.3                 | 83.95                   | 8.437              |         |
| 6,400.0                | 5,849.1             | 6,217.3             | 5,688.4             | 43.0            | 47.2        | -76.48                | -1,952.6                          | 1,207.5    | 710.6                | 626.2                 | 84.42                   | 8.418              |         |
| 6,450.0                | 5,893.2             | 6,266.8             | 5,732.1             | 43.4            | 47.7        | -74.84                | -1,972.2                          | 1,220.2    | 716.9                | 631.4                 | 85.53                   | 8.382              |         |
| 6,500.0                | 5,938.7             | 6,316.5             | 5,775.9             | 43.7            | 48.2        | -72.07                | -1,991.8                          | 1,232.8    | 722.9                | 636.4                 | 86.45                   | 8.362              |         |
| 6,550.0                | 5,985.5             | 6,365.9             | 5,819.5             | 44.0            | 48.6        | -67.72                | -2,011.4                          | 1,245.5    | 728.6                | 641.4                 | 87.20                   | 8.356              |         |
| 6,600.0                | 6,033.3             | 6,415.0             | 5,862.8             | 44.2            | 49.1        | -60.99                | -2,030.9                          | 1,258.0    | 734.1                | 646.4                 | 87.76                   | 8.365              |         |
| 6,650.0                | 6,081.9             | 6,463.4             | 5,905.5             | 44.4            | 49.6        | -50.38                | -2,050.0                          | 1,270.4    | 739.5                | 651.3                 | 88.15                   | 8.389              |         |
| 6,700.0                | 6,131.0             | 6,510.1             | 5,946.8             | 44.5            | 50.1        | -33.49                | -2,068.5                          | 1,282.3    | 744.8                | 656.5                 | 88.35                   | 8.430              |         |
| 6,750.0                | 6,180.3             | 6,554.3             | 5,986.4             | 44.6            | 50.4        | -8.98                 | -2,084.1                          | 1,293.8    | 750.4                | 662.0                 | 88.42                   | 8.487              |         |
| 6,800.0                | 6,229.8             | 6,600.0             | 6,028.3             | 44.6            | 50.7        | 17.76                 | -2,097.7                          | 1,305.9    | 756.3                | 668.0                 | 88.35                   | 8.561              |         |
| 6,850.0                | 6,279.0             | 6,645.0             | 6,070.4             | 44.6            | 51.0        | 38.16                 | -2,108.2                          | 1,318.0    | 762.5                | 674.3                 | 88.20                   | 8.645              |         |
| 6,900.0                | 6,327.9             | 6,691.7             | 6,114.6             | 44.6            | 51.2        | 51.39                 | -2,116.2                          | 1,330.8    | 769.0                | 681.1                 | 87.97                   | 8.742              |         |
| 6,950.0                | 6,376.0             | 6,739.5             | 6,160.2             | 44.5            | 51.4        | 59.98                 | -2,121.3                          | 1,343.9    | 775.8                | 688.1                 | 87.66                   | 8.850              |         |
| 7,000.0                | 6,423.3             | 6,788.3             | 6,207.1             | 44.3            | 51.5        | 65.89                 | -2,123.3                          | 1,357.4    | 782.8                | 695.5                 | 87.28                   | 8.968              |         |
| 7,050.0                | 6,469.4             | 6,838.4             | 6,255.2             | 44.1            | 51.6        | 70.20                 | -2,121.8                          | 1,371.2    | 789.9                | 703.1                 | 86.83                   | 9.098              |         |
| 7,100.0                | 6,514.2             | 6,889.8             | 6,304.4             | 43.9            | 51.7        | 73.50                 | -2,116.6                          | 1,385.3    | 797.3                | 711.0                 | 86.31                   | 9.238              |         |
| 7,150.0                | 6,557.4             | 6,942.7             | 6,354.4             | 43.7            | 51.7        | 76.14                 | -2,107.5                          | 1,399.6    | 804.7                | 719.0                 | 85.73                   | 9.387              |         |
| 7,200.0                | 6,598.8             | 6,997.0             | 6,405.0             | 43.4            | 51.7        | 78.32                 | -2,094.2                          | 1,414.1    | 812.2                | 727.1                 | 85.09                   | 9.545              |         |
| 7,250.0                | 6,638.3             | 7,053.0             | 6,456.0             | 43.1            | 51.7        | 80.17                 | -2,076.3                          | 1,428.7    | 819.6                | 735.2                 | 84.39                   | 9.712              |         |
| 7,300.0                | 6,675.6             | 7,110.7             | 6,507.0             | 42.7            | 51.5        | 81.76                 | -2,053.6                          | 1,443.2    | 827.0                | 743.4                 | 83.65                   | 9.887              |         |
| 7,350.0                | 6,710.5             | 7,170.2             | 6,557.6             | 42.3            | 51.4        | 83.15                 | -2,025.8                          | 1,457.6    | 834.2                | 751.4                 | 82.87                   | 10.067             |         |
| 7,400.0                | 6,742.8             | 7,231.6             | 6,607.3             | 42.0            | 51.1        | 84.37                 | -1,992.6                          | 1,471.8    | 841.2                | 759.2                 | 82.06                   | 10.252             |         |
| 7,450.0                | 6,772.5             | 7,295.0             | 6,655.5             | 41.5            | 50.9        | 85.46                 | -1,953.9                          | 1,485.4    | 847.9                | 766.7                 | 81.22                   | 10.439             |         |
| 7,500.0                | 6,799.4             | 7,360.3             | 6,701.6             | 41.1            | 50.5        | 86.43                 | -1,909.5                          | 1,498.5    | 854.2                | 773.8                 | 80.37                   | 10.628             |         |
| 7,550.0                | 6,823.3             | 7,427.5             | 6,744.7             | 40.7            | 50.1        | 87.28                 | -1,859.5                          | 1,510.6    | 859.9                | 780.4                 | 79.52                   | 10.814             |         |
| 7,600.0                | 6,844.1             | 7,496.6             | 6,784.2             | 40.3            | 49.7        | 88.01                 | -1,803.9                          | 1,521.7    | 865.1                | 786.4                 | 78.69                   | 10.994             |         |
| 7,650.0                | 6,861.8             | 7,567.4             | 6,819.1             | 39.8            | 49.2        | 88.64                 | -1,743.1                          | 1,531.5    | 869.6                | 791.7                 | 77.88                   | 11.167             |         |
| 7,700.0                | 6,876.2             | 7,639.8             | 6,848.7             | 39.4            | 48.8        | 89.15                 | -1,677.5                          | 1,539.6    | 873.4                | 796.3                 | 77.11                   | 11.327             |         |
| 7,750.0                | 6,887.2             | 7,713.5             | 6,872.1             | 39.0            | 48.2        | 89.54                 | -1,608.0                          | 1,546.0    | 876.3                | 799.9                 | 76.39                   | 11.471             |         |
| 7,800.0                | 6,894.9             | 7,788.2             | 6,888.7             | 38.5            | 47.7        | 89.82                 | -1,535.3                          | 1,550.5    | 878.4                | 802.7                 | 75.74                   | 11.597             |         |
| 7,850.0                | 6,899.1             | 7,863.6             | 6,898.0             | 38.1            | 47.2        | 89.97                 | -1,460.6                          | 1,552.8    | 879.6                | 804.4                 | 75.16                   | 11.702             |         |
| 7,886.3                | 6,900.0             | 7,918.4             | 6,900.0             | 37.9            | 46.8        | 90.00                 | -1,405.8                          | 1,553.1    | 879.8                | 805.0                 | 74.79                   | 11.764             |         |
| 7,900.0                | 6,900.0             | 7,932.0             | 6,900.0             | 37.7            | 46.7        | 90.00                 | -1,392.2                          | 1,553.0    | 879.8                | 805.2                 | 74.60                   | 11.793             |         |
| 8,000.0                | 6,900.0             | 8,032.0             | 6,900.0             | 37.0            | 46.0        | 90.00                 | -1,292.2                          | 1,552.6    | 879.8                | 806.5                 | 73.30                   | 12.002             |         |
| 8,100.0                | 6,900.0             | 8,132.0             | 6,900.0             | 36.3            | 45.3        | 90.00                 | -1,192.2                          | 1,552.1    | 879.8                | 807.7                 | 72.14                   | 12.196             |         |
| 8,200.0                | 6,900.0             | 8,232.0             | 6,900.0             | 35.7            | 44.7        | 90.00                 | -1,092.2                          | 1,551.6    | 879.9                | 808.7                 | 71.17                   | 12.362             |         |
| 8,300.0                | 6,900.0             | 8,332.0             | 6,900.0             | 35.1            | 44.0        | 90.00                 | -992.2                            | 1,551.1    | 879.9                | 809.5                 | 70.40                   | 12.499             |         |
| 8,400.0                | 6,900.0             | 8,432.0             | 6,900.0             | 34.7            | 43.5        | 90.00                 | -892.2                            | 1,550.7    | 879.9                | 810.1                 | 69.83                   | 12.601             |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14) |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |
| Survey Program: 0-MWD   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                    |         |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 8,500.0   | 6,900.0             | 8,532.0             | 6,900.0             | 34.4            | 42.9        | 90.00                 | -792.2                            | 1,550.2    | 879.9                | 810.4                 | 69.46                   | 12.667             |         |
| 8,600.0   | 6,900.0             | 8,632.0             | 6,900.0             | 34.1            | 42.4        | 90.00                 | -692.2                            | 1,549.7    | 879.9                | 810.6                 | 69.31                   | 12.695             |         |
| 8,700.0   | 6,900.0             | 8,732.0             | 6,900.0             | 34.0            | 42.0        | 90.00                 | -592.2                            | 1,549.2    | 879.9                | 810.6                 | 69.37                   | 12.684             |         |
| 8,800.0   | 6,900.0             | 8,832.0             | 6,900.0             | 34.0            | 41.6        | 90.00                 | -492.2                            | 1,548.8    | 879.9                | 810.3                 | 69.65                   | 12.635             |         |
| 8,900.0   | 6,900.0             | 8,932.0             | 6,900.0             | 34.1            | 41.2        | 90.00                 | -392.2                            | 1,548.3    | 880.0                | 809.8                 | 70.13                   | 12.547             |         |
| 9,000.0   | 6,900.0             | 9,032.0             | 6,900.0             | 34.3            | 40.9        | 90.00                 | -292.2                            | 1,547.8    | 880.0                | 809.2                 | 70.82                   | 12.425             |         |
| 9,100.0   | 6,900.0             | 9,132.0             | 6,900.0             | 34.6            | 40.7        | 90.00                 | -192.2                            | 1,547.4    | 880.0                | 808.3                 | 71.71                   | 12.271             |         |
| 9,200.0   | 6,900.0             | 9,232.0             | 6,900.0             | 35.1            | 40.5        | 90.00                 | -92.2                             | 1,546.9    | 880.0                | 807.2                 | 72.79                   | 12.089             |         |
| 9,300.0   | 6,900.0             | 9,332.0             | 6,900.0             | 35.7            | 40.5        | 90.00                 | 7.8                               | 1,546.4    | 880.0                | 806.0                 | 74.06                   | 11.882             |         |
| 9,400.0   | 6,900.0             | 9,432.0             | 6,900.0             | 36.4            | 40.6        | 90.00                 | 107.8                             | 1,545.9    | 880.0                | 804.5                 | 75.50                   | 11.656             |         |
| 9,500.0   | 6,900.0             | 9,532.0             | 6,900.0             | 37.1            | 40.9        | 90.00                 | 207.8                             | 1,545.5    | 880.1                | 802.9                 | 77.11                   | 11.413             |         |
| 9,600.0   | 6,900.0             | 9,632.0             | 6,900.0             | 38.0            | 41.3        | 90.00                 | 307.8                             | 1,545.0    | 880.1                | 801.2                 | 78.87                   | 11.158             |         |
| 9,700.0   | 6,900.0             | 9,732.0             | 6,900.0             | 39.0            | 42.0        | 90.00                 | 407.8                             | 1,544.5    | 880.1                | 799.3                 | 80.78                   | 10.895             |         |
| 9,762.0   | 6,900.0             | 9,794.0             | 6,900.0             | 39.6            | 42.5        | 90.00                 | 469.8                             | 1,544.2    | 880.1                | 798.1                 | 82.02                   | 10.730             |         |
| 9,800.0   | 6,900.0             | 9,859.3             | 6,900.0             | 39.9            | 43.1        | 90.00                 | 535.0                             | 1,543.0    | 880.0                | 797.0                 | 82.96                   | 10.607             |         |
| 9,900.0   | 6,900.0             | 10,018.3            | 6,900.0             | 40.7            | 44.6        | 90.00                 | 693.6                             | 1,531.0    | 877.1                | 792.1                 | 85.02                   | 10.316             |         |
| 9,949.2   | 6,900.0             | 10,067.5            | 6,900.0             | 41.1            | 45.2        | 90.00                 | 742.5                             | 1,525.9    | 876.5                | 790.6                 | 85.85                   | 10.209             |         |
| 9,952.6   | 6,900.0             | 10,070.9            | 6,900.0             | 41.1            | 45.2        | 90.00                 | 745.9                             | 1,525.6    | 876.5                | 790.6                 | 85.91                   | 10.203             |         |
| 10,000.0  | 6,900.0             | 10,118.3            | 6,900.0             | 41.6            | 45.8        | 90.00                 | 793.1                             | 1,520.7    | 876.6                | 789.6                 | 86.93                   | 10.083             |         |
| 10,100.0  | 6,900.0             | 10,218.3            | 6,900.0             | 42.9            | 47.2        | 90.00                 | 892.5                             | 1,510.4    | 876.8                | 787.4                 | 89.40                   | 9.807              |         |
| 10,200.0  | 6,900.0             | 10,318.3            | 6,900.0             | 44.2            | 48.6        | 90.00                 | 992.0                             | 1,500.1    | 876.9                | 785.0                 | 91.98                   | 9.534              |         |
| 10,300.0  | 6,900.0             | 10,418.3            | 6,900.0             | 45.6            | 50.0        | 90.00                 | 1,091.5                           | 1,489.9    | 877.1                | 782.5                 | 94.64                   | 9.267              |         |
| 10,400.0  | 6,900.0             | 10,518.3            | 6,900.0             | 47.0            | 51.5        | 90.00                 | 1,190.9                           | 1,479.6    | 877.3                | 779.9                 | 97.40                   | 9.007              |         |
| 10,500.0  | 6,900.0             | 10,618.3            | 6,900.0             | 48.5            | 52.9        | 90.00                 | 1,290.4                           | 1,469.3    | 877.5                | 777.2                 | 100.23                  | 8.754              |         |
| 10,600.0  | 6,900.0             | 10,718.3            | 6,900.0             | 50.0            | 54.5        | 90.00                 | 1,389.9                           | 1,459.0    | 877.6                | 774.5                 | 103.14                  | 8.510              |         |
| 10,700.0  | 6,900.0             | 10,818.3            | 6,900.0             | 51.5            | 56.0        | 90.00                 | 1,489.4                           | 1,448.8    | 877.8                | 771.7                 | 106.11                  | 8.273              |         |
| 10,800.0  | 6,900.0             | 10,918.3            | 6,900.0             | 53.0            | 57.6        | 90.00                 | 1,588.8                           | 1,438.5    | 878.0                | 768.9                 | 109.14                  | 8.045              |         |
| 10,900.0  | 6,900.0             | 11,018.3            | 6,900.0             | 54.6            | 59.2        | 90.00                 | 1,688.3                           | 1,428.2    | 878.2                | 765.9                 | 112.23                  | 7.825              |         |
| 11,000.0  | 6,900.0             | 11,118.3            | 6,900.0             | 56.2            | 60.8        | 90.00                 | 1,787.8                           | 1,418.0    | 878.4                | 763.0                 | 115.37                  | 7.613              |         |
| 11,100.0  | 6,900.0             | 11,218.3            | 6,900.0             | 57.8            | 62.4        | 90.00                 | 1,887.2                           | 1,407.7    | 878.5                | 760.0                 | 118.56                  | 7.410              |         |
| 11,200.0  | 6,900.0             | 11,318.3            | 6,900.0             | 59.5            | 64.0        | 90.00                 | 1,986.7                           | 1,397.4    | 878.7                | 756.9                 | 121.79                  | 7.215              |         |
| 11,300.0  | 6,900.0             | 11,418.3            | 6,900.0             | 61.1            | 65.7        | 90.00                 | 2,086.2                           | 1,387.1    | 878.9                | 753.8                 | 125.06                  | 7.028              |         |
| 11,400.0  | 6,900.0             | 11,518.3            | 6,900.0             | 62.8            | 67.4        | 90.00                 | 2,185.7                           | 1,376.9    | 879.1                | 750.7                 | 128.37                  | 6.848              |         |
| 11,500.0  | 6,900.0             | 11,618.3            | 6,900.0             | 64.5            | 69.1        | 90.00                 | 2,285.1                           | 1,366.6    | 879.2                | 747.5                 | 131.71                  | 6.675              |         |
| 11,600.0  | 6,900.0             | 11,664.0            | 6,900.0             | 66.2            | 69.8        | 90.00                 | 2,330.5                           | 1,361.9    | 881.1                | 746.9                 | 134.18                  | 6.567              |         |
| 11,639.0  | 6,900.0             | 11,664.0            | 6,900.0             | 66.9            | 69.8        | 90.00                 | 2,330.5                           | 1,361.9    | 884.4                | 749.6                 | 134.85                  | 6.559 SF           |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14) |                     |                     |                     |                |             |                                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0ft |
|--|---------------------|---------------------|---------------------|----------------|-------------|---------------------------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|-------|
| Survey Program: 0-MWD  |                     |                     |                     |                |             |                                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0ft |
| Measured Depth (ft)  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Semi Major Axis Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning            |       |
| 0.0  | 0.0                 | 0.0                 | 0.0                 | 0.0            | 0.0         | 179.73                                | -60.1                             | 0.3        | 60.1                 |                       |                         |                   |                    |       |
| 100.0  | 100.0               | 100.0               | 100.0               | 0.1            | 0.1         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 59.9                  | 0.22                    | 267.440           |                    |       |
| 200.0  | 200.0               | 200.0               | 200.0               | 0.3            | 0.3         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 59.4                  | 0.67                    | 89.147            |                    |       |
| 300.0  | 300.0               | 300.0               | 300.0               | 0.6            | 0.6         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 59.0                  | 1.12                    | 53.488            |                    |       |
| 400.0  | 400.0               | 400.0               | 400.0               | 0.8            | 0.8         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 58.5                  | 1.57                    | 38.206            |                    |       |
| 500.0  | 500.0               | 500.0               | 500.0               | 1.0            | 1.0         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 58.1                  | 2.02                    | 29.716            |                    |       |
| 600.0  | 600.0               | 600.0               | 600.0               | 1.2            | 1.2         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 57.6                  | 2.47                    | 24.313            |                    |       |
| 700.0  | 700.0               | 700.0               | 700.0               | 1.5            | 1.5         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 57.2                  | 2.92                    | 20.572            |                    |       |
| 800.0  | 800.0               | 800.0               | 800.0               | 1.7            | 1.7         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 56.7                  | 3.37                    | 17.829            |                    |       |
| 900.0  | 900.0               | 900.0               | 900.0               | 1.9            | 1.9         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 56.3                  | 3.82                    | 15.732            |                    |       |
| 1,000.0  | 1,000.0             | 1,000.0             | 1,000.0             | 2.1            | 2.1         | 179.73                                | -60.1                             | 0.3        | 60.1                 | 55.8                  | 4.27                    | 14.076 CC, ES     |                    |       |
| 1,100.0  | 1,100.0             | 1,098.2             | 1,098.1             | 2.4            | 2.3         | 178.99                                | -61.6                             | 1.1        | 61.6                 | 56.9                  | 4.69                    | 13.138            |                    |       |
| 1,200.0  | 1,200.0             | 1,196.1             | 1,195.9             | 2.6            | 2.5         | 176.96                                | -66.0                             | 3.5        | 66.2                 | 61.1                  | 5.09                    | 12.997            |                    |       |
| 1,300.0  | 1,300.0             | 1,293.5             | 1,293.0             | 2.8            | 2.7         | 174.14                                | -73.3                             | 7.5        | 74.0                 | 68.5                  | 5.51                    | 13.433            |                    |       |
| 1,400.0  | 1,400.0             | 1,390.3             | 1,389.1             | 3.0            | 2.9         | 171.09                                | -83.4                             | 13.1       | 85.1                 | 79.2                  | 5.93                    | 14.342            |                    |       |
| 1,500.0  | 1,500.0             | 1,486.2             | 1,483.9             | 3.3            | 3.2         | 168.19                                | -96.2                             | 20.1       | 99.6                 | 93.2                  | 6.37                    | 15.636            |                    |       |
| 1,600.0  | 1,600.0             | 1,581.0             | 1,577.1             | 3.5            | 3.4         | 165.64                                | -111.6                            | 28.6       | 117.4                | 110.6                 | 6.81                    | 17.237            |                    |       |
| 1,700.0  | 1,700.0             | 1,674.9             | 1,668.7             | 3.7            | 3.8         | -2.20                                 | -129.5                            | 38.4       | 136.9                | 129.7                 | 7.19                    | 19.051            |                    |       |
| 1,800.0  | 1,799.8             | 1,768.2             | 1,759.0             | 3.9            | 4.1         | -4.10                                 | -149.8                            | 49.6       | 156.3                | 148.7                 | 7.56                    | 20.663            |                    |       |
| 1,900.0  | 1,899.5             | 1,860.9             | 1,848.0             | 4.0            | 4.5         | -5.82                                 | -172.6                            | 62.1       | 175.6                | 167.6                 | 7.95                    | 22.090            |                    |       |
| 2,000.0  | 1,998.7             | 1,953.0             | 1,935.5             | 4.2            | 5.0         | -7.40                                 | -197.7                            | 75.9       | 194.7                | 186.4                 | 8.34                    | 23.350            |                    |       |
| 2,100.0  | 2,097.5             | 2,044.5             | 2,021.5             | 4.5            | 5.6         | -8.89                                 | -225.1                            | 91.0       | 213.7                | 205.0                 | 8.73                    | 24.478            |                    |       |
| 2,200.0  | 2,195.6             | 2,135.4             | 2,105.9             | 4.7            | 6.1         | -10.31                                | -254.7                            | 107.3      | 232.7                | 223.5                 | 9.14                    | 25.445            |                    |       |
| 2,300.0  | 2,293.1             | 2,225.8             | 2,188.8             | 5.0            | 6.8         | -11.66                                | -286.5                            | 124.7      | 251.5                | 241.9                 | 9.57                    | 26.283            |                    |       |
| 2,400.0  | 2,389.6             | 2,315.6             | 2,269.9             | 5.4            | 7.5         | -12.96                                | -320.2                            | 143.3      | 270.2                | 260.2                 | 10.01                   | 26.988            |                    |       |
| 2,500.0  | 2,485.3             | 2,412.4             | 2,356.4             | 5.8            | 8.3         | -14.35                                | -358.2                            | 164.1      | 287.7                | 277.2                 | 10.50                   | 27.398            |                    |       |
| 2,600.0  | 2,579.8             | 2,511.0             | 2,444.6             | 6.3            | 9.1         | -15.76                                | -396.9                            | 185.4      | 302.2                | 291.1                 | 11.03                   | 27.396            |                    |       |
| 2,700.0  | 2,673.2             | 2,610.1             | 2,533.1             | 6.8            | 10.0        | -17.24                                | -435.8                            | 206.8      | 313.5                | 301.9                 | 11.60                   | 27.017            |                    |       |
| 2,800.0  | 2,765.2             | 2,709.3             | 2,621.8             | 7.4            | 10.9        | -18.83                                | -474.7                            | 228.2      | 321.8                | 309.5                 | 12.24                   | 26.295            |                    |       |
| 2,900.0  | 2,855.8             | 2,808.7             | 2,710.7             | 8.1            | 11.8        | -20.55                                | -513.7                            | 249.6      | 327.0                | 314.0                 | 12.94                   | 25.261            |                    |       |
| 3,000.0  | 2,944.9             | 2,908.0             | 2,799.5             | 8.9            | 12.6        | -22.47                                | -552.8                            | 271.1      | 329.3                | 315.6                 | 13.75                   | 23.943            |                    |       |
| 3,100.0  | 3,032.4             | 3,007.2             | 2,888.2             | 9.7            | 13.5        | -24.62                                | -591.7                            | 292.5      | 328.8                | 314.1                 | 14.70                   | 22.375            |                    |       |
| 3,171.0  | 3,093.4             | 3,077.5             | 2,951.0             | 10.3           | 14.2        | -26.32                                | -619.3                            | 307.6      | 326.9                | 311.4                 | 15.47                   | 21.130            |                    |       |
| 3,200.0  | 3,118.2             | 3,106.2             | 2,976.7             | 10.6           | 14.4        | -27.04                                | -630.6                            | 313.8      | 325.8                | 310.0                 | 15.83                   | 20.579            |                    |       |
| 3,300.0  | 3,203.5             | 3,205.1             | 3,065.1             | 11.5           | 15.3        | -29.56                                | -669.4                            | 335.2      | 322.6                | 305.5                 | 17.18                   | 18.783            |                    |       |
| 3,400.0  | 3,288.9             | 3,304.0             | 3,153.6             | 12.5           | 16.2        | -32.12                                | -708.2                            | 356.5      | 320.1                | 301.4                 | 18.67                   | 17.150            |                    |       |
| 3,500.0  | 3,374.2             | 3,402.9             | 3,242.0             | 13.4           | 17.1        | -34.72                                | -747.1                            | 377.9      | 318.3                | 298.0                 | 20.30                   | 15.680            |                    |       |
| 3,600.0  | 3,459.5             | 3,501.8             | 3,330.4             | 14.4           | 18.0        | -37.34                                | -785.9                            | 399.2      | 317.1                | 295.0                 | 22.07                   | 14.369            |                    |       |
| 3,700.0  | 3,544.9             | 3,600.7             | 3,418.8             | 15.4           | 18.9        | -39.97                                | -824.7                            | 420.5      | 316.6                | 292.6                 | 23.96                   | 13.210            |                    |       |
| 3,723.5  | 3,564.9             | 3,624.0             | 3,439.6             | 15.6           | 19.1        | -40.59                                | -833.8                            | 425.6      | 316.5                | 292.1                 | 24.43                   | 12.957            |                    |       |
| 3,800.0  | 3,630.2             | 3,699.7             | 3,507.3             | 16.4           | 19.8        | -42.61                                | -863.5                            | 441.9      | 316.7                | 290.8                 | 25.98                   | 12.191            |                    |       |
| 3,900.0  | 3,715.5             | 3,798.6             | 3,595.7             | 17.4           | 20.7        | -45.24                                | -902.4                            | 463.2      | 317.6                | 289.5                 | 28.11                   | 11.300            |                    |       |
| 4,000.0  | 3,800.9             | 3,897.5             | 3,684.1             | 18.4           | 21.6        | -47.85                                | -941.2                            | 484.6      | 319.2                | 288.8                 | 30.33                   | 10.524            |                    |       |
| 4,100.0  | 3,886.2             | 3,996.4             | 3,772.6             | 19.4           | 22.5        | -50.43                                | -980.0                            | 505.9      | 321.4                | 288.7                 | 32.62                   | 9.851             |                    |       |
| 4,200.0  | 3,971.6             | 4,095.3             | 3,861.0             | 20.4           | 23.4        | -52.97                                | -1,018.9                          | 527.3      | 324.2                | 289.3                 | 34.99                   | 9.268             |                    |       |
| 4,300.0  | 4,056.9             | 4,194.2             | 3,949.4             | 21.4           | 24.4        | -55.46                                | -1,057.7                          | 548.6      | 327.7                | 290.4                 | 37.40                   | 8.764             |                    |       |
| 4,400.0  | 4,142.2             | 4,293.1             | 4,037.8             | 22.4           | 25.3        | -57.90                                | -1,096.5                          | 569.9      | 331.9                | 292.0                 | 39.84                   | 8.330             |                    |       |
| 4,500.0  | 4,227.6             | 4,392.0             | 4,126.3             | 23.5           | 26.2        | -60.27                                | -1,135.3                          | 591.3      | 336.6                | 294.3                 | 42.31                   | 7.956             |                    |       |
| 4,600.0  | 4,312.9             | 4,490.9             | 4,214.7             | 24.5           | 27.1        | -62.57                                | -1,174.2                          | 612.6      | 341.9                | 297.1                 | 44.79                   | 7.634             |                    |       |
| 4,700.0  | 4,398.2             | 4,589.8             | 4,303.1             | 25.5           | 28.0        | -64.81                                | -1,213.0                          | 634.0      | 347.7                | 300.5                 | 47.27                   | 7.357             |                    |       |
| 4,800.0  | 4,483.6             | 4,688.7             | 4,391.6             | 26.5           | 28.9        | -66.96                                | -1,251.8                          | 655.3      | 354.1                | 304.3                 | 49.74                   | 7.119             |                    |       |
| 4,900.0  | 4,568.9             | 4,787.6             | 4,480.0             | 27.6           | 29.8        | -69.04                                | -1,290.7                          | 676.7      | 360.9                | 308.7                 | 52.20                   | 6.915             |                    |       |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0ft   |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Survey Program: 0-MWID |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0ft   |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    |         |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  | Warning |
| 5,000.0                | 4,654.3             | 4,886.5             | 4,568.4             | 28.6            | 30.7        | -71.04                | -1,329.5                          | 698.0      | 368.2                | 313.6                 | 54.63                   | 6.740              |         |
| 5,100.0                | 4,739.6             | 4,985.5             | 4,656.8             | 29.6            | 31.7        | -72.96                | -1,368.3                          | 719.3      | 376.0                | 318.9                 | 57.05                   | 6.590              |         |
| 5,200.0                | 4,824.9             | 5,084.4             | 4,745.3             | 30.7            | 32.6        | -74.81                | -1,407.1                          | 740.7      | 384.1                | 324.7                 | 59.43                   | 6.463              |         |
| 5,300.0                | 4,910.3             | 5,183.3             | 4,833.7             | 31.7            | 33.5        | -76.57                | -1,446.0                          | 762.0      | 392.7                | 330.9                 | 61.79                   | 6.355              |         |
| 5,400.0                | 4,995.6             | 5,282.2             | 4,922.1             | 32.7            | 34.4        | -78.26                | -1,484.8                          | 783.4      | 401.6                | 337.4                 | 64.12                   | 6.263              |         |
| 5,500.0                | 5,080.9             | 5,381.1             | 5,010.5             | 33.7            | 35.3        | -79.88                | -1,523.6                          | 804.7      | 410.8                | 344.4                 | 66.41                   | 6.186              |         |
| 5,600.0                | 5,166.3             | 5,480.0             | 5,099.0             | 34.8            | 36.2        | -81.43                | -1,562.5                          | 826.0      | 420.3                | 351.7                 | 68.67                   | 6.121              |         |
| 5,700.0                | 5,251.6             | 5,578.9             | 5,187.4             | 35.8            | 37.1        | -82.90                | -1,601.3                          | 847.4      | 430.2                | 359.3                 | 70.90                   | 6.067              |         |
| 5,800.0                | 5,337.0             | 5,677.8             | 5,275.8             | 36.9            | 38.1        | -84.31                | -1,640.1                          | 868.7      | 440.3                | 367.2                 | 73.10                   | 6.023              |         |
| 5,900.0                | 5,422.3             | 5,776.7             | 5,364.3             | 37.9            | 39.0        | -85.66                | -1,679.0                          | 890.1      | 450.7                | 375.4                 | 75.27                   | 5.987              |         |
| 6,000.0                | 5,507.6             | 5,875.6             | 5,452.7             | 38.9            | 39.9        | -86.95                | -1,717.8                          | 911.4      | 461.3                | 383.9                 | 77.41                   | 5.959              |         |
| 6,100.0                | 5,593.0             | 5,974.5             | 5,541.1             | 40.0            | 40.8        | -88.17                | -1,756.6                          | 932.8      | 472.1                | 392.6                 | 79.53                   | 5.936              |         |
| 6,200.0                | 5,678.3             | 6,073.4             | 5,629.5             | 41.0            | 41.7        | -89.35                | -1,795.4                          | 954.1      | 483.1                | 401.5                 | 81.61                   | 5.920              |         |
| 6,300.0                | 5,763.6             | 6,172.3             | 5,718.0             | 42.0            | 42.6        | -90.47                | -1,834.3                          | 975.4      | 494.4                | 410.7                 | 83.67                   | 5.908              |         |
| 6,381.6                | 5,833.3             | 6,253.1             | 5,790.1             | 42.9            | 43.4        | -91.35                | -1,866.0                          | 992.9      | 503.7                | 418.3                 | 85.34                   | 5.902              |         |
| 6,400.0                | 5,849.1             | 6,271.3             | 5,806.4             | 43.0            | 43.6        | -90.96                | -1,873.1                          | 996.8      | 505.7                | 420.0                 | 85.74                   | 5.898              |         |
| 6,450.0                | 5,893.2             | 6,321.0             | 5,850.9             | 43.4            | 44.0        | -89.18                | -1,892.6                          | 1,007.5    | 510.5                | 423.9                 | 86.66                   | 5.891              |         |
| 6,500.0                | 5,938.7             | 6,370.8             | 5,895.4             | 43.7            | 44.5        | -86.12                | -1,912.2                          | 1,018.3    | 514.2                | 426.8                 | 87.46                   | 5.879              |         |
| 6,550.0                | 5,985.5             | 6,420.5             | 5,939.9             | 44.0            | 44.9        | -81.33                | -1,931.7                          | 1,029.0    | 516.9                | 428.7                 | 88.14                   | 5.864              |         |
| 6,600.0                | 6,033.3             | 6,469.8             | 5,983.9             | 44.2            | 45.4        | -74.00                | -1,951.1                          | 1,039.6    | 518.5                | 429.8                 | 88.67                   | 5.847              |         |
| 6,650.0                | 6,081.9             | 6,518.5             | 6,027.4             | 44.4            | 45.9        | -62.65                | -1,970.2                          | 1,050.1    | 519.2                | 430.2                 | 89.06                   | 5.830              |         |
| 6,700.0                | 6,131.0             | 6,566.3             | 6,070.2             | 44.5            | 46.3        | -44.86                | -1,988.9                          | 1,060.5    | 519.3                | 430.0                 | 89.28                   | 5.817              |         |
| 6,750.0                | 6,180.3             | 6,613.0             | 6,112.0             | 44.6            | 46.7        | -19.12                | -2,007.3                          | 1,070.5    | 519.0                | 429.7                 | 89.32                   | 5.811 SF           |         |
| 6,800.0                | 6,229.8             | 6,658.4             | 6,152.5             | 44.6            | 47.1        | 9.10                  | -2,025.1                          | 1,080.3    | 518.7                | 429.5                 | 89.18                   | 5.816              |         |
| 6,830.1                | 6,259.5             | 6,685.0             | 6,176.3             | 44.6            | 47.4        | 23.38                 | -2,035.5                          | 1,086.1    | 518.6                | 429.6                 | 89.01                   | 5.826              |         |
| 6,850.0                | 6,279.0             | 6,702.3             | 6,191.7             | 44.6            | 47.6        | 31.21                 | -2,042.3                          | 1,089.8    | 518.6                | 429.8                 | 88.86                   | 5.836              |         |
| 6,900.0                | 6,327.9             | 6,744.4             | 6,229.4             | 44.6            | 47.9        | 46.26                 | -2,058.8                          | 1,098.9    | 519.3                | 430.9                 | 88.37                   | 5.876              |         |
| 6,950.0                | 6,376.0             | 6,783.8             | 6,264.8             | 44.5            | 48.3        | 56.64                 | -2,074.1                          | 1,107.4    | 521.2                | 433.5                 | 87.74                   | 5.941              |         |
| 7,000.0                | 6,423.3             | 6,822.8             | 6,300.3             | 44.3            | 48.5        | 64.24                 | -2,087.6                          | 1,116.0    | 524.7                | 437.7                 | 86.96                   | 6.033              |         |
| 7,050.0                | 6,469.4             | 6,862.9             | 6,337.6             | 44.1            | 48.8        | 70.21                 | -2,099.3                          | 1,125.0    | 529.8                | 443.7                 | 86.09                   | 6.154              |         |
| 7,100.0                | 6,514.2             | 6,904.5             | 6,376.9             | 43.9            | 49.0        | 75.14                 | -2,109.2                          | 1,134.4    | 536.7                | 451.5                 | 85.15                   | 6.303              |         |
| 7,150.0                | 6,557.4             | 6,947.8             | 6,418.3             | 43.7            | 49.2        | 79.38                 | -2,117.0                          | 1,144.4    | 545.3                | 461.1                 | 84.15                   | 6.479              |         |
| 7,200.0                | 6,598.8             | 6,993.2             | 6,462.0             | 43.4            | 49.3        | 83.13                 | -2,122.4                          | 1,154.9    | 555.4                | 472.3                 | 83.09                   | 6.685              |         |
| 7,250.0                | 6,638.3             | 7,040.8             | 6,508.3             | 43.1            | 49.5        | 86.53                 | -2,124.9                          | 1,165.9    | 567.2                | 485.2                 | 81.98                   | 6.918              |         |
| 7,300.0                | 6,675.6             | 7,091.3             | 6,557.4             | 42.7            | 49.6        | 89.67                 | -2,124.2                          | 1,177.7    | 580.3                | 499.5                 | 80.82                   | 7.180              |         |
| 7,350.0                | 6,710.5             | 7,145.2             | 6,609.6             | 42.3            | 49.6        | 92.62                 | -2,119.5                          | 1,190.2    | 594.8                | 515.1                 | 79.61                   | 7.471              |         |
| 7,400.0                | 6,742.8             | 7,203.2             | 6,665.2             | 42.0            | 49.6        | 95.45                 | -2,109.9                          | 1,203.4    | 610.2                | 531.9                 | 78.33                   | 7.791              |         |
| 7,450.0                | 6,772.5             | 7,266.0             | 6,724.4             | 41.5            | 49.6        | 98.19                 | -2,094.4                          | 1,217.5    | 626.5                | 549.5                 | 76.97                   | 8.139              |         |
| 7,500.0                | 6,799.4             | 7,334.8             | 6,787.5             | 41.1            | 49.4        | 100.88                | -2,071.3                          | 1,232.5    | 643.2                | 567.7                 | 75.54                   | 8.516              |         |
| 7,550.0                | 6,823.3             | 7,410.8             | 6,854.3             | 40.7            | 49.2        | 103.54                | -2,038.8                          | 1,248.3    | 660.1                | 586.1                 | 74.01                   | 8.919              |         |
| 7,600.0                | 6,844.1             | 7,495.4             | 6,924.2             | 40.3            | 48.9        | 106.16                | -1,994.2                          | 1,264.8    | 676.6                | 604.2                 | 72.41                   | 9.345              |         |
| 7,650.0                | 6,861.8             | 7,590.1             | 6,995.8             | 39.8            | 48.4        | 108.70                | -1,934.7                          | 1,281.7    | 692.3                | 621.5                 | 70.75                   | 9.784              |         |
| 7,700.0                | 6,876.2             | 7,696.1             | 7,066.1             | 39.4            | 47.7        | 111.08                | -1,857.3                          | 1,298.2    | 706.4                | 637.3                 | 69.13                   | 10.218             |         |
| 7,750.0                | 6,887.2             | 7,814.2             | 7,130.4             | 39.0            | 46.9        | 113.15                | -1,759.5                          | 1,313.1    | 718.2                | 650.6                 | 67.67                   | 10.613             |         |
| 7,800.0                | 6,894.9             | 7,943.6             | 7,182.0             | 38.5            | 46.0        | 114.75                | -1,641.6                          | 1,324.9    | 727.0                | 660.5                 | 66.54                   | 10.925             |         |
| 7,850.0                | 6,899.1             | 8,081.7             | 7,213.3             | 38.1            | 44.9        | 115.69                | -1,507.5                          | 1,331.7    | 732.1                | 666.1                 | 65.92                   | 11.105             |         |
| 7,886.3                | 6,900.0             | 8,182.6             | 7,220.0             | 37.9            | 44.2        | 115.88                | -1,406.9                          | 1,332.9    | 733.1                | 667.3                 | 65.86                   | 11.132             |         |
| 7,900.0                | 6,900.0             | 8,196.3             | 7,220.0             | 37.7            | 44.1        | 115.88                | -1,393.2                          | 1,332.8    | 733.1                | 667.4                 | 65.68                   | 11.162             |         |
| 8,000.0                | 6,900.0             | 8,296.3             | 7,220.0             | 37.0            | 43.3        | 115.88                | -1,293.2                          | 1,332.3    | 733.1                | 668.7                 | 64.43                   | 11.379             |         |
| 8,100.0                | 6,900.0             | 8,396.3             | 7,220.0             | 36.3            | 42.6        | 115.88                | -1,193.2                          | 1,331.9    | 733.1                | 669.8                 | 63.35                   | 11.574             |         |
| 8,200.0                | 6,900.0             | 8,496.3             | 7,220.0             | 35.7            | 42.0        | 115.88                | -1,093.2                          | 1,331.4    | 733.2                | 670.7                 | 62.44                   | 11.741             |         |
| 8,300.0                | 6,900.0             | 8,596.3             | 7,220.0             | 35.1            | 41.4        | 115.88                | -993.3                            | 1,330.9    | 733.2                | 671.5                 | 61.73                   | 11.878             |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| Offset Design      SRC Vista (N/S) Pad Sec.2-T4N-R68W -   SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14) |                |                |                |                 |        |                   |                        |            |                 |                  |                    | Offset Site Error:      0.0 ft |         |
|---|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|--------------------------------|---------|
| Survey Program:   0-MWD   |                |                |                |                 |        |                   |                        |            |                 |                  |                    | Offset Well Error:      0.0 ft |         |
| Reference   |                | Offset         |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                    |                                | Warning |
| Measured Depth  | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Minimum Separation | Separation Factor              |         |
| (ft)  | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | (ft)               |                                |         |
| 8,400.0   | 6,900.0        | 8,696.3        | 7,220.0        | 34.7            | 40.8   | 115.88            | -893.3                 | 1,330.5    | 733.2           | 672.0            | 61.21              | 11.979                         |         |
| 8,500.0   | 6,900.0        | 8,796.3        | 7,220.0        | 34.4            | 40.3   | 115.88            | -793.3                 | 1,330.0    | 733.2           | 672.3            | 60.88              | 12.043                         |         |
| 8,600.0   | 6,900.0        | 8,896.3        | 7,220.0        | 34.1            | 39.9   | 115.88            | -693.3                 | 1,329.5    | 733.2           | 672.5            | 60.76              | 12.067                         |         |
| 8,700.0   | 6,900.0        | 8,996.3        | 7,220.0        | 34.0            | 39.5   | 115.88            | -593.3                 | 1,329.1    | 733.3           | 672.4            | 60.85              | 12.051                         |         |
| 8,800.0   | 6,900.0        | 9,096.3        | 7,220.0        | 34.0            | 39.2   | 115.87            | -493.3                 | 1,328.6    | 733.3           | 672.1            | 61.13              | 11.995                         |         |
| 8,900.0   | 6,900.0        | 9,196.3        | 7,220.0        | 34.1            | 38.9   | 115.87            | -393.3                 | 1,328.1    | 733.3           | 671.7            | 61.62              | 11.901                         |         |
| 9,000.0   | 6,900.0        | 9,296.3        | 7,220.0        | 34.3            | 38.8   | 115.87            | -293.3                 | 1,327.7    | 733.3           | 671.0            | 62.30              | 11.771                         |         |
| 9,100.0   | 6,900.0        | 9,396.3        | 7,220.0        | 34.6            | 38.7   | 115.87            | -193.3                 | 1,327.2    | 733.3           | 670.2            | 63.16              | 11.610                         |         |
| 9,200.0   | 6,900.0        | 9,496.3        | 7,220.0        | 35.1            | 38.8   | 115.87            | -93.3                  | 1,326.7    | 733.3           | 669.1            | 64.21              | 11.420                         |         |
| 9,300.0   | 6,900.0        | 9,596.3        | 7,220.0        | 35.7            | 39.0   | 115.87            | 6.7                    | 1,326.2    | 733.4           | 667.9            | 65.44              | 11.207                         |         |
| 9,400.0   | 6,900.0        | 9,696.3        | 7,220.0        | 36.4            | 39.3   | 115.87            | 106.7                  | 1,325.8    | 733.4           | 666.6            | 66.82              | 10.975                         |         |
| 9,500.0   | 6,900.0        | 9,796.3        | 7,220.0        | 37.1            | 39.9   | 115.87            | 206.7                  | 1,325.3    | 733.4           | 665.0            | 68.36              | 10.729                         |         |
| 9,600.0   | 6,900.0        | 9,896.3        | 7,220.0        | 38.0            | 40.5   | 115.87            | 306.7                  | 1,324.8    | 733.4           | 663.4            | 70.04              | 10.471                         |         |
| 9,700.0   | 6,900.0        | 9,996.3        | 7,220.0        | 39.0            | 41.4   | 115.87            | 406.7                  | 1,324.4    | 733.4           | 661.6            | 71.85              | 10.207                         |         |
| 9,762.0   | 6,900.0        | 10,058.2       | 7,220.0        | 39.6            | 42.0   | 115.87            | 468.7                  | 1,324.1    | 733.4           | 660.4            | 73.04              | 10.042                         |         |
| 9,800.0   | 6,900.0        | 10,114.0       | 7,220.0        | 39.9            | 42.4   | 115.87            | 524.4                  | 1,323.1    | 733.4           | 659.4            | 73.94              | 9.918                          |         |
| 9,900.0   | 6,900.0        | 10,261.2       | 7,220.0        | 40.7            | 43.7   | 115.95            | 671.3                  | 1,312.9    | 731.6           | 655.6            | 75.99              | 9.627                          |         |
| 9,949.8   | 6,900.0        | 10,311.0       | 7,220.0        | 41.1            | 44.3   | 115.96            | 720.9                  | 1,307.7    | 731.0           | 654.1            | 76.92              | 9.504                          |         |
| 9,952.6   | 6,900.0        | 10,313.8       | 7,220.0        | 41.1            | 44.3   | 115.96            | 723.6                  | 1,307.4    | 731.0           | 654.0            | 76.97              | 9.497                          |         |
| 10,000.0  | 6,900.0        | 10,361.2       | 7,220.0        | 41.6            | 44.9   | 115.96            | 770.8                  | 1,302.5    | 731.1           | 653.1            | 77.96              | 9.377                          |         |
| 10,100.0  | 6,900.0        | 10,461.2       | 7,220.0        | 42.9            | 46.2   | 115.95            | 870.2                  | 1,292.2    | 731.2           | 650.9            | 80.28              | 9.108                          |         |
| 10,200.0  | 6,900.0        | 10,561.2       | 7,220.0        | 44.2            | 47.6   | 115.95            | 969.7                  | 1,281.9    | 731.3           | 648.6            | 82.69              | 8.844                          |         |
| 10,300.0  | 6,900.0        | 10,661.2       | 7,220.0        | 45.6            | 49.0   | 115.94            | 1,069.2                | 1,271.6    | 731.4           | 646.3            | 85.18              | 8.587                          |         |
| 10,400.0  | 6,900.0        | 10,761.2       | 7,220.0        | 47.0            | 50.4   | 115.94            | 1,168.6                | 1,261.3    | 731.6           | 643.8            | 87.75              | 8.337                          |         |
| 10,500.0  | 6,900.0        | 10,861.2       | 7,220.0        | 48.5            | 51.9   | 115.93            | 1,268.1                | 1,251.0    | 731.7           | 641.3            | 90.40              | 8.094                          |         |
| 10,600.0  | 6,900.0        | 10,961.2       | 7,220.0        | 50.0            | 53.4   | 115.93            | 1,367.6                | 1,240.7    | 731.8           | 638.7            | 93.10              | 7.861                          |         |
| 10,700.0  | 6,900.0        | 11,061.2       | 7,220.0        | 51.5            | 54.9   | 115.92            | 1,467.0                | 1,230.4    | 732.0           | 636.1            | 95.87              | 7.635                          |         |
| 10,800.0  | 6,900.0        | 11,161.2       | 7,220.0        | 53.0            | 56.5   | 115.92            | 1,566.5                | 1,220.1    | 732.1           | 633.4            | 98.68              | 7.419                          |         |
| 10,900.0  | 6,900.0        | 11,261.2       | 7,220.0        | 54.6            | 58.1   | 115.91            | 1,666.0                | 1,209.8    | 732.2           | 630.7            | 101.55             | 7.210                          |         |
| 11,000.0  | 6,900.0        | 11,361.2       | 7,220.0        | 56.2            | 59.7   | 115.91            | 1,765.4                | 1,199.5    | 732.4           | 627.9            | 104.47             | 7.011                          |         |
| 11,100.0  | 6,900.0        | 11,461.2       | 7,220.0        | 57.8            | 61.3   | 115.90            | 1,864.9                | 1,189.2    | 732.5           | 625.1            | 107.42             | 6.819                          |         |
| 11,200.0  | 6,900.0        | 11,561.2       | 7,220.0        | 59.5            | 62.9   | 115.90            | 1,964.4                | 1,178.9    | 732.6           | 622.2            | 110.41             | 6.635                          |         |
| 11,300.0  | 6,900.0        | 11,661.2       | 7,220.0        | 61.1            | 64.6   | 115.89            | 2,063.8                | 1,168.6    | 732.8           | 619.3            | 113.44             | 6.459                          |         |
| 11,400.0  | 6,900.0        | 11,761.2       | 7,220.0        | 62.8            | 66.2   | 115.89            | 2,163.3                | 1,158.3    | 732.9           | 616.4            | 116.50             | 6.291                          |         |
| 11,500.0  | 6,900.0        | 11,861.2       | 7,220.0        | 64.5            | 67.9   | 115.88            | 2,262.8                | 1,148.0    | 733.0           | 613.4            | 119.60             | 6.129                          |         |
| 11,543.0  | 6,900.0        | 11,904.2       | 7,220.0        | 65.2            | 68.7   | 115.88            | 2,305.5                | 1,143.5    | 733.1           | 612.1            | 120.93             | 6.062                          |         |
| 11,600.0  | 6,900.0        | 11,930.1       | 7,220.0        | 66.2            | 69.1   | 115.88            | 2,331.2                | 1,140.9    | 733.8           | 611.6            | 122.23             | 6.004                          |         |
| 11,639.0  | 6,900.0        | 11,930.1       | 7,220.0        | 66.9            | 69.1   | 115.88            | 2,331.2                | 1,140.9    | 736.5           | 613.7            | 122.84             | 5.996                          |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0 ft  |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0 ft  |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.0                   | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | -180.00               | -40.1                             | 0.0        | 40.1                 |                       |                         |                   |                    |         |
| 100.0                 | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | -180.00               | -40.1                             | 0.0        | 40.1                 | 39.8                  | 0.22                    | 178.273           |                    |         |
| 200.0                 | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | -180.00               | -40.1                             | 0.0        | 40.1                 | 39.4                  | 0.67                    | 59.424            |                    |         |
| 300.0                 | 300.0               | 300.0               | 300.0               | 0.6             | 0.6         | -180.00               | -40.1                             | 0.0        | 40.1                 | 38.9                  | 1.12                    | 35.655            |                    |         |
| 400.0                 | 400.0               | 400.0               | 400.0               | 0.8             | 0.8         | -180.00               | -40.1                             | 0.0        | 40.1                 | 38.5                  | 1.57                    | 25.468            |                    |         |
| 500.0                 | 500.0               | 500.0               | 500.0               | 1.0             | 1.0         | -180.00               | -40.1                             | 0.0        | 40.1                 | 38.0                  | 2.02                    | 19.808            |                    |         |
| 600.0                 | 600.0               | 600.0               | 600.0               | 1.2             | 1.2         | -180.00               | -40.1                             | 0.0        | 40.1                 | 37.6                  | 2.47                    | 16.207            |                    |         |
| 700.0                 | 700.0               | 700.0               | 700.0               | 1.5             | 1.5         | -180.00               | -40.1                             | 0.0        | 40.1                 | 37.1                  | 2.92                    | 13.713            |                    |         |
| 800.0                 | 800.0               | 800.0               | 800.0               | 1.7             | 1.7         | -180.00               | -40.1                             | 0.0        | 40.1                 | 36.7                  | 3.37                    | 11.885            |                    |         |
| 900.0                 | 900.0               | 900.0               | 900.0               | 1.9             | 1.9         | -180.00               | -40.1                             | 0.0        | 40.1                 | 36.2                  | 3.82                    | 10.487            |                    |         |
| 1,000.0               | 1,000.0             | 1,000.0             | 1,000.0             | 2.1             | 2.1         | -180.00               | -40.1                             | 0.0        | 40.1                 | 35.8                  | 4.27                    | 9.383             |                    |         |
| 1,100.0               | 1,100.0             | 1,100.0             | 1,100.0             | 2.4             | 2.4         | -180.00               | -40.1                             | 0.0        | 40.1                 | 35.3                  | 4.72                    | 8.489             |                    |         |
| 1,200.0               | 1,200.0             | 1,200.0             | 1,200.0             | 2.6             | 2.6         | -180.00               | -40.1                             | 0.0        | 40.1                 | 34.9                  | 5.17                    | 7.751 CC, ES      |                    |         |
| 1,300.0               | 1,300.0             | 1,298.7             | 1,298.7             | 2.8             | 2.8         | 179.05                | -41.6                             | 0.7        | 41.7                 | 36.1                  | 5.59                    | 7.451             |                    |         |
| 1,400.0               | 1,400.0             | 1,397.2             | 1,397.0             | 3.0             | 3.0         | 176.61                | -46.3                             | 2.7        | 46.5                 | 40.5                  | 5.99                    | 7.753             |                    |         |
| 1,500.0               | 1,500.0             | 1,495.2             | 1,494.6             | 3.3             | 3.1         | 173.51                | -54.0                             | 6.1        | 54.6                 | 48.2                  | 6.40                    | 8.526             |                    |         |
| 1,600.0               | 1,600.0             | 1,592.5             | 1,591.2             | 3.5             | 3.3         | 170.47                | -64.6                             | 10.9       | 66.1                 | 59.3                  | 6.82                    | 9.692             |                    |         |
| 1,700.0               | 1,700.0             | 1,689.1             | 1,686.8             | 3.7             | 3.6         | 2.21                  | -78.2                             | 16.8       | 79.3                 | 72.1                  | 7.20                    | 11.016            |                    |         |
| 1,800.0               | 1,799.8             | 1,785.4             | 1,781.3             | 3.9             | 3.8         | 0.04                  | -94.6                             | 24.1       | 92.5                 | 84.9                  | 7.56                    | 12.233            |                    |         |
| 1,900.0               | 1,899.5             | 1,881.2             | 1,874.8             | 4.0             | 4.2         | -1.87                 | -113.8                            | 32.6       | 105.6                | 97.7                  | 7.93                    | 13.322            |                    |         |
| 2,000.0               | 1,998.7             | 1,976.6             | 1,967.1             | 4.2             | 4.5         | -3.60                 | -135.7                            | 42.3       | 118.6                | 110.3                 | 8.30                    | 14.298            |                    |         |
| 2,100.0               | 2,097.5             | 2,071.5             | 2,058.1             | 4.5             | 4.9         | -5.21                 | -160.4                            | 53.2       | 131.6                | 122.9                 | 8.68                    | 15.169            |                    |         |
| 2,200.0               | 2,195.6             | 2,166.1             | 2,147.9             | 4.7             | 5.4         | -6.72                 | -187.6                            | 65.2       | 144.5                | 135.4                 | 9.06                    | 15.945            |                    |         |
| 2,300.0               | 2,293.1             | 2,260.2             | 2,236.2             | 5.0             | 5.9         | -8.17                 | -217.5                            | 78.4       | 157.3                | 147.9                 | 9.46                    | 16.628            |                    |         |
| 2,400.0               | 2,389.6             | 2,353.9             | 2,323.0             | 5.4             | 6.5         | -9.55                 | -249.8                            | 92.7       | 170.1                | 160.2                 | 9.88                    | 17.215            |                    |         |
| 2,500.0               | 2,485.3             | 2,447.3             | 2,408.2             | 5.8             | 7.2         | -10.90                | -284.5                            | 108.1      | 182.8                | 172.5                 | 10.32                   | 17.709            |                    |         |
| 2,600.0               | 2,579.8             | 2,540.2             | 2,491.9             | 6.3             | 7.9         | -12.21                | -321.6                            | 124.5      | 195.4                | 184.6                 | 10.79                   | 18.107            |                    |         |
| 2,700.0               | 2,673.2             | 2,632.8             | 2,573.8             | 6.8             | 8.7         | -13.49                | -361.0                            | 141.9      | 208.0                | 196.7                 | 11.30                   | 18.408            |                    |         |
| 2,800.0               | 2,765.2             | 2,730.1             | 2,658.8             | 7.4             | 9.6         | -14.83                | -404.3                            | 161.0      | 219.7                | 207.8                 | 11.87                   | 18.505            |                    |         |
| 2,900.0               | 2,855.8             | 2,829.5             | 2,745.6             | 8.1             | 10.5        | -16.31                | -448.6                            | 180.6      | 228.3                | 215.8                 | 12.51                   | 18.247            |                    |         |
| 3,000.0               | 2,944.9             | 2,929.1             | 2,832.6             | 8.9             | 11.4        | -17.95                | -493.0                            | 200.2      | 233.8                | 220.5                 | 13.23                   | 17.664            |                    |         |
| 3,100.0               | 3,032.4             | 3,028.8             | 2,919.6             | 9.7             | 12.3        | -19.81                | -537.5                            | 219.9      | 236.1                | 222.0                 | 14.06                   | 16.790            |                    |         |
| 3,171.0               | 3,093.4             | 3,099.5             | 2,981.4             | 10.3            | 13.0        | -21.31                | -569.0                            | 233.8      | 236.0                | 221.2                 | 14.74                   | 16.012            |                    |         |
| 3,200.0               | 3,118.2             | 3,128.4             | 3,006.6             | 10.6            | 13.3        | -21.95                | -581.9                            | 239.5      | 235.6                | 220.5                 | 15.07                   | 15.640            |                    |         |
| 3,300.0               | 3,203.5             | 3,228.0             | 3,093.5             | 11.5            | 14.2        | -24.18                | -626.3                            | 259.1      | 234.6                | 218.4                 | 16.27                   | 14.419            |                    |         |
| 3,400.0               | 3,288.9             | 3,327.5             | 3,180.5             | 12.5            | 15.2        | -26.42                | -670.7                            | 278.8      | 234.0                | 216.4                 | 17.60                   | 13.294            |                    |         |
| 3,500.0               | 3,374.2             | 3,427.1             | 3,267.4             | 13.4            | 16.2        | -28.67                | -715.1                            | 298.4      | 233.8                | 214.7                 | 19.06                   | 12.265            |                    |         |
| 3,518.2               | 3,389.7             | 3,445.2             | 3,283.2             | 13.6            | 16.3        | -29.08                | -723.2                            | 302.0      | 233.8                | 214.4                 | 19.34                   | 12.088            |                    |         |
| 3,600.0               | 3,459.5             | 3,526.7             | 3,354.3             | 14.4            | 17.1        | -30.92                | -759.5                            | 318.0      | 233.9                | 213.3                 | 20.64                   | 11.333            |                    |         |
| 3,700.0               | 3,544.9             | 3,626.3             | 3,441.3             | 15.4            | 18.1        | -33.16                | -803.9                            | 337.7      | 234.4                | 212.0                 | 22.33                   | 10.494            |                    |         |
| 3,800.0               | 3,630.2             | 3,725.8             | 3,528.2             | 16.4            | 19.1        | -35.40                | -848.3                            | 357.3      | 235.2                | 211.1                 | 24.14                   | 9.743             |                    |         |
| 3,900.0               | 3,715.5             | 3,825.4             | 3,615.1             | 17.4            | 20.0        | -37.61                | -892.7                            | 376.9      | 236.4                | 210.4                 | 26.06                   | 9.073             |                    |         |
| 4,000.0               | 3,800.9             | 3,925.0             | 3,702.1             | 18.4            | 21.0        | -39.80                | -937.1                            | 396.5      | 238.0                | 209.9                 | 28.06                   | 8.479             |                    |         |
| 4,100.0               | 3,886.2             | 4,024.6             | 3,789.0             | 19.4            | 22.0        | -41.96                | -981.5                            | 416.2      | 239.9                | 209.7                 | 30.16                   | 7.954             |                    |         |
| 4,200.0               | 3,971.6             | 4,124.1             | 3,876.0             | 20.4            | 23.0        | -44.08                | -1,025.9                          | 435.8      | 242.1                | 209.8                 | 32.33                   | 7.489             |                    |         |
| 4,300.0               | 4,056.9             | 4,223.7             | 3,962.9             | 21.4            | 24.0        | -46.16                | -1,070.3                          | 455.4      | 244.7                | 210.1                 | 34.56                   | 7.079             |                    |         |
| 4,400.0               | 4,142.2             | 4,323.3             | 4,049.8             | 22.4            | 25.0        | -48.19                | -1,114.7                          | 475.1      | 247.5                | 210.7                 | 36.85                   | 6.717             |                    |         |
| 4,500.0               | 4,227.6             | 4,422.9             | 4,136.8             | 23.5            | 25.9        | -50.18                | -1,159.1                          | 494.7      | 250.7                | 211.5                 | 39.19                   | 6.398             |                    |         |
| 4,600.0               | 4,312.9             | 4,522.4             | 4,223.7             | 24.5            | 26.9        | -52.11                | -1,203.5                          | 514.3      | 254.2                | 212.6                 | 41.56                   | 6.116             |                    |         |
| 4,700.0               | 4,398.2             | 4,622.0             | 4,310.7             | 25.5            | 27.9        | -53.99                | -1,247.9                          | 533.9      | 258.0                | 214.0                 | 43.96                   | 5.868             |                    |         |
| 4,800.0               | 4,483.6             | 4,721.6             | 4,397.6             | 26.5            | 28.9        | -55.81                | -1,292.3                          | 553.6      | 262.0                | 215.6                 | 46.39                   | 5.648             |                    |         |
| 4,900.0               | 4,568.9             | 4,821.2             | 4,484.5             | 27.6            | 29.9        | -57.58                | -1,336.7                          | 573.2      | 266.3                | 217.5                 | 48.83                   | 5.454             |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design          |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|
| Survey Program: 0-MWWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |
| Reference              |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                    | Warning |
| Measured Depth (ft)    | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  |         |
| 5,000.0                | 4,654.3             | 4,920.7             | 4,571.5             | 28.6            | 30.9        | -59.29                | -1,381.1                          | 592.8      | 270.8                | 219.5                 | 51.27                   | 5.282              |         |
| 5,100.0                | 4,739.6             | 5,020.3             | 4,658.4             | 29.6            | 31.9        | -60.94                | -1,425.5                          | 612.4      | 275.6                | 221.9                 | 53.73                   | 5.130              |         |
| 5,200.0                | 4,824.9             | 5,119.9             | 4,745.3             | 30.7            | 32.8        | -62.54                | -1,469.9                          | 632.1      | 280.6                | 224.4                 | 56.18                   | 4.995              |         |
| 5,300.0                | 4,910.3             | 5,219.4             | 4,832.3             | 31.7            | 33.8        | -64.08                | -1,514.3                          | 651.7      | 285.8                | 227.2                 | 58.63                   | 4.875              |         |
| 5,400.0                | 4,995.6             | 5,319.0             | 4,919.2             | 32.7            | 34.8        | -65.56                | -1,558.7                          | 671.3      | 291.2                | 230.1                 | 61.07                   | 4.768              |         |
| 5,500.0                | 5,080.9             | 5,418.6             | 5,006.2             | 33.7            | 35.8        | -66.99                | -1,603.1                          | 691.0      | 296.8                | 233.3                 | 63.50                   | 4.674              |         |
| 5,600.0                | 5,166.3             | 5,518.2             | 5,093.1             | 34.8            | 36.8        | -68.37                | -1,647.5                          | 710.6      | 302.6                | 236.6                 | 65.92                   | 4.590              |         |
| 5,700.0                | 5,251.6             | 5,617.7             | 5,180.0             | 35.8            | 37.8        | -69.69                | -1,691.9                          | 730.2      | 308.5                | 240.2                 | 68.33                   | 4.515              |         |
| 5,800.0                | 5,337.0             | 5,717.3             | 5,267.0             | 36.9            | 38.8        | -70.96                | -1,736.3                          | 749.8      | 314.6                | 243.9                 | 70.72                   | 4.449              |         |
| 5,900.0                | 5,422.3             | 5,816.9             | 5,353.9             | 37.9            | 39.8        | -72.18                | -1,780.7                          | 769.5      | 320.9                | 247.8                 | 73.10                   | 4.389              |         |
| 6,000.0                | 5,507.6             | 5,916.5             | 5,440.9             | 38.9            | 40.8        | -73.36                | -1,825.1                          | 789.1      | 327.2                | 251.8                 | 75.46                   | 4.337              |         |
| 6,100.0                | 5,593.0             | 6,016.0             | 5,527.8             | 40.0            | 41.8        | -74.49                | -1,869.5                          | 808.7      | 333.8                | 256.0                 | 77.81                   | 4.290              |         |
| 6,200.0                | 5,678.3             | 6,115.6             | 5,614.7             | 41.0            | 42.8        | -75.58                | -1,913.9                          | 828.3      | 340.4                | 260.3                 | 80.14                   | 4.248              |         |
| 6,300.0                | 5,763.6             | 6,215.2             | 5,701.7             | 42.0            | 43.8        | -76.63                | -1,958.3                          | 848.0      | 347.2                | 264.7                 | 82.45                   | 4.211              |         |
| 6,381.6                | 5,833.3             | 6,296.4             | 5,772.6             | 42.9            | 44.6        | -77.45                | -1,994.5                          | 864.0      | 352.8                | 268.4                 | 84.33                   | 4.183              |         |
| 6,400.0                | 5,849.1             | 6,314.8             | 5,788.6             | 43.0            | 44.7        | -76.98                | -2,002.7                          | 867.6      | 354.0                | 269.3                 | 84.75                   | 4.178              |         |
| 6,450.0                | 5,893.2             | 6,364.7             | 5,832.2             | 43.4            | 45.2        | -74.91                | -2,024.9                          | 877.4      | 357.3                | 271.6                 | 85.66                   | 4.171              |         |
| 6,500.0                | 5,938.7             | 6,414.4             | 5,875.6             | 43.7            | 45.7        | -71.43                | -2,047.1                          | 887.2      | 360.3                | 274.0                 | 86.32                   | 4.174              |         |
| 6,550.0                | 5,985.5             | 6,462.5             | 5,918.0             | 44.0            | 46.1        | -66.28                | -2,067.9                          | 896.8      | 363.2                | 276.5                 | 86.71                   | 4.189              |         |
| 6,600.0                | 6,033.3             | 6,510.3             | 5,961.2             | 44.2            | 46.5        | -59.01                | -2,085.7                          | 906.5      | 366.2                | 279.3                 | 86.93                   | 4.213              |         |
| 6,650.0                | 6,081.9             | 6,558.5             | 6,005.9             | 44.4            | 46.7        | -48.11                | -2,100.7                          | 916.6      | 369.5                | 282.4                 | 87.06                   | 4.244              |         |
| 6,700.0                | 6,131.0             | 6,607.1             | 6,051.8             | 44.5            | 47.0        | -31.14                | -2,112.6                          | 926.9      | 372.8                | 285.7                 | 87.09                   | 4.281              |         |
| 6,750.0                | 6,180.3             | 6,656.0             | 6,098.8             | 44.6            | 47.2        | -6.55                 | -2,121.4                          | 937.4      | 376.3                | 289.3                 | 87.03                   | 4.324              |         |
| 6,800.0                | 6,229.8             | 6,705.4             | 6,146.7             | 44.6            | 47.3        | 20.23                 | -2,126.9                          | 948.2      | 380.0                | 293.1                 | 86.88                   | 4.373              |         |
| 6,850.0                | 6,279.0             | 6,755.3             | 6,195.3             | 44.6            | 47.5        | 40.70                 | -2,129.0                          | 959.0      | 383.7                | 297.0                 | 86.65                   | 4.428              |         |
| 6,900.0                | 6,327.9             | 6,805.6             | 6,244.4             | 44.6            | 47.5        | 53.96                 | -2,127.6                          | 970.0      | 387.5                | 301.1                 | 86.34                   | 4.488              |         |
| 6,950.0                | 6,376.0             | 6,856.5             | 6,293.8             | 44.5            | 47.5        | 62.57                 | -2,122.6                          | 981.0      | 391.3                | 305.4                 | 85.95                   | 4.553              |         |
| 7,000.0                | 6,423.3             | 6,907.8             | 6,343.1             | 44.3            | 47.5        | 68.47                 | -2,113.9                          | 992.0      | 395.2                | 309.7                 | 85.50                   | 4.622              |         |
| 7,050.0                | 6,469.4             | 6,959.6             | 6,392.2             | 44.1            | 47.5        | 72.75                 | -2,101.5                          | 1,002.9    | 399.1                | 314.1                 | 84.99                   | 4.696              |         |
| 7,100.0                | 6,514.2             | 7,011.9             | 6,440.8             | 43.9            | 47.3        | 76.00                 | -2,085.3                          | 1,013.7    | 403.0                | 318.6                 | 84.41                   | 4.774              |         |
| 7,150.0                | 6,557.4             | 7,064.7             | 6,488.5             | 43.7            | 47.2        | 78.56                 | -2,065.3                          | 1,024.3    | 406.8                | 323.0                 | 83.80                   | 4.855              |         |
| 7,200.0                | 6,598.8             | 7,118.1             | 6,535.1             | 43.4            | 47.0        | 80.64                 | -2,041.5                          | 1,034.6    | 410.6                | 327.4                 | 83.13                   | 4.939              |         |
| 7,250.0                | 6,638.3             | 7,171.9             | 6,580.3             | 43.1            | 46.7        | 82.36                 | -2,014.0                          | 1,044.5    | 414.2                | 331.8                 | 82.44                   | 5.024              |         |
| 7,300.0                | 6,675.6             | 7,226.3             | 6,623.7             | 42.7            | 46.5        | 83.80                 | -1,982.8                          | 1,054.1    | 417.7                | 336.0                 | 81.72                   | 5.112              |         |
| 7,350.0                | 6,710.5             | 7,281.1             | 6,665.1             | 42.3            | 46.1        | 85.02                 | -1,947.9                          | 1,063.2    | 421.1                | 340.1                 | 80.98                   | 5.200              |         |
| 7,400.0                | 6,742.8             | 7,336.4             | 6,704.0             | 42.0            | 45.8        | 86.05                 | -1,909.6                          | 1,071.7    | 424.2                | 344.0                 | 80.23                   | 5.288              |         |
| 7,450.0                | 6,772.5             | 7,392.1             | 6,740.2             | 41.5            | 45.4        | 86.94                 | -1,868.0                          | 1,079.6    | 427.1                | 347.7                 | 79.47                   | 5.375              |         |
| 7,500.0                | 6,799.4             | 7,448.2             | 6,773.4             | 41.1            | 45.0        | 87.68                 | -1,823.3                          | 1,086.8    | 429.8                | 351.1                 | 78.72                   | 5.460              |         |
| 7,550.0                | 6,823.3             | 7,504.7             | 6,803.2             | 40.7            | 44.6        | 88.31                 | -1,775.8                          | 1,093.2    | 432.2                | 354.2                 | 77.99                   | 5.542              |         |
| 7,600.0                | 6,844.1             | 7,561.6             | 6,829.4             | 40.3            | 44.1        | 88.83                 | -1,725.7                          | 1,098.9    | 434.3                | 357.0                 | 77.27                   | 5.621              |         |
| 7,650.0                | 6,861.8             | 7,618.7             | 6,851.8             | 39.8            | 43.7        | 89.25                 | -1,673.4                          | 1,103.6    | 436.1                | 359.5                 | 76.58                   | 5.695              |         |
| 7,700.0                | 6,876.2             | 7,676.0             | 6,870.1             | 39.4            | 43.2        | 89.57                 | -1,619.2                          | 1,107.5    | 437.6                | 361.7                 | 75.91                   | 5.764              |         |
| 7,750.0                | 6,887.2             | 7,733.5             | 6,884.2             | 39.0            | 42.8        | 89.80                 | -1,563.6                          | 1,110.4    | 438.7                | 363.4                 | 75.29                   | 5.827              |         |
| 7,800.0                | 6,894.9             | 7,791.2             | 6,893.9             | 38.5            | 42.3        | 89.95                 | -1,506.8                          | 1,112.3    | 439.4                | 364.7                 | 74.70                   | 5.883              |         |
| 7,850.0                | 6,899.1             | 7,848.9             | 6,899.1             | 38.1            | 41.9        | 90.01                 | -1,449.3                          | 1,113.2    | 439.8                | 365.7                 | 74.16                   | 5.931              |         |
| 7,886.3                | 6,900.0             | 7,890.3             | 6,900.0             | 37.9            | 41.6        | 90.00                 | -1,408.0                          | 1,113.2    | 439.9                | 366.1                 | 73.79                   | 5.961              |         |
| 7,900.0                | 6,900.0             | 7,903.9             | 6,900.0             | 37.7            | 41.5        | 90.00                 | -1,394.3                          | 1,113.1    | 439.9                | 366.3                 | 73.60                   | 5.977              |         |
| 8,000.0                | 6,900.0             | 8,003.9             | 6,900.0             | 37.0            | 40.7        | 90.00                 | -1,294.3                          | 1,112.7    | 439.9                | 367.7                 | 72.21                   | 6.092              |         |
| 8,100.0                | 6,900.0             | 8,103.9             | 6,900.0             | 36.3            | 40.0        | 90.00                 | -1,194.3                          | 1,112.2    | 440.0                | 368.9                 | 71.01                   | 6.195              |         |
| 8,200.0                | 6,900.0             | 8,203.9             | 6,900.0             | 35.7            | 39.4        | 90.00                 | -1,094.3                          | 1,111.7    | 440.0                | 370.0                 | 70.00                   | 6.285              |         |
| 8,300.0                | 6,900.0             | 8,303.9             | 6,900.0             | 35.1            | 38.8        | 90.00                 | -994.3                            | 1,111.3    | 440.0                | 370.8                 | 69.19                   | 6.359              |         |
| 8,400.0                | 6,900.0             | 8,403.9             | 6,900.0             | 34.7            | 38.3        | 90.00                 | -894.3                            | 1,110.8    | 440.0                | 371.5                 | 68.58                   | 6.416              |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista A-2NHZ - Wellbore #1 - Plan #1 (11-07-14) |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0 ft  |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0 ft  |
| Reference  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 8,500.0  | 6,900.0             | 8,503.9             | 6,900.0             | 34.4            | 37.8        | 90.00                 | -794.3                            | 1,110.4    | 440.1                | 371.9                 | 68.19                   | 6.453             |                    |         |
| 8,600.0  | 6,900.0             | 8,603.9             | 6,900.0             | 34.1            | 37.4        | 90.00                 | -694.3                            | 1,109.9    | 440.1                | 372.1                 | 68.01                   | 6.471             |                    |         |
| 8,700.0  | 6,900.0             | 8,703.9             | 6,900.0             | 34.0            | 37.1        | 90.00                 | -594.3                            | 1,109.5    | 440.1                | 372.1                 | 68.05                   | 6.468             |                    |         |
| 8,800.0  | 6,900.0             | 8,803.9             | 6,900.0             | 34.0            | 36.9        | 90.00                 | -494.3                            | 1,109.0    | 440.2                | 371.9                 | 68.31                   | 6.444             |                    |         |
| 8,900.0  | 6,900.0             | 8,903.9             | 6,900.0             | 34.1            | 36.8        | 90.00                 | -394.3                            | 1,108.5    | 440.2                | 371.4                 | 68.78                   | 6.400             |                    |         |
| 9,000.0  | 6,900.0             | 9,003.9             | 6,900.0             | 34.3            | 36.8        | 90.00                 | -294.3                            | 1,108.1    | 440.2                | 370.8                 | 69.46                   | 6.338             |                    |         |
| 9,100.0  | 6,900.0             | 9,103.9             | 6,900.0             | 34.6            | 36.9        | 90.00                 | -194.3                            | 1,107.6    | 440.3                | 369.9                 | 70.34                   | 6.259             |                    |         |
| 9,200.0  | 6,900.0             | 9,203.9             | 6,900.0             | 35.1            | 37.2        | 90.00                 | -94.3                             | 1,107.2    | 440.3                | 368.9                 | 71.42                   | 6.165             |                    |         |
| 9,300.0  | 6,900.0             | 9,303.9             | 6,900.0             | 35.7            | 37.6        | 90.00                 | 5.7                               | 1,106.7    | 440.3                | 367.6                 | 72.69                   | 6.058             |                    |         |
| 9,400.0  | 6,900.0             | 9,403.9             | 6,900.0             | 36.4            | 38.1        | 90.00                 | 105.7                             | 1,106.2    | 440.3                | 366.2                 | 74.13                   | 5.940             |                    |         |
| 9,500.0  | 6,900.0             | 9,503.9             | 6,900.0             | 37.1            | 38.8        | 90.00                 | 205.7                             | 1,105.8    | 440.4                | 364.6                 | 75.74                   | 5.814             |                    |         |
| 9,600.0  | 6,900.0             | 9,603.9             | 6,900.0             | 38.0            | 39.6        | 90.00                 | 305.7                             | 1,105.3    | 440.4                | 362.9                 | 77.51                   | 5.682             |                    |         |
| 9,700.0  | 6,900.0             | 9,703.9             | 6,900.0             | 39.0            | 40.5        | 90.00                 | 405.7                             | 1,104.9    | 440.4                | 361.0                 | 79.43                   | 5.545             |                    |         |
| 9,762.0  | 6,900.0             | 9,765.9             | 6,900.0             | 39.6            | 41.1        | 90.00                 | 467.7                             | 1,104.6    | 440.5                | 359.8                 | 80.69                   | 5.459             |                    |         |
| 9,800.0  | 6,900.0             | 9,814.4             | 6,900.0             | 39.9            | 41.5        | 90.00                 | 516.1                             | 1,103.8    | 440.4                | 359.0                 | 81.40                   | 5.410             |                    |         |
| 9,900.0  | 6,900.0             | 9,944.3             | 6,900.0             | 40.7            | 42.6        | 90.00                 | 645.8                             | 1,095.7    | 439.3                | 356.3                 | 82.94                   | 5.296             |                    |         |
| 9,951.5  | 6,900.0             | 9,999.2             | 6,900.0             | 41.1            | 43.1        | 90.00                 | 700.4                             | 1,090.1    | 438.6                | 354.9                 | 83.69                   | 5.241             |                    |         |
| 9,952.6  | 6,900.0             | 10,000.3            | 6,900.0             | 41.1            | 43.2        | 90.00                 | 701.5                             | 1,090.0    | 438.6                | 354.9                 | 83.71                   | 5.240             |                    |         |
| 10,000.0   | 6,900.0             | 10,047.7            | 6,900.0             | 41.6            | 43.8        | 90.00                 | 748.6                             | 1,085.0    | 438.7                | 353.9                 | 84.77                   | 5.175             |                    |         |
| 10,100.0   | 6,900.0             | 10,147.7            | 6,900.0             | 42.9            | 45.1        | 90.00                 | 848.1                             | 1,074.6    | 438.7                | 351.5                 | 87.25                   | 5.028             |                    |         |
| 10,200.0   | 6,900.0             | 10,247.7            | 6,900.0             | 44.2            | 46.4        | 90.00                 | 947.5                             | 1,064.2    | 438.8                | 348.9                 | 89.84                   | 4.884             |                    |         |
| 10,300.0   | 6,900.0             | 10,347.7            | 6,900.0             | 45.6            | 47.8        | 90.00                 | 1,047.0                           | 1,053.8    | 438.8                | 346.3                 | 92.53                   | 4.743             |                    |         |
| 10,400.0   | 6,900.0             | 10,447.7            | 6,900.0             | 47.0            | 49.3        | 90.00                 | 1,146.4                           | 1,043.4    | 438.9                | 343.6                 | 95.30                   | 4.605             |                    |         |
| 10,500.0   | 6,900.0             | 10,547.7            | 6,900.0             | 48.5            | 50.8        | 90.00                 | 1,245.9                           | 1,033.1    | 438.9                | 340.8                 | 98.15                   | 4.472             |                    |         |
| 10,600.0   | 6,900.0             | 10,647.7            | 6,900.0             | 50.0            | 52.3        | 90.00                 | 1,345.4                           | 1,022.7    | 439.0                | 337.9                 | 101.07                  | 4.343             |                    |         |
| 10,700.0   | 6,900.0             | 10,747.7            | 6,900.0             | 51.5            | 53.8        | 90.00                 | 1,444.8                           | 1,012.3    | 439.0                | 335.0                 | 104.07                  | 4.219             |                    |         |
| 10,800.0   | 6,900.0             | 10,847.7            | 6,900.0             | 53.0            | 55.3        | 90.00                 | 1,544.3                           | 1,001.9    | 439.1                | 332.0                 | 107.12                  | 4.099             |                    |         |
| 10,900.0   | 6,900.0             | 10,947.7            | 6,900.0             | 54.6            | 56.9        | 90.00                 | 1,643.7                           | 991.5      | 439.2                | 328.9                 | 110.23                  | 3.984             |                    |         |
| 11,000.0   | 6,900.0             | 11,047.7            | 6,900.0             | 56.2            | 58.5        | 90.00                 | 1,743.2                           | 981.1      | 439.2                | 325.8                 | 113.39                  | 3.874             |                    |         |
| 11,100.0   | 6,900.0             | 11,147.7            | 6,900.0             | 57.8            | 60.1        | 90.00                 | 1,842.7                           | 970.7      | 439.3                | 322.7                 | 116.59                  | 3.768             |                    |         |
| 11,200.0   | 6,900.0             | 11,247.7            | 6,900.0             | 59.5            | 61.8        | 90.00                 | 1,942.1                           | 960.3      | 439.3                | 319.5                 | 119.84                  | 3.666             |                    |         |
| 11,300.0   | 6,900.0             | 11,347.7            | 6,900.0             | 61.1            | 63.4        | 90.00                 | 2,041.6                           | 949.9      | 439.4                | 316.2                 | 123.13                  | 3.568             |                    |         |
| 11,400.0   | 6,900.0             | 11,447.7            | 6,900.0             | 62.8            | 65.1        | 90.00                 | 2,141.0                           | 939.5      | 439.4                | 313.0                 | 126.46                  | 3.475             |                    |         |
| 11,500.0   | 6,900.0             | 11,547.7            | 6,900.0             | 64.5            | 66.8        | 90.00                 | 2,240.5                           | 929.1      | 439.5                | 309.7                 | 129.82                  | 3.385             |                    |         |
| 11,556.4   | 6,900.0             | 11,604.1            | 6,900.0             | 65.5            | 67.8        | 90.00                 | 2,296.6                           | 923.2      | 439.5                | 307.8                 | 131.73                  | 3.336             |                    |         |
| 11,600.0   | 6,900.0             | 11,639.7            | 6,900.0             | 66.2            | 68.4        | 90.00                 | 2,332.0                           | 919.6      | 439.6                | 306.5                 | 133.08                  | 3.303 SF          |                    |         |
| 11,639.0   | 6,900.0             | 11,639.7            | 6,900.0             | 66.9            | 68.4        | 90.00                 | 2,332.0                           | 919.6      | 442.1                | 308.3                 | 133.75                  | 3.305             |                    |         |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14) |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0 ft  |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0 ft  |
| Reference  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 0.0  | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | 179.89                | -140.3                            | 0.3        | 140.3                |                       |                         |                   |                    |         |
| 100.0  | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | 179.89                | -140.3                            | 0.3        | 140.3                | 140.0                 | 0.22                    | 624.022           |                    |         |
| 200.0  | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | 179.89                | -140.3                            | 0.3        | 140.3                | 139.6                 | 0.67                    | 208.007           | CC, ES             |         |
| 300.0  | 300.0               | 296.6               | 296.6               | 0.6             | 0.5         | 179.43                | -141.4                            | 1.4        | 141.5                | 140.4                 | 1.10                    | 128.820           |                    |         |
| 400.0  | 400.0               | 392.9               | 392.8               | 0.8             | 0.7         | 178.09                | -144.9                            | 4.8        | 145.2                | 143.6                 | 1.53                    | 94.990            |                    |         |
| 500.0  | 500.0               | 488.9               | 488.4               | 1.0             | 1.0         | 176.03                | -150.6                            | 10.5       | 151.5                | 149.5                 | 1.98                    | 76.437            |                    |         |
| 600.0  | 600.0               | 584.1               | 583.0               | 1.2             | 1.2         | 173.42                | -158.6                            | 18.3       | 160.6                | 158.1                 | 2.46                    | 65.313            |                    |         |
| 700.0  | 700.0               | 678.6               | 676.4               | 1.5             | 1.6         | 170.51                | -168.7                            | 28.2       | 172.7                | 169.7                 | 2.96                    | 58.413            |                    |         |
| 800.0  | 800.0               | 772.0               | 768.2               | 1.7             | 1.9         | 167.49                | -180.9                            | 40.1       | 188.0                | 184.5                 | 3.47                    | 54.143            |                    |         |
| 900.0  | 900.0               | 864.2               | 858.2               | 1.9             | 2.3         | 164.54                | -195.0                            | 53.9       | 206.6                | 202.6                 | 4.00                    | 51.622            |                    |         |
| 1,000.0  | 1,000.0             | 955.0               | 946.2               | 2.1             | 2.8         | 161.75                | -210.9                            | 69.5       | 228.5                | 223.9                 | 4.54                    | 50.314            |                    |         |
| 1,100.0  | 1,100.0             | 1,044.2             | 1,032.1             | 2.4             | 3.2         | 159.21                | -228.4                            | 86.7       | 253.6                | 248.5                 | 5.09                    | 49.867            |                    |         |
| 1,200.0  | 1,200.0             | 1,131.8             | 1,115.5             | 2.6             | 3.8         | 156.92                | -247.5                            | 105.5      | 282.0                | 276.4                 | 5.64                    | 50.043            |                    |         |
| 1,300.0  | 1,300.0             | 1,217.7             | 1,196.4             | 2.8             | 4.4         | 154.90                | -268.0                            | 125.5      | 313.5                | 307.3                 | 6.19                    | 50.676            |                    |         |
| 1,400.0  | 1,400.0             | 1,300.0             | 1,273.2             | 3.0             | 4.9         | 153.16                | -289.2                            | 146.3      | 348.0                | 341.3                 | 6.73                    | 51.701            |                    |         |
| 1,500.0  | 1,500.0             | 1,383.7             | 1,350.3             | 3.3             | 5.6         | 151.58                | -312.4                            | 169.1      | 385.5                | 378.2                 | 7.30                    | 52.826            |                    |         |
| 1,600.0  | 1,600.0             | 1,463.7             | 1,423.1             | 3.5             | 6.3         | 150.22                | -336.1                            | 192.3      | 425.7                | 417.8                 | 7.85                    | 54.193            |                    |         |
| 1,700.0  | 1,700.0             | 1,544.8             | 1,496.0             | 3.7             | 7.0         | -16.47                | -361.5                            | 217.2      | 467.0                | 459.2                 | 7.80                    | 59.846            |                    |         |
| 1,800.0  | 1,799.8             | 1,636.2             | 1,577.7             | 3.9             | 7.8         | -17.57                | -390.6                            | 245.8      | 506.2                | 497.9                 | 8.28                    | 61.165            |                    |         |
| 1,900.0  | 1,899.5             | 1,728.7             | 1,660.5             | 4.0             | 8.7         | -18.60                | -420.1                            | 274.7      | 542.6                | 533.8                 | 8.76                    | 61.968            |                    |         |
| 2,000.0  | 1,998.7             | 1,822.2             | 1,744.2             | 4.2             | 9.6         | -19.61                | -449.9                            | 303.9      | 576.1                | 566.9                 | 9.24                    | 62.320            |                    |         |
| 2,100.0  | 2,097.5             | 1,916.6             | 1,828.6             | 4.5             | 10.5        | -20.61                | -480.0                            | 333.5      | 606.7                | 597.0                 | 9.74                    | 62.285            |                    |         |
| 2,200.0  | 2,195.6             | 2,011.8             | 1,913.8             | 4.7             | 11.4        | -21.63                | -510.4                            | 363.2      | 634.5                | 624.3                 | 10.25                   | 61.908            |                    |         |
| 2,300.0  | 2,293.1             | 2,107.7             | 1,999.6             | 5.0             | 12.3        | -22.67                | -541.0                            | 393.2      | 659.4                | 648.7                 | 10.77                   | 61.218            |                    |         |
| 2,400.0  | 2,389.6             | 2,204.1             | 2,085.9             | 5.4             | 13.2        | -23.76                | -571.7                            | 423.3      | 681.5                | 670.2                 | 11.31                   | 60.235            |                    |         |
| 2,500.0  | 2,485.3             | 2,300.9             | 2,172.5             | 5.8             | 14.1        | -24.91                | -602.6                            | 453.6      | 700.8                | 689.0                 | 11.89                   | 58.966            |                    |         |
| 2,600.0  | 2,579.8             | 2,398.1             | 2,259.5             | 6.3             | 15.0        | -26.12                | -633.6                            | 484.0      | 717.4                | 704.9                 | 12.49                   | 57.417            |                    |         |
| 2,700.0  | 2,673.2             | 2,495.5             | 2,346.6             | 6.8             | 15.9        | -27.41                | -664.6                            | 514.5      | 731.3                | 718.1                 | 13.16                   | 55.590            |                    |         |
| 2,800.0  | 2,765.2             | 2,592.9             | 2,433.8             | 7.4             | 16.9        | -28.79                | -695.7                            | 544.9      | 742.6                | 728.7                 | 13.88                   | 53.489            |                    |         |
| 2,900.0  | 2,855.8             | 2,690.3             | 2,520.9             | 8.1             | 17.8        | -30.27                | -726.8                            | 575.4      | 751.4                | 736.7                 | 14.70                   | 51.126            |                    |         |
| 3,000.0  | 2,944.9             | 2,787.6             | 2,608.0             | 8.9             | 18.7        | -31.86                | -757.8                            | 605.8      | 757.8                | 742.2                 | 15.62                   | 48.522            |                    |         |
| 3,100.0  | 3,032.4             | 2,884.6             | 2,694.7             | 9.7             | 19.6        | -33.57                | -788.7                            | 636.1      | 762.0                | 745.3                 | 16.67                   | 45.711            |                    |         |
| 3,171.0  | 3,093.4             | 2,953.2             | 2,756.1             | 10.3            | 20.3        | -34.87                | -810.6                            | 657.6      | 763.7                | 746.1                 | 17.51                   | 43.615            |                    |         |
| 3,200.0  | 3,118.2             | 2,981.2             | 2,781.2             | 10.6            | 20.6        | -35.42                | -819.5                            | 666.3      | 764.2                | 746.3                 | 17.88                   | 42.738            |                    |         |
| 3,300.0  | 3,203.5             | 3,077.7             | 2,867.5             | 11.5            | 21.5        | -37.31                | -850.3                            | 696.5      | 766.5                | 747.3                 | 19.23                   | 39.866            |                    |         |
| 3,400.0  | 3,288.9             | 3,174.2             | 2,953.8             | 12.5            | 22.4        | -39.18                | -881.1                            | 726.7      | 769.8                | 749.1                 | 20.68                   | 37.232            |                    |         |
| 3,500.0  | 3,374.2             | 3,270.7             | 3,040.2             | 13.4            | 23.3        | -41.04                | -911.8                            | 756.8      | 773.9                | 751.7                 | 22.22                   | 34.830            |                    |         |
| 3,600.0  | 3,459.5             | 3,367.2             | 3,126.5             | 14.4            | 24.2        | -42.88                | -942.6                            | 787.0      | 778.9                | 755.0                 | 23.85                   | 32.653            |                    |         |
| 3,700.0  | 3,544.9             | 3,463.7             | 3,212.8             | 15.4            | 25.2        | -44.70                | -973.4                            | 817.2      | 784.7                | 759.1                 | 25.57                   | 30.687            |                    |         |
| 3,800.0  | 3,630.2             | 3,560.2             | 3,299.2             | 16.4            | 26.1        | -46.49                | -1,004.2                          | 847.3      | 791.4                | 764.0                 | 27.37                   | 28.916            |                    |         |
| 3,900.0  | 3,715.5             | 3,656.6             | 3,385.5             | 17.4            | 27.0        | -48.25                | -1,034.9                          | 877.5      | 798.8                | 769.6                 | 29.23                   | 27.326            |                    |         |
| 4,000.0  | 3,800.9             | 3,753.1             | 3,471.9             | 18.4            | 27.9        | -49.98                | -1,065.7                          | 907.7      | 807.1                | 775.9                 | 31.16                   | 25.898            |                    |         |
| 4,100.0  | 3,886.2             | 3,849.6             | 3,558.2             | 19.4            | 28.9        | -51.67                | -1,096.5                          | 937.9      | 816.1                | 782.9                 | 33.15                   | 24.618            |                    |         |
| 4,200.0  | 3,971.6             | 3,946.1             | 3,644.5             | 20.4            | 29.8        | -53.33                | -1,127.2                          | 968.0      | 825.8                | 790.6                 | 35.19                   | 23.470            |                    |         |
| 4,300.0  | 4,056.9             | 4,042.6             | 3,730.9             | 21.4            | 30.7        | -54.95                | -1,158.0                          | 998.2      | 836.3                | 799.0                 | 37.27                   | 22.441            |                    |         |
| 4,400.0  | 4,142.2             | 4,139.1             | 3,817.2             | 22.4            | 31.6        | -56.53                | -1,188.8                          | 1,028.4    | 847.4                | 808.0                 | 39.38                   | 21.517            |                    |         |
| 4,500.0  | 4,227.6             | 4,235.6             | 3,903.5             | 23.5            | 32.5        | -58.07                | -1,219.5                          | 1,058.5    | 859.2                | 817.7                 | 41.53                   | 20.687            |                    |         |
| 4,600.0  | 4,312.9             | 4,332.1             | 3,989.9             | 24.5            | 33.5        | -59.57                | -1,250.3                          | 1,088.7    | 871.7                | 827.9                 | 43.71                   | 19.942            |                    |         |
| 4,700.0  | 4,398.2             | 4,428.6             | 4,076.2             | 25.5            | 34.4        | -61.03                | -1,281.1                          | 1,118.9    | 884.7                | 838.8                 | 45.91                   | 19.271            |                    |         |
| 4,800.0  | 4,483.6             | 4,525.1             | 4,162.5             | 26.5            | 35.3        | -62.44                | -1,311.9                          | 1,149.1    | 898.3                | 850.2                 | 48.12                   | 18.666            |                    |         |
| 4,900.0  | 4,568.9             | 4,621.6             | 4,248.9             | 27.6            | 36.2        | -63.82                | -1,342.6                          | 1,179.2    | 912.5                | 862.1                 | 50.35                   | 18.121            |                    |         |
| 5,000.0  | 4,654.3             | 4,718.1             | 4,335.2             | 28.6            | 37.2        | -65.16                | -1,373.4                          | 1,209.4    | 927.2                | 874.6                 | 52.59                   | 17.629            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

| <b>Offset Design</b> SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14) |                     |                     |                     |                |             |                       |                                   |            |                      |                       |                         | <b>Offset Site Error:</b> | 0.0 ft  |
|---|---------------------|---------------------|---------------------|----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|---------------------------|---------|
| Survey Program: 0-MWD   |                     |                     |                     |                |             |                       |                                   |            |                      |                       |                         | <b>Offset Well Error:</b> | 0.0 ft  |
| Reference   | Offset              | Semi Major Axis     |                     | Distance       |             |                       |                                   |            |                      |                       |                         |                           |         |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor         | Warning |
| 5,100.0   | 4,739.6             | 4,814.6             | 4,421.6             | 29.6           | 38.1        | -66.45                | -1,404.2                          | 1,239.6    | 942.4                | 887.5                 | 54.84                   | 17.184                    |         |
| 5,200.0   | 4,824.9             | 4,911.1             | 4,507.9             | 30.7           | 39.0        | -67.71                | -1,434.9                          | 1,269.7    | 958.0                | 900.9                 | 57.09                   | 16.781                    |         |
| 5,300.0   | 4,910.3             | 5,007.6             | 4,594.2             | 31.7           | 39.9        | -68.93                | -1,465.7                          | 1,299.9    | 974.1                | 914.8                 | 59.34                   | 16.416                    |         |
| 5,400.0   | 4,995.6             | 5,104.1             | 4,680.6             | 32.7           | 40.8        | -70.10                | -1,496.5                          | 1,330.1    | 990.7                | 929.1                 | 61.59                   | 16.085 SF                 |         |

| SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14) |                     |                     |                     |                 |             |                       |                                  |            |                      |                       |                         | Offset Site Error: | 0.0 ft  |  |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|----------------------------------|------------|----------------------|-----------------------|-------------------------|--------------------|---------|--|
| Survey Program: 0-MWD  |                     |                     |                     |                 |             |                       |                                  |            |                      |                       |                         | Offset Well Error: | 0.0 ft  |  |
| Reference  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                         |            |                      |                       |                         |                    | Warning |  |
| Measured Depth (ft)  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor  |         |  |
| 0.0  | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | -180.00               | -120.2                           | 0.0        | 120.2                |                       |                         |                    |         |  |
| 100.0  | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | -180.00               | -120.2                           | 0.0        | 120.2                | 120.0                 | 0.22                    | 534.875            |         |  |
| 200.0  | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | -180.00               | -120.2                           | 0.0        | 120.2                | 119.5                 | 0.67                    | 178.292            |         |  |
| 300.0  | 300.0               | 300.0               | 300.0               | 0.6             | 0.6         | -180.00               | -120.2                           | 0.0        | 120.2                | 119.1                 | 1.12                    | 106.975            |         |  |
| 400.0  | 400.0               | 400.0               | 400.0               | 0.8             | 0.8         | -180.00               | -120.2                           | 0.0        | 120.2                | 118.6                 | 1.57                    | 76.411 CC, ES      |         |  |
| 500.0  | 500.0               | 496.9               | 496.9               | 1.0             | 1.0         | 179.50                | -121.5                           | 1.1        | 121.5                | 119.5                 | 1.99                    | 60.920             |         |  |
| 600.0  | 600.0               | 593.5               | 593.4               | 1.2             | 1.2         | 178.05                | -125.2                           | 4.3        | 125.4                | 123.0                 | 2.41                    | 52.013             |         |  |
| 700.0  | 700.0               | 689.8               | 689.3               | 1.5             | 1.4         | 175.84                | -131.3                           | 9.5        | 132.1                | 129.3                 | 2.85                    | 46.392             |         |  |
| 800.0  | 800.0               | 785.3               | 784.2               | 1.7             | 1.6         | 173.12                | -139.8                           | 16.9       | 141.7                | 138.4                 | 3.30                    | 42.892             |         |  |
| 900.0  | 900.0               | 880.0               | 877.8               | 1.9             | 1.9         | 170.15                | -150.7                           | 26.2       | 154.5                | 150.7                 | 3.78                    | 40.867             |         |  |
| 1,000.0  | 1,000.0             | 973.7               | 969.9               | 2.1             | 2.3         | 167.15                | -163.6                           | 37.3       | 170.5                | 166.3                 | 4.27                    | 39.906             |         |  |
| 1,100.0  | 1,100.0             | 1,066.1             | 1,060.2             | 2.4             | 2.6         | 164.29                | -178.7                           | 50.3       | 189.9                | 185.1                 | 4.78                    | 39.732             |         |  |
| 1,200.0  | 1,200.0             | 1,157.2             | 1,148.4             | 2.6             | 3.1         | 161.67                | -195.7                           | 64.8       | 212.5                | 207.2                 | 5.29                    | 40.144             |         |  |
| 1,300.0  | 1,300.0             | 1,246.7             | 1,234.4             | 2.8             | 3.5         | 159.32                | -214.4                           | 81.0       | 238.4                | 232.6                 | 5.82                    | 40.996             |         |  |
| 1,400.0  | 1,400.0             | 1,334.5             | 1,318.0             | 3.0             | 4.0         | 157.25                | -234.8                           | 98.5       | 267.5                | 261.1                 | 6.34                    | 42.176             |         |  |
| 1,500.0  | 1,500.0             | 1,420.6             | 1,399.1             | 3.3             | 4.6         | 155.45                | -256.6                           | 117.2      | 299.6                | 292.8                 | 6.87                    | 43.601             |         |  |
| 1,600.0  | 1,600.0             | 1,500.0             | 1,473.2             | 3.5             | 5.2         | 153.97                | -278.4                           | 136.0      | 334.8                | 327.4                 | 7.39                    | 45.327             |         |  |
| 1,700.0  | 1,700.0             | 1,587.5             | 1,553.8             | 3.7             | 5.8         | -13.02                | -304.2                           | 158.1      | 371.2                | 363.6                 | 7.53                    | 49.310             |         |  |
| 1,800.0  | 1,799.8             | 1,669.4             | 1,628.2             | 3.9             | 6.5         | -14.17                | -330.0                           | 180.3      | 407.2                | 399.3                 | 7.96                    | 51.179             |         |  |
| 1,900.0  | 1,899.5             | 1,750.4             | 1,700.9             | 4.0             | 7.2         | -15.25                | -357.2                           | 203.6      | 443.0                | 434.6                 | 8.39                    | 52.787             |         |  |
| 2,000.0  | 1,998.7             | 1,836.4             | 1,777.1             | 4.2             | 8.0         | -16.36                | -387.4                           | 229.6      | 478.2                | 469.3                 | 8.85                    | 54.019             |         |  |
| 2,100.0  | 2,097.5             | 1,930.2             | 1,860.0             | 4.5             | 8.9         | -17.52                | -420.8                           | 258.3      | 510.8                | 501.5                 | 9.33                    | 54.728             |         |  |
| 2,200.0  | 2,195.6             | 2,025.0             | 1,943.7             | 4.7             | 9.8         | -18.65                | -454.4                           | 287.2      | 540.6                | 530.8                 | 9.83                    | 54.989             |         |  |
| 2,300.0  | 2,293.1             | 2,120.5             | 2,028.2             | 5.0             | 10.8        | -19.77                | -488.3                           | 316.3      | 567.5                | 557.1                 | 10.35                   | 54.851             |         |  |
| 2,400.0  | 2,389.6             | 2,216.7             | 2,113.2             | 5.4             | 11.7        | -20.90                | -522.4                           | 345.6      | 591.4                | 580.6                 | 10.88                   | 54.348             |         |  |
| 2,500.0  | 2,485.3             | 2,313.5             | 2,198.7             | 5.8             | 12.7        | -22.07                | -556.8                           | 375.2      | 612.5                | 601.1                 | 11.45                   | 53.506             |         |  |
| 2,600.0  | 2,579.8             | 2,410.7             | 2,284.6             | 6.3             | 13.6        | -23.30                | -591.3                           | 404.8      | 630.8                | 618.7                 | 12.05                   | 52.344             |         |  |
| 2,700.0  | 2,673.2             | 2,508.2             | 2,370.8             | 6.8             | 14.6        | -24.58                | -625.9                           | 434.6      | 646.3                | 633.5                 | 12.70                   | 50.875             |         |  |
| 2,800.0  | 2,765.2             | 2,605.9             | 2,457.2             | 7.4             | 15.5        | -25.95                | -660.6                           | 464.4      | 659.0                | 645.6                 | 13.42                   | 49.113             |         |  |
| 2,900.0  | 2,855.8             | 2,703.8             | 2,543.6             | 8.1             | 16.5        | -27.40                | -695.3                           | 494.2      | 669.1                | 654.8                 | 14.21                   | 47.074             |         |  |
| 3,000.0  | 2,944.9             | 2,801.5             | 2,630.0             | 8.9             | 17.5        | -28.97                | -730.0                           | 524.0      | 676.6                | 661.5                 | 15.11                   | 44.780             |         |  |
| 3,100.0  | 3,032.4             | 2,899.2             | 2,716.3             | 9.7             | 18.4        | -30.66                | -764.6                           | 553.8      | 681.7                | 665.5                 | 16.13                   | 42.264             |         |  |
| 3,171.0  | 3,093.4             | 2,968.3             | 2,777.4             | 10.3            | 19.1        | -31.94                | -789.2                           | 574.9      | 683.9                | 666.9                 | 16.94                   | 40.365             |         |  |
| 3,200.0  | 3,118.2             | 2,996.5             | 2,802.4             | 10.6            | 19.4        | -32.48                | -799.2                           | 583.5      | 684.6                | 667.3                 | 17.31                   | 39.557             |         |  |
| 3,300.0  | 3,203.5             | 3,093.8             | 2,888.3             | 11.5            | 20.4        | -34.35                | -833.7                           | 613.2      | 687.5                | 668.9                 | 18.63                   | 36.909             |         |  |
| 3,400.0  | 3,288.9             | 3,191.1             | 2,974.3             | 12.5            | 21.3        | -36.21                | -868.2                           | 642.8      | 691.2                | 671.2                 | 20.05                   | 34.476             |         |  |
| 3,500.0  | 3,374.2             | 3,288.3             | 3,060.3             | 13.4            | 22.3        | -38.04                | -902.8                           | 672.5      | 695.7                | 674.1                 | 21.57                   | 32.257             |         |  |
| 3,600.0  | 3,459.5             | 3,385.6             | 3,146.2             | 14.4            | 23.3        | -39.85                | -937.3                           | 702.2      | 700.9                | 677.7                 | 23.18                   | 30.242             |         |  |
| 3,700.0  | 3,544.9             | 3,482.9             | 3,232.2             | 15.4            | 24.2        | -41.63                | -971.8                           | 731.8      | 706.8                | 681.9                 | 24.87                   | 28.420             |         |  |
| 3,800.0  | 3,630.2             | 3,580.2             | 3,318.2             | 16.4            | 25.2        | -43.38                | -1,006.3                         | 761.5      | 713.4                | 686.8                 | 26.64                   | 26.778             |         |  |
| 3,900.0  | 3,715.5             | 3,677.5             | 3,404.1             | 17.4            | 26.2        | -45.10                | -1,040.9                         | 791.2      | 720.7                | 692.2                 | 28.49                   | 25.301             |         |  |
| 4,000.0  | 3,800.9             | 3,774.7             | 3,490.1             | 18.4            | 27.1        | -46.78                | -1,075.4                         | 820.8      | 728.7                | 698.3                 | 30.39                   | 23.973             |         |  |
| 4,100.0  | 3,886.2             | 3,872.0             | 3,576.1             | 19.4            | 28.1        | -48.43                | -1,109.9                         | 850.5      | 737.3                | 704.9                 | 32.36                   | 22.781             |         |  |
| 4,200.0  | 3,971.6             | 3,969.3             | 3,662.0             | 20.4            | 29.1        | -50.04                | -1,144.4                         | 880.2      | 746.5                | 712.1                 | 34.38                   | 21.710             |         |  |
| 4,300.0  | 4,056.9             | 4,066.6             | 3,748.0             | 21.4            | 30.0        | -51.61                | -1,179.0                         | 909.9      | 756.3                | 719.9                 | 36.45                   | 20.748             |         |  |
| 4,400.0  | 4,142.2             | 4,163.8             | 3,834.0             | 22.4            | 31.0        | -53.15                | -1,213.5                         | 939.5      | 766.7                | 728.2                 | 38.56                   | 19.884             |         |  |
| 4,500.0  | 4,227.6             | 4,261.1             | 3,920.0             | 23.5            | 32.0        | -54.64                | -1,248.0                         | 969.2      | 777.7                | 737.0                 | 40.70                   | 19.106             |         |  |
| 4,600.0  | 4,312.9             | 4,358.4             | 4,005.9             | 24.5            | 32.9        | -56.09                | -1,282.5                         | 998.9      | 789.2                | 746.3                 | 42.88                   | 18.405             |         |  |
| 4,700.0  | 4,398.2             | 4,455.7             | 4,091.9             | 25.5            | 33.9        | -57.50                | -1,317.1                         | 1,028.5    | 801.1                | 756.1                 | 45.07                   | 17.774             |         |  |
| 4,800.0  | 4,483.6             | 4,553.0             | 4,177.9             | 26.5            | 34.9        | -58.87                | -1,351.6                         | 1,058.2    | 813.6                | 766.3                 | 47.29                   | 17.203             |         |  |
| 4,900.0  | 4,568.9             | 4,650.2             | 4,263.8             | 27.6            | 35.8        | -60.20                | -1,386.1                         | 1,087.9    | 826.6                | 777.0                 | 49.53                   | 16.688             |         |  |
| 5,000.0  | 4,654.3             | 4,747.5             | 4,349.8             | 28.6            | 36.8        | -61.49                | -1,420.6                         | 1,117.5    | 839.9                | 788.1                 | 51.78                   | 16.221             |         |  |

|                           |                                    |                                     |                             |
|---------------------------|------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>           | Synergy Resources                  | <b>Local Co-ordinate Reference:</b> | Well SRC Vista 12-2NHZ      |
| <b>Project:</b>           | SEC.2-T4N-R68W                     | <b>TVD Reference:</b>               | WELL @ 5013.0ft (RKB - 13') |
| <b>Reference Site:</b>    | SRC Vista (N/S) Pad Sec.2-T4N-R68W | <b>MD Reference:</b>                | WELL @ 5013.0ft (RKB - 13') |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                        |
| <b>Reference Well:</b>    | SRC Vista 12-2NHZ                  | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                  |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                    |
| <b>Reference Design:</b>  | Plan #1 (11-07-14)                 | <b>Offset TVD Reference:</b>        | Offset Datum                |

|  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           |         |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|---------------------------|---------|
| <b>Offset Design</b>   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | <b>Offset Site Error:</b> | 0.0 ft  |
| SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14) |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | <b>Offset Well Error:</b> | 0.0 ft  |
| Survey Program: 0-MWD  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                           |         |
| Reference  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                           |         |
| Measured Depth (ft)  | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor         | Warning |
| 5,100.0  | 4,739.6             | 4,844.8             | 4,435.8             | 29.6            | 37.8        | -62.74                | -1,455.2                          | 1,147.2    | 853.7                | 799.7                 | 54.04                   | 15.798                    |         |
| 5,200.0  | 4,824.9             | 4,942.1             | 4,521.7             | 30.7            | 38.8        | -63.95                | -1,489.7                          | 1,176.9    | 867.9                | 811.6                 | 56.31                   | 15.413                    |         |
| 5,300.0  | 4,910.3             | 5,039.3             | 4,607.7             | 31.7            | 39.7        | -65.12                | -1,524.2                          | 1,206.5    | 882.5                | 823.9                 | 58.58                   | 15.064                    |         |
| 5,400.0  | 4,995.6             | 5,136.6             | 4,693.7             | 32.7            | 40.7        | -66.26                | -1,558.7                          | 1,236.2    | 897.4                | 836.6                 | 60.86                   | 14.746                    |         |
| 5,500.0  | 5,080.9             | 5,233.9             | 4,779.6             | 33.7            | 41.7        | -67.35                | -1,593.3                          | 1,265.9    | 912.7                | 849.6                 | 63.14                   | 14.455                    |         |
| 5,600.0  | 5,166.3             | 5,331.2             | 4,865.6             | 34.8            | 42.6        | -68.42                | -1,627.8                          | 1,295.6    | 928.3                | 862.9                 | 65.42                   | 14.191                    |         |
| 5,700.0  | 5,251.6             | 5,428.5             | 4,951.6             | 35.8            | 43.6        | -69.45                | -1,662.3                          | 1,325.2    | 944.2                | 876.5                 | 67.69                   | 13.948                    |         |
| 5,800.0  | 5,337.0             | 5,525.7             | 5,037.6             | 36.9            | 44.6        | -70.44                | -1,696.8                          | 1,354.9    | 960.4                | 890.5                 | 69.97                   | 13.727                    |         |
| 5,900.0  | 5,422.3             | 5,623.0             | 5,123.5             | 37.9            | 45.6        | -71.41                | -1,731.4                          | 1,384.6    | 976.9                | 904.7                 | 72.24                   | 13.524                    |         |
| 6,000.0  | 5,507.6             | 5,720.3             | 5,209.5             | 38.9            | 46.5        | -72.34                | -1,765.9                          | 1,414.2    | 993.7                | 919.2                 | 74.50                   | 13.338 SF                 |         |

**Company:** Synergy Resources  
**Project:** SEC.2-T4N-R68W  
**Reference Site:** SRC Vista (N/S) Pad Sec.2-T4N-R68W  
**Site Error:** 0.0ft  
**Reference Well:** SRC Vista 12-2NHZ  
**Well Error:** 0.0ft  
**Reference Wellbore:** Wellbore #1  
**Reference Design:** Plan #1 (11-07-14)

**Local Co-ordinate Reference:** Well SRC Vista 12-2NHZ  
**TVD Reference:** WELL @ 5013.0ft (RKB - 13')  
**MD Reference:** WELL @ 5013.0ft (RKB - 13')  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** Landmark  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to WELL @ 5013.0ft (RKB - 13')

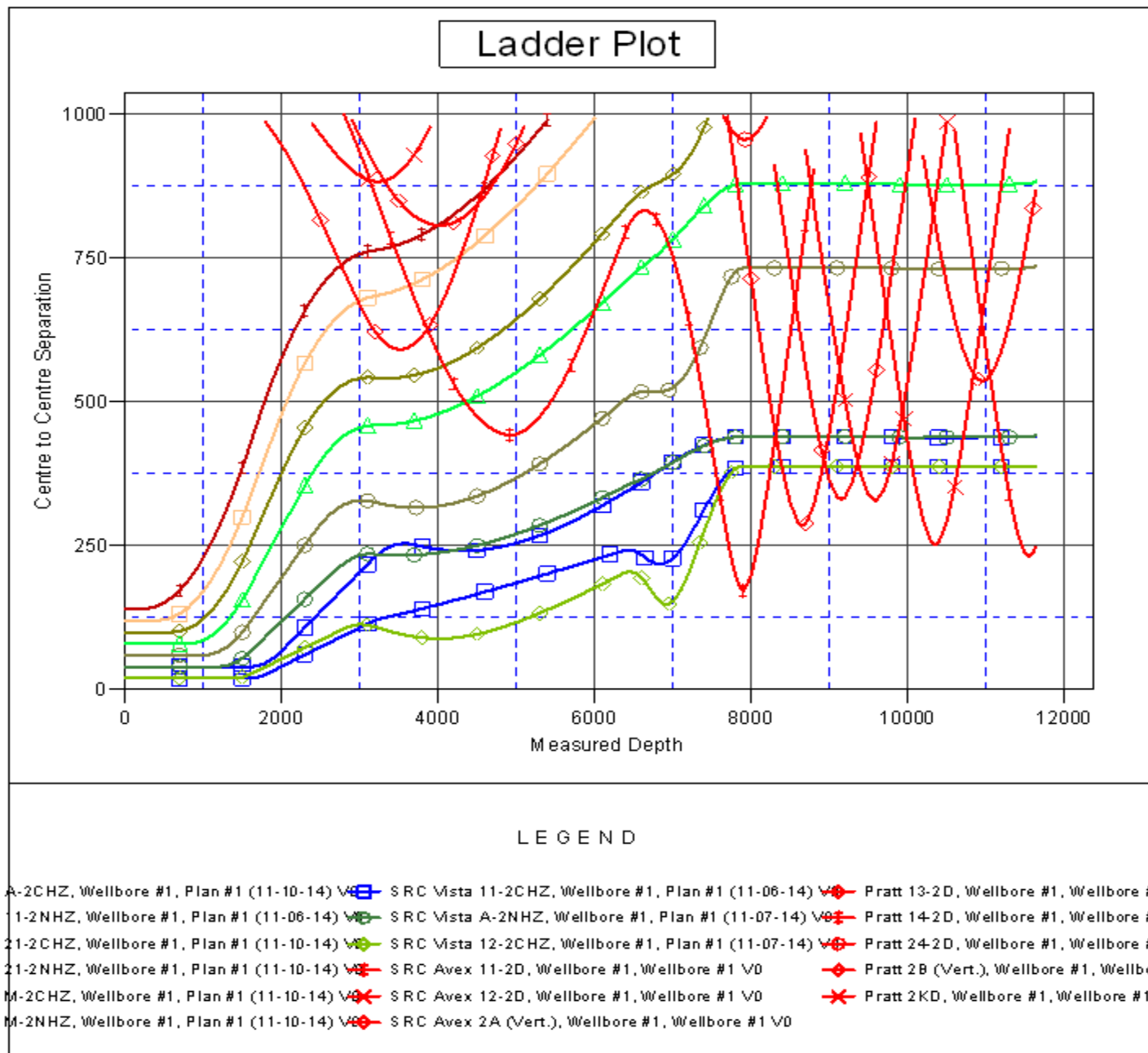
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: SRC Vista 12-2NHZ

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.34°



**Company:** Synergy Resources  
**Project:** SEC.2-T4N-R68W  
**Reference Site:** SRC Vista (N/S) Pad Sec.2-T4N-R68W  
**Site Error:** 0.0ft  
**Reference Well:** SRC Vista 12-2NHZ  
**Well Error:** 0.0ft  
**Reference Wellbore:** Wellbore #1  
**Reference Design:** Plan #1 (11-07-14)

**Local Co-ordinate Reference:** Well SRC Vista 12-2NHZ  
**TVD Reference:** WELL @ 5013.0ft (RKB - 13')  
**MD Reference:** WELL @ 5013.0ft (RKB - 13')  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** Landmark  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to WELL @ 5013.0ft (RKB - 13')  
 Offset Depths are relative to Offset Datum  
 Central Meridian is -105.500000 °

Coordinates are relative to: SRC Vista 12-2NHZ  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.34°

