

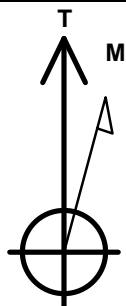
Synergy Resources

Well Name: **SRC Vista 43-2N-C**

Surface Location: SRC Vista 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 1367657.00 3145254.86 40.341448 -104.978905
 Ensign 131 RKB 13.5' WELL @ 5013.5ft (Ensign 131 RKB 13.5')

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Shape |
|------------------------|--------|--------|--------|-------|
| SHL 2163'FSL & 254'FWL | 1.0 | 0.0 | 0.0 | Point |
| BHL 1872'FSL & 460'FEL | 6900.0 | -251.3 | 4587.9 | Point |



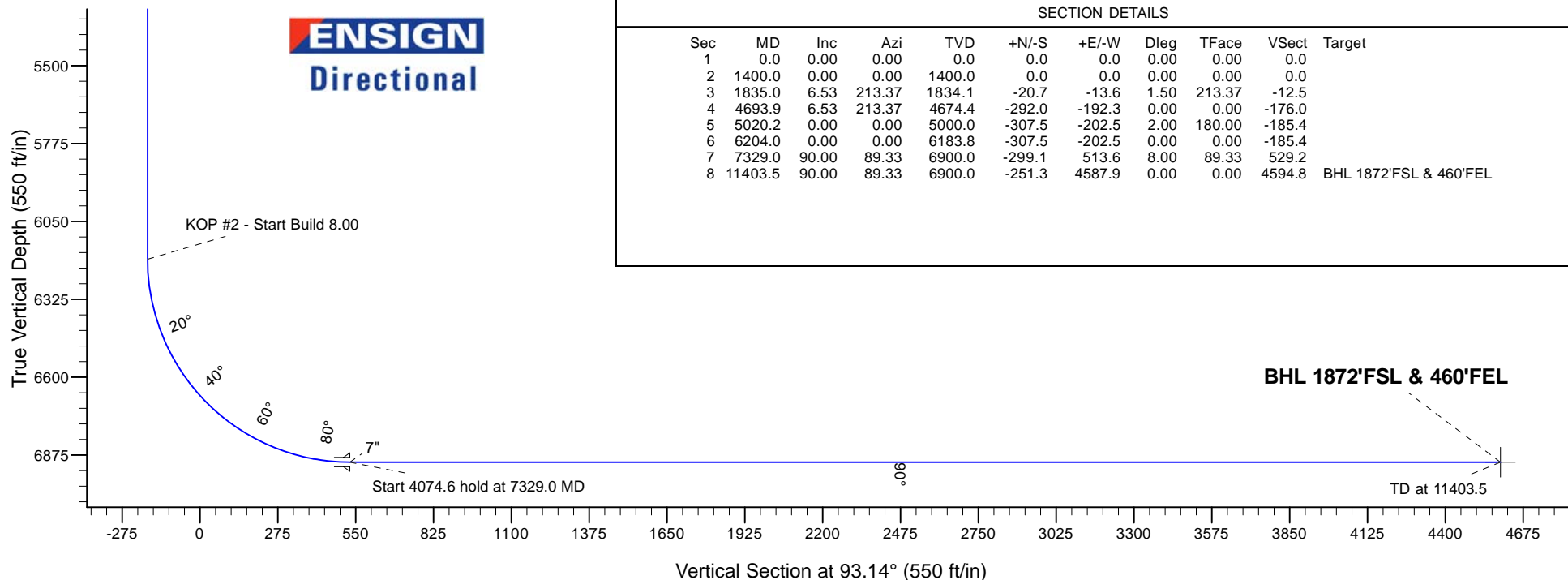
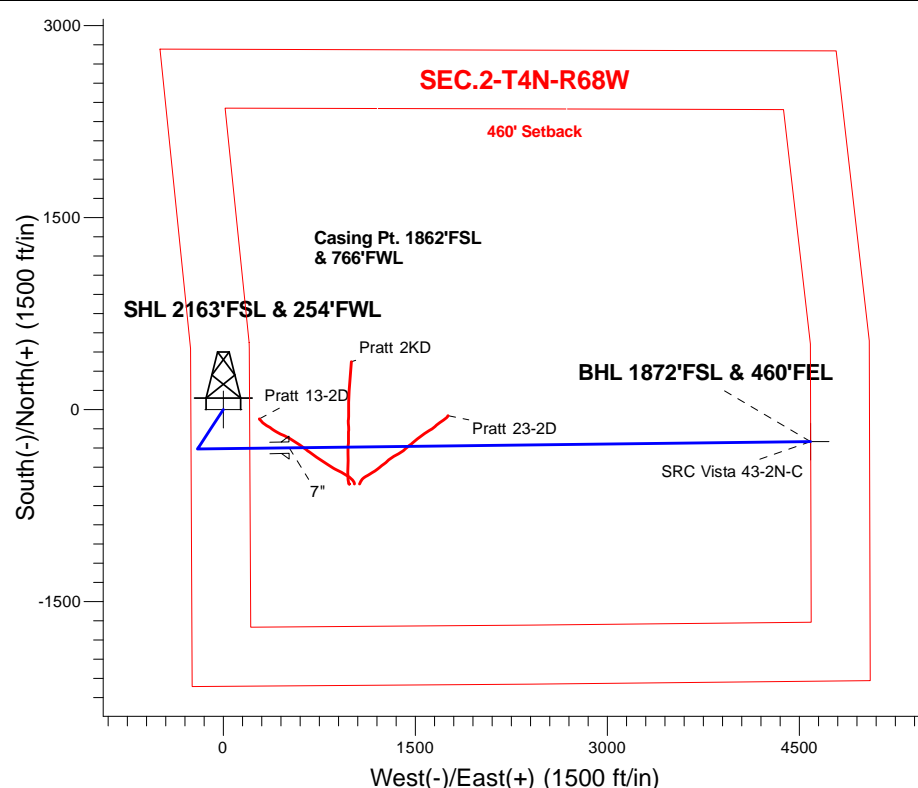
Azimuths to True North
 Magnetic North: 8.40°

Magnetic Field
 Strength: 52627.4snT
 Dip Angle: 66.82°
 Date: 9/21/2015
 Model: IGRF2010

SRC Vista Pad Sec.2-T4N-R68W
SRC Vista 43-2N-C
Plan #2 (9-21-15)
17:34, September 21 2015

ANNOTATIONS

| TVD | MD | Annotation |
|--------|---------|--------------------------------|
| 1400.0 | 1400.0 | KOP - Start Build 1.50 |
| 4674.4 | 4693.9 | Start Drop -2.00 |
| 6183.8 | 6204.0 | KOP #2 - Start Build 8.00 |
| 6900.0 | 7329.0 | Start 4074.6 hold at 7329.0 MD |
| 6900.0 | 11403.5 | TD at 11403.5 |



SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Target |
|-----|---------|-------|--------|--------|--------|--------|------|--------|--------|------------------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 1400.0 | 0.00 | 0.00 | 1400.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 1835.0 | 6.53 | 213.37 | 1834.1 | -20.7 | -13.6 | 1.50 | 213.37 | -12.5 | |
| 4 | 4693.9 | 6.53 | 213.37 | 4674.4 | -292.0 | -192.3 | 0.00 | 0.00 | -176.0 | |
| 5 | 5020.2 | 0.00 | 0.00 | 5000.0 | -307.5 | -202.5 | 2.00 | 180.00 | -185.4 | |
| 6 | 6204.0 | 0.00 | 0.00 | 6183.8 | -307.5 | -202.5 | 0.00 | 0.00 | -185.4 | |
| 7 | 7329.0 | 90.00 | 89.33 | 6900.0 | -299.1 | 513.6 | 8.00 | 89.33 | 529.2 | |
| 8 | 11403.5 | 90.00 | 89.33 | 6900.0 | -251.3 | 4587.9 | 0.00 | 0.00 | 4594.8 | BHL 1872'FSL & 460'FEL |



Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista 43-2N-C

Wellbore #1

Plan: Plan #2 (9-21-15)

Standard Planning Report

21 September, 2015



| | | | |
|------------------|------------------------------|-------------------------------------|--|
| Database: | US_EDM | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Company: | Synergy Resources | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Project: | SEC.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site: | SRC Vista Pad Sec.2-T4N-R68W | North Reference: | True |
| Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (9-21-15) | | |

| | | | |
|--------------------|--------------------------------------|----------------------|-----------------------------|
| Project | SEC.2-T4N-R68W, Weld County, Colorad | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | Using Well Reference Point |
| Map Zone: | Colorado Northern Zone | | Using geodetic scale factor |

| | | | | |
|------------------------------|------------------------------|---------------------|-------------------|---------------------------------|
| Site | SRC Vista Pad Sec.2-T4N-R68W | | | |
| Site Position: | | Northing: | 1,367,536.80 usft | Latitude: 40.341118 |
| From: | Lat/Long | Easting: | 3,145,255.85 usft | Longitude: -104.978904 |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13-3/16 " | Grid Convergence: 0.34 ° |

| | | | | |
|-----------------------------|-------------------|----------|----------------------------|---------------------------------|
| Well | SRC Vista 43-2N-C | | | |
| Well Position | +N/-S | 120.2 ft | Northing: | 1,367,657.00 usft |
| | +E/-W | -0.3 ft | Easting: | 3,145,254.87 usft |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | Ground Level: 5,000.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 9/21/2015 | 8.40 | 66.82 | 52,627 |

| | | | | |
|--------------------------|-------------------------|--------------|----------------------|------------------|
| Design | Plan #2 (9-21-15) | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W | Direction |
| | (ft) | (ft) | (ft) | (°) |
| | 0.0 | 0.0 | 0.0 | 93.14 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-------------------------|------------------------|-----------------------|---------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,400.0 | 0.00 | 0.00 | 1,400.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,835.0 | 6.53 | 213.37 | 1,834.1 | -20.7 | -13.6 | 1.50 | 1.50 | 0.00 | 213.37 | |
| 4,693.9 | 6.53 | 213.37 | 4,674.4 | -292.0 | -192.3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,020.2 | 0.00 | 0.00 | 5,000.0 | -307.5 | -202.5 | 2.00 | -2.00 | 0.00 | 180.00 | |
| 6,204.0 | 0.00 | 0.00 | 6,183.8 | -307.5 | -202.5 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,329.0 | 90.00 | 89.33 | 6,900.0 | -299.1 | 513.6 | 8.00 | 8.00 | 0.00 | 89.33 | |
| 11,403.5 | 90.00 | 89.33 | 6,900.0 | -251.3 | 4,587.9 | 0.00 | 0.00 | 0.00 | 0.00 | BHL 1872'FSL & 460' |

| | | | |
|-----------|------------------------------|------------------------------|--|
| Database: | US_EDM | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Company: | Synergy Resources | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Project: | SEC.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site: | SRC Vista Pad Sec.2-T4N-R68W | North Reference: | True |
| Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (9-21-15) | | |

| Planned Survey | | | | | | | | | |
|------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 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 |
| SHL 2163'FSL & 254'FWL | | | | | | | | | |
| 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 |
| KOP - Start Build 1.50 | | | | | | | | | |
| 1,500.0 | 1.50 | 213.37 | 1,500.0 | -1.1 | -0.7 | -0.7 | 1.50 | 1.50 | 0.00 |
| 1,600.0 | 3.00 | 213.37 | 1,599.9 | -4.4 | -2.9 | -2.6 | 1.50 | 1.50 | 0.00 |
| 1,700.0 | 4.50 | 213.37 | 1,699.7 | -9.8 | -6.5 | -5.9 | 1.50 | 1.50 | 0.00 |
| 1,800.0 | 6.00 | 213.37 | 1,799.3 | -17.5 | -11.5 | -10.5 | 1.50 | 1.50 | 0.00 |
| 1,835.0 | 6.53 | 213.37 | 1,834.1 | -20.7 | -13.6 | -12.5 | 1.50 | 1.50 | 0.00 |
| 1,900.0 | 6.53 | 213.37 | 1,898.6 | -26.8 | -17.7 | -16.2 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 6.53 | 213.37 | 1,998.0 | -36.3 | -23.9 | -21.9 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 6.53 | 213.37 | 2,097.3 | -45.8 | -30.2 | -27.6 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 6.53 | 213.37 | 2,196.7 | -55.3 | -36.4 | -33.3 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 6.53 | 213.37 | 2,296.0 | -64.8 | -42.7 | -39.1 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 6.53 | 213.37 | 2,395.4 | -74.3 | -48.9 | -44.8 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 6.53 | 213.37 | 2,494.8 | -83.8 | -55.2 | -50.5 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 6.53 | 213.37 | 2,594.1 | -93.3 | -61.4 | -56.2 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 6.53 | 213.37 | 2,693.5 | -102.8 | -67.7 | -62.0 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 6.53 | 213.37 | 2,792.8 | -112.3 | -73.9 | -67.7 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 6.53 | 213.37 | 2,892.2 | -121.7 | -80.2 | -73.4 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 6.53 | 213.37 | 2,991.5 | -131.2 | -86.4 | -79.1 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 6.53 | 213.37 | 3,090.9 | -140.7 | -92.7 | -84.8 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 6.53 | 213.37 | 3,190.2 | -150.2 | -98.9 | -90.6 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 6.53 | 213.37 | 3,289.6 | -159.7 | -105.2 | -96.3 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 6.53 | 213.37 | 3,388.9 | -169.2 | -111.4 | -102.0 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 6.53 | 213.37 | 3,488.3 | -178.7 | -117.7 | -107.7 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 6.53 | 213.37 | 3,587.6 | -188.2 | -123.9 | -113.4 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 6.53 | 213.37 | 3,687.0 | -197.7 | -130.2 | -119.2 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 6.53 | 213.37 | 3,786.3 | -207.2 | -136.4 | -124.9 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 6.53 | 213.37 | 3,885.7 | -216.7 | -142.7 | -130.6 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 6.53 | 213.37 | 3,985.0 | -226.1 | -148.9 | -136.3 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 6.53 | 213.37 | 4,084.4 | -235.6 | -155.2 | -142.1 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 6.53 | 213.37 | 4,183.7 | -245.1 | -161.4 | -147.8 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 6.53 | 213.37 | 4,283.1 | -254.6 | -167.7 | -153.5 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 6.53 | 213.37 | 4,382.4 | -264.1 | -173.9 | -159.2 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 6.53 | 213.37 | 4,481.8 | -273.6 | -180.2 | -164.9 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 6.53 | 213.37 | 4,581.1 | -283.1 | -186.4 | -170.7 | 0.00 | 0.00 | 0.00 |
| 4,693.9 | 6.53 | 213.37 | 4,674.4 | -292.0 | -192.3 | -176.0 | 0.00 | 0.00 | 0.00 |
| Start Drop -2.00 | | | | | | | | | |

| | | | |
|-----------|------------------------------|------------------------------|--|
| Database: | US_EDM | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Company: | Synergy Resources | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Project: | SEC.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site: | SRC Vista Pad Sec.2-T4N-R68W | North Reference: | True |
| Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (9-21-15) | | |

| Planned Survey | | | | | | | | | |
|-------------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,700.0 | 6.40 | 213.37 | 4,680.5 | -292.6 | -192.7 | -176.4 | 2.00 | -2.00 | 0.00 |
| 4,800.0 | 4.40 | 213.37 | 4,780.1 | -300.4 | -197.8 | -181.1 | 2.00 | -2.00 | 0.00 |
| 4,900.0 | 2.40 | 213.37 | 4,879.9 | -305.4 | -201.1 | -184.1 | 2.00 | -2.00 | 0.00 |
| 5,000.0 | 0.40 | 213.37 | 4,979.8 | -307.4 | -202.5 | -185.3 | 2.00 | -2.00 | 0.00 |
| 5,020.2 | 0.00 | 0.00 | 5,000.0 | -307.5 | -202.5 | -185.4 | 2.00 | -2.00 | 0.00 |
| 5,100.0 | 0.00 | 0.00 | 5,079.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 0.00 | 0.00 | 5,179.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 0.00 | 0.00 | 5,279.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 0.00 | 0.00 | 5,379.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 0.00 | 0.00 | 5,479.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 0.00 | 0.00 | 5,579.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 0.00 | 0.00 | 5,679.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 0.00 | 0.00 | 5,779.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 0.00 | 0.00 | 5,879.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 0.00 | 0.00 | 5,979.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 0.00 | 0.00 | 6,079.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 0.00 | 0.00 | 6,179.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| 6,204.0 | 0.00 | 0.00 | 6,183.8 | -307.5 | -202.5 | -185.4 | 0.00 | 0.00 | 0.00 |
| KOP #2 - Start Build 8.00 | | | | | | | | | |
| 6,300.0 | 7.68 | 89.33 | 6,279.5 | -307.4 | -196.1 | -179.0 | 8.00 | 8.00 | 0.00 |
| 6,400.0 | 15.68 | 89.33 | 6,377.4 | -307.2 | -175.8 | -158.8 | 8.00 | 8.00 | 0.00 |
| 6,500.0 | 23.68 | 89.33 | 6,471.5 | -306.8 | -142.2 | -125.2 | 8.00 | 8.00 | 0.00 |
| 6,600.0 | 31.68 | 89.33 | 6,560.0 | -306.2 | -95.8 | -78.9 | 8.00 | 8.00 | 0.00 |
| 6,700.0 | 39.68 | 89.33 | 6,641.1 | -305.6 | -37.5 | -20.7 | 8.00 | 8.00 | 0.00 |
| 6,800.0 | 47.68 | 89.33 | 6,713.4 | -304.8 | 31.5 | 48.1 | 8.00 | 8.00 | 0.00 |
| 6,900.0 | 55.68 | 89.33 | 6,775.3 | -303.8 | 109.9 | 126.4 | 8.00 | 8.00 | 0.00 |
| 7,000.0 | 63.68 | 89.33 | 6,825.8 | -302.8 | 196.1 | 212.4 | 8.00 | 8.00 | 0.00 |
| 7,100.0 | 71.68 | 89.33 | 6,863.7 | -301.7 | 288.6 | 304.6 | 8.00 | 8.00 | 0.00 |
| 7,200.0 | 79.68 | 89.33 | 6,888.4 | -300.6 | 385.4 | 401.2 | 8.00 | 8.00 | 0.00 |
| 7,300.0 | 87.68 | 89.33 | 6,899.4 | -299.4 | 484.7 | 500.3 | 8.00 | 8.00 | 0.00 |
| 7,329.0 | 90.00 | 89.33 | 6,900.0 | -299.1 | 513.7 | 529.3 | 7.99 | 7.99 | 0.00 |
| Start 4074.6 hold at 7329.0 MD - 7" | | | | | | | | | |
| 7,400.0 | 90.00 | 89.33 | 6,900.0 | -298.3 | 584.7 | 600.1 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 90.00 | 89.33 | 6,900.0 | -297.1 | 684.7 | 699.9 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 90.00 | 89.33 | 6,900.0 | -295.9 | 784.7 | 799.7 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 90.00 | 89.33 | 6,900.0 | -294.7 | 884.7 | 899.5 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 90.00 | 89.33 | 6,900.0 | -293.6 | 984.6 | 999.2 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 90.00 | 89.33 | 6,900.0 | -292.4 | 1,084.6 | 1,099.0 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 90.00 | 89.33 | 6,900.0 | -291.2 | 1,184.6 | 1,198.8 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 90.00 | 89.33 | 6,900.0 | -290.1 | 1,284.6 | 1,298.6 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 90.00 | 89.33 | 6,900.0 | -288.9 | 1,384.6 | 1,398.3 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 90.00 | 89.33 | 6,900.0 | -287.7 | 1,484.6 | 1,498.1 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 90.00 | 89.33 | 6,900.0 | -286.5 | 1,584.6 | 1,597.9 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 90.00 | 89.33 | 6,900.0 | -285.4 | 1,684.6 | 1,697.7 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 90.00 | 89.33 | 6,900.0 | -284.2 | 1,784.6 | 1,797.5 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 90.00 | 89.33 | 6,900.0 | -283.0 | 1,884.6 | 1,897.2 | 0.00 | 0.00 | 0.00 |
| 8,800.0 | 90.00 | 89.33 | 6,900.0 | -281.8 | 1,984.6 | 1,997.0 | 0.00 | 0.00 | 0.00 |
| 8,900.0 | 90.00 | 89.33 | 6,900.0 | -280.7 | 2,084.6 | 2,096.8 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 90.00 | 89.33 | 6,900.0 | -279.5 | 2,184.6 | 2,196.6 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 90.00 | 89.33 | 6,900.0 | -278.3 | 2,284.6 | 2,296.4 | 0.00 | 0.00 | 0.00 |
| 9,200.0 | 90.00 | 89.33 | 6,900.0 | -277.1 | 2,384.6 | 2,396.1 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 90.00 | 89.33 | 6,900.0 | -276.0 | 2,484.5 | 2,495.9 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 90.00 | 89.33 | 6,900.0 | -274.8 | 2,584.5 | 2,595.7 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 90.00 | 89.33 | 6,900.0 | -273.6 | 2,684.5 | 2,695.5 | 0.00 | 0.00 | 0.00 |

| | | | |
|-----------|------------------------------|------------------------------|--|
| Database: | US_EDM | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Company: | Synergy Resources | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Project: | SEC.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site: | SRC Vista Pad Sec.2-T4N-R68W | North Reference: | True |
| Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 (9-21-15) | | |

| Planned Survey | | | | | | | | | | |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 9,600.0 | 90.00 | 89.33 | 6,900.0 | -272.5 | 2,784.5 | 2,795.3 | 0.00 | 0.00 | 0.00 | |
| 9,700.0 | 90.00 | 89.33 | 6,900.0 | -271.3 | 2,884.5 | 2,895.0 | 0.00 | 0.00 | 0.00 | |
| 9,800.0 | 90.00 | 89.33 | 6,900.0 | -270.1 | 2,984.5 | 2,994.8 | 0.00 | 0.00 | 0.00 | |
| 9,900.0 | 90.00 | 89.33 | 6,900.0 | -268.9 | 3,084.5 | 3,094.6 | 0.00 | 0.00 | 0.00 | |
| 10,000.0 | 90.00 | 89.33 | 6,900.0 | -267.8 | 3,184.5 | 3,194.4 | 0.00 | 0.00 | 0.00 | |
| 10,100.0 | 90.00 | 89.33 | 6,900.0 | -266.6 | 3,284.5 | 3,294.2 | 0.00 | 0.00 | 0.00 | |
| 10,200.0 | 90.00 | 89.33 | 6,900.0 | -265.4 | 3,384.5 | 3,393.9 | 0.00 | 0.00 | 0.00 | |
| 10,300.0 | 90.00 | 89.33 | 6,900.0 | -264.2 | 3,484.5 | 3,493.7 | 0.00 | 0.00 | 0.00 | |
| 10,400.0 | 90.00 | 89.33 | 6,900.0 | -263.1 | 3,584.5 | 3,593.5 | 0.00 | 0.00 | 0.00 | |
| 10,500.0 | 90.00 | 89.33 | 6,900.0 | -261.9 | 3,684.5 | 3,693.3 | 0.00 | 0.00 | 0.00 | |
| 10,600.0 | 90.00 | 89.33 | 6,900.0 | -260.7 | 3,784.5 | 3,793.1 | 0.00 | 0.00 | 0.00 | |
| 10,700.0 | 90.00 | 89.33 | 6,900.0 | -259.6 | 3,884.4 | 3,892.8 | 0.00 | 0.00 | 0.00 | |
| 10,800.0 | 90.00 | 89.33 | 6,900.0 | -258.4 | 3,984.4 | 3,992.6 | 0.00 | 0.00 | 0.00 | |
| 10,900.0 | 90.00 | 89.33 | 6,900.0 | -257.2 | 4,084.4 | 4,092.4 | 0.00 | 0.00 | 0.00 | |
| 11,000.0 | 90.00 | 89.33 | 6,900.0 | -256.0 | 4,184.4 | 4,192.2 | 0.00 | 0.00 | 0.00 | |
| 11,100.0 | 90.00 | 89.33 | 6,900.0 | -254.9 | 4,284.4 | 4,291.9 | 0.00 | 0.00 | 0.00 | |
| 11,200.0 | 90.00 | 89.33 | 6,900.0 | -253.7 | 4,384.4 | 4,391.7 | 0.00 | 0.00 | 0.00 | |
| 11,300.0 | 90.00 | 89.33 | 6,900.0 | -252.5 | 4,484.4 | 4,491.5 | 0.00 | 0.00 | 0.00 | |
| 11,400.0 | 90.00 | 89.33 | 6,900.0 | -251.3 | 4,584.4 | 4,591.3 | 0.00 | 0.00 | 0.00 | |
| 11,403.5 | 90.00 | 89.33 | 6,900.0 | -251.3 | 4,587.9 | 4,594.8 | 0.00 | 0.00 | 0.00 | |
| TD at 11403.5 - BHL 1872'FSL & 460'FEL | | | | | | | | | | |

| Design Targets | | | | | | | | | | |
|---------------------------|---------------|--------------|----------|------------|------------|-----------------|----------------|-----------|-------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude | Longitude | |
| - hit/miss target | | | | | | | | | | |
| - Shape | | | | | | | | | | |
| SHL 2163'FSL & 254'FV | 0.00 | 0.00 | 1.0 | 0.0 | 0.0 | 1,367,657.01 | 3,145,254.86 | 40.341448 | -104.978905 | |
| - plan hits target center | | | | | | | | | | |
| - Point | | | | | | | | | | |
| BHL 1872'FSL & 460'FE | 0.00 | 0.00 | 6,900.0 | -251.3 | 4,587.9 | 1,367,432.67 | 3,149,843.99 | 40.340757 | -104.962447 | |
| - plan hits target center | | | | | | | | | | |
| - Point | | | | | | | | | | |

| Casing Points | | | | | | | | | | |
|---------------------|---------------------|------|--|--|--|---------------------|-------------------|--|--|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | | | | Casing Diameter (") | Hole Diameter (") | | | |
| 7,329.0 | 6,900.0 | 7" | | | | 7 | 7-1/2 | | | |

| Plan Annotations | | | | | | | | | | |
|---------------------|---------------------|-------------------|------------|--------------------------------|--|--|--|--|--|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment | | | | | | |
| | | +N/-S (ft) | +E/-W (ft) | | | | | | | |
| 1,400.0 | 1,400.0 | 0.0 | 0.0 | KOP - Start Build 1.50 | | | | | | |
| 4,693.9 | 4,674.4 | -292.0 | -192.3 | Start Drop -2.00 | | | | | | |
| 6,204.0 | 6,183.8 | -307.5 | -202.5 | KOP #2 - Start Build 8.00 | | | | | | |
| 7,329.0 | 6,900.0 | -299.1 | 513.7 | Start 4074.6 hold at 7329.0 MD | | | | | | |
| 11,403.5 | 6,900.0 | -251.3 | 4,587.9 | TD at 11403.5 | | | | | | |



Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista 43-2N-C

Wellbore #1

Plan #2 (9-21-15)

Anticollision Report

21 September, 2015



| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| | | | |
|-------------------------------------|---|-----------------------|---------------------|
| Reference | Plan #2 (9-21-15) | | |
| Filter type: | NO GLOBAL FILTER: Using user defined selection & filtering criteria | | |
| Interpolation Method: | Stations | Error Model: | ISCWSA |
| Depth Range: | Unlimited | Scan Method: | Closest Approach 3D |
| Results Limited by: | Maximum center-center distance of 1,000.0 ft | Error Surface: | Elliptical Conic |
| Warning Levels Evaluated at: | 2.00 Sigma | Casing Method: | Not applied |

| | | |
|----------------------------|-----------------------|---------------------------------|
| Survey Tool Program | Date 9/21/2015 | |
| From (ft) | To (ft) | Survey (Wellbore) |
| 0.0 | 11,403.5 | Plan #2 (9-21-15) (Wellbore #1) |
| | | Tool Name |
| | | MWD |
| | | Description |
| | | 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 | 7,150.1 | 6,922.1 | 176.0 | 138.6 | 4.700 | CC, ES, SF |
| Pratt 23-2D - Wellbore #1 - Wellbore #1 | 8,545.3 | 6,949.4 | 208.2 | 137.4 | 2.942 | CC, ES, SF |
| Pratt 2KD - Wellbore #1 - Wellbore #1 | 7,816.3 | 6,888.2 | 598.4 | 550.3 | 12.434 | CC, ES |
| Pratt 2KD - Wellbore #1 - Wellbore #1 | 8,000.0 | 6,887.4 | 626.0 | 573.3 | 11.872 | SF |
| SRC Vista Pad Sec.2-T4N-R68W | | | | | | |
| SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15) | 1,400.0 | 1,400.0 | 20.0 | 14.0 | 3.302 | CC, ES |
| SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15) | 11,403.5 | 11,712.2 | 427.0 | 246.2 | 2.362 | SF |
| SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15) | 1,400.0 | 1,400.0 | 39.7 | 33.6 | 6.544 | CC, ES |
| SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15) | 11,403.5 | 11,286.2 | 302.7 | 44.1 | 1.171 | Level 2, SF |
| SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15) | 400.0 | 400.0 | 100.2 | 98.6 | 63.678 | CC, ES |
| SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15) | 5,020.2 | 4,916.6 | 845.8 | 811.5 | 24.706 | SF |
| SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15) | 600.0 | 600.0 | 80.2 | 77.7 | 32.420 | CC, ES |
| SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15) | 11,403.5 | 11,520.7 | 896.9 | 635.8 | 3.435 | SF |
| SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15) | 200.0 | 200.0 | 120.2 | 119.5 | 178.286 | CC, ES |
| SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15) | 4,500.0 | 4,340.9 | 997.9 | 975.1 | 43.803 | SF |
| SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15) | 1,000.0 | 1,000.0 | 40.1 | 35.8 | 9.384 | CC, ES |
| SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15) | 11,403.5 | 11,762.8 | 525.7 | 315.2 | 2.497 | SF |
| SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15) | 1,200.0 | 1,200.0 | 20.0 | 14.9 | 3.876 | CC, ES |
| SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15) | 11,403.5 | 11,431.0 | 296.9 | 36.1 | 1.138 | Level 2, SF |
| SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15) | 800.0 | 800.0 | 60.1 | 56.7 | 17.827 | CC, ES |
| SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15) | 11,403.5 | 11,466.9 | 600.0 | 338.9 | 2.298 | SF |
| SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15) | 1,400.0 | 1,400.0 | 59.7 | 53.7 | 9.844 | CC, ES |
| SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15) | 11,403.5 | 11,397.0 | 599.6 | 338.3 | 2.295 | SF |

| | | | | | | | | | | | | |
|--|---------------------|---------------------|---------------------|----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|
| Offset Design | | | | | | | | | | | | |
| Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1 | | | | | | | | | | | | |
| 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 |
| 1,700.0 | 1,699.7 | 1,840.8 | 1,828.5 | 3.6 | 5.2 | -96.51 | -464.4 | 870.4 | 995.6 | 987.9 | 7.69 | 129.460 |
| 1,800.0 | 1,799.3 | 1,942.1 | 1,929.0 | 3.8 | 5.5 | -97.27 | -457.8 | 859.2 | 983.8 | 975.7 | 8.12 | 121.192 |
| 1,835.0 | 1,834.1 | 1,973.7 | 1,960.4 | 3.9 | 5.5 | -97.56 | -455.7 | 855.8 | 979.9 | 971.6 | 8.26 | 118.568 |
| 1,900.0 | 1,898.6 | 2,032.5 | 2,018.7 | 4.0 | 5.7 | -97.99 | -451.9 | 849.6 | 972.9 | 964.3 | 8.54 | 113.923 |
| 2,000.0 | 1,998.0 | 2,134.3 | 2,119.8 | 4.2 | 6.0 | -98.75 | -445.4 | 839.2 | 962.4 | 953.4 | 9.00 | 106.912 |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1 | | Offset Site Error: 0.0 ft | |
|------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|-------------------|--|---------|---------------------------|--|
| Survey Program: 48-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) | | | | | |
| 2,100.0 | 2,097.3 | 2,235.7 | 2,220.3 | 4.5 | 6.3 | -99.55 | -438.4 | 828.5 | 951.6 | 942.2 | 9.48 | 100.395 | | | | |
| 2,200.0 | 2,196.7 | 2,335.1 | 2,318.9 | 4.7 | 6.6 | -100.36 | -431.4 | 817.9 | 941.0 | 931.0 | 9.96 | 94.431 | | | | |
| 2,300.0 | 2,296.0 | 2,436.6 | 2,419.6 | 5.0 | 7.0 | -101.18 | -424.5 | 806.8 | 930.3 | 919.8 | 10.47 | 88.889 | | | | |
| 2,400.0 | 2,395.4 | 2,527.7 | 2,510.0 | 5.2 | 7.2 | -101.92 | -418.5 | 796.9 | 920.0 | 909.0 | 10.94 | 84.071 | | | | |
| 2,500.0 | 2,494.8 | 2,625.4 | 2,606.9 | 5.5 | 7.5 | -102.72 | -412.6 | 786.9 | 910.5 | 899.0 | 11.44 | 79.582 | | | | |
| 2,600.0 | 2,594.1 | 2,725.1 | 2,705.8 | 5.8 | 7.8 | -103.60 | -405.7 | 776.6 | 900.9 | 889.0 | 11.95 | 75.394 | | | | |
| 2,700.0 | 2,693.5 | 2,819.7 | 2,799.8 | 6.1 | 8.1 | -104.45 | -399.3 | 767.1 | 891.8 | 879.4 | 12.45 | 71.614 | | | | |
| 2,800.0 | 2,792.8 | 2,919.3 | 2,898.6 | 6.3 | 8.4 | -105.37 | -392.6 | 757.2 | 883.1 | 870.2 | 12.97 | 68.070 | | | | |
| 2,900.0 | 2,892.2 | 3,029.3 | 3,007.8 | 6.6 | 8.7 | -106.43 | -384.5 | 746.0 | 874.1 | 860.6 | 13.53 | 64.597 | | | | |
| 3,000.0 | 2,991.5 | 3,129.6 | 3,107.1 | 6.9 | 9.1 | -107.43 | -376.6 | 734.5 | 864.1 | 850.0 | 14.07 | 61.403 | | | | |
| 3,100.0 | 3,090.9 | 3,219.4 | 3,196.1 | 7.2 | 9.3 | -108.33 | -370.1 | 724.8 | 855.2 | 840.6 | 14.59 | 58.620 | | | | |
| 3,200.0 | 3,190.2 | 3,318.6 | 3,294.5 | 7.5 | 9.6 | -109.34 | -363.0 | 714.6 | 846.9 | 831.7 | 15.13 | 55.980 | | | | |
| 3,300.0 | 3,289.6 | 3,418.4 | 3,393.5 | 7.8 | 9.9 | -110.39 | -355.4 | 704.2 | 838.7 | 823.0 | 15.68 | 53.495 | | | | |
| 3,400.0 | 3,388.9 | 3,517.6 | 3,491.9 | 8.1 | 10.2 | -111.49 | -347.5 | 693.8 | 830.7 | 814.5 | 16.23 | 51.173 | | | | |
| 3,500.0 | 3,488.3 | 3,616.4 | 3,589.8 | 8.4 | 10.6 | -112.58 | -339.8 | 683.4 | 823.0 | 806.2 | 16.79 | 49.016 | | | | |
| 3,600.0 | 3,587.6 | 3,715.0 | 3,687.6 | 8.7 | 10.9 | -113.67 | -332.6 | 672.9 | 815.5 | 798.2 | 17.35 | 47.015 | | | | |
| 3,700.0 | 3,687.0 | 3,808.5 | 3,780.3 | 9.0 | 11.1 | -114.69 | -326.1 | 663.1 | 808.6 | 790.7 | 17.88 | 45.212 | | | | |
| 3,800.0 | 3,786.3 | 3,902.8 | 3,873.9 | 9.3 | 11.4 | -115.73 | -319.8 | 653.8 | 802.6 | 784.2 | 18.43 | 43.555 | | | | |
| 3,900.0 | 3,885.7 | 3,999.8 | 3,970.3 | 9.6 | 11.7 | -116.88 | -312.4 | 644.8 | 797.4 | 778.4 | 18.98 | 42.003 | | | | |
| 4,000.0 | 3,985.0 | 4,105.0 | 4,074.6 | 9.9 | 12.0 | -118.16 | -304.1 | 634.6 | 792.1 | 772.5 | 19.57 | 40.467 | | | | |
| 4,100.0 | 4,084.4 | 4,204.2 | 4,173.0 | 10.2 | 12.3 | -119.37 | -296.4 | 624.5 | 786.7 | 766.5 | 20.15 | 39.042 | | | | |
| 4,200.0 | 4,183.7 | 4,298.0 | 4,266.1 | 10.5 | 12.6 | -120.50 | -289.5 | 615.1 | 781.7 | 761.0 | 20.70 | 37.758 | | | | |
| 4,300.0 | 4,283.1 | 4,392.5 | 4,360.0 | 10.8 | 12.9 | -121.61 | -283.2 | 606.3 | 777.9 | 756.7 | 21.26 | 36.599 | | | | |
| 4,400.0 | 4,382.4 | 4,494.4 | 4,461.2 | 11.1 | 13.2 | -122.76 | -277.1 | 596.7 | 774.4 | 752.6 | 21.82 | 35.486 | | | | |
| 4,500.0 | 4,481.8 | 4,605.3 | 4,571.3 | 11.4 | 13.5 | -124.09 | -269.8 | 585.2 | 770.2 | 747.8 | 22.43 | 34.340 | | | | |
| 4,600.0 | 4,581.1 | 4,700.5 | 4,665.6 | 11.7 | 13.8 | -125.32 | -262.4 | 574.6 | 765.6 | 742.6 | 23.00 | 33.293 | | | | |
| 4,693.9 | 4,674.4 | 4,790.6 | 4,754.9 | 12.0 | 14.1 | -126.48 | -255.4 | 565.2 | 762.2 | 738.7 | 23.53 | 32.393 | | | | |
| 4,700.0 | 4,680.5 | 4,796.6 | 4,760.9 | 12.0 | 14.1 | -126.56 | -255.0 | 564.5 | 762.0 | 738.5 | 23.56 | 32.338 | | | | |
| 4,800.0 | 4,780.1 | 4,897.3 | 4,860.8 | 12.2 | 14.4 | -127.59 | -248.6 | 554.0 | 757.6 | 733.5 | 24.07 | 31.472 | | | | |
| 4,900.0 | 4,879.9 | 5,001.7 | 4,964.4 | 12.4 | 14.8 | -128.44 | -241.7 | 542.5 | 750.7 | 726.2 | 24.56 | 30.568 | | | | |
| 5,000.0 | 4,979.8 | 5,095.6 | 5,057.5 | 12.6 | 15.0 | -129.00 | -235.4 | 532.1 | 741.8 | 716.9 | 24.98 | 29.695 | | | | |
| 5,020.2 | 5,000.0 | 5,114.6 | 5,076.3 | 12.6 | 15.1 | 84.29 | -234.2 | 530.1 | 739.9 | 714.6 | 25.25 | 29.303 | | | | |
| 5,100.0 | 5,079.8 | 5,192.1 | 5,153.3 | 12.8 | 15.3 | 83.85 | -229.4 | 522.1 | 732.2 | 706.6 | 25.60 | 28.603 | | | | |
| 5,200.0 | 5,179.8 | 5,287.8 | 5,248.2 | 13.0 | 15.6 | 83.27 | -223.1 | 512.4 | 722.8 | 696.8 | 26.02 | 27.779 | | | | |
| 5,300.0 | 5,279.8 | 5,377.9 | 5,337.8 | 13.1 | 15.9 | 82.75 | -217.6 | 504.2 | 714.5 | 688.1 | 26.42 | 27.043 | | | | |
| 5,400.0 | 5,379.8 | 5,501.5 | 5,460.6 | 13.3 | 16.2 | 82.08 | -210.9 | 492.0 | 705.5 | 678.5 | 26.92 | 26.208 | | | | |
| 5,500.0 | 5,479.8 | 5,601.6 | 5,559.9 | 13.5 | 16.5 | 81.57 | -206.4 | 480.1 | 694.2 | 666.9 | 27.37 | 25.362 | | | | |
| 5,600.0 | 5,579.8 | 5,699.6 | 5,657.1 | 13.6 | 16.8 | 81.09 | -202.3 | 468.7 | 683.4 | 655.5 | 27.82 | 24.560 | | | | |
| 5,700.0 | 5,679.8 | 5,796.3 | 5,753.1 | 13.8 | 17.1 | 80.49 | -197.0 | 457.4 | 672.7 | 644.4 | 28.26 | 23.802 | | | | |
| 5,800.0 | 5,779.8 | 5,887.6 | 5,843.7 | 14.0 | 17.4 | 79.94 | -192.2 | 447.5 | 662.9 | 634.3 | 28.68 | 23.117 | | | | |
| 5,900.0 | 5,879.8 | 5,993.8 | 5,949.2 | 14.2 | 17.7 | 79.31 | -186.9 | 436.4 | 653.5 | 624.4 | 29.13 | 22.433 | | | | |
| 6,000.0 | 5,979.8 | 6,091.4 | 6,045.9 | 14.3 | 18.0 | 78.60 | -181.0 | 425.2 | 643.3 | 613.8 | 29.56 | 21.764 | | | | |
| 6,100.0 | 6,079.8 | 6,186.8 | 6,140.6 | 14.5 | 18.3 | 77.92 | -175.3 | 415.0 | 634.1 | 604.1 | 29.98 | 21.152 | | | | |
| 6,204.0 | 6,183.8 | 6,293.5 | 6,246.4 | 14.7 | 18.6 | 77.05 | -168.2 | 403.3 | 624.5 | 594.0 | 30.43 | 20.524 | | | | |
| 6,250.0 | 6,229.8 | 6,336.6 | 6,289.2 | 14.8 | 18.7 | -12.78 | -165.1 | 398.5 | 618.8 | 588.1 | 30.61 | 20.212 | | | | |
| 6,300.0 | 6,279.5 | 6,382.9 | 6,335.1 | 14.8 | 18.9 | -13.47 | -161.8 | 393.6 | 609.6 | 579.0 | 30.60 | 19.920 | | | | |
| 6,350.0 | 6,328.8 | 6,428.9 | 6,380.7 | 14.9 | 19.0 | -14.32 | -158.5 | 388.8 | 597.3 | 566.9 | 30.48 | 19.599 | | | | |
| 6,400.0 | 6,377.4 | 6,474.7 | 6,426.2 | 15.0 | 19.2 | -15.38 | -155.2 | 384.2 | 582.1 | 551.8 | 30.25 | 19.240 | | | | |
| 6,450.0 | 6,425.0 | 6,519.3 | 6,470.5 | 15.0 | 19.3 | -16.67 | -152.0 | 379.8 | 563.8 | 533.9 | 29.94 | 18.833 | | | | |
| 6,500.0 | 6,471.5 | 6,564.3 | 6,515.2 | 15.0 | 19.4 | -18.29 | -148.8 | 375.4 | 542.7 | 513.1 | 29.56 | 18.359 | | | | |
| 6,550.0 | 6,516.5 | 6,609.7 | 6,560.2 | 15.0 | 19.6 | -20.34 | -145.7 | 370.9 | 518.6 | 489.4 | 29.15 | 17.788 | | | | |
| 6,600.0 | 6,560.0 | 6,652.8 | 6,603.0 | 15.1 | 19.7 | -22.87 | -143.0 | 366.4 | 491.7 | 462.9 | 28.76 | 17.099 | | | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|--------|
| Survey Program: 48-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 | | |
| 6,650.0 | 6,601.6 | 6,691.8 | 6,641.6 | 15.1 | 19.8 | -25.92 | -140.7 | 362.2 | 462.3 | 433.9 | 28.42 | 16.266 | | |
| 6,700.0 | 6,641.1 | 6,726.9 | 6,676.5 | 15.1 | 19.9 | -29.61 | -138.5 | 358.4 | 430.9 | 402.7 | 28.24 | 15.261 | | |
| 6,750.0 | 6,678.5 | 6,759.7 | 6,709.0 | 15.1 | 20.0 | -34.17 | -136.3 | 354.9 | 397.8 | 369.5 | 28.32 | 14.044 | | |
| 6,800.0 | 6,713.4 | 6,789.9 | 6,739.0 | 15.2 | 20.1 | -39.73 | -134.3 | 351.7 | 363.4 | 334.6 | 28.81 | 12.615 | | |
| 6,850.0 | 6,745.7 | 6,818.3 | 6,767.1 | 15.2 | 20.2 | -46.47 | -132.4 | 348.7 | 328.3 | 298.5 | 29.79 | 11.020 | | |
| 6,900.0 | 6,775.3 | 6,844.0 | 6,792.6 | 15.3 | 20.3 | -54.21 | -130.6 | 346.0 | 293.2 | 261.9 | 31.22 | 9.391 | | |
| 6,950.0 | 6,802.1 | 6,866.4 | 6,814.9 | 15.8 | 20.3 | -62.47 | -129.1 | 343.6 | 259.0 | 226.2 | 32.84 | 7.888 | | |
| 7,000.0 | 6,825.8 | 6,885.5 | 6,833.8 | 16.3 | 20.4 | -70.52 | -127.9 | 341.5 | 227.5 | 193.1 | 34.36 | 6.621 | | |
| 7,050.0 | 6,846.4 | 6,901.2 | 6,849.3 | 17.0 | 20.5 | -77.54 | -126.9 | 339.8 | 201.0 | 165.4 | 35.61 | 5.645 | | |
| 7,100.0 | 6,863.7 | 6,913.3 | 6,861.4 | 17.7 | 20.5 | -82.91 | -126.1 | 338.4 | 182.7 | 146.1 | 36.59 | 4.993 | | |
| 7,150.0 | 6,877.8 | 6,922.0 | 6,870.1 | 18.5 | 20.5 | -86.23 | -125.5 | 337.5 | 176.0 | 138.6 | 37.45 | 4.700 | | |
| 7,150.1 | 6,877.8 | 6,922.1 | 6,870.1 | 18.5 | 20.5 | -86.24 | -125.5 | 337.5 | 176.0 | 138.6 | 37.45 | 4.700 CC, ES, SF | | |
| 7,200.0 | 6,888.4 | 6,927.2 | 6,875.2 | 19.3 | 20.5 | -87.36 | -125.2 | 336.9 | 182.8 | 144.5 | 38.30 | 4.771 | | |
| 7,250.0 | 6,895.7 | 6,928.9 | 6,876.9 | 20.2 | 20.5 | -86.24 | -125.1 | 336.7 | 201.8 | 162.7 | 39.17 | 5.153 | | |
| 7,300.0 | 6,899.4 | 6,927.1 | 6,875.1 | 21.2 | 20.5 | -82.90 | -125.2 | 336.9 | 230.2 | 190.3 | 39.90 | 5.768 | | |
| 7,329.0 | 6,900.0 | 6,924.4 | 6,872.5 | 21.8 | 20.5 | -79.99 | -125.4 | 337.2 | 249.6 | 209.4 | 40.15 | 6.216 | | |
| 7,400.0 | 6,900.0 | 6,916.6 | 6,864.7 | 23.2 | 20.5 | -77.51 | -125.9 | 338.1 | 303.4 | 262.1 | 41.25 | 7.355 | | |
| 7,500.0 | 6,900.0 | 6,905.7 | 6,853.9 | 25.4 | 20.5 | -74.12 | -126.6 | 339.3 | 388.4 | 345.6 | 42.78 | 9.079 | | |
| 7,600.0 | 6,900.0 | 6,894.9 | 6,843.1 | 27.7 | 20.4 | -70.85 | -127.3 | 340.5 | 478.9 | 434.7 | 44.24 | 10.825 | | |
| 7,700.0 | 6,900.0 | 6,884.2 | 6,832.6 | 30.1 | 20.4 | -67.72 | -128.0 | 341.6 | 572.5 | 526.8 | 45.63 | 12.546 | | |
| 7,800.0 | 6,900.0 | 6,873.7 | 6,822.1 | 32.5 | 20.4 | -64.73 | -128.7 | 342.8 | 667.7 | 620.8 | 46.92 | 14.230 | | |
| 7,900.0 | 6,900.0 | 6,863.2 | 6,811.7 | 35.0 | 20.3 | -61.88 | -129.3 | 343.9 | 764.0 | 715.9 | 48.11 | 15.879 | | |
| 8,000.0 | 6,900.0 | 6,852.9 | 6,801.5 | 37.6 | 20.3 | -59.19 | -130.0 | 345.0 | 861.0 | 811.8 | 49.20 | 17.500 | | |
| 8,100.0 | 6,900.0 | 6,842.7 | 6,791.4 | 40.1 | 20.3 | -56.65 | -130.7 | 346.1 | 958.5 | 908.3 | 50.19 | 19.096 | | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 23-2D - Wellbore #1 - Wellbore #1 | | Offset Site Error: | | 0.0 ft |
|------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|-------------------|--|---------|--------------------|--|--------|
| Survey Program: 48-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) | | | | | | |
| 7,600.0 | 6,900.0 | 6,888.4 | 6,833.2 | 27.7 | 20.5 | -71.07 | -79.8 | 1,723.6 | 966.0 | 921.8 | 44.18 | 21.865 | 2.942 CC, ES, SF | | | | |
| 7,700.0 | 6,900.0 | 6,894.8 | 6,839.5 | 30.1 | 20.5 | -72.70 | -79.5 | 1,724.0 | 868.8 | 822.0 | 46.85 | 18.544 | | | | | |
| 7,800.0 | 6,900.0 | 6,901.2 | 6,845.9 | 32.5 | 20.5 | -74.36 | -79.2 | 1,724.4 | 772.3 | 722.7 | 49.60 | 15.571 | | | | | |
| 7,900.0 | 6,900.0 | 6,907.6 | 6,852.3 | 35.0 | 20.5 | -76.04 | -78.9 | 1,724.8 | 676.8 | 624.4 | 52.40 | 12.916 | | | | | |
| 8,000.0 | 6,900.0 | 6,914.0 | 6,858.6 | 37.6 | 20.6 | -77.73 | -78.6 | 1,725.2 | 582.6 | 527.4 | 55.23 | 10.548 | | | | | |
| 8,100.0 | 6,900.0 | 6,920.4 | 6,865.0 | 40.1 | 20.6 | -79.45 | -78.2 | 1,725.6 | 490.7 | 432.6 | 58.09 | 8.447 | | | | | |
| 8,200.0 | 6,900.0 | 6,926.8 | 6,871.4 | 42.7 | 20.6 | -81.18 | -77.9 | 1,726.0 | 402.6 | 341.6 | 60.96 | 6.604 | | | | | |
| 8,300.0 | 6,900.0 | 6,933.5 | 6,878.0 | 45.4 | 20.6 | -83.00 | -77.6 | 1,726.4 | 321.3 | 257.5 | 63.83 | 5.034 | | | | | |
| 8,400.0 | 6,900.0 | 6,940.1 | 6,884.7 | 48.0 | 20.6 | -84.82 | -77.3 | 1,726.8 | 253.7 | 187.0 | 66.69 | 3.804 | | | | | |
| 8,500.0 | 6,900.0 | 6,946.6 | 6,891.1 | 50.7 | 20.6 | -86.59 | -77.0 | 1,727.2 | 213.0 | 143.5 | 69.50 | 3.065 | | | | | |
| 8,545.3 | 6,900.0 | 6,949.4 | 6,894.0 | 51.9 | 20.6 | -87.38 | -76.9 | 1,727.4 | 208.2 | 137.4 | 70.77 | | | | | | |
| 8,600.0 | 6,900.0 | 6,952.8 | 6,897.4 | 53.4 | 20.6 | -88.31 | -76.7 | 1,727.6 | 215.2 | 143.0 | 72.28 | 2.978 | | | | | |
| 8,700.0 | 6,900.0 | 6,958.9 | 6,903.4 | 56.1 | 20.7 | -89.98 | -76.4 | 1,728.0 | 259.2 | 184.2 | 75.01 | 3.456 | | | | | |
| 8,800.0 | 6,900.0 | 6,964.8 | 6,909.3 | 58.8 | 20.7 | -91.59 | -76.2 | 1,728.3 | 328.6 | 250.9 | 77.70 | 4.229 | | | | | |
| 8,900.0 | 6,900.0 | 6,970.5 | 6,915.0 | 61.5 | 20.7 | -93.15 | -75.9 | 1,728.7 | 410.8 | 330.4 | 80.34 | 5.113 | | | | | |
| 9,000.0 | 6,900.0 | 6,976.1 | 6,920.6 | 64.2 | 20.7 | -94.66 | -75.7 | 1,729.0 | 499.4 | 416.5 | 82.93 | 6.022 | | | | | |
| 9,100.0 | 6,900.0 | 6,981.5 | 6,926.0 | 66.9 | 20.7 | -96.12 | -75.4 | 1,729.3 | 591.6 | 506.1 | 85.47 | 6.921 | | | | | |
| 9,200.0 | 6,900.0 | 6,986.8 | 6,931.2 | 69.7 | 20.7 | -97.53 | -75.2 | 1,729.6 | 685.9 | 598.0 | 87.97 | 7.798 | | | | | |
| 9,300.0 | 6,900.0 | 6,991.9 | 6,936.3 | 72.4 | 20.7 | -98.88 | -75.0 | 1,729.9 | 781.7 | 691.3 | 90.41 | 8.646 | | | | | |
| 9,400.0 | 6,900.0 | 6,996.8 | 6,941.3 | 75.1 | 20.7 | -100.19 | -74.8 | 1,730.1 | 878.3 | 785.5 | 92.81 | 9.464 | | | | | |
| 9,500.0 | 6,900.0 | 7,001.7 | 6,946.1 | 77.9 | 20.8 | -101.45 | -74.6 | 1,730.4 | 975.6 | 880.4 | 95.16 | 10.253 | | | | | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 2KD - Wellbore #1 - Wellbore #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|--------|
| Survey Program: 48-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 | | |
| 7,000.0 | 6,825.8 | 6,820.0 | 6,754.5 | 16.3 | 20.9 | -54.14 | 290.7 | 994.5 | 997.5 | 969.0 | 28.43 | 35.086 | | |
| 7,050.0 | 6,846.4 | 6,840.9 | 6,775.3 | 17.0 | 20.9 | -58.79 | 293.4 | 994.3 | 962.6 | 933.1 | 29.55 | 32.572 | | |
| 7,100.0 | 6,863.7 | 6,857.0 | 6,791.2 | 17.7 | 21.0 | -63.46 | 295.6 | 994.2 | 927.4 | 896.6 | 30.86 | 30.053 | | |
| 7,150.0 | 6,877.8 | 6,869.9 | 6,804.0 | 18.5 | 21.0 | -68.12 | 297.3 | 994.1 | 892.3 | 860.0 | 32.27 | 27.648 | | |
| 7,200.0 | 6,888.4 | 6,879.7 | 6,813.7 | 19.3 | 21.0 | -72.63 | 298.6 | 994.0 | 857.5 | 823.8 | 33.70 | 25.445 | | |
| 7,250.0 | 6,895.7 | 6,886.4 | 6,820.3 | 20.2 | 21.1 | -76.84 | 299.5 | 994.0 | 823.4 | 788.3 | 35.07 | 23.479 | | |
| 7,300.0 | 6,899.4 | 6,889.8 | 6,823.7 | 21.2 | 21.1 | -80.62 | 299.9 | 993.9 | 790.3 | 753.9 | 36.35 | 21.744 | | |
| 7,329.0 | 6,900.0 | 6,890.2 | 6,824.1 | 21.8 | 21.1 | -82.57 | 300.0 | 993.9 | 771.7 | 734.7 | 37.04 | 20.834 | | |
| 7,400.0 | 6,900.0 | 6,889.9 | 6,823.8 | 23.2 | 21.1 | -82.54 | 300.0 | 993.9 | 729.0 | 690.5 | 38.49 | 18.938 | | |
| 7,500.0 | 6,900.0 | 6,889.5 | 6,823.5 | 25.4 | 21.1 | -82.51 | 299.9 | 993.9 | 676.9 | 636.2 | 40.66 | 16.648 | | |
| 7,600.0 | 6,900.0 | 6,889.1 | 6,823.1 | 27.7 | 21.1 | -82.47 | 299.9 | 993.9 | 636.3 | 593.4 | 42.93 | 14.821 | | |
| 7,700.0 | 6,900.0 | 6,888.7 | 6,822.6 | 30.1 | 21.1 | -82.43 | 299.8 | 993.9 | 609.6 | 564.3 | 45.30 | 13.459 | | |
| 7,800.0 | 6,900.0 | 6,888.3 | 6,822.2 | 32.5 | 21.1 | -82.39 | 299.7 | 993.9 | 598.7 | 550.9 | 47.72 | 12.544 | | |
| 7,816.3 | 6,900.0 | 6,888.2 | 6,822.2 | 32.9 | 21.1 | -82.38 | 299.7 | 993.9 | 598.4 | 550.3 | 48.13 | 12.434 CC, ES | | |
| 7,900.0 | 6,900.0 | 6,887.9 | 6,821.8 | 35.0 | 21.1 | -82.35 | 299.7 | 994.0 | 604.3 | 554.1 | 50.21 | 12.036 | | |
| 8,000.0 | 6,900.0 | 6,887.4 | 6,821.4 | 37.6 | 21.1 | -82.31 | 299.6 | 994.0 | 626.0 | 573.3 | 52.73 | 11.872 SF | | |
| 8,100.0 | 6,900.0 | 6,887.0 | 6,820.9 | 40.1 | 21.1 | -82.26 | 299.6 | 994.0 | 662.3 | 607.0 | 55.28 | 11.980 | | |
| 8,200.0 | 6,900.0 | 6,886.6 | 6,820.5 | 42.7 | 21.1 | -82.22 | 299.5 | 994.0 | 710.9 | 653.0 | 57.87 | 12.285 | | |
| 8,300.0 | 6,900.0 | 6,886.1 | 6,820.0 | 45.4 | 21.1 | -82.18 | 299.5 | 994.0 | 769.5 | 709.0 | 60.47 | 12.724 | | |
| 8,400.0 | 6,900.0 | 6,885.6 | 6,819.6 | 48.0 | 21.1 | -82.13 | 299.4 | 994.0 | 836.0 | 772.9 | 63.10 | 13.249 | | |
| 8,500.0 | 6,900.0 | 6,885.1 | 6,819.1 | 50.7 | 21.1 | -82.08 | 299.3 | 994.0 | 908.6 | 842.9 | 65.74 | 13.822 | | |
| 8,600.0 | 6,900.0 | 6,884.6 | 6,818.6 | 53.4 | 21.1 | -82.04 | 299.3 | 994.0 | 986.1 | 917.7 | 68.39 | 14.418 | | |

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|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | 0.00 | 20.0 | 0.0 | 20.0 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 0.00 | 20.0 | 0.0 | 20.0 | 19.8 | 0.22 | 89.146 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 0.00 | 20.0 | 0.0 | 20.0 | 19.4 | 0.67 | 29.715 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | 0.00 | 20.0 | 0.0 | 20.0 | 18.9 | 1.12 | 17.829 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | 0.00 | 20.0 | 0.0 | 20.0 | 18.5 | 1.57 | 12.735 | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | 0.00 | 20.0 | 0.0 | 20.0 | 18.0 | 2.02 | 9.905 | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | 0.00 | 20.0 | 0.0 | 20.0 | 17.6 | 2.47 | 8.104 | | |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.5 | 1.5 | 0.00 | 20.0 | 0.0 | 20.0 | 17.1 | 2.92 | 6.857 | | |
| 800.0 | 800.0 | 800.0 | 800.0 | 1.7 | 1.7 | 0.00 | 20.0 | 0.0 | 20.0 | 16.7 | 3.37 | 5.943 | | |
| 900.0 | 900.0 | 900.0 | 900.0 | 1.9 | 1.9 | 0.00 | 20.0 | 0.0 | 20.0 | 16.2 | 3.82 | 5.244 | | |
| 1,000.0 | 1,000.0 | 1,000.0 | 1,000.0 | 2.1 | 2.1 | 0.00 | 20.0 | 0.0 | 20.0 | 15.8 | 4.27 | 4.692 | | |
| 1,100.0 | 1,100.0 | 1,100.0 | 1,100.0 | 2.4 | 2.4 | 0.00 | 20.0 | 0.0 | 20.0 | 15.3 | 4.72 | 4.245 | | |
| 1,200.0 | 1,200.0 | 1,200.0 | 1,200.0 | 2.6 | 2.6 | 0.00 | 20.0 | 0.0 | 20.0 | 14.9 | 5.17 | 3.876 | | |
| 1,300.0 | 1,300.0 | 1,300.0 | 1,300.0 | 2.8 | 2.8 | 0.00 | 20.0 | 0.0 | 20.0 | 14.4 | 5.62 | 3.566 | | |
| 1,400.0 | 1,400.0 | 1,400.0 | 1,400.0 | 3.0 | 3.0 | 0.00 | 20.0 | 0.0 | 20.0 | 14.0 | 6.07 | 3.302 CC, ES | | |
| 1,500.0 | 1,500.0 | 1,500.0 | 1,500.0 | 3.2 | 3.3 | 148.58 | 20.0 | 0.0 | 21.1 | 14.7 | 6.49 | 3.257 | | |
| 1,600.0 | 1,599.9 | 1,599.9 | 1,599.9 | 3.4 | 3.5 | 153.33 | 20.0 | 0.0 | 24.6 | 17.7 | 6.89 | 3.567 | | |
| 1,700.0 | 1,699.7 | 1,700.0 | 1,700.0 | 3.6 | 3.7 | 156.55 | 19.8 | -1.3 | 30.0 | 22.8 | 7.28 | 4.129 | | |
| 1,800.0 | 1,799.3 | 1,800.1 | 1,800.0 | 3.8 | 3.9 | 156.52 | 18.9 | -5.1 | 37.0 | 29.3 | 7.65 | 4.829 | | |
| 1,835.0 | 1,834.1 | 1,835.1 | 1,835.0 | 3.9 | 4.0 | 156.04 | 18.5 | -7.1 | 39.7 | 31.9 | 7.79 | 5.098 | | |
| 1,900.0 | 1,898.6 | 1,900.2 | 1,899.9 | 4.0 | 4.1 | 154.46 | 17.5 | -11.5 | 44.8 | 36.7 | 8.05 | 5.564 | | |
| 2,000.0 | 1,998.0 | 2,000.2 | 1,999.5 | 4.2 | 4.3 | 150.37 | 15.6 | -20.5 | 52.0 | 43.6 | 8.48 | 6.139 | | |
| 2,100.0 | 2,097.3 | 2,100.0 | 2,098.6 | 4.5 | 4.5 | 145.34 | 13.2 | -31.4 | 59.0 | 50.1 | 8.93 | 6.614 | | |
| 2,200.0 | 2,196.7 | 2,199.6 | 2,197.6 | 4.7 | 4.8 | 141.26 | 10.8 | -42.5 | 66.4 | 57.0 | 9.40 | 7.063 | | |
| 2,300.0 | 2,296.0 | 2,299.3 | 2,296.6 | 5.0 | 5.0 | 138.00 | 8.4 | -53.6 | 74.0 | 64.1 | 9.88 | 7.484 | | |
| 2,400.0 | 2,395.4 | 2,398.9 | 2,395.6 | 5.2 | 5.3 | 135.36 | 5.9 | -64.7 | 81.8 | 71.4 | 10.38 | 7.874 | | |
| 2,500.0 | 2,494.8 | 2,498.5 | 2,494.6 | 5.5 | 5.5 | 133.18 | 3.5 | -75.7 | 89.7 | 78.8 | 10.89 | 8.233 | | |
| 2,600.0 | 2,594.1 | 2,598.2 | 2,593.6 | 5.8 | 5.8 | 131.35 | 1.1 | -86.8 | 97.7 | 86.3 | 11.42 | 8.561 | | |
| 2,700.0 | 2,693.5 | 2,697.8 | 2,692.5 | 6.1 | 6.1 | 129.81 | -1.3 | -97.9 | 105.9 | 93.9 | 11.95 | 8.861 | | |
| 2,800.0 | 2,792.8 | 2,797.4 | 2,791.5 | 6.3 | 6.3 | 128.48 | -3.7 | -109.0 | 114.1 | 101.6 | 12.49 | 9.135 | | |
| 2,900.0 | 2,892.2 | 2,897.1 | 2,890.5 | 6.6 | 6.6 | 127.34 | -6.1 | -120.1 | 122.3 | 109.3 | 13.03 | 9.385 | | |
| 3,000.0 | 2,991.5 | 2,996.7 | 2,989.5 | 6.9 | 6.9 | 126.34 | -8.6 | -131.2 | 130.6 | 117.0 | 13.58 | 9.615 | | |
| 3,100.0 | 3,090.9 | 3,096.3 | 3,088.5 | 7.2 | 7.2 | 125.45 | -11.0 | -142.2 | 138.9 | 124.8 | 14.14 | 9.826 | | |
| 3,200.0 | 3,190.2 | 3,196.0 | 3,187.5 | 7.5 | 7.5 | 124.67 | -13.4 | -153.3 | 147.3 | 132.6 | 14.70 | 10.019 | | |
| 3,300.0 | 3,289.6 | 3,295.6 | 3,286.4 | 7.8 | 7.8 | 123.97 | -15.8 | -164.4 | 155.6 | 140.4 | 15.26 | 10.198 | | |
| 3,400.0 | 3,388.9 | 3,395.2 | 3,385.4 | 8.1 | 8.0 | 123.35 | -18.2 | -175.5 | 164.0 | 148.2 | 15.83 | 10.363 | | |
| 3,500.0 | 3,488.3 | 3,495.0 | 3,484.5 | 8.4 | 8.3 | 122.79 | -20.7 | -186.6 | 172.4 | 156.0 | 16.40 | 10.517 | | |
| 3,600.0 | 3,587.6 | 3,595.9 | 3,585.0 | 8.7 | 8.6 | 122.94 | -22.6 | -195.7 | 180.5 | 163.6 | 16.90 | 10.680 | | |
| 3,700.0 | 3,687.0 | 3,696.7 | 3,685.7 | 9.0 | 8.8 | 124.15 | -23.9 | -201.4 | 187.8 | 170.5 | 17.36 | 10.816 | | |
| 3,800.0 | 3,786.3 | 3,797.3 | 3,786.2 | 9.3 | 9.0 | 126.28 | -24.4 | -203.6 | 194.7 | 176.9 | 17.80 | 10.943 | | |
| 3,900.0 | 3,885.7 | 3,896.8 | 3,885.7 | 9.6 | 9.1 | 128.87 | -24.4 | -203.6 | 201.7 | 183.5 | 18.21 | 11.078 | | |
| 4,000.0 | 3,985.0 | 3,996.1 | 3,985.0 | 9.9 | 9.3 | 131.29 | -24.4 | -203.6 | 209.1 | 190.4 | 18.63 | 11.223 | | |
| 4,100.0 | 4,084.4 | 4,095.5 | 4,084.4 | 10.2 | 9.5 | 133.54 | -24.4 | -203.6 | 216.7 | 197.7 | 19.04 | 11.383 | | |
| 4,200.0 | 4,183.7 | 4,194.8 | 4,183.7 | 10.5 | 9.7 | 135.63 | -24.4 | -203.6 | 224.8 | 205.3 | 19.45 | 11.553 | | |
| 4,300.0 | 4,283.1 | 4,294.2 | 4,283.1 | 10.8 | 9.9 | 137.58 | -24.4 | -203.6 | 233.0 | 213.2 | 19.87 | 11.730 | | |
| 4,400.0 | 4,382.4 | 4,393.5 | 4,382.4 | 11.1 | 10.1 | 139.39 | -24.4 | -203.6 | 241.6 | 221.3 | 20.28 | 11.914 | | |
| 4,500.0 | 4,481.8 | 4,492.9 | 4,481.8 | 11.4 | 10.3 | 141.08 | -24.4 | -203.6 | 250.3 | 229.6 | 20.69 | 12.101 | | |
| 4,600.0 | 4,581.1 | 4,592.2 | 4,581.1 | 11.7 | 10.5 | 142.66 | -24.4 | -203.6 | 259.3 | 238.2 | 21.10 | 12.290 | | |
| 4,693.9 | 4,674.4 | 4,685.5 | 4,674.4 | 12.0 | 10.7 | 144.04 | -24.4 | -203.6 | 267.9 | 246.4 | 21.48 | 12.469 | | |
| 4,700.0 | 4,680.5 | 4,691.6 | 4,680.5 | 12.0 | 10.7 | 144.13 | -24.4 | -203.6 | 268.4 | 246.9 | 21.51 | 12.480 | | |
| 4,800.0 | 4,780.1 | 4,791.1 | 4,780.1 | 12.2 | 10.9 | 145.36 | -24.4 | -203.6 | 276.1 | 254.2 | 21.91 | 12.606 | | |
| 4,900.0 | 4,879.9 | 4,890.9 | 4,879.9 | 12.4 | 11.1 | 146.10 | -24.4 | -203.6 | 281.0 | 258.8 | 22.29 | 12.607 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | | |
| 5,000.0 | 4,979.8 | 4,990.9 | 4,979.8 | 12.6 | 11.3 | 146.40 | -24.4 | -203.6 | 283.1 | 260.4 | 22.67 | 12.487 | | |
| 5,020.2 | 5,000.0 | 5,011.1 | 5,000.0 | 12.6 | 11.4 | -0.22 | -24.4 | -203.6 | 283.1 | 260.3 | 22.87 | 12.379 | | |
| 5,100.0 | 5,079.8 | 5,090.9 | 5,079.8 | 12.8 | 11.5 | -0.22 | -24.4 | -203.6 | 283.1 | 260.0 | 23.19 | 12.210 | | |
| 5,200.0 | 5,179.8 | 5,190.9 | 5,179.8 | 13.0 | 11.8 | -0.22 | -24.4 | -203.6 | 283.1 | 259.6 | 23.58 | 12.009 | | |
| 5,300.0 | 5,279.8 | 5,290.9 | 5,279.8 | 13.1 | 12.0 | -0.22 | -24.4 | -203.6 | 283.1 | 259.2 | 23.97 | 11.814 | | |
| 5,400.0 | 5,379.8 | 5,390.9 | 5,379.8 | 13.3 | 12.2 | -0.22 | -24.4 | -203.6 | 283.1 | 258.8 | 24.36 | 11.624 | | |
| 5,500.0 | 5,479.8 | 5,490.9 | 5,479.8 | 13.5 | 12.4 | -0.22 | -24.4 | -203.6 | 283.1 | 258.4 | 24.75 | 11.439 | | |
| 5,600.0 | 5,579.8 | 5,590.9 | 5,579.8 | 13.6 | 12.6 | -0.22 | -24.4 | -203.6 | 283.1 | 258.0 | 25.15 | 11.259 | | |
| 5,700.0 | 5,679.8 | 5,690.9 | 5,679.8 | 13.8 | 12.8 | -0.22 | -24.4 | -203.6 | 283.1 | 257.6 | 25.55 | 11.083 | | |
| 5,800.0 | 5,779.8 | 5,790.9 | 5,779.8 | 14.0 | 13.0 | -0.22 | -24.4 | -203.6 | 283.1 | 257.2 | 25.95 | 10.913 | | |
| 5,900.0 | 5,879.8 | 5,890.9 | 5,879.8 | 14.2 | 13.2 | -0.22 | -24.4 | -203.6 | 283.1 | 256.8 | 26.35 | 10.747 | | |
| 6,000.0 | 5,979.8 | 5,990.9 | 5,979.8 | 14.3 | 13.4 | -0.22 | -24.4 | -203.6 | 283.1 | 256.4 | 26.75 | 10.586 | | |
| 6,100.0 | 6,079.8 | 6,090.9 | 6,079.8 | 14.5 | 13.6 | -0.22 | -24.4 | -203.6 | 283.1 | 256.0 | 27.15 | 10.428 | | |
| 6,204.0 | 6,183.8 | 6,194.9 | 6,183.8 | 14.7 | 13.9 | -0.22 | -24.4 | -203.6 | 283.1 | 255.6 | 27.57 | 10.269 | | |
| 6,250.0 | 6,229.8 | 6,240.9 | 6,229.8 | 14.8 | 14.0 | -89.85 | -24.4 | -203.6 | 283.1 | 255.4 | 27.70 | 10.221 | | |
| 6,260.4 | 6,240.2 | 6,251.2 | 6,240.2 | 14.8 | 14.0 | -90.00 | -24.4 | -203.6 | 283.1 | 255.4 | 27.74 | 10.206 | | |
| 6,300.0 | 6,279.5 | 6,290.6 | 6,279.5 | 14.8 | 14.1 | -90.84 | -24.4 | -203.6 | 283.2 | 255.3 | 27.91 | 10.146 | | |
| 6,350.0 | 6,328.8 | 6,339.9 | 6,328.8 | 14.9 | 14.2 | -92.50 | -24.4 | -203.6 | 283.4 | 255.3 | 28.12 | 10.078 | | |
| 6,400.0 | 6,377.4 | 6,388.5 | 6,377.4 | 15.0 | 14.3 | -94.75 | -24.4 | -203.6 | 284.2 | 255.9 | 28.33 | 10.031 | | |
| 6,450.0 | 6,425.0 | 6,436.1 | 6,425.0 | 15.0 | 14.4 | -97.51 | -24.4 | -203.6 | 285.9 | 257.4 | 28.52 | 10.023 | | |
| 6,500.0 | 6,471.5 | 6,482.6 | 6,471.5 | 15.0 | 14.5 | -100.64 | -24.4 | -203.6 | 289.0 | 260.3 | 28.68 | 10.077 | | |
| 6,550.0 | 6,516.5 | 6,529.2 | 6,516.5 | 15.0 | 14.6 | -104.12 | -24.4 | -203.5 | 294.1 | 265.3 | 28.78 | 10.219 | | |
| 6,600.0 | 6,560.0 | 6,580.4 | 6,560.0 | 15.1 | 14.7 | -107.87 | -24.3 | -200.6 | 300.9 | 272.1 | 28.79 | 10.453 | | |
| 6,650.0 | 6,601.6 | 6,633.7 | 6,601.6 | 15.1 | 14.7 | -111.47 | -24.2 | -193.8 | 309.1 | 280.5 | 28.69 | 10.777 | | |
| 6,700.0 | 6,641.1 | 6,689.1 | 6,641.1 | 15.1 | 14.8 | -114.92 | -24.1 | -182.5 | 318.6 | 290.1 | 28.48 | 11.187 | | |
| 6,750.0 | 6,678.5 | 6,746.9 | 6,678.5 | 15.1 | 14.9 | -118.18 | -23.9 | -166.3 | 329.0 | 300.8 | 28.17 | 11.679 | | |
| 6,800.0 | 6,713.4 | 6,807.3 | 6,713.4 | 15.2 | 15.0 | -121.24 | -23.7 | -144.7 | 340.1 | 312.3 | 27.78 | 12.244 | | |
| 6,850.0 | 6,745.7 | 6,870.7 | 6,745.7 | 15.2 | 15.0 | -124.10 | -23.4 | -117.0 | 351.7 | 324.3 | 27.33 | 12.868 | | |
| 6,900.0 | 6,775.3 | 6,937.1 | 6,775.3 | 15.3 | 15.2 | -126.74 | -23.0 | -82.7 | 363.4 | 336.5 | 26.86 | 13.529 | | |
| 6,950.0 | 6,802.1 | 7,006.8 | 6,802.1 | 15.8 | 15.3 | -129.15 | -22.5 | -41.2 | 374.9 | 348.5 | 26.42 | 14.194 | | |
| 7,000.0 | 6,825.8 | 7,079.9 | 6,825.8 | 16.3 | 15.6 | -131.32 | -21.9 | 7.9 | 386.0 | 360.0 | 26.06 | 14.811 | | |
| 7,050.0 | 6,846.4 | 7,156.5 | 6,846.4 | 17.0 | 16.0 | -133.24 | -21.2 | 65.1 | 396.4 | 370.5 | 25.87 | 15.324 | | |
| 7,100.0 | 6,863.7 | 7,236.5 | 6,863.7 | 17.7 | 16.6 | -134.88 | -20.5 | 130.2 | 405.6 | 379.7 | 25.91 | 15.655 | | |
| 7,150.0 | 6,877.8 | 7,319.7 | 6,877.8 | 18.5 | 17.4 | -136.24 | -19.6 | 202.9 | 413.6 | 387.3 | 26.27 | 15.745 | | |
| 7,200.0 | 6,888.4 | 7,405.7 | 6,888.4 | 19.3 | 18.5 | -137.29 | -18.7 | 282.5 | 419.8 | 392.9 | 26.99 | 15.555 | | |
| 7,250.0 | 6,895.7 | 7,493.9 | 6,895.7 | 20.2 | 19.9 | -138.03 | -17.7 | 367.6 | 424.3 | 396.2 | 28.13 | 15.086 | | |
| 7,300.0 | 6,899.4 | 7,583.6 | 6,899.4 | 21.2 | 21.5 | -138.43 | -16.7 | 456.3 | 426.8 | 397.1 | 29.67 | 14.383 | | |
| 7,329.0 | 6,900.0 | 7,635.9 | 6,900.0 | 21.8 | 22.5 | -138.50 | -16.1 | 508.6 | 427.2 | 396.5 | 30.74 | 13.898 | | |
| 7,400.0 | 6,900.0 | 7,708.7 | 6,900.0 | 23.2 | 23.9 | -138.51 | -15.2 | 581.4 | 427.2 | 394.4 | 32.78 | 13.031 | | |
| 7,500.0 | 6,900.0 | 7,808.7 | 6,900.0 | 25.4 | 26.1 | -138.51 | -14.1 | 681.4 | 427.2 | 391.4 | 35.79 | 11.937 | | |
| 7,600.0 | 6,900.0 | 7,908.7 | 6,900.0 | 27.7 | 28.3 | -138.51 | -12.9 | 781.4 | 427.2 | 388.3 | 38.95 | 10.969 | | |
| 7,700.0 | 6,900.0 | 8,008.7 | 6,900.0 | 30.1 | 30.7 | -138.51 | -11.7 | 881.4 | 427.2 | 385.0 | 42.22 | 10.118 | | |
| 7,800.0 | 6,900.0 | 8,108.7 | 6,900.0 | 32.5 | 33.1 | -138.51 | -10.6 | 981.4 | 427.2 | 381.6 | 45.59 | 9.370 | | |
| 7,900.0 | 6,900.0 | 8,208.7 | 6,900.0 | 35.0 | 35.5 | -138.51 | -9.4 | 1,081.3 | 427.2 | 378.2 | 49.04 | 8.712 | | |
| 8,000.0 | 6,900.0 | 8,308.7 | 6,900.0 | 37.6 | 38.0 | -138.51 | -8.2 | 1,181.3 | 427.2 | 374.7 | 52.54 | 8.131 | | |
| 8,100.0 | 6,900.0 | 8,408.7 | 6,900.0 | 40.1 | 40.6 | -138.51 | -7.1 | 1,281.3 | 427.2 | 371.1 | 56.09 | 7.617 | | |
| 8,200.0 | 6,900.0 | 8,508.7 | 6,900.0 | 42.7 | 43.2 | -138.51 | -5.9 | 1,381.3 | 427.2 | 367.5 | 59.67 | 7.158 | | |
| 8,300.0 | 6,900.0 | 8,608.7 | 6,900.0 | 45.4 | 45.8 | -138.51 | -4.7 | 1,481.3 | 427.2 | 363.9 | 63.30 | 6.749 | | |
| 8,400.0 | 6,900.0 | 8,708.7 | 6,900.0 | 48.0 | 48.4 | -138.51 | -3.6 | 1,581.3 | 427.2 | 360.2 | 66.94 | 6.381 | | |
| 8,500.0 | 6,900.0 | 8,808.7 | 6,900.0 | 50.7 | 51.1 | -138.52 | -2.4 | 1,681.3 | 427.2 | 356.5 | 70.62 | 6.049 | | |
| 8,600.0 | 6,900.0 | 8,908.7 | 6,900.0 | 53.4 | 53.7 | -138.52 | -1.3 | 1,781.3 | 427.2 | 352.8 | 74.31 | 5.748 | | |
| 8,700.0 | 6,900.0 | 9,008.7 | 6,900.0 | 56.1 | 56.4 | -138.52 | -0.1 | 1,881.3 | 427.1 | 349.1 | 78.02 | 5.475 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | 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 | |
| 8,800.0 | 6,900.0 | 9,108.7 | 7,220.0 | 58.8 | 59.1 | -138.52 | 1.1 | 1,981.3 | 427.1 | 345.4 | 81.74 | 5.226 | |
| 8,900.0 | 6,900.0 | 9,208.7 | 7,220.0 | 61.5 | 61.8 | -138.52 | 2.2 | 2,081.3 | 427.1 | 341.7 | 85.47 | 4.997 | |
| 9,000.0 | 6,900.0 | 9,308.7 | 7,220.0 | 64.2 | 64.5 | -138.52 | 3.4 | 2,181.3 | 427.1 | 337.9 | 89.22 | 4.787 | |
| 9,100.0 | 6,900.0 | 9,408.7 | 7,220.0 | 66.9 | 67.2 | -138.52 | 4.6 | 2,281.3 | 427.1 | 334.1 | 92.98 | 4.594 | |
| 9,200.0 | 6,900.0 | 9,508.7 | 7,220.0 | 69.7 | 70.0 | -138.52 | 5.7 | 2,381.3 | 427.1 | 330.4 | 96.74 | 4.415 | |
| 9,300.0 | 6,900.0 | 9,608.7 | 7,220.0 | 72.4 | 72.7 | -138.52 | 6.9 | 2,481.3 | 427.1 | 326.6 | 100.51 | 4.249 | |
| 9,400.0 | 6,900.0 | 9,708.7 | 7,220.0 | 75.1 | 75.4 | -138.52 | 8.1 | 2,581.2 | 427.1 | 322.8 | 104.29 | 4.095 | |
| 9,500.0 | 6,900.0 | 9,808.7 | 7,220.0 | 77.9 | 78.2 | -138.52 | 9.2 | 2,681.2 | 427.1 | 319.0 | 108.08 | 3.952 | |
| 9,600.0 | 6,900.0 | 9,908.7 | 7,220.0 | 80.6 | 80.9 | -138.53 | 10.4 | 2,781.2 | 427.1 | 315.2 | 111.87 | 3.818 | |
| 9,700.0 | 6,900.0 | 10,008.7 | 7,220.0 | 83.4 | 83.7 | -138.53 | 11.5 | 2,881.2 | 427.1 | 311.4 | 115.66 | 3.693 | |
| 9,800.0 | 6,900.0 | 10,108.7 | 7,220.0 | 86.2 | 86.4 | -138.53 | 12.7 | 2,981.2 | 427.1 | 307.6 | 119.46 | 3.575 | |
| 9,900.0 | 6,900.0 | 10,208.7 | 7,220.0 | 88.9 | 89.2 | -138.53 | 13.9 | 3,081.2 | 427.1 | 303.8 | 123.26 | 3.465 | |
| 10,000.0 | 6,900.0 | 10,308.7 | 7,220.0 | 91.7 | 91.9 | -138.53 | 15.0 | 3,181.2 | 427.1 | 300.0 | 127.07 | 3.361 | |
| 10,100.0 | 6,900.0 | 10,408.7 | 7,220.0 | 94.4 | 94.7 | -138.53 | 16.2 | 3,281.2 | 427.1 | 296.2 | 130.88 | 3.263 | |
| 10,200.0 | 6,900.0 | 10,508.7 | 7,220.0 | 97.2 | 97.5 | -138.53 | 17.4 | 3,381.2 | 427.1 | 292.4 | 134.69 | 3.171 | |
| 10,300.0 | 6,900.0 | 10,608.7 | 7,220.0 | 100.0 | 100.2 | -138.53 | 18.5 | 3,481.2 | 427.1 | 288.5 | 138.51 | 3.083 | |
| 10,400.0 | 6,900.0 | 10,708.7 | 7,220.0 | 102.8 | 103.0 | -138.53 | 19.7 | 3,581.2 | 427.0 | 284.7 | 142.33 | 3.000 | |
| 10,500.0 | 6,900.0 | 10,808.7 | 7,220.0 | 105.5 | 105.8 | -138.53 | 20.9 | 3,681.2 | 427.0 | 280.9 | 146.15 | 2.922 | |
| 10,600.0 | 6,900.0 | 10,908.7 | 7,220.0 | 108.3 | 108.5 | -138.53 | 22.0 | 3,781.2 | 427.0 | 277.1 | 149.97 | 2.847 | |
| 10,700.0 | 6,900.0 | 11,008.7 | 7,220.0 | 111.1 | 111.3 | -138.54 | 23.2 | 3,881.2 | 427.0 | 273.2 | 153.80 | 2.777 | |
| 10,800.0 | 6,900.0 | 11,108.7 | 7,220.0 | 113.9 | 114.1 | -138.54 | 24.4 | 3,981.2 | 427.0 | 269.4 | 157.62 | 2.709 | |
| 10,900.0 | 6,900.0 | 11,208.7 | 7,220.0 | 116.6 | 116.9 | -138.54 | 25.5 | 4,081.1 | 427.0 | 265.6 | 161.45 | 2.645 | |
| 11,000.0 | 6,900.0 | 11,308.7 | 7,220.0 | 119.4 | 119.6 | -138.54 | 26.7 | 4,181.1 | 427.0 | 261.7 | 165.28 | 2.584 | |
| 11,100.0 | 6,900.0 | 11,408.7 | 7,220.0 | 122.2 | 122.4 | -138.54 | 27.8 | 4,281.1 | 427.0 | 257.9 | 169.11 | 2.525 | |
| 11,200.0 | 6,900.0 | 11,508.7 | 7,220.0 | 125.0 | 125.2 | -138.54 | 29.0 | 4,381.1 | 427.0 | 254.1 | 172.94 | 2.469 | |
| 11,300.0 | 6,900.0 | 11,608.7 | 7,220.0 | 127.8 | 128.0 | -138.54 | 30.2 | 4,481.1 | 427.0 | 250.2 | 176.78 | 2.415 | |
| 11,403.5 | 6,900.0 | 11,712.2 | 7,220.0 | 130.7 | 130.9 | -138.54 | 31.4 | 4,584.6 | 427.0 | 246.2 | 180.75 | 2.362 SF | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | 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 | 176.689 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 0.00 | 39.7 | 0.0 | 39.7 | 39.0 | 0.67 | 58.896 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | 0.00 | 39.7 | 0.0 | 39.7 | 38.6 | 1.12 | 35.338 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | 0.00 | 39.7 | 0.0 | 39.7 | 38.1 | 1.57 | 25.241 | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | 0.00 | 39.7 | 0.0 | 39.7 | 37.7 | 2.02 | 19.632 | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | 0.00 | 39.7 | 0.0 | 39.7 | 37.2 | 2.47 | 16.063 | | |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.5 | 1.5 | 0.00 | 39.7 | 0.0 | 39.7 | 36.8 | 2.92 | 13.591 | | |
| 800.0 | 800.0 | 800.0 | 800.0 | 1.7 | 1.7 | 0.00 | 39.7 | 0.0 | 39.7 | 36.3 | 3.37 | 11.779 | | |
| 900.0 | 900.0 | 900.0 | 900.0 | 1.9 | 1.9 | 0.00 | 39.7 | 0.0 | 39.7 | 35.9 | 3.82 | 10.393 | | |
| 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 | 9.299 | | |
| 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 | 8.414 | | |
| 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 | 7.682 | | |
| 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 | 7.068 | | |
| 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 | 6.544 CC, ES | | |
| 1,500.0 | 1,500.0 | 1,500.0 | 1,500.0 | 3.2 | 3.3 | 147.64 | 39.7 | 0.0 | 40.8 | 34.3 | 6.49 | 6.287 | | |
| 1,600.0 | 1,599.9 | 1,599.9 | 1,599.9 | 3.4 | 3.5 | 150.34 | 39.7 | 0.0 | 44.2 | 37.3 | 6.89 | 6.411 | | |
| 1,700.0 | 1,699.7 | 1,699.7 | 1,699.7 | 3.6 | 3.7 | 154.01 | 39.7 | 0.0 | 50.0 | 42.7 | 7.29 | 6.850 | | |
| 1,800.0 | 1,799.3 | 1,799.3 | 1,799.3 | 3.8 | 3.9 | 157.90 | 39.7 | 0.0 | 58.3 | 50.6 | 7.70 | 7.578 | | |
| 1,835.0 | 1,834.1 | 1,834.1 | 1,834.1 | 3.9 | 4.0 | 159.21 | 39.7 | 0.0 | 61.9 | 54.1 | 7.84 | 7.895 | | |
| 1,900.0 | 1,898.6 | 1,898.6 | 1,898.6 | 4.0 | 4.2 | 161.39 | 39.7 | 0.0 | 68.9 | 60.7 | 8.11 | 8.490 | | |
| 2,000.0 | 1,998.0 | 1,998.0 | 1,998.0 | 4.2 | 4.4 | 164.00 | 39.7 | 0.0 | 79.7 | 71.2 | 8.53 | 9.345 | | |
| 2,100.0 | 2,097.3 | 2,097.3 | 2,097.3 | 4.5 | 4.6 | 165.98 | 39.7 | 0.0 | 90.7 | 81.7 | 8.95 | 10.129 | | |
| 2,200.0 | 2,196.7 | 2,196.7 | 2,196.7 | 4.7 | 4.8 | 167.53 | 39.7 | 0.0 | 101.8 | 92.4 | 9.38 | 10.847 | | |
| 2,300.0 | 2,296.0 | 2,296.0 | 2,296.0 | 5.0 | 5.0 | 168.77 | 39.7 | 0.0 | 112.9 | 103.1 | 9.81 | 11.506 | | |
| 2,400.0 | 2,395.4 | 2,395.4 | 2,395.4 | 5.2 | 5.3 | 169.79 | 39.7 | 0.0 | 124.1 | 113.8 | 10.24 | 12.110 | | |
| 2,500.0 | 2,494.8 | 2,497.3 | 2,497.3 | 5.5 | 5.5 | 170.31 | 39.2 | -1.1 | 134.4 | 123.7 | 10.67 | 12.599 | | |
| 2,600.0 | 2,594.1 | 2,599.6 | 2,599.5 | 5.8 | 5.7 | 170.00 | 37.7 | -4.8 | 142.8 | 131.7 | 11.07 | 12.890 | | |
| 2,700.0 | 2,693.5 | 2,702.2 | 2,701.9 | 6.1 | 5.9 | 169.00 | 35.0 | -11.0 | 149.2 | 137.7 | 11.49 | 12.981 | | |
| 2,800.0 | 2,792.8 | 2,804.9 | 2,804.1 | 6.3 | 6.1 | 167.35 | 31.3 | -19.7 | 153.8 | 141.9 | 11.93 | 12.898 | | |
| 2,900.0 | 2,892.2 | 2,904.9 | 2,903.6 | 6.6 | 6.3 | 165.43 | 27.0 | -29.6 | 157.5 | 145.2 | 12.37 | 12.737 | | |
| 3,000.0 | 2,991.5 | 3,004.7 | 3,002.8 | 6.9 | 6.5 | 163.60 | 22.8 | -39.5 | 161.4 | 148.6 | 12.82 | 12.590 | | |
| 3,100.0 | 3,090.9 | 3,104.5 | 3,102.0 | 7.2 | 6.7 | 161.85 | 18.5 | -49.4 | 165.4 | 152.1 | 13.28 | 12.455 | | |
| 3,200.0 | 3,190.2 | 3,204.3 | 3,201.2 | 7.5 | 7.0 | 160.19 | 14.3 | -59.3 | 169.6 | 155.8 | 13.75 | 12.331 | | |
| 3,300.0 | 3,289.6 | 3,304.1 | 3,300.4 | 7.8 | 7.2 | 158.61 | 10.0 | -69.2 | 173.9 | 159.6 | 14.23 | 12.216 | | |
| 3,400.0 | 3,388.9 | 3,403.9 | 3,399.6 | 8.1 | 7.5 | 157.11 | 5.8 | -79.1 | 178.3 | 163.6 | 14.72 | 12.111 | | |
| 3,500.0 | 3,488.3 | 3,503.4 | 3,498.6 | 8.4 | 7.7 | 155.69 | 1.6 | -89.0 | 182.8 | 167.6 | 15.22 | 12.015 | | |
| 3,600.0 | 3,587.6 | 3,600.0 | 3,594.8 | 8.7 | 7.9 | 154.86 | -1.8 | -96.8 | 188.5 | 172.8 | 15.68 | 12.019 | | |
| 3,700.0 | 3,687.0 | 3,696.3 | 3,690.9 | 9.0 | 8.1 | 154.91 | -3.9 | -101.7 | 195.9 | 179.8 | 16.13 | 12.149 | | |
| 3,800.0 | 3,786.3 | 3,792.2 | 3,786.8 | 9.3 | 8.3 | 155.72 | -4.7 | -103.6 | 205.1 | 188.6 | 16.54 | 12.402 | | |
| 3,900.0 | 3,885.7 | 3,891.1 | 3,885.7 | 9.6 | 8.5 | 156.94 | -4.7 | -103.6 | 215.5 | 198.6 | 16.95 | 12.714 | | |
| 4,000.0 | 3,985.0 | 3,990.4 | 3,985.0 | 9.9 | 8.7 | 158.07 | -4.7 | -103.6 | 226.0 | 208.7 | 17.38 | 13.004 | | |
| 4,100.0 | 4,084.4 | 4,089.8 | 4,084.4 | 10.2 | 8.9 | 159.10 | -4.7 | -103.6 | 236.6 | 218.8 | 17.82 | 13.282 | | |
| 4,200.0 | 4,183.7 | 4,189.1 | 4,183.7 | 10.5 | 9.2 | 160.04 | -4.7 | -103.6 | 247.3 | 229.0 | 18.25 | 13.550 | | |
| 4,300.0 | 4,283.1 | 4,288.5 | 4,283.1 | 10.8 | 9.4 | 160.90 | -4.7 | -103.6 | 258.0 | 239.3 | 18.69 | 13.807 | | |
| 4,400.0 | 4,382.4 | 4,387.8 | 4,382.4 | 11.1 | 9.6 | 161.69 | -4.7 | -103.6 | 268.8 | 249.7 | 19.13 | 14.054 | | |
| 4,500.0 | 4,481.8 | 4,487.2 | 4,481.8 | 11.4 | 9.8 | 162.42 | -4.7 | -103.6 | 279.6 | 260.0 | 19.56 | 14.291 | | |
| 4,600.0 | 4,581.1 | 4,586.5 | 4,581.1 | 11.7 | 10.0 | 163.10 | -4.7 | -103.6 | 290.5 | 270.5 | 20.00 | 14.519 | | |
| 4,693.9 | 4,674.4 | 4,679.8 | 4,674.4 | 12.0 | 10.2 | 163.69 | -4.7 | -103.6 | 300.7 | 280.3 | 20.42 | 14.726 | | |
| 4,700.0 | 4,680.5 | 4,685.9 | 4,680.5 | 12.0 | 10.2 | 163.73 | -4.7 | -103.6 | 301.4 | 280.9 | 20.45 | 14.738 | | |
| 4,800.0 | 4,780.1 | 4,785.4 | 4,780.1 | 12.2 | 10.4 | 164.27 | -4.7 | -103.6 | 310.4 | 289.5 | 20.89 | 14.860 | | |
| 4,900.0 | 4,879.9 | 4,885.3 | 4,879.9 | 12.4 | 10.7 | 164.59 | -4.7 | -103.6 | 316.1 | 294.8 | 21.31 | 14.836 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | | |
| 5,000.0 | 4,979.8 | 4,985.2 | 4,979.8 | 12.6 | 10.9 | 164.72 | -4.7 | -103.6 | 318.5 | 296.8 | 21.70 | 14.675 | | |
| 5,020.2 | 5,000.0 | 5,005.4 | 5,000.0 | 12.6 | 10.9 | 18.09 | -4.7 | -103.6 | 318.6 | 295.2 | 23.34 | 13.650 | | |
| 5,100.0 | 5,079.8 | 5,085.2 | 5,079.8 | 12.8 | 11.1 | 18.09 | -4.7 | -103.6 | 318.6 | 294.9 | 23.65 | 13.469 | | |
| 5,200.0 | 5,179.8 | 5,185.2 | 5,179.8 | 13.0 | 11.3 | 18.09 | -4.7 | -103.6 | 318.6 | 294.5 | 24.04 | 13.252 | | |
| 5,300.0 | 5,279.8 | 5,285.2 | 5,279.8 | 13.1 | 11.5 | 18.09 | -4.7 | -103.6 | 318.6 | 294.1 | 24.43 | 13.041 | | |
| 5,400.0 | 5,379.8 | 5,385.2 | 5,379.8 | 13.3 | 11.8 | 18.09 | -4.7 | -103.6 | 318.6 | 293.7 | 24.82 | 12.836 | | |
| 5,500.0 | 5,479.8 | 5,485.2 | 5,479.8 | 13.5 | 12.0 | 18.09 | -4.7 | -103.6 | 318.6 | 293.3 | 25.21 | 12.636 | | |
| 5,600.0 | 5,579.8 | 5,585.2 | 5,579.8 | 13.6 | 12.2 | 18.09 | -4.7 | -103.6 | 318.6 | 293.0 | 25.60 | 12.441 | | |
| 5,700.0 | 5,679.8 | 5,685.2 | 5,679.8 | 13.8 | 12.4 | 18.09 | -4.7 | -103.6 | 318.6 | 292.6 | 26.00 | 12.252 | | |
| 5,800.0 | 5,779.8 | 5,785.2 | 5,779.8 | 14.0 | 12.6 | 18.09 | -4.7 | -103.6 | 318.6 | 292.2 | 26.40 | 12.067 | | |
| 5,900.0 | 5,879.8 | 5,885.2 | 5,879.8 | 14.2 | 12.9 | 18.09 | -4.7 | -103.6 | 318.6 | 291.8 | 26.80 | 11.888 | | |
| 6,000.0 | 5,979.8 | 5,985.2 | 5,979.8 | 14.3 | 13.1 | 18.09 | -4.7 | -103.6 | 318.6 | 291.4 | 27.20 | 11.713 | | |
| 6,100.0 | 6,079.8 | 6,085.2 | 6,079.8 | 14.5 | 13.3 | 18.09 | -4.7 | -103.6 | 318.6 | 291.0 | 27.60 | 11.542 | | |
| 6,204.0 | 6,183.8 | 6,189.2 | 6,183.8 | 14.7 | 13.5 | 18.09 | -4.7 | -103.6 | 318.6 | 290.5 | 28.02 | 11.370 | | |
| 6,250.0 | 6,229.8 | 6,229.5 | 6,224.1 | 14.8 | 13.6 | -71.27 | -4.7 | -102.5 | 318.5 | 291.6 | 26.89 | 11.845 | | |
| 6,300.0 | 6,279.5 | 6,273.2 | 6,267.6 | 14.8 | 13.7 | -71.38 | -4.6 | -98.7 | 318.3 | 291.3 | 27.02 | 11.779 | | |
| 6,350.0 | 6,328.8 | 6,317.0 | 6,311.0 | 14.9 | 13.8 | -71.56 | -4.6 | -92.2 | 318.0 | 290.8 | 27.13 | 11.718 | | |
| 6,400.0 | 6,377.4 | 6,360.9 | 6,353.9 | 15.0 | 13.8 | -71.82 | -4.4 | -83.1 | 317.5 | 290.3 | 27.23 | 11.658 | | |
| 6,450.0 | 6,425.0 | 6,404.8 | 6,396.2 | 15.0 | 13.9 | -72.16 | -4.3 | -71.4 | 316.9 | 289.6 | 27.33 | 11.597 | | |
| 6,500.0 | 6,471.5 | 6,450.0 | 6,438.9 | 15.0 | 14.0 | -72.57 | -4.1 | -56.6 | 316.2 | 288.8 | 27.42 | 11.531 | | |
| 6,550.0 | 6,516.5 | 6,493.0 | 6,478.6 | 15.0 | 14.1 | -73.05 | -3.9 | -40.1 | 315.4 | 287.9 | 27.53 | 11.458 | | |
| 6,600.0 | 6,560.0 | 6,537.3 | 6,518.4 | 15.1 | 14.2 | -73.60 | -3.7 | -20.7 | 314.5 | 286.8 | 27.66 | 11.369 | | |
| 6,650.0 | 6,601.6 | 6,581.8 | 6,557.0 | 15.1 | 14.3 | -74.23 | -3.4 | 1.3 | 313.5 | 285.7 | 27.84 | 11.260 | | |
| 6,700.0 | 6,641.1 | 6,626.4 | 6,594.4 | 15.1 | 14.4 | -74.92 | -3.1 | 25.7 | 312.5 | 284.4 | 28.09 | 11.126 | | |
| 6,750.0 | 6,678.5 | 6,671.2 | 6,630.3 | 15.1 | 14.6 | -75.69 | -2.8 | 52.6 | 311.4 | 283.0 | 28.41 | 10.961 | | |
| 6,800.0 | 6,713.4 | 6,716.3 | 6,664.6 | 15.2 | 14.7 | -76.53 | -2.5 | 81.8 | 310.3 | 281.5 | 28.83 | 10.761 | | |
| 6,850.0 | 6,745.7 | 6,761.6 | 6,697.2 | 15.2 | 15.0 | -77.42 | -2.1 | 113.2 | 309.2 | 279.8 | 29.38 | 10.523 | | |
| 6,900.0 | 6,775.3 | 6,807.2 | 6,727.9 | 15.3 | 15.3 | -78.39 | -1.7 | 146.9 | 308.1 | 278.0 | 30.06 | 10.247 | | |
| 6,950.0 | 6,802.1 | 6,853.1 | 6,756.6 | 15.8 | 15.6 | -79.41 | -1.3 | 182.6 | 307.0 | 276.1 | 30.90 | 9.936 | | |
| 7,000.0 | 6,825.8 | 6,900.0 | 6,783.5 | 16.3 | 16.1 | -80.50 | -0.8 | 221.1 | 306.0 | 274.1 | 31.90 | 9.591 | | |
| 7,050.0 | 6,846.4 | 6,945.8 | 6,807.3 | 17.0 | 16.5 | -81.61 | -0.3 | 260.2 | 305.0 | 272.0 | 33.06 | 9.226 | | |
| 7,100.0 | 6,863.7 | 6,992.6 | 6,829.0 | 17.7 | 17.1 | -82.79 | 0.2 | 301.7 | 304.2 | 269.8 | 34.39 | 8.844 | | |
| 7,150.0 | 6,877.8 | 7,039.9 | 6,848.1 | 18.5 | 17.8 | -84.01 | 0.7 | 344.9 | 303.4 | 267.5 | 35.88 | 8.457 | | |
| 7,200.0 | 6,888.4 | 7,087.5 | 6,864.4 | 19.3 | 18.5 | -85.26 | 1.2 | 389.6 | 302.8 | 265.3 | 37.51 | 8.073 | | |
| 7,250.0 | 6,895.7 | 7,135.6 | 6,877.8 | 20.2 | 19.3 | -86.55 | 1.8 | 435.8 | 302.3 | 263.1 | 39.26 | 7.700 | | |
| 7,300.0 | 6,899.4 | 7,184.1 | 6,888.2 | 21.2 | 20.1 | -87.86 | 2.3 | 483.1 | 302.0 | 260.9 | 41.13 | 7.342 | | |
| 7,329.0 | 6,900.0 | 7,212.4 | 6,892.8 | 21.8 | 20.6 | -88.63 | 2.7 | 511.1 | 301.9 | 259.6 | 42.25 | 7.144 | | |
| 7,389.8 | 6,900.0 | 7,272.5 | 6,898.8 | 23.0 | 21.8 | -89.77 | 3.4 | 570.9 | 301.8 | 257.1 | 44.70 | 6.751 | | |
| 7,400.0 | 6,900.0 | 7,282.7 | 6,899.3 | 23.2 | 22.0 | -89.87 | 3.5 | 581.1 | 301.8 | 256.7 | 45.12 | 6.689 | | |
| 7,500.0 | 6,900.0 | 7,382.7 | 6,900.0 | 25.4 | 24.1 | -90.00 | 4.7 | 681.1 | 301.8 | 252.4 | 49.38 | 6.112 | | |
| 7,600.0 | 6,900.0 | 7,482.7 | 6,900.0 | 27.7 | 26.3 | -90.00 | 5.9 | 781.1 | 301.8 | 248.0 | 53.88 | 5.602 | | |
| 7,700.0 | 6,900.0 | 7,582.7 | 6,900.0 | 30.1 | 28.6 | -90.00 | 7.1 | 881.0 | 301.9 | 243.3 | 58.58 | 5.153 | | |
| 7,800.0 | 6,900.0 | 7,682.7 | 6,900.0 | 32.5 | 31.0 | -90.00 | 8.3 | 981.0 | 301.9 | 238.5 | 63.42 | 4.760 | | |
| 7,900.0 | 6,900.0 | 7,782.7 | 6,900.0 | 35.0 | 33.5 | -90.00 | 9.5 | 1,081.0 | 301.9 | 233.5 | 68.38 | 4.415 | | |
| 8,000.0 | 6,900.0 | 7,882.7 | 6,900.0 | 37.6 | 36.0 | -90.00 | 10.7 | 1,181.0 | 301.9 | 228.5 | 73.44 | 4.111 | | |
| 8,100.0 | 6,900.0 | 7,982.7 | 6,900.0 | 40.1 | 38.5 | -90.00 | 11.9 | 1,281.0 | 302.0 | 223.4 | 78.57 | 3.843 | | |
| 8,200.0 | 6,900.0 | 8,082.7 | 6,900.0 | 42.7 | 41.1 | -90.00 | 13.1 | 1,381.0 | 302.0 | 218.2 | 83.76 | 3.605 | | |
| 8,300.0 | 6,900.0 | 8,182.7 | 6,900.0 | 45.4 | 43.7 | -90.00 | 14.3 | 1,481.0 | 302.0 | 213.0 | 89.00 | 3.393 | | |
| 8,400.0 | 6,900.0 | 8,282.7 | 6,900.0 | 48.0 | 46.3 | -90.00 | 15.5 | 1,581.0 | 302.0 | 207.7 | 94.29 | 3.203 | | |
| 8,500.0 | 6,900.0 | 8,382.7 | 6,900.0 | 50.7 | 49.0 | -90.00 | 16.7 | 1,681.0 | 302.1 | 202.4 | 99.61 | 3.032 | | |
| 8,600.0 | 6,900.0 | 8,482.7 | 6,900.0 | 53.4 | 51.7 | -90.00 | 17.9 | 1,781.0 | 302.1 | 197.1 | 104.96 | 2.878 | | |
| 8,700.0 | 6,900.0 | 8,582.7 | 6,900.0 | 56.1 | 54.3 | -90.00 | 19.1 | 1,881.0 | 302.1 | 191.8 | 110.34 | 2.738 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--|------------------------|------------------------|------------------------|-------------------|----------------|--|---|---------------|--|-----------------------------|-------------------------------|----------------------|--------------------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| 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) | Distance Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning | |
| 8,800.0 | 6,900.0 | 8,682.7 | 6,900.0 | 58.8 | 57.0 | -90.00 | 20.3 | 1,981.0 | 302.1 | 186.4 | 115.74 | 2.610 | | |
| 8,900.0 | 6,900.0 | 8,782.7 | 6,900.0 | 61.5 | 59.7 | -90.00 | 21.5 | 2,081.0 | 302.1 | 181.0 | 121.16 | 2.494 | | |
| 9,000.0 | 6,900.0 | 8,882.7 | 6,900.0 | 64.2 | 62.5 | -90.00 | 22.7 | 2,181.0 | 302.2 | 175.6 | 126.59 | 2.387 | | |
| 9,100.0 | 6,900.0 | 8,982.7 | 6,900.0 | 66.9 | 65.2 | -90.00 | 23.8 | 2,280.9 | 302.2 | 170.2 | 132.04 | 2.289 | | |
| 9,200.0 | 6,900.0 | 9,082.7 | 6,900.0 | 69.7 | 67.9 | -90.00 | 25.0 | 2,380.9 | 302.2 | 164.7 | 137.50 | 2.198 | | |
| 9,300.0 | 6,900.0 | 9,182.7 | 6,900.0 | 72.4 | 70.6 | -90.00 | 26.2 | 2,480.9 | 302.2 | 159.3 | 142.98 | 2.114 | | |
| 9,400.0 | 6,900.0 | 9,282.7 | 6,900.0 | 75.1 | 73.4 | -90.00 | 27.4 | 2,580.9 | 302.3 | 153.8 | 148.46 | 2.036 | | |
| 9,500.0 | 6,900.0 | 9,382.7 | 6,900.0 | 77.9 | 76.1 | -90.00 | 28.6 | 2,680.9 | 302.3 | 148.3 | 153.95 | 1.963 | | |
| 9,600.0 | 6,900.0 | 9,482.7 | 6,900.0 | 80.6 | 78.9 | -90.00 | 29.8 | 2,780.9 | 302.3 | 142.9 | 159.45 | 1.896 | | |
| 9,700.0 | 6,900.0 | 9,582.7 | 6,900.0 | 83.4 | 81.6 | -90.00 | 31.0 | 2,880.9 | 302.3 | 137.4 | 164.96 | 1.833 | | |
| 9,800.0 | 6,900.0 | 9,682.7 | 6,900.0 | 86.2 | 84.4 | -90.00 | 32.2 | 2,980.9 | 302.4 | 131.9 | 170.48 | 1.774 | | |
| 9,900.0 | 6,900.0 | 9,782.7 | 6,900.0 | 88.9 | 87.1 | -90.00 | 33.4 | 3,080.9 | 302.4 | 126.4 | 176.00 | 1.718 | | |
| 10,000.0 | 6,900.0 | 9,882.7 | 6,900.0 | 91.7 | 89.9 | -90.00 | 34.6 | 3,180.9 | 302.4 | 120.9 | 181.53 | 1.666 | | |
| 10,100.0 | 6,900.0 | 9,982.7 | 6,900.0 | 94.4 | 92.7 | -90.00 | 35.8 | 3,280.9 | 302.4 | 115.4 | 187.06 | 1.617 | | |
| 10,200.0 | 6,900.0 | 10,082.7 | 6,900.0 | 97.2 | 95.4 | -90.00 | 37.0 | 3,380.9 | 302.4 | 109.9 | 192.59 | 1.570 | | |
| 10,300.0 | 6,900.0 | 10,182.7 | 6,900.0 | 100.0 | 98.2 | -90.00 | 38.2 | 3,480.9 | 302.5 | 104.3 | 198.13 | 1.527 | | |
| 10,400.0 | 6,900.0 | 10,282.7 | 6,900.0 | 102.8 | 101.0 | -90.00 | 39.4 | 3,580.9 | 302.5 | 98.8 | 203.68 | 1.485 Level 3 | | |
| 10,500.0 | 6,900.0 | 10,382.7 | 6,900.0 | 105.5 | 103.7 | -90.00 | 40.6 | 3,680.8 | 302.5 | 93.3 | 209.23 | 1.446 Level 3 | | |
| 10,600.0 | 6,900.0 | 10,482.7 | 6,900.0 | 108.3 | 106.5 | -90.00 | 41.8 | 3,780.8 | 302.5 | 87.8 | 214.78 | 1.409 Level 3 | | |
| 10,700.0 | 6,900.0 | 10,582.7 | 6,900.0 | 111.1 | 109.3 | -90.00 | 43.0 | 3,880.8 | 302.6 | 82.2 | 220.33 | 1.373 Level 3 | | |
| 10,800.0 | 6,900.0 | 10,682.7 | 6,900.0 | 113.9 | 112.1 | -90.00 | 44.2 | 3,980.8 | 302.6 | 76.7 | 225.89 | 1.340 Level 3 | | |
| 10,900.0 | 6,900.0 | 10,782.7 | 6,900.0 | 116.6 | 114.8 | -90.00 | 45.4 | 4,080.8 | 302.6 | 71.2 | 231.45 | 1.307 Level 3 | | |
| 11,000.0 | 6,900.0 | 10,882.7 | 6,900.0 | 119.4 | 117.6 | -90.00 | 46.6 | 4,180.8 | 302.6 | 65.6 | 237.01 | 1.277 Level 3 | | |
| 11,100.0 | 6,900.0 | 10,982.7 | 6,900.0 | 122.2 | 120.4 | -90.00 | 47.8 | 4,280.8 | 302.7 | 60.1 | 242.57 | 1.248 Level 2 | | |
| 11,200.0 | 6,900.0 | 11,082.7 | 6,900.0 | 125.0 | 123.2 | -90.00 | 49.0 | 4,380.8 | 302.7 | 54.5 | 248.14 | 1.220 Level 2 | | |
| 11,300.0 | 6,900.0 | 11,182.7 | 6,900.0 | 127.8 | 126.0 | -90.00 | 50.2 | 4,480.8 | 302.7 | 49.0 | 253.70 | 1.193 Level 2 | | |
| 11,403.5 | 6,900.0 | 11,286.2 | 6,900.0 | 130.7 | 128.0 | -90.00 | 51.4 | 4,584.3 | 302.7 | 44.1 | 258.63 | 1.171 Level 2, SF | | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | -100.2 | 0.0 | 100.2 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -180.00 | -100.2 | 0.0 | 100.2 | 100.0 | 0.22 | 445.748 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -180.00 | -100.2 | 0.0 | 100.2 | 99.5 | 0.67 | 148.583 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -180.00 | -100.2 | 0.0 | 100.2 | 99.1 | 1.12 | 89.150 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -180.00 | -100.2 | 0.0 | 100.2 | 98.6 | 1.57 | 63.678 CC, ES | | |
| 500.0 | 500.0 | 497.5 | 497.4 | 1.0 | 1.0 | -179.90 | -101.4 | -0.2 | 101.5 | 99.5 | 1.99 | 50.937 | | |
| 600.0 | 600.0 | 594.8 | 594.7 | 1.2 | 1.2 | -179.60 | -105.1 | -0.7 | 105.2 | 102.8 | 2.40 | 43.832 | | |
| 700.0 | 700.0 | 691.8 | 691.6 | 1.5 | 1.4 | -179.15 | -111.2 | -1.6 | 111.5 | 108.7 | 2.83 | 39.475 | | |
| 800.0 | 800.0 | 788.5 | 787.9 | 1.7 | 1.6 | -178.60 | -119.7 | -2.9 | 120.4 | 117.1 | 3.27 | 36.863 | | |
| 900.0 | 900.0 | 884.7 | 883.4 | 1.9 | 1.8 | -178.01 | -130.6 | -4.5 | 131.7 | 128.0 | 3.72 | 35.409 | | |
| 1,000.0 | 1,000.0 | 980.3 | 978.1 | 2.1 | 2.1 | -177.41 | -143.7 | -6.5 | 145.5 | 141.3 | 4.19 | 34.748 | | |
| 1,100.0 | 1,100.0 | 1,075.2 | 1,071.7 | 2.4 | 2.4 | -176.84 | -159.1 | -8.8 | 161.8 | 157.1 | 4.67 | 34.641 | | |
| 1,200.0 | 1,200.0 | 1,169.2 | 1,164.0 | 2.6 | 2.8 | -176.30 | -176.5 | -11.4 | 180.5 | 175.4 | 5.17 | 34.927 | | |
| 1,300.0 | 1,300.0 | 1,262.3 | 1,255.0 | 2.8 | 3.2 | -175.82 | -196.0 | -14.3 | 201.7 | 196.0 | 5.68 | 35.495 | | |
| 1,400.0 | 1,400.0 | 1,354.3 | 1,344.4 | 3.0 | 3.6 | -175.39 | -217.5 | -17.5 | 225.2 | 218.9 | 6.21 | 36.267 | | |
| 1,500.0 | 1,500.0 | 1,448.9 | 1,435.9 | 3.2 | 4.0 | -28.34 | -241.4 | -21.1 | 249.5 | 243.1 | 6.40 | 39.013 | | |
| 1,600.0 | 1,599.9 | 1,546.4 | 1,530.0 | 3.4 | 4.5 | -28.24 | -266.2 | -24.8 | 271.9 | 265.0 | 6.82 | 39.855 | | |
| 1,700.0 | 1,699.7 | 1,644.3 | 1,624.7 | 3.6 | 5.0 | -28.39 | -291.1 | -28.5 | 292.0 | 284.7 | 7.26 | 40.199 | | |
| 1,800.0 | 1,799.3 | 1,742.7 | 1,719.7 | 3.8 | 5.5 | -28.76 | -316.2 | -32.3 | 309.8 | 302.1 | 7.72 | 40.142 | | |
| 1,835.0 | 1,834.1 | 1,777.2 | 1,753.1 | 3.9 | 5.7 | -28.93 | -325.0 | -33.6 | 315.5 | 307.6 | 7.88 | 40.040 | | |
| 1,900.0 | 1,898.6 | 1,841.3 | 1,815.0 | 4.0 | 6.0 | -29.34 | -341.3 | -36.0 | 325.9 | 317.7 | 8.19 | 39.800 | | |
| 2,000.0 | 1,998.0 | 1,940.0 | 1,910.4 | 4.2 | 6.5 | -29.92 | -366.4 | -39.8 | 341.9 | 333.2 | 8.67 | 39.431 | | |
| 2,100.0 | 2,097.3 | 2,038.6 | 2,005.7 | 4.5 | 7.1 | -30.44 | -391.5 | -43.5 | 357.9 | 348.7 | 9.16 | 39.066 | | |
| 2,200.0 | 2,196.7 | 2,137.3 | 2,101.0 | 4.7 | 7.6 | -30.92 | -416.7 | -47.3 | 374.0 | 364.3 | 9.66 | 38.709 | | |
| 2,300.0 | 2,296.0 | 2,235.9 | 2,196.4 | 5.0 | 8.1 | -31.36 | -441.8 | -51.0 | 390.0 | 379.9 | 10.17 | 38.364 | | |
| 2,400.0 | 2,395.4 | 2,334.6 | 2,291.7 | 5.2 | 8.6 | -31.77 | -466.9 | -54.8 | 406.1 | 395.4 | 10.68 | 38.031 | | |
| 2,500.0 | 2,494.8 | 2,433.2 | 2,387.0 | 5.5 | 9.2 | -32.15 | -492.0 | -58.5 | 422.2 | 411.0 | 11.20 | 37.711 | | |
| 2,600.0 | 2,594.1 | 2,531.9 | 2,482.4 | 5.8 | 9.7 | -32.49 | -517.2 | -62.3 | 438.4 | 426.6 | 11.72 | 37.405 | | |
| 2,700.0 | 2,693.5 | 2,630.6 | 2,577.7 | 6.1 | 10.2 | -32.82 | -542.3 | -66.0 | 454.5 | 442.3 | 12.25 | 37.113 | | |
| 2,800.0 | 2,792.8 | 2,729.2 | 2,673.0 | 6.3 | 10.7 | -33.12 | -567.4 | -69.8 | 470.7 | 457.9 | 12.78 | 36.834 | | |
| 2,900.0 | 2,892.2 | 2,827.9 | 2,768.4 | 6.6 | 11.3 | -33.40 | -592.5 | -73.5 | 486.8 | 473.5 | 13.31 | 36.569 | | |
| 3,000.0 | 2,991.5 | 2,926.5 | 2,863.7 | 6.9 | 11.8 | -33.66 | -617.6 | -77.3 | 503.0 | 489.2 | 13.85 | 36.316 | | |
| 3,100.0 | 3,090.9 | 3,025.2 | 2,959.0 | 7.2 | 12.3 | -33.91 | -642.8 | -81.0 | 519.2 | 504.8 | 14.39 | 36.075 | | |
| 3,200.0 | 3,190.2 | 3,123.8 | 3,054.3 | 7.5 | 12.8 | -34.14 | -667.9 | -84.8 | 535.4 | 520.5 | 14.94 | 35.846 | | |
| 3,300.0 | 3,289.6 | 3,222.5 | 3,149.7 | 7.8 | 13.4 | -34.36 | -693.0 | -88.6 | 551.6 | 536.1 | 15.48 | 35.627 | | |
| 3,400.0 | 3,388.9 | 3,321.2 | 3,245.0 | 8.1 | 13.9 | -34.56 | -718.1 | -92.3 | 567.8 | 551.8 | 16.03 | 35.419 | | |
| 3,500.0 | 3,488.3 | 3,419.8 | 3,340.3 | 8.4 | 14.4 | -34.76 | -743.3 | -96.1 | 584.0 | 567.5 | 16.58 | 35.221 | | |
| 3,600.0 | 3,587.6 | 3,518.5 | 3,435.7 | 8.7 | 15.0 | -34.94 | -768.4 | -99.8 | 600.3 | 583.1 | 17.13 | 35.032 | | |
| 3,700.0 | 3,687.0 | 3,617.1 | 3,531.0 | 9.0 | 15.5 | -35.12 | -793.5 | -103.6 | 616.5 | 598.8 | 17.69 | 34.851 | | |
| 3,800.0 | 3,786.3 | 3,715.8 | 3,626.3 | 9.3 | 16.0 | -35.28 | -818.6 | -107.3 | 632.7 | 614.5 | 18.25 | 34.679 | | |
| 3,900.0 | 3,885.7 | 3,814.4 | 3,721.7 | 9.6 | 16.6 | -35.44 | -843.8 | -111.1 | 649.0 | 630.2 | 18.80 | 34.514 | | |
| 4,000.0 | 3,985.0 | 3,913.1 | 3,817.0 | 9.9 | 17.1 | -35.59 | -868.9 | -114.8 | 665.2 | 645.9 | 19.36 | 34.357 | | |
| 4,100.0 | 4,084.4 | 4,011.8 | 3,912.3 | 10.2 | 17.6 | -35.73 | -894.0 | -118.6 | 681.5 | 661.5 | 19.92 | 34.206 | | |
| 4,200.0 | 4,183.7 | 4,110.4 | 4,007.7 | 10.5 | 18.1 | -35.87 | -919.1 | -122.3 | 697.7 | 677.2 | 20.48 | 34.062 | | |
| 4,300.0 | 4,283.1 | 4,209.1 | 4,103.0 | 10.8 | 18.7 | -35.99 | -944.3 | -126.1 | 714.0 | 692.9 | 21.05 | 33.924 | | |
| 4,400.0 | 4,382.4 | 4,307.7 | 4,198.3 | 11.1 | 19.2 | -36.12 | -969.4 | -129.8 | 730.2 | 708.6 | 21.61 | 33.792 | | |
| 4,500.0 | 4,481.8 | 4,406.4 | 4,293.6 | 11.4 | 19.7 | -36.24 | -994.5 | -133.6 | 746.5 | 724.3 | 22.17 | 33.665 | | |
| 4,600.0 | 4,581.1 | 4,505.0 | 4,389.0 | 11.7 | 20.3 | -36.35 | -1,019.6 | -137.3 | 762.8 | 740.0 | 22.74 | 33.543 | | |
| 4,693.9 | 4,674.4 | 4,597.7 | 4,478.5 | 12.0 | 20.8 | -36.45 | -1,043.2 | -140.9 | 778.1 | 754.8 | 23.27 | 33.433 | | |
| 4,700.0 | 4,680.5 | 4,603.7 | 4,484.3 | 12.0 | 20.8 | -36.47 | -1,044.7 | -141.1 | 779.0 | 755.7 | 23.30 | 33.429 | | |
| 4,800.0 | 4,780.1 | 4,702.1 | 4,579.4 | 12.2 | 21.3 | -36.70 | -1,069.8 | -144.8 | 796.9 | 773.1 | 23.79 | 33.498 | | |
| 4,900.0 | 4,879.9 | 4,799.9 | 4,673.9 | 12.4 | 21.9 | -36.83 | -1,094.7 | -148.6 | 817.4 | 793.2 | 24.23 | 33.737 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | |
| 5,000.0 | 4,979.8 | 4,897.1 | 4,767.8 | 12.6 | 22.4 | -36.84 | -1,119.5 | -152.3 | 840.7 | 816.1 | 24.63 | 34.140 | |
| 5,020.2 | 5,000.0 | 4,916.6 | 4,786.7 | 12.6 | 22.5 | 176.53 | -1,124.4 | -153.0 | 845.8 | 811.5 | 34.23 | 24.706 SF | |
| 5,100.0 | 5,079.8 | 4,993.7 | 4,861.2 | 12.8 | 22.9 | 176.81 | -1,144.1 | -155.9 | 865.9 | 831.1 | 34.81 | 24.874 | |
| 5,200.0 | 5,179.8 | 5,090.4 | 4,954.6 | 13.0 | 23.4 | 177.15 | -1,168.7 | -159.6 | 891.2 | 855.7 | 35.53 | 25.085 | |
| 5,300.0 | 5,279.8 | 5,187.0 | 5,047.9 | 13.1 | 24.0 | 177.46 | -1,193.3 | -163.3 | 916.5 | 880.2 | 36.24 | 25.288 | |
| 5,400.0 | 5,379.8 | 5,283.6 | 5,141.3 | 13.3 | 24.5 | 177.76 | -1,217.9 | -167.0 | 941.8 | 904.8 | 36.96 | 25.484 | |
| 5,500.0 | 5,479.8 | 5,380.3 | 5,234.7 | 13.5 | 25.0 | 178.05 | -1,242.5 | -170.6 | 967.1 | 929.5 | 37.67 | 25.673 | |
| 5,600.0 | 5,579.8 | 5,476.9 | 5,328.1 | 13.6 | 25.5 | 178.32 | -1,267.1 | -174.3 | 992.5 | 954.1 | 38.39 | 25.855 | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | | 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 | 179.80 | -80.2 | 0.3 | 80.2 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 179.80 | -80.2 | 0.3 | 80.2 | 79.9 | 0.22 | 356.622 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 179.80 | -80.2 | 0.3 | 80.2 | 79.5 | 0.67 | 118.874 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | 179.80 | -80.2 | 0.3 | 80.2 | 79.0 | 1.12 | 71.324 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | 179.80 | -80.2 | 0.3 | 80.2 | 78.6 | 1.57 | 50.946 | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | 179.80 | -80.2 | 0.3 | 80.2 | 78.1 | 2.02 | 39.625 | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | 179.80 | -80.2 | 0.3 | 80.2 | 77.7 | 2.47 | 32.420 CC, ES | | |
| 700.0 | 700.0 | 698.0 | 697.9 | 1.5 | 1.4 | 179.96 | -81.4 | 0.1 | 81.4 | 78.5 | 2.89 | 28.166 | | |
| 800.0 | 800.0 | 795.8 | 795.7 | 1.7 | 1.6 | -179.60 | -85.1 | -0.6 | 85.2 | 81.9 | 3.29 | 25.864 | | |
| 900.0 | 900.0 | 893.4 | 893.1 | 1.9 | 1.8 | -178.94 | -91.2 | -1.7 | 91.5 | 87.8 | 3.71 | 24.661 | | |
| 1,000.0 | 1,000.0 | 990.5 | 989.9 | 2.1 | 2.0 | -178.17 | -99.8 | -3.2 | 100.4 | 96.2 | 4.14 | 24.234 | | |
| 1,100.0 | 1,100.0 | 1,087.2 | 1,085.9 | 2.4 | 2.3 | -177.35 | -110.7 | -5.1 | 111.7 | 107.1 | 4.59 | 24.366 | | |
| 1,200.0 | 1,200.0 | 1,183.3 | 1,181.0 | 2.6 | 2.5 | -176.55 | -123.9 | -7.5 | 125.6 | 120.5 | 5.04 | 24.902 | | |
| 1,300.0 | 1,300.0 | 1,278.6 | 1,275.0 | 2.8 | 2.8 | -175.82 | -139.4 | -10.2 | 141.9 | 136.4 | 5.52 | 25.733 | | |
| 1,400.0 | 1,400.0 | 1,373.1 | 1,367.8 | 3.0 | 3.1 | -175.15 | -156.9 | -13.3 | 160.7 | 154.7 | 6.00 | 26.777 | | |
| 1,500.0 | 1,500.0 | 1,466.9 | 1,459.4 | 3.2 | 3.5 | -27.98 | -176.6 | -16.8 | 180.8 | 174.5 | 6.31 | 28.668 | | |
| 1,600.0 | 1,599.9 | 1,560.1 | 1,550.1 | 3.4 | 3.9 | -27.81 | -198.4 | -20.6 | 201.1 | 194.4 | 6.71 | 29.947 | | |
| 1,700.0 | 1,699.7 | 1,656.9 | 1,643.6 | 3.6 | 4.4 | -27.93 | -222.6 | -24.9 | 220.8 | 213.6 | 7.14 | 30.918 | | |
| 1,800.0 | 1,799.3 | 1,755.3 | 1,738.8 | 3.8 | 4.8 | -28.33 | -247.3 | -29.3 | 238.3 | 230.7 | 7.58 | 31.439 | | |
| 1,835.0 | 1,834.1 | 1,789.9 | 1,772.2 | 3.9 | 5.0 | -28.52 | -255.9 | -30.8 | 243.9 | 236.1 | 7.74 | 31.523 | | |
| 1,900.0 | 1,898.6 | 1,854.0 | 1,834.3 | 4.0 | 5.3 | -28.96 | -272.0 | -33.7 | 254.0 | 246.0 | 8.04 | 31.603 | | |
| 2,000.0 | 1,998.0 | 1,952.8 | 1,929.8 | 4.2 | 5.8 | -29.58 | -296.8 | -38.1 | 269.6 | 261.1 | 8.51 | 31.684 | | |
| 2,100.0 | 2,097.3 | 2,051.5 | 2,025.2 | 4.5 | 6.3 | -30.13 | -321.6 | -42.4 | 285.3 | 276.3 | 8.99 | 31.725 | | |
| 2,200.0 | 2,196.7 | 2,150.2 | 2,120.7 | 4.7 | 6.8 | -30.62 | -346.3 | -46.8 | 301.0 | 291.5 | 9.48 | 31.734 | | |
| 2,300.0 | 2,296.0 | 2,249.0 | 2,216.2 | 5.0 | 7.3 | -31.06 | -371.1 | -51.2 | 316.7 | 306.7 | 9.98 | 31.720 | | |
| 2,400.0 | 2,395.4 | 2,347.7 | 2,311.6 | 5.2 | 7.8 | -31.46 | -395.9 | -55.6 | 332.4 | 321.9 | 10.49 | 31.687 | | |
| 2,500.0 | 2,494.8 | 2,446.4 | 2,407.1 | 5.5 | 8.3 | -31.82 | -420.7 | -60.0 | 348.1 | 337.1 | 11.00 | 31.642 | | |
| 2,600.0 | 2,594.1 | 2,545.2 | 2,502.6 | 5.8 | 8.8 | -32.16 | -445.4 | -64.3 | 363.9 | 352.4 | 11.52 | 31.586 | | |
| 2,700.0 | 2,693.5 | 2,643.9 | 2,598.1 | 6.1 | 9.4 | -32.46 | -470.2 | -68.7 | 379.6 | 367.6 | 12.04 | 31.524 | | |
| 2,800.0 | 2,792.8 | 2,742.6 | 2,693.5 | 6.3 | 9.9 | -32.74 | -495.0 | -73.1 | 395.4 | 382.8 | 12.57 | 31.457 | | |
| 2,900.0 | 2,892.2 | 2,841.4 | 2,789.0 | 6.6 | 10.4 | -33.00 | -519.8 | -77.5 | 411.2 | 398.1 | 13.10 | 31.387 | | |
| 3,000.0 | 2,991.5 | 2,940.1 | 2,884.5 | 6.9 | 10.9 | -33.24 | -544.5 | -81.9 | 427.0 | 413.3 | 13.63 | 31.315 | | |
| 3,100.0 | 3,090.9 | 3,038.8 | 2,980.0 | 7.2 | 11.4 | -33.46 | -569.3 | -86.3 | 442.7 | 428.6 | 14.17 | 31.242 | | |
| 3,200.0 | 3,190.2 | 3,137.6 | 3,075.4 | 7.5 | 12.0 | -33.67 | -594.1 | -90.6 | 458.5 | 443.8 | 14.71 | 31.168 | | |
| 3,300.0 | 3,289.6 | 3,236.3 | 3,170.9 | 7.8 | 12.5 | -33.86 | -618.9 | -95.0 | 474.3 | 459.1 | 15.25 | 31.095 | | |
| 3,400.0 | 3,388.9 | 3,335.0 | 3,266.4 | 8.1 | 13.0 | -34.05 | -643.6 | -99.4 | 490.1 | 474.3 | 15.80 | 31.023 | | |
| 3,500.0 | 3,488.3 | 3,433.7 | 3,361.8 | 8.4 | 13.5 | -34.22 | -668.4 | -103.8 | 506.0 | 489.6 | 16.35 | 30.952 | | |
| 3,600.0 | 3,587.6 | 3,532.5 | 3,457.3 | 8.7 | 14.1 | -34.38 | -693.2 | -108.2 | 521.8 | 504.9 | 16.90 | 30.882 | | |
| 3,700.0 | 3,687.0 | 3,631.2 | 3,552.8 | 9.0 | 14.6 | -34.53 | -717.9 | -112.6 | 537.6 | 520.1 | 17.45 | 30.813 | | |
| 3,800.0 | 3,786.3 | 3,729.9 | 3,648.3 | 9.3 | 15.1 | -34.67 | -742.7 | -116.9 | 553.4 | 535.4 | 18.00 | 30.747 | | |
| 3,900.0 | 3,885.7 | 3,828.7 | 3,743.7 | 9.6 | 15.6 | -34.80 | -767.5 | -121.3 | 569.2 | 550.7 | 18.55 | 30.681 | | |
| 4,000.0 | 3,985.0 | 3,927.4 | 3,839.2 | 9.9 | 16.2 | -34.93 | -792.3 | -125.7 | 585.1 | 566.0 | 19.11 | 30.618 | | |
| 4,100.0 | 4,084.4 | 4,026.1 | 3,934.7 | 10.2 | 16.7 | -35.05 | -817.0 | -130.1 | 600.9 | 581.2 | 19.66 | 30.556 | | |
| 4,200.0 | 4,183.7 | 4,124.9 | 4,030.2 | 10.5 | 17.2 | -35.16 | -841.8 | -134.5 | 616.7 | 596.5 | 20.22 | 30.496 | | |
| 4,300.0 | 4,283.1 | 4,223.6 | 4,125.6 | 10.8 | 17.7 | -35.27 | -866.6 | -138.9 | 632.6 | 611.8 | 20.78 | 30.438 | | |
| 4,400.0 | 4,382.4 | 4,322.3 | 4,221.1 | 11.1 | 18.3 | -35.37 | -891.4 | -143.2 | 648.4 | 627.0 | 21.34 | 30.382 | | |
| 4,500.0 | 4,481.8 | 4,421.1 | 4,316.6 | 11.4 | 18.8 | -35.47 | -916.1 | -147.6 | 664.2 | 642.3 | 21.90 | 30.327 | | |
| 4,600.0 | 4,581.1 | 4,519.8 | 4,412.0 | 11.7 | 19.3 | -35.56 | -940.9 | -152.0 | 680.1 | 657.6 | 22.46 | 30.274 | | |
| 4,693.9 | 4,674.4 | 4,612.5 | 4,501.7 | 12.0 | 19.8 | -35.65 | -964.2 | -156.1 | 694.9 | 672.0 | 22.99 | 30.225 | | |
| 4,700.0 | 4,680.5 | 4,618.5 | 4,507.5 | 12.0 | 19.8 | -35.66 | -965.7 | -156.4 | 695.9 | 672.9 | 23.02 | 30.225 | | |
| 4,800.0 | 4,780.1 | 4,717.0 | 4,602.7 | 12.2 | 20.4 | -35.86 | -990.4 | -160.8 | 713.3 | 689.8 | 23.51 | 30.344 | | |
| 4,900.0 | 4,879.9 | 4,814.9 | 4,697.4 | 12.4 | 20.9 | -35.93 | -1,014.9 | -165.1 | 733.5 | 709.6 | 23.95 | 30.631 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | | |
| 5,000.0 | 4,979.8 | 4,912.1 | 4,791.4 | 12.6 | 21.4 | -35.89 | -1,039.3 | -169.4 | 756.5 | 732.1 | 24.34 | 31.079 | | |
| 5,020.2 | 5,000.0 | 4,931.7 | 4,810.3 | 12.6 | 21.5 | 177.50 | -1,044.2 | -170.3 | 761.4 | 728.2 | 33.27 | 22.889 | | |
| 5,100.0 | 5,079.8 | 5,008.9 | 4,885.0 | 12.8 | 21.9 | 177.82 | -1,063.6 | -173.7 | 781.3 | 747.5 | 33.84 | 23.088 | | |
| 5,200.0 | 5,179.8 | 5,105.6 | 4,978.5 | 13.0 | 22.4 | 178.20 | -1,087.9 | -178.0 | 806.3 | 771.8 | 34.55 | 23.335 | | |
| 5,300.0 | 5,279.8 | 5,203.7 | 5,073.4 | 13.1 | 23.0 | 178.57 | -1,112.5 | -182.4 | 831.3 | 796.0 | 35.27 | 23.572 | | |
| 5,400.0 | 5,379.8 | 5,340.5 | 5,206.5 | 13.3 | 23.4 | 179.00 | -1,143.5 | -187.8 | 853.9 | 817.9 | 35.94 | 23.758 | | |
| 5,500.0 | 5,479.8 | 5,480.2 | 5,343.8 | 13.5 | 23.8 | 179.32 | -1,168.6 | -192.3 | 871.8 | 835.3 | 36.56 | 23.850 | | |
| 5,600.0 | 5,579.8 | 5,622.1 | 5,484.4 | 13.6 | 24.2 | 179.55 | -1,187.3 | -195.6 | 885.0 | 847.9 | 37.09 | 23.859 | | |
| 5,700.0 | 5,679.8 | 5,765.5 | 5,627.3 | 13.8 | 24.5 | 179.69 | -1,199.3 | -197.7 | 893.4 | 855.8 | 37.55 | 23.791 | | |
| 5,800.0 | 5,779.8 | 5,909.8 | 5,771.5 | 14.0 | 24.6 | 179.75 | -1,204.2 | -198.6 | 896.8 | 858.9 | 37.93 | 23.645 | | |
| 5,900.0 | 5,879.8 | 6,018.1 | 5,879.8 | 14.2 | 24.8 | 179.75 | -1,204.4 | -198.6 | 896.9 | 858.6 | 38.22 | 23.466 | | |
| 6,000.0 | 5,979.8 | 6,118.1 | 5,979.8 | 14.3 | 24.8 | 179.75 | -1,204.4 | -198.6 | 896.9 | 858.4 | 38.49 | 23.299 | | |
| 6,100.0 | 6,079.8 | 6,218.1 | 6,079.8 | 14.5 | 24.9 | 179.75 | -1,204.4 | -198.6 | 896.9 | 858.1 | 38.77 | 23.132 | | |
| 6,204.0 | 6,183.8 | 6,322.1 | 6,183.8 | 14.7 | 25.0 | 179.75 | -1,204.4 | -198.6 | 896.9 | 857.8 | 39.06 | 22.960 | | |
| 6,250.0 | 6,229.8 | 6,368.6 | 6,230.2 | 14.8 | 25.1 | 90.42 | -1,204.3 | -197.1 | 896.9 | 867.4 | 29.44 | 30.466 | | |
| 6,300.0 | 6,279.5 | 6,419.0 | 6,280.4 | 14.8 | 25.1 | 90.42 | -1,204.3 | -192.1 | 896.9 | 867.3 | 29.57 | 30.328 | | |
| 6,350.0 | 6,328.8 | 6,469.5 | 6,330.2 | 14.9 | 25.2 | 90.42 | -1,204.2 | -183.5 | 896.9 | 867.2 | 29.68 | 30.217 | | |
| 6,400.0 | 6,377.4 | 6,519.9 | 6,379.1 | 15.0 | 25.2 | 90.41 | -1,204.0 | -171.5 | 896.9 | 867.1 | 29.77 | 30.128 | | |
| 6,450.0 | 6,425.0 | 6,570.4 | 6,427.1 | 15.0 | 25.2 | 90.40 | -1,203.9 | -156.0 | 896.9 | 867.0 | 29.84 | 30.054 | | |
| 6,500.0 | 6,471.5 | 6,620.8 | 6,473.9 | 15.0 | 25.2 | 90.39 | -1,203.6 | -137.2 | 896.9 | 867.0 | 29.91 | 29.987 | | |
| 6,550.0 | 6,516.5 | 6,671.2 | 6,519.3 | 15.0 | 25.2 | 90.38 | -1,203.4 | -115.2 | 896.9 | 866.9 | 29.98 | 29.913 | | |
| 6,600.0 | 6,560.0 | 6,721.6 | 6,562.9 | 15.1 | 25.2 | 90.36 | -1,203.1 | -90.0 | 896.9 | 866.8 | 30.08 | 29.818 | | |
| 6,650.0 | 6,601.6 | 6,772.0 | 6,604.7 | 15.1 | 25.2 | 90.34 | -1,202.8 | -61.9 | 896.9 | 866.6 | 30.21 | 29.684 | | |
| 6,700.0 | 6,641.1 | 6,822.4 | 6,644.4 | 15.1 | 25.3 | 90.33 | -1,202.4 | -30.9 | 896.9 | 866.4 | 30.41 | 29.494 | | |
| 6,750.0 | 6,678.5 | 6,872.7 | 6,681.8 | 15.1 | 25.3 | 90.31 | -1,202.0 | 2.8 | 896.9 | 866.2 | 30.69 | 29.227 | | |
| 6,800.0 | 6,713.4 | 6,923.1 | 6,716.7 | 15.2 | 25.3 | 90.28 | -1,201.6 | 39.0 | 896.9 | 865.8 | 31.07 | 28.867 | | |
| 6,850.0 | 6,745.7 | 6,973.4 | 6,749.0 | 15.2 | 25.3 | 90.26 | -1,201.1 | 77.6 | 896.9 | 865.3 | 31.58 | 28.403 | | |
| 6,900.0 | 6,775.3 | 7,023.6 | 6,778.4 | 15.3 | 25.4 | 90.24 | -1,200.6 | 118.3 | 896.9 | 864.6 | 32.23 | 27.827 | | |
| 6,950.0 | 6,802.1 | 7,073.9 | 6,804.9 | 15.8 | 25.4 | 90.21 | -1,200.1 | 161.0 | 896.9 | 863.8 | 33.04 | 27.143 | | |
| 7,000.0 | 6,825.8 | 7,124.1 | 6,828.4 | 16.3 | 25.5 | 90.19 | -1,199.6 | 205.4 | 896.8 | 862.8 | 34.02 | 26.359 | | |
| 7,050.0 | 6,846.4 | 7,174.3 | 6,848.7 | 17.0 | 25.7 | 90.16 | -1,199.1 | 251.3 | 896.8 | 861.7 | 35.18 | 25.494 | | |
| 7,100.0 | 6,863.7 | 7,224.5 | 6,865.7 | 17.7 | 25.8 | 90.13 | -1,198.5 | 298.5 | 896.8 | 860.3 | 36.50 | 24.569 | | |
| 7,150.0 | 6,877.8 | 7,274.6 | 6,879.3 | 18.5 | 26.0 | 90.10 | -1,198.0 | 346.7 | 896.8 | 858.9 | 37.99 | 23.609 | | |
| 7,195.2 | 6,887.6 | 7,319.9 | 6,888.7 | 19.2 | 26.2 | 90.08 | -1,197.4 | 391.0 | 896.8 | 857.4 | 39.46 | 22.729 | | |
| 7,200.0 | 6,888.4 | 7,324.7 | 6,889.6 | 19.3 | 26.3 | 90.07 | -1,197.4 | 395.7 | 896.8 | 857.2 | 39.62 | 22.639 | | |
| 7,250.0 | 6,895.7 | 7,374.7 | 6,896.3 | 20.2 | 26.6 | 90.04 | -1,196.8 | 445.3 | 896.8 | 855.5 | 41.37 | 21.678 | | |
| 7,300.0 | 6,899.4 | 7,424.8 | 6,899.7 | 21.2 | 27.0 | 90.02 | -1,196.2 | 495.2 | 896.8 | 853.6 | 43.23 | 20.746 | | |
| 7,329.0 | 6,900.0 | 7,453.7 | 6,900.0 | 21.8 | 27.3 | 90.00 | -1,195.9 | 524.2 | 896.8 | 852.5 | 44.35 | 20.224 | | |
| 7,400.0 | 6,900.0 | 7,524.8 | 6,900.0 | 23.2 | 28.1 | 90.00 | -1,195.1 | 595.2 | 896.8 | 849.6 | 47.21 | 18.996 | | |
| 7,500.0 | 6,900.0 | 7,624.8 | 6,900.0 | 25.4 | 29.6 | 90.00 | -1,193.9 | 695.2 | 896.9 | 845.4 | 51.49 | 17.419 | | |
| 7,600.0 | 6,900.0 | 7,724.8 | 6,900.0 | 27.7 | 31.3 | 90.00 | -1,192.7 | 795.2 | 896.9 | 840.9 | 56.00 | 16.016 | | |
| 7,700.0 | 6,900.0 | 7,824.8 | 6,900.0 | 30.1 | 33.3 | 90.00 | -1,191.5 | 895.2 | 896.9 | 836.2 | 60.69 | 14.778 | | |
| 7,800.0 | 6,900.0 | 7,924.8 | 6,900.0 | 32.5 | 35.4 | 90.00 | -1,190.4 | 995.2 | 896.9 | 831.3 | 65.53 | 13.687 | | |
| 7,900.0 | 6,900.0 | 8,024.8 | 6,900.0 | 35.0 | 37.6 | 90.00 | -1,189.2 | 1,095.2 | 896.9 | 826.4 | 70.48 | 12.725 | | |
| 8,000.0 | 6,900.0 | 8,124.8 | 6,900.0 | 37.6 | 40.0 | 90.00 | -1,188.0 | 1,195.1 | 896.9 | 821.3 | 75.52 | 11.875 | | |
| 8,100.0 | 6,900.0 | 8,224.8 | 6,900.0 | 40.1 | 42.3 | 90.00 | -1,186.8 | 1,295.1 | 896.9 | 816.2 | 80.64 | 11.121 | | |
| 8,200.0 | 6,900.0 | 8,324.8 | 6,900.0 | 42.7 | 44.8 | 90.00 | -1,185.7 | 1,395.1 | 896.9 | 811.0 | 85.82 | 10.450 | | |
| 8,300.0 | 6,900.0 | 8,424.8 | 6,900.0 | 45.4 | 47.3 | 90.00 | -1,184.5 | 1,495.1 | 896.9 | 805.8 | 91.05 | 9.850 | | |
| 8,400.0 | 6,900.0 | 8,524.8 | 6,900.0 | 48.0 | 49.8 | 90.00 | -1,183.3 | 1,595.1 | 896.9 | 800.5 | 96.33 | 9.310 | | |
| 8,500.0 | 6,900.0 | 8,624.8 | 6,900.0 | 50.7 | 52.4 | 90.00 | -1,182.2 | 1,695.1 | 896.9 | 795.2 | 101.64 | 8.824 | | |
| 8,600.0 | 6,900.0 | 8,724.8 | 6,900.0 | 53.4 | 55.0 | 90.00 | -1,181.0 | 1,795.1 | 896.9 | 789.9 | 106.98 | 8.384 | | |
| 8,700.0 | 6,900.0 | 8,824.8 | 6,900.0 | 56.1 | 57.6 | 90.00 | -1,179.8 | 1,895.1 | 896.9 | 784.5 | 112.35 | 7.983 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|-------------------------------|----------------------|--------------------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | | Offset | | Semi Major Axis | | Highside Toolface (°) | Distance | | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | | | | | | |
| 8,800.0 | 6,900.0 | 8,924.8 | 6,900.0 | 58.8 | 60.2 | 90.00 | -1,178.6 | 1,995.1 | 896.9 | 779.1 | 117.74 | 7.618 | | |
| 8,900.0 | 6,900.0 | 9,024.8 | 6,900.0 | 61.5 | 62.8 | 90.00 | -1,177.5 | 2,095.1 | 896.9 | 773.7 | 123.14 | 7.283 | | |
| 9,000.0 | 6,900.0 | 9,124.8 | 6,900.0 | 64.2 | 65.5 | 90.00 | -1,176.3 | 2,195.1 | 896.9 | 768.3 | 128.57 | 6.976 | | |
| 9,100.0 | 6,900.0 | 9,224.8 | 6,900.0 | 66.9 | 68.2 | 90.00 | -1,175.1 | 2,295.1 | 896.9 | 762.9 | 134.01 | 6.692 | | |
| 9,200.0 | 6,900.0 | 9,324.8 | 6,900.0 | 69.7 | 70.9 | 90.00 | -1,174.0 | 2,395.1 | 896.9 | 757.4 | 139.47 | 6.431 | | |
| 9,300.0 | 6,900.0 | 9,424.8 | 6,900.0 | 72.4 | 73.5 | 90.00 | -1,172.8 | 2,495.1 | 896.9 | 751.9 | 144.93 | 6.188 | | |
| 9,400.0 | 6,900.0 | 9,524.8 | 6,900.0 | 75.1 | 76.2 | 90.00 | -1,171.6 | 2,595.0 | 896.9 | 746.5 | 150.41 | 5.963 | | |
| 9,500.0 | 6,900.0 | 9,624.8 | 6,900.0 | 77.9 | 78.9 | 90.00 | -1,170.4 | 2,695.0 | 896.9 | 741.0 | 155.90 | 5.753 | | |
| 9,600.0 | 6,900.0 | 9,724.8 | 6,900.0 | 80.6 | 81.7 | 90.00 | -1,169.3 | 2,795.0 | 896.9 | 735.5 | 161.39 | 5.557 | | |
| 9,700.0 | 6,900.0 | 9,824.8 | 6,900.0 | 83.4 | 84.4 | 90.00 | -1,168.1 | 2,895.0 | 896.9 | 730.0 | 166.90 | 5.374 | | |
| 9,800.0 | 6,900.0 | 9,924.8 | 6,900.0 | 86.2 | 87.1 | 90.00 | -1,166.9 | 2,995.0 | 896.9 | 724.5 | 172.41 | 5.202 | | |
| 9,900.0 | 6,900.0 | 10,024.8 | 6,900.0 | 88.9 | 89.8 | 90.00 | -1,165.8 | 3,095.0 | 896.9 | 719.0 | 177.92 | 5.041 | | |
| 10,000.0 | 6,900.0 | 10,124.8 | 6,900.0 | 91.7 | 92.6 | 90.00 | -1,164.6 | 3,195.0 | 896.9 | 713.4 | 183.44 | 4.889 | | |
| 10,100.0 | 6,900.0 | 10,224.8 | 6,900.0 | 94.4 | 95.3 | 90.00 | -1,163.4 | 3,295.0 | 896.9 | 707.9 | 188.97 | 4.746 | | |
| 10,200.0 | 6,900.0 | 10,324.8 | 6,900.0 | 97.2 | 98.0 | 90.00 | -1,162.2 | 3,395.0 | 896.9 | 702.4 | 194.50 | 4.611 | | |
| 10,300.0 | 6,900.0 | 10,424.8 | 6,900.0 | 100.0 | 100.8 | 90.00 | -1,161.1 | 3,495.0 | 896.9 | 696.8 | 200.04 | 4.484 | | |
| 10,400.0 | 6,900.0 | 10,524.8 | 6,900.0 | 102.8 | 103.5 | 90.00 | -1,159.9 | 3,595.0 | 896.9 | 691.3 | 205.58 | 4.363 | | |
| 10,500.0 | 6,900.0 | 10,624.8 | 6,900.0 | 105.5 | 106.3 | 90.00 | -1,158.7 | 3,695.0 | 896.9 | 685.8 | 211.12 | 4.248 | | |
| 10,600.0 | 6,900.0 | 10,724.8 | 6,900.0 | 108.3 | 109.0 | 90.00 | -1,157.6 | 3,795.0 | 896.9 | 680.2 | 216.67 | 4.139 | | |
| 10,700.0 | 6,900.0 | 10,824.8 | 6,900.0 | 111.1 | 111.8 | 90.00 | -1,156.4 | 3,895.0 | 896.9 | 674.7 | 222.22 | 4.036 | | |
| 10,800.0 | 6,900.0 | 10,924.8 | 6,900.0 | 113.9 | 114.6 | 90.00 | -1,155.2 | 3,995.0 | 896.9 | 669.1 | 227.77 | 3.938 | | |
| 10,900.0 | 6,900.0 | 11,024.8 | 6,900.0 | 116.6 | 117.3 | 90.00 | -1,154.0 | 4,094.9 | 896.9 | 663.6 | 233.33 | 3.844 | | |
| 11,000.0 | 6,900.0 | 11,124.8 | 6,900.0 | 119.4 | 120.1 | 90.00 | -1,152.9 | 4,194.9 | 896.9 | 658.0 | 238.89 | 3.754 | | |
| 11,100.0 | 6,900.0 | 11,224.8 | 6,900.0 | 122.2 | 122.8 | 90.00 | -1,151.7 | 4,294.9 | 896.9 | 652.4 | 244.45 | 3.669 | | |
| 11,200.0 | 6,900.0 | 11,324.8 | 6,900.0 | 125.0 | 125.6 | 90.00 | -1,150.5 | 4,394.9 | 896.9 | 646.9 | 250.01 | 3.587 | | |
| 11,300.0 | 6,900.0 | 11,424.8 | 6,900.0 | 127.8 | 128.4 | 90.00 | -1,149.4 | 4,494.9 | 896.9 | 641.3 | 255.58 | 3.509 | | |
| 11,360.7 | 6,900.0 | 11,485.4 | 6,900.0 | 129.5 | 130.1 | 90.00 | -1,148.6 | 4,555.6 | 896.9 | 637.9 | 258.95 | 3.464 | | |
| 11,403.5 | 6,900.0 | 11,520.7 | 6,900.0 | 130.7 | 131.0 | 90.00 | -1,148.2 | 4,590.9 | 896.9 | 635.8 | 261.13 | 3.435 SF | | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design | | SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | 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 | | |
| Depth (ft) | Depth (ft) | Depth (ft) | Depth (ft) | (ft) | (ft) | (°) | +N/-S (ft) | +E/-W (ft) | (ft) | (ft) | (ft) | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 179.87 | -120.2 | 0.3 | 120.2 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 179.87 | -120.2 | 0.3 | 120.2 | 120.0 | 0.22 | 534.858 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 179.87 | -120.2 | 0.3 | 120.2 | 119.5 | 0.67 | 178.286 | CC, ES | |
| 300.0 | 300.0 | 297.0 | 296.9 | 0.6 | 0.5 | 179.94 | -121.4 | 0.1 | 121.5 | 120.4 | 1.09 | 110.979 | | |
| 400.0 | 400.0 | 393.8 | 393.7 | 0.8 | 0.7 | -179.84 | -125.1 | -0.3 | 125.3 | 123.7 | 1.52 | 82.601 | | |
| 500.0 | 500.0 | 490.4 | 490.1 | 1.0 | 0.9 | -179.51 | -131.2 | -1.1 | 131.5 | 129.6 | 1.96 | 67.264 | | |
| 600.0 | 600.0 | 586.6 | 585.9 | 1.2 | 1.2 | -179.10 | -139.6 | -2.2 | 140.3 | 137.9 | 2.41 | 58.244 | | |
| 700.0 | 700.0 | 682.3 | 681.0 | 1.5 | 1.5 | -178.65 | -150.4 | -3.6 | 151.6 | 148.7 | 2.88 | 52.704 | | |
| 800.0 | 800.0 | 777.4 | 775.2 | 1.7 | 1.8 | -178.17 | -163.4 | -5.2 | 165.4 | 162.0 | 3.36 | 49.250 | | |
| 900.0 | 900.0 | 871.8 | 868.3 | 1.9 | 2.1 | -177.71 | -178.7 | -7.1 | 181.6 | 177.7 | 3.85 | 47.129 | | |
| 1,000.0 | 1,000.0 | 965.4 | 960.3 | 2.1 | 2.5 | -177.27 | -196.0 | -9.4 | 200.2 | 195.9 | 4.36 | 45.899 | | |
| 1,100.0 | 1,100.0 | 1,058.0 | 1,050.8 | 2.4 | 2.9 | -176.86 | -215.4 | -11.8 | 221.3 | 216.4 | 4.89 | 45.286 | | |
| 1,200.0 | 1,200.0 | 1,149.7 | 1,139.9 | 2.6 | 3.3 | -176.49 | -236.7 | -14.5 | 244.7 | 239.2 | 5.42 | 45.111 | | |
| 1,300.0 | 1,300.0 | 1,240.2 | 1,227.4 | 2.8 | 3.7 | -176.15 | -259.9 | -17.5 | 270.4 | 264.4 | 5.97 | 45.253 | | |
| 1,400.0 | 1,400.0 | 1,329.6 | 1,313.2 | 3.0 | 4.2 | -175.86 | -284.7 | -20.6 | 298.4 | 291.8 | 6.54 | 45.628 | | |
| 1,500.0 | 1,500.0 | 1,418.0 | 1,397.5 | 3.2 | 4.7 | -28.84 | -311.2 | -24.0 | 327.5 | 320.9 | 6.53 | 50.161 | | |
| 1,600.0 | 1,599.9 | 1,513.8 | 1,488.4 | 3.4 | 5.3 | -28.69 | -341.1 | -27.8 | 355.5 | 348.6 | 6.98 | 50.971 | | |
| 1,700.0 | 1,699.7 | 1,610.4 | 1,580.1 | 3.6 | 5.9 | -28.75 | -371.1 | -31.6 | 381.4 | 374.0 | 7.44 | 51.287 | | |
| 1,800.0 | 1,799.3 | 1,707.5 | 1,672.3 | 3.8 | 6.5 | -28.97 | -401.4 | -35.5 | 405.1 | 397.2 | 7.91 | 51.189 | | |
| 1,835.0 | 1,834.1 | 1,741.6 | 1,704.7 | 3.9 | 6.7 | -29.09 | -412.0 | -36.8 | 412.8 | 404.7 | 8.08 | 51.070 | | |
| 1,900.0 | 1,898.6 | 1,805.0 | 1,764.9 | 4.0 | 7.1 | -29.41 | -431.8 | -39.3 | 427.0 | 418.6 | 8.40 | 50.809 | | |
| 2,000.0 | 1,998.0 | 1,902.5 | 1,857.5 | 4.2 | 7.7 | -29.87 | -462.1 | -43.2 | 448.8 | 439.9 | 8.90 | 50.400 | | |
| 2,100.0 | 2,097.3 | 2,000.1 | 1,950.1 | 4.5 | 8.3 | -30.28 | -492.5 | -47.0 | 470.6 | 461.2 | 9.41 | 49.992 | | |
| 2,200.0 | 2,196.7 | 2,097.6 | 2,042.7 | 4.7 | 9.0 | -30.66 | -522.9 | -50.9 | 492.5 | 482.6 | 9.93 | 49.590 | | |
| 2,300.0 | 2,296.0 | 2,195.1 | 2,135.3 | 5.0 | 9.6 | -31.01 | -553.3 | -54.8 | 514.4 | 503.9 | 10.45 | 49.199 | | |
| 2,400.0 | 2,395.4 | 2,292.7 | 2,227.9 | 5.2 | 10.2 | -31.33 | -583.6 | -58.6 | 536.3 | 525.3 | 10.98 | 48.821 | | |
| 2,500.0 | 2,494.8 | 2,390.2 | 2,320.5 | 5.5 | 10.8 | -31.62 | -614.0 | -62.5 | 558.2 | 546.7 | 11.52 | 48.457 | | |
| 2,600.0 | 2,594.1 | 2,487.7 | 2,413.1 | 5.8 | 11.4 | -31.89 | -644.4 | -66.3 | 580.1 | 568.0 | 12.06 | 48.107 | | |
| 2,700.0 | 2,693.5 | 2,585.3 | 2,505.7 | 6.1 | 12.0 | -32.14 | -674.8 | -70.2 | 602.0 | 589.4 | 12.60 | 47.773 | | |
| 2,800.0 | 2,792.8 | 2,682.8 | 2,598.3 | 6.3 | 12.7 | -32.38 | -705.1 | -74.1 | 624.0 | 610.8 | 13.15 | 47.454 | | |
| 2,900.0 | 2,892.2 | 2,780.3 | 2,690.9 | 6.6 | 13.3 | -32.59 | -735.5 | -77.9 | 645.9 | 632.2 | 13.70 | 47.149 | | |
| 3,000.0 | 2,991.5 | 2,877.9 | 2,783.5 | 6.9 | 13.9 | -32.80 | -765.9 | -81.8 | 667.9 | 653.6 | 14.25 | 46.859 | | |
| 3,100.0 | 3,090.9 | 2,975.4 | 2,876.1 | 7.2 | 14.5 | -32.99 | -796.3 | -85.6 | 689.8 | 675.0 | 14.81 | 46.582 | | |
| 3,200.0 | 3,190.2 | 3,072.9 | 2,968.7 | 7.5 | 15.1 | -33.17 | -826.6 | -89.5 | 711.8 | 696.5 | 15.37 | 46.318 | | |
| 3,300.0 | 3,289.6 | 3,170.5 | 3,061.3 | 7.8 | 15.8 | -33.33 | -857.0 | -93.4 | 733.8 | 717.9 | 15.93 | 46.067 | | |
| 3,400.0 | 3,388.9 | 3,268.0 | 3,153.9 | 8.1 | 16.4 | -33.49 | -887.4 | -97.2 | 755.8 | 739.3 | 16.49 | 45.827 | | |
| 3,500.0 | 3,488.3 | 3,365.5 | 3,246.5 | 8.4 | 17.0 | -33.64 | -917.8 | -101.1 | 777.8 | 760.7 | 17.06 | 45.599 | | |
| 3,600.0 | 3,587.6 | 3,463.1 | 3,339.1 | 8.7 | 17.6 | -33.78 | -948.1 | -104.9 | 799.8 | 782.2 | 17.62 | 45.381 | | |
| 3,700.0 | 3,687.0 | 3,560.6 | 3,431.7 | 9.0 | 18.2 | -33.92 | -978.5 | -108.8 | 821.8 | 803.6 | 18.19 | 45.173 | | |
| 3,800.0 | 3,786.3 | 3,658.1 | 3,524.3 | 9.3 | 18.9 | -34.04 | -1,008.9 | -112.7 | 843.8 | 825.0 | 18.76 | 44.974 | | |
| 3,900.0 | 3,885.7 | 3,755.7 | 3,616.9 | 9.6 | 19.5 | -34.16 | -1,039.3 | -116.5 | 865.8 | 846.5 | 19.33 | 44.784 | | |
| 4,000.0 | 3,985.0 | 3,853.2 | 3,709.5 | 9.9 | 20.1 | -34.28 | -1,069.6 | -120.4 | 887.8 | 867.9 | 19.90 | 44.602 | | |
| 4,100.0 | 4,084.4 | 3,950.7 | 3,802.1 | 10.2 | 20.7 | -34.39 | -1,100.0 | -124.2 | 909.8 | 889.3 | 20.48 | 44.429 | | |
| 4,200.0 | 4,183.7 | 4,048.3 | 3,894.7 | 10.5 | 21.3 | -34.49 | -1,130.4 | -128.1 | 931.8 | 910.8 | 21.05 | 44.262 | | |
| 4,300.0 | 4,283.1 | 4,145.8 | 3,987.3 | 10.8 | 22.0 | -34.59 | -1,160.8 | -132.0 | 953.9 | 932.2 | 21.63 | 44.103 | | |
| 4,400.0 | 4,382.4 | 4,243.3 | 4,079.9 | 11.1 | 22.6 | -34.68 | -1,191.1 | -135.8 | 975.9 | 953.7 | 22.20 | 43.950 | | |
| 4,500.0 | 4,481.8 | 4,340.9 | 4,172.6 | 11.4 | 23.2 | -34.77 | -1,221.5 | -139.7 | 997.9 | 975.1 | 22.78 | 43.803 | SF | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | 179.60 | -40.1 | 0.3 | 40.1 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 179.60 | -40.1 | 0.3 | 40.1 | 39.9 | 0.22 | 178.296 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 179.60 | -40.1 | 0.3 | 40.1 | 39.4 | 0.67 | 59.432 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | 179.60 | -40.1 | 0.3 | 40.1 | 39.0 | 1.12 | 35.659 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | 179.60 | -40.1 | 0.3 | 40.1 | 38.5 | 1.57 | 25.471 | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | 179.60 | -40.1 | 0.3 | 40.1 | 38.1 | 2.02 | 19.811 | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | 179.60 | -40.1 | 0.3 | 40.1 | 37.6 | 2.47 | 16.209 | | |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.5 | 1.5 | 179.60 | -40.1 | 0.3 | 40.1 | 37.2 | 2.92 | 13.715 | | |
| 800.0 | 800.0 | 800.0 | 800.0 | 1.7 | 1.7 | 179.60 | -40.1 | 0.3 | 40.1 | 36.7 | 3.37 | 11.886 | | |
| 900.0 | 900.0 | 900.0 | 900.0 | 1.9 | 1.9 | 179.60 | -40.1 | 0.3 | 40.1 | 36.3 | 3.82 | 10.488 | | |
| 1,000.0 | 1,000.0 | 1,000.0 | 1,000.0 | 2.1 | 2.1 | 179.60 | -40.1 | 0.3 | 40.1 | 35.8 | 4.27 | 9.384 CC, ES | | |
| 1,100.0 | 1,100.0 | 1,099.0 | 1,099.0 | 2.4 | 2.3 | -179.89 | -41.3 | -0.1 | 41.3 | 36.6 | 4.69 | 8.809 | | |
| 1,200.0 | 1,200.0 | 1,197.8 | 1,197.7 | 2.6 | 2.5 | -178.52 | -45.0 | -1.2 | 45.1 | 40.0 | 5.09 | 8.852 | | |
| 1,300.0 | 1,300.0 | 1,296.4 | 1,296.1 | 2.8 | 2.7 | -176.69 | -51.1 | -3.0 | 51.3 | 45.8 | 5.50 | 9.334 | | |
| 1,400.0 | 1,400.0 | 1,394.6 | 1,393.9 | 3.0 | 2.9 | -174.77 | -59.6 | -5.5 | 60.2 | 54.3 | 5.92 | 10.163 | | |
| 1,500.0 | 1,500.0 | 1,492.4 | 1,491.1 | 3.2 | 3.1 | -26.77 | -70.5 | -8.6 | 70.4 | 64.1 | 6.31 | 11.162 | | |
| 1,600.0 | 1,599.9 | 1,590.0 | 1,587.6 | 3.4 | 3.4 | -26.26 | -83.7 | -12.5 | 80.9 | 74.2 | 6.68 | 12.097 | | |
| 1,700.0 | 1,699.7 | 1,687.6 | 1,683.9 | 3.6 | 3.6 | -26.32 | -99.3 | -17.1 | 91.4 | 84.4 | 7.07 | 12.928 | | |
| 1,800.0 | 1,799.3 | 1,787.2 | 1,781.9 | 3.8 | 3.9 | -26.94 | -116.0 | -22.0 | 100.6 | 93.1 | 7.47 | 13.457 | | |
| 1,835.0 | 1,834.1 | 1,822.1 | 1,816.3 | 3.9 | 4.0 | -27.29 | -121.9 | -23.7 | 103.3 | 95.6 | 7.62 | 13.551 | | |
| 1,900.0 | 1,898.6 | 1,886.9 | 1,880.1 | 4.0 | 4.3 | -28.00 | -132.8 | -26.9 | 107.9 | 100.0 | 7.90 | 13.666 | | |
| 2,000.0 | 1,998.0 | 1,986.6 | 1,978.3 | 4.2 | 4.6 | -28.98 | -149.5 | -31.8 | 115.2 | 106.8 | 8.34 | 13.816 | | |
| 2,100.0 | 2,097.3 | 2,086.3 | 2,076.5 | 4.5 | 4.9 | -29.84 | -166.3 | -36.7 | 122.4 | 113.6 | 8.79 | 13.933 | | |
| 2,200.0 | 2,196.7 | 2,186.0 | 2,174.6 | 4.7 | 5.3 | -30.61 | -183.0 | -41.7 | 129.7 | 120.5 | 9.25 | 14.026 | | |
| 2,300.0 | 2,296.0 | 2,285.8 | 2,272.8 | 5.0 | 5.6 | -31.29 | -199.8 | -46.6 | 137.0 | 127.3 | 9.72 | 14.100 | | |
| 2,400.0 | 2,395.4 | 2,385.5 | 2,371.0 | 5.2 | 6.0 | -31.91 | -216.6 | -51.5 | 144.4 | 134.2 | 10.20 | 14.157 | | |
| 2,500.0 | 2,494.8 | 2,485.2 | 2,469.2 | 5.5 | 6.4 | -32.46 | -233.3 | -56.4 | 151.7 | 141.0 | 10.68 | 14.201 | | |
| 2,600.0 | 2,594.1 | 2,584.9 | 2,567.3 | 5.8 | 6.8 | -32.97 | -250.1 | -61.3 | 159.1 | 147.9 | 11.18 | 14.233 | | |
| 2,700.0 | 2,693.5 | 2,684.6 | 2,665.5 | 6.1 | 7.1 | -33.43 | -266.8 | -66.2 | 166.4 | 154.8 | 11.67 | 14.257 | | |
| 2,800.0 | 2,792.8 | 2,784.4 | 2,763.7 | 6.3 | 7.5 | -33.85 | -283.6 | -71.2 | 173.8 | 161.6 | 12.18 | 14.274 | | |
| 2,900.0 | 2,892.2 | 2,884.1 | 2,861.9 | 6.6 | 7.9 | -34.23 | -300.3 | -76.1 | 181.2 | 168.5 | 12.68 | 14.285 | | |
| 3,000.0 | 2,991.5 | 2,983.8 | 2,960.1 | 6.9 | 8.3 | -34.59 | -317.1 | -81.0 | 188.6 | 175.4 | 13.20 | 14.290 | | |
| 3,100.0 | 3,090.9 | 3,083.5 | 3,058.2 | 7.2 | 8.7 | -34.92 | -333.9 | -85.9 | 196.0 | 182.3 | 13.71 | 14.292 | | |
| 3,200.0 | 3,190.2 | 3,183.2 | 3,156.4 | 7.5 | 9.1 | -35.22 | -350.6 | -90.8 | 203.4 | 189.2 | 14.23 | 14.291 | | |
| 3,300.0 | 3,289.6 | 3,283.0 | 3,254.6 | 7.8 | 9.4 | -35.51 | -367.4 | -95.7 | 210.8 | 196.1 | 14.76 | 14.287 | | |
| 3,400.0 | 3,388.9 | 3,382.7 | 3,352.8 | 8.1 | 9.8 | -35.77 | -384.1 | -100.7 | 218.2 | 202.9 | 15.28 | 14.281 | | |
| 3,500.0 | 3,488.3 | 3,482.4 | 3,451.0 | 8.4 | 10.2 | -36.02 | -400.9 | -105.6 | 225.6 | 209.8 | 15.81 | 14.274 | | |
| 3,600.0 | 3,587.6 | 3,582.1 | 3,549.1 | 8.7 | 10.6 | -36.25 | -417.7 | -110.5 | 233.1 | 216.7 | 16.34 | 14.265 | | |
| 3,700.0 | 3,687.0 | 3,681.8 | 3,647.3 | 9.0 | 11.0 | -36.47 | -434.4 | -115.4 | 240.5 | 223.6 | 16.87 | 14.255 | | |
| 3,800.0 | 3,786.3 | 3,781.6 | 3,745.5 | 9.3 | 11.4 | -36.67 | -451.2 | -120.3 | 247.9 | 230.5 | 17.41 | 14.244 | | |
| 3,900.0 | 3,885.7 | 3,881.3 | 3,843.7 | 9.6 | 11.8 | -36.86 | -467.9 | -125.2 | 255.4 | 237.4 | 17.94 | 14.233 | | |
| 4,000.0 | 3,985.0 | 3,981.0 | 3,941.8 | 9.9 | 12.2 | -37.04 | -484.7 | -130.2 | 262.8 | 244.3 | 18.48 | 14.221 | | |
| 4,100.0 | 4,084.4 | 4,080.7 | 4,040.0 | 10.2 | 12.6 | -37.21 | -501.4 | -135.1 | 270.2 | 251.2 | 19.02 | 14.209 | | |
| 4,200.0 | 4,183.7 | 4,180.4 | 4,138.2 | 10.5 | 13.0 | -37.38 | -518.2 | -140.0 | 277.7 | 258.1 | 19.56 | 14.196 | | |
| 4,300.0 | 4,283.1 | 4,280.2 | 4,236.4 | 10.8 | 13.4 | -37.53 | -535.0 | -144.9 | 285.1 | 265.0 | 20.10 | 14.184 | | |
| 4,400.0 | 4,382.4 | 4,379.9 | 4,334.6 | 11.1 | 13.8 | -37.68 | -551.7 | -149.8 | 292.6 | 271.9 | 20.65 | 14.171 | | |
| 4,500.0 | 4,481.8 | 4,479.6 | 4,432.7 | 11.4 | 14.2 | -37.81 | -568.5 | -154.7 | 300.0 | 278.8 | 21.19 | 14.158 | | |
| 4,600.0 | 4,581.1 | 4,579.3 | 4,530.9 | 11.7 | 14.6 | -37.95 | -585.2 | -159.6 | 307.5 | 285.7 | 21.74 | 14.145 | | |
| 4,693.9 | 4,674.4 | 4,673.0 | 4,623.1 | 12.0 | 15.0 | -38.06 | -601.0 | -164.3 | 314.5 | 292.2 | 22.25 | 14.134 | | |
| 4,700.0 | 4,680.5 | 4,679.0 | 4,629.1 | 12.0 | 15.0 | -38.08 | -602.0 | -164.6 | 314.9 | 292.6 | 22.28 | 14.134 | | |
| 4,800.0 | 4,780.1 | 4,778.6 | 4,727.1 | 12.2 | 15.4 | -38.09 | -618.7 | -169.5 | 323.9 | 301.2 | 22.76 | 14.234 | | |
| 4,900.0 | 4,879.9 | 4,877.9 | 4,824.9 | 12.4 | 15.8 | -37.78 | -635.4 | -174.4 | 335.6 | 312.5 | 23.17 | 14.485 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | | |
| 5,000.0 | 4,979.8 | 4,976.7 | 4,922.2 | 12.6 | 16.2 | -37.18 | -652.0 | -179.2 | 350.1 | 326.6 | 23.53 | 14.882 | | |
| 5,020.2 | 5,000.0 | 4,996.6 | 4,941.7 | 12.6 | 16.3 | 176.34 | -655.4 | -180.2 | 353.4 | 325.6 | 27.84 | 12.696 | | |
| 5,100.0 | 5,079.8 | 5,075.2 | 5,019.1 | 12.8 | 16.6 | 177.08 | -668.6 | -184.1 | 366.6 | 338.3 | 28.34 | 12.935 | | |
| 5,200.0 | 5,179.8 | 5,176.3 | 5,118.7 | 13.0 | 17.0 | 177.96 | -685.5 | -189.1 | 383.1 | 354.2 | 28.96 | 13.230 | | |
| 5,300.0 | 5,279.8 | 5,289.9 | 5,231.0 | 13.1 | 17.3 | 178.74 | -701.7 | -193.8 | 397.3 | 367.8 | 29.50 | 13.469 | | |
| 5,400.0 | 5,379.8 | 5,404.7 | 5,345.2 | 13.3 | 17.5 | 179.27 | -713.7 | -197.3 | 407.7 | 377.7 | 29.97 | 13.605 | | |
| 5,500.0 | 5,479.8 | 5,520.4 | 5,460.5 | 13.5 | 17.8 | 179.59 | -721.3 | -199.6 | 414.3 | 383.9 | 30.38 | 13.637 | | |
| 5,600.0 | 5,579.8 | 5,636.5 | 5,576.6 | 13.6 | 17.9 | 179.72 | -724.5 | -200.5 | 417.0 | 386.3 | 30.75 | 13.563 | | |
| 5,700.0 | 5,679.8 | 5,739.7 | 5,679.8 | 13.8 | 18.1 | 179.73 | -724.6 | -200.5 | 417.1 | 386.0 | 31.07 | 13.426 | | |
| 5,800.0 | 5,779.8 | 5,839.7 | 5,779.8 | 14.0 | 18.2 | 179.73 | -724.6 | -200.5 | 417.1 | 385.7 | 31.37 | 13.295 | | |
| 5,900.0 | 5,879.8 | 5,939.7 | 5,879.8 | 14.2 | 18.3 | 179.73 | -724.6 | -200.5 | 417.1 | 385.4 | 31.68 | 13.165 | | |
| 6,000.0 | 5,979.8 | 6,039.7 | 5,979.8 | 14.3 | 18.4 | 179.73 | -724.6 | -200.5 | 417.1 | 385.1 | 31.99 | 13.036 | | |
| 6,100.0 | 6,079.8 | 6,139.7 | 6,079.8 | 14.5 | 18.6 | 179.73 | -724.6 | -200.5 | 417.1 | 384.8 | 32.31 | 12.909 | | |
| 6,204.0 | 6,183.8 | 6,243.7 | 6,183.8 | 14.7 | 18.7 | 179.73 | -724.6 | -200.5 | 417.1 | 384.4 | 32.64 | 12.778 | | |
| 6,250.0 | 6,229.8 | 6,289.7 | 6,229.8 | 14.8 | 18.8 | 90.60 | -724.6 | -200.5 | 417.1 | 388.9 | 28.15 | 14.815 | | |
| 6,300.0 | 6,279.5 | 6,339.5 | 6,279.5 | 14.8 | 18.8 | 91.27 | -724.6 | -200.5 | 417.2 | 388.9 | 28.26 | 14.761 | | |
| 6,350.0 | 6,328.8 | 6,388.7 | 6,328.8 | 14.9 | 18.9 | 92.39 | -724.6 | -200.5 | 417.4 | 389.1 | 28.32 | 14.740 | | |
| 6,400.0 | 6,377.4 | 6,437.3 | 6,377.4 | 15.0 | 19.0 | 93.91 | -724.6 | -200.5 | 418.1 | 389.8 | 28.34 | 14.753 | | |
| 6,450.0 | 6,425.0 | 6,484.9 | 6,425.0 | 15.0 | 19.0 | 95.77 | -724.6 | -200.5 | 419.5 | 391.1 | 28.33 | 14.807 | | |
| 6,500.0 | 6,471.5 | 6,531.4 | 6,471.5 | 15.0 | 19.1 | 97.90 | -724.6 | -200.5 | 421.8 | 393.5 | 28.29 | 14.909 | | |
| 6,550.0 | 6,516.5 | 6,578.1 | 6,518.2 | 15.0 | 19.2 | 100.31 | -724.6 | -200.4 | 425.6 | 397.4 | 28.24 | 15.073 | | |
| 6,600.0 | 6,560.0 | 6,629.8 | 6,569.8 | 15.1 | 19.2 | 102.95 | -724.5 | -197.5 | 430.6 | 402.4 | 28.16 | 15.292 | | |
| 6,650.0 | 6,601.6 | 6,683.5 | 6,623.1 | 15.1 | 19.3 | 105.54 | -724.5 | -190.5 | 436.6 | 408.5 | 28.07 | 15.557 | | |
| 6,700.0 | 6,641.1 | 6,739.5 | 6,677.8 | 15.1 | 19.3 | 108.08 | -724.3 | -179.1 | 443.6 | 415.6 | 27.96 | 15.864 | | |
| 6,750.0 | 6,678.5 | 6,797.9 | 6,733.8 | 15.1 | 19.4 | 110.54 | -724.1 | -162.6 | 451.3 | 423.4 | 27.84 | 16.210 | | |
| 6,800.0 | 6,713.4 | 6,858.9 | 6,790.8 | 15.2 | 19.4 | 112.92 | -723.9 | -140.5 | 459.6 | 431.9 | 27.71 | 16.585 | | |
| 6,850.0 | 6,745.7 | 6,923.0 | 6,848.2 | 15.2 | 19.4 | 115.20 | -723.5 | -112.3 | 468.3 | 440.8 | 27.59 | 16.977 | | |
| 6,900.0 | 6,775.3 | 6,990.1 | 6,905.5 | 15.3 | 19.4 | 117.36 | -723.1 | -77.3 | 477.3 | 449.8 | 27.48 | 17.367 | | |
| 6,950.0 | 6,802.1 | 7,060.6 | 6,961.8 | 15.8 | 19.5 | 119.38 | -722.6 | -35.0 | 486.1 | 458.7 | 27.43 | 17.724 | | |
| 7,000.0 | 6,825.8 | 7,134.5 | 7,016.0 | 16.3 | 19.5 | 121.24 | -722.0 | 15.1 | 494.7 | 467.2 | 27.47 | 18.009 | | |
| 7,050.0 | 6,846.4 | 7,211.9 | 7,067.0 | 17.0 | 19.6 | 122.92 | -721.4 | 73.3 | 502.7 | 475.0 | 27.64 | 18.185 | | |
| 7,100.0 | 6,863.7 | 7,292.6 | 7,113.2 | 17.7 | 19.7 | 124.37 | -720.6 | 139.4 | 509.8 | 481.8 | 28.04 | 18.184 | | |
| 7,150.0 | 6,877.8 | 7,376.5 | 7,153.0 | 18.5 | 19.9 | 125.58 | -719.7 | 213.2 | 515.9 | 487.2 | 28.71 | 17.972 | | |
| 7,200.0 | 6,888.4 | 7,463.0 | 7,184.7 | 19.3 | 20.3 | 126.52 | -718.8 | 293.7 | 520.7 | 491.0 | 29.69 | 17.537 | | |
| 7,250.0 | 6,895.7 | 7,551.7 | 7,206.9 | 20.2 | 21.2 | 127.15 | -717.8 | 379.4 | 523.9 | 492.9 | 31.02 | 16.890 | | |
| 7,300.0 | 6,899.4 | 7,641.6 | 7,218.5 | 21.2 | 22.5 | 127.46 | -716.7 | 468.6 | 525.5 | 492.8 | 32.70 | 16.070 | | |
| 7,329.0 | 6,900.0 | 7,691.6 | 7,220.0 | 21.8 | 23.4 | 127.50 | -716.1 | 518.5 | 525.7 | 491.9 | 33.78 | 15.561 | | |
| 7,400.0 | 6,900.0 | 7,762.6 | 7,220.0 | 23.2 | 24.7 | 127.50 | -715.3 | 589.6 | 525.7 | 489.5 | 36.17 | 14.535 | | |
| 7,500.0 | 6,900.0 | 7,862.6 | 7,220.0 | 25.4 | 26.7 | 127.50 | -714.1 | 689.6 | 525.7 | 486.0 | 39.70 | 13.240 | | |
| 7,600.0 | 6,900.0 | 7,962.6 | 7,220.0 | 27.7 | 28.9 | 127.50 | -713.0 | 789.6 | 525.7 | 482.3 | 43.43 | 12.104 | | |
| 7,700.0 | 6,900.0 | 8,062.6 | 7,220.0 | 30.1 | 31.2 | 127.50 | -711.8 | 889.5 | 525.7 | 478.4 | 47.30 | 11.114 | | |
| 7,800.0 | 6,900.0 | 8,162.6 | 7,220.0 | 32.5 | 33.5 | 127.50 | -710.6 | 989.5 | 525.7 | 474.4 | 51.28 | 10.251 | | |
| 7,900.0 | 6,900.0 | 8,262.6 | 7,220.0 | 35.0 | 36.0 | 127.50 | -709.5 | 1,089.5 | 525.7 | 470.3 | 55.35 | 9.498 | | |
| 8,000.0 | 6,900.0 | 8,362.6 | 7,220.0 | 37.6 | 38.4 | 127.50 | -708.3 | 1,189.5 | 525.7 | 466.2 | 59.49 | 8.837 | | |
| 8,100.0 | 6,900.0 | 8,462.6 | 7,220.0 | 40.1 | 40.9 | 127.50 | -707.1 | 1,289.5 | 525.7 | 462.0 | 63.68 | 8.255 | | |
| 8,200.0 | 6,900.0 | 8,562.6 | 7,220.0 | 42.7 | 43.5 | 127.50 | -705.9 | 1,389.5 | 525.7 | 457.8 | 67.92 | 7.740 | | |
| 8,300.0 | 6,900.0 | 8,662.6 | 7,220.0 | 45.4 | 46.1 | 127.50 | -704.8 | 1,489.5 | 525.7 | 453.5 | 72.20 | 7.282 | | |
| 8,400.0 | 6,900.0 | 8,762.6 | 7,220.0 | 48.0 | 48.7 | 127.50 | -703.6 | 1,589.5 | 525.7 | 449.2 | 76.50 | 6.872 | | |
| 8,500.0 | 6,900.0 | 8,862.6 | 7,220.0 | 50.7 | 51.3 | 127.50 | -702.4 | 1,689.5 | 525.7 | 444.9 | 80.84 | 6.503 | | |
| 8,600.0 | 6,900.0 | 8,962.6 | 7,220.0 | 53.4 | 54.0 | 127.50 | -701.2 | 1,789.5 | 525.7 | 440.5 | 85.19 | 6.171 | | |
| 8,700.0 | 6,900.0 | 9,062.6 | 7,220.0 | 56.1 | 56.6 | 127.50 | -700.1 | 1,889.5 | 525.7 | 436.1 | 89.57 | 5.869 | | |
| 8,800.0 | 6,900.0 | 9,162.6 | 7,220.0 | 58.8 | 59.3 | 127.50 | -698.9 | 1,989.5 | 525.7 | 431.7 | 93.96 | 5.595 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design | | SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | 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) | | | | |
| 8,900.0 | 6,900.0 | 9,262.6 | 7,220.0 | 61.5 | 62.0 | 127.50 | -697.7 | 2,089.5 | 525.7 | 427.3 | 98.36 | 5.345 | | | |
| 9,000.0 | 6,900.0 | 9,362.6 | 7,220.0 | 64.2 | 64.7 | 127.50 | -696.6 | 2,189.5 | 525.7 | 422.9 | 102.78 | 5.115 | | | |
| 9,100.0 | 6,900.0 | 9,462.6 | 7,220.0 | 66.9 | 67.4 | 127.50 | -695.4 | 2,289.4 | 525.7 | 418.5 | 107.21 | 4.904 | | | |
| 9,200.0 | 6,900.0 | 9,562.6 | 7,220.0 | 69.7 | 70.1 | 127.50 | -694.2 | 2,389.4 | 525.7 | 414.1 | 111.65 | 4.709 | | | |
| 9,300.0 | 6,900.0 | 9,662.6 | 7,220.0 | 72.4 | 72.8 | 127.50 | -693.0 | 2,489.4 | 525.7 | 409.6 | 116.09 | 4.528 | | | |
| 9,400.0 | 6,900.0 | 9,762.6 | 7,220.0 | 75.1 | 75.5 | 127.50 | -691.9 | 2,589.4 | 525.7 | 405.2 | 120.55 | 4.361 | | | |
| 9,500.0 | 6,900.0 | 9,862.6 | 7,220.0 | 77.9 | 78.3 | 127.50 | -690.7 | 2,689.4 | 525.7 | 400.7 | 125.01 | 4.205 | | | |
| 9,600.0 | 6,900.0 | 9,962.6 | 7,220.0 | 80.6 | 81.0 | 127.50 | -689.5 | 2,789.4 | 525.7 | 396.2 | 129.47 | 4.060 | | | |
| 9,700.0 | 6,900.0 | 10,062.6 | 7,220.0 | 83.4 | 83.8 | 127.50 | -688.4 | 2,889.4 | 525.7 | 391.8 | 133.95 | 3.925 | | | |
| 9,800.0 | 6,900.0 | 10,162.6 | 7,220.0 | 86.2 | 86.5 | 127.50 | -687.2 | 2,989.4 | 525.7 | 387.3 | 138.42 | 3.798 | | | |
| 9,900.0 | 6,900.0 | 10,262.6 | 7,220.0 | 88.9 | 89.2 | 127.50 | -686.0 | 3,089.4 | 525.7 | 382.8 | 142.90 | 3.679 | | | |
| 10,000.0 | 6,900.0 | 10,362.6 | 7,220.0 | 91.7 | 92.0 | 127.50 | -684.8 | 3,189.4 | 525.7 | 378.3 | 147.39 | 3.567 | | | |
| 10,100.0 | 6,900.0 | 10,462.6 | 7,220.0 | 94.4 | 94.7 | 127.50 | -683.7 | 3,289.4 | 525.7 | 373.8 | 151.88 | 3.461 | | | |
| 10,200.0 | 6,900.0 | 10,562.6 | 7,220.0 | 97.2 | 97.5 | 127.49 | -682.5 | 3,389.4 | 525.7 | 369.3 | 156.37 | 3.362 | | | |
| 10,300.0 | 6,900.0 | 10,662.6 | 7,220.0 | 100.0 | 100.3 | 127.49 | -681.3 | 3,489.4 | 525.7 | 364.9 | 160.86 | 3.268 | | | |
| 10,400.0 | 6,900.0 | 10,762.6 | 7,220.0 | 102.8 | 103.0 | 127.49 | -680.2 | 3,589.4 | 525.7 | 360.4 | 165.36 | 3.179 | | | |
| 10,500.0 | 6,900.0 | 10,862.6 | 7,220.0 | 105.5 | 105.8 | 127.49 | -679.0 | 3,689.4 | 525.7 | 355.9 | 169.86 | 3.095 | | | |
| 10,600.0 | 6,900.0 | 10,962.6 | 7,220.0 | 108.3 | 108.6 | 127.49 | -677.8 | 3,789.3 | 525.7 | 351.4 | 174.37 | 3.015 | | | |
| 10,700.0 | 6,900.0 | 11,062.6 | 7,220.0 | 111.1 | 111.3 | 127.49 | -676.6 | 3,889.3 | 525.7 | 346.9 | 178.87 | 2.939 | | | |
| 10,800.0 | 6,900.0 | 11,162.6 | 7,220.0 | 113.9 | 114.1 | 127.49 | -675.5 | 3,989.3 | 525.7 | 342.3 | 183.38 | 2.867 | | | |
| 10,900.0 | 6,900.0 | 11,262.6 | 7,220.0 | 116.6 | 116.9 | 127.49 | -674.3 | 4,089.3 | 525.7 | 337.8 | 187.89 | 2.798 | | | |
| 11,000.0 | 6,900.0 | 11,362.6 | 7,220.0 | 119.4 | 119.6 | 127.49 | -673.1 | 4,189.3 | 525.7 | 333.3 | 192.40 | 2.732 | | | |
| 11,100.0 | 6,900.0 | 11,462.6 | 7,220.0 | 122.2 | 122.4 | 127.49 | -671.9 | 4,289.3 | 525.7 | 328.8 | 196.91 | 2.670 | | | |
| 11,200.0 | 6,900.0 | 11,562.6 | 7,220.0 | 125.0 | 125.2 | 127.49 | -670.8 | 4,389.3 | 525.7 | 324.3 | 201.42 | 2.610 | | | |
| 11,300.0 | 6,900.0 | 11,662.6 | 7,220.0 | 127.8 | 128.0 | 127.49 | -669.6 | 4,489.3 | 525.7 | 319.8 | 205.94 | 2.553 | | | |
| 11,362.2 | 6,900.0 | 11,724.9 | 7,220.0 | 129.5 | 129.7 | 127.49 | -668.9 | 4,551.5 | 525.7 | 317.0 | 208.75 | 2.518 | | | |
| 11,403.5 | 6,900.0 | 11,762.8 | 7,220.0 | 130.7 | 130.8 | 127.49 | -668.4 | 4,589.4 | 525.7 | 315.2 | 210.54 | 2.497 SF | | | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | | 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 | -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 | 89.146 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -180.00 | -20.0 | 0.0 | 20.0 | 19.4 | 0.67 | 29.715 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -180.00 | -20.0 | 0.0 | 20.0 | 18.9 | 1.12 | 17.829 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -180.00 | -20.0 | 0.0 | 20.0 | 18.5 | 1.57 | 12.735 | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | -180.00 | -20.0 | 0.0 | 20.0 | 18.0 | 2.02 | 9.905 | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | -180.00 | -20.0 | 0.0 | 20.0 | 17.6 | 2.47 | 8.104 | | |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.5 | 1.5 | -180.00 | -20.0 | 0.0 | 20.0 | 17.1 | 2.92 | 6.857 | | |
| 800.0 | 800.0 | 800.0 | 800.0 | 1.7 | 1.7 | -180.00 | -20.0 | 0.0 | 20.0 | 16.7 | 3.37 | 5.943 | | |
| 900.0 | 900.0 | 900.0 | 900.0 | 1.9 | 1.9 | -180.00 | -20.0 | 0.0 | 20.0 | 16.2 | 3.82 | 5.244 | | |
| 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 | 4.692 | | |
| 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 | 4.245 | | |
| 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 | 3.876 CC, ES | | |
| 1,300.0 | 1,300.0 | 1,299.5 | 1,299.5 | 2.8 | 2.8 | -178.86 | -21.3 | -0.4 | 21.3 | 15.7 | 5.59 | 3.805 | | |
| 1,400.0 | 1,400.0 | 1,398.8 | 1,398.7 | 3.0 | 3.0 | -176.14 | -24.9 | -1.7 | 25.0 | 19.0 | 5.99 | 4.177 | | |
| 1,500.0 | 1,500.0 | 1,498.0 | 1,497.7 | 3.2 | 3.1 | -27.48 | -31.0 | -3.8 | 30.2 | 23.8 | 6.37 | 4.737 | | |
| 1,600.0 | 1,599.9 | 1,597.0 | 1,596.3 | 3.4 | 3.3 | -27.04 | -39.5 | -6.7 | 35.5 | 28.8 | 6.73 | 5.280 | | |
| 1,700.0 | 1,699.7 | 1,695.9 | 1,694.5 | 3.6 | 3.5 | -27.57 | -50.4 | -10.5 | 41.1 | 34.0 | 7.11 | 5.787 | | |
| 1,800.0 | 1,799.3 | 1,794.6 | 1,792.2 | 3.8 | 3.8 | -28.70 | -63.7 | -15.0 | 46.9 | 39.4 | 7.49 | 6.260 | | |
| 1,835.0 | 1,834.1 | 1,829.2 | 1,826.4 | 3.9 | 3.9 | -29.20 | -68.9 | -16.8 | 49.0 | 41.3 | 7.63 | 6.418 | | |
| 1,900.0 | 1,898.6 | 1,894.1 | 1,890.4 | 4.0 | 4.1 | -30.16 | -78.9 | -20.3 | 52.8 | 44.9 | 7.90 | 6.679 | | |
| 2,000.0 | 1,998.0 | 1,993.9 | 1,988.9 | 4.2 | 4.3 | -31.40 | -94.2 | -25.5 | 58.6 | 50.3 | 8.33 | 7.040 | | |
| 2,100.0 | 2,097.3 | 2,093.7 | 2,087.4 | 4.5 | 4.6 | -32.41 | -109.6 | -30.8 | 64.5 | 55.8 | 8.77 | 7.357 | | |
| 2,200.0 | 2,196.7 | 2,193.6 | 2,185.9 | 4.7 | 5.0 | -33.25 | -124.9 | -36.1 | 70.4 | 61.2 | 9.23 | 7.636 | | |
| 2,300.0 | 2,296.0 | 2,293.4 | 2,284.4 | 5.0 | 5.3 | -33.96 | -140.3 | -41.4 | 76.4 | 66.7 | 9.69 | 7.881 | | |
| 2,400.0 | 2,395.4 | 2,393.2 | 2,382.9 | 5.2 | 5.6 | -34.57 | -155.6 | -46.7 | 82.3 | 72.1 | 10.16 | 8.098 | | |
| 2,500.0 | 2,494.8 | 2,493.0 | 2,481.4 | 5.5 | 5.9 | -35.09 | -170.9 | -51.9 | 88.2 | 77.6 | 10.64 | 8.290 | | |
| 2,600.0 | 2,594.1 | 2,592.8 | 2,579.8 | 5.8 | 6.3 | -35.55 | -186.3 | -57.2 | 94.2 | 83.1 | 11.13 | 8.460 | | |
| 2,700.0 | 2,693.5 | 2,692.7 | 2,678.3 | 6.1 | 6.6 | -35.96 | -201.6 | -62.5 | 100.1 | 88.5 | 11.63 | 8.612 | | |
| 2,800.0 | 2,792.8 | 2,792.5 | 2,776.8 | 6.3 | 7.0 | -36.32 | -217.0 | -67.8 | 106.1 | 94.0 | 12.13 | 8.748 | | |
| 2,900.0 | 2,892.2 | 2,892.3 | 2,875.3 | 6.6 | 7.3 | -36.64 | -232.3 | -73.1 | 112.1 | 99.4 | 12.63 | 8.871 | | |
| 3,000.0 | 2,991.5 | 2,992.1 | 2,973.8 | 6.9 | 7.7 | -36.93 | -247.6 | -78.3 | 118.0 | 104.9 | 13.14 | 8.980 | | |
| 3,100.0 | 3,090.9 | 3,091.9 | 3,072.3 | 7.2 | 8.1 | -37.19 | -263.0 | -83.6 | 124.0 | 110.3 | 13.65 | 9.080 | | |
| 3,200.0 | 3,190.2 | 3,191.8 | 3,170.8 | 7.5 | 8.4 | -37.42 | -278.3 | -88.9 | 129.9 | 115.8 | 14.17 | 9.170 | | |
| 3,300.0 | 3,289.6 | 3,291.6 | 3,269.3 | 7.8 | 8.8 | -37.64 | -293.7 | -94.2 | 135.9 | 121.2 | 14.69 | 9.251 | | |
| 3,400.0 | 3,388.9 | 3,391.4 | 3,367.8 | 8.1 | 9.1 | -37.84 | -309.0 | -99.5 | 141.9 | 126.7 | 15.21 | 9.326 | | |
| 3,500.0 | 3,488.3 | 3,491.2 | 3,466.3 | 8.4 | 9.5 | -38.02 | -324.3 | -104.7 | 147.9 | 132.1 | 15.74 | 9.394 | | |
| 3,600.0 | 3,587.6 | 3,591.0 | 3,564.8 | 8.7 | 9.9 | -38.19 | -339.7 | -110.0 | 153.8 | 137.6 | 16.27 | 9.457 | | |
| 3,700.0 | 3,687.0 | 3,690.9 | 3,663.3 | 9.0 | 10.3 | -38.34 | -355.0 | -115.3 | 159.8 | 143.0 | 16.80 | 9.514 | | |
| 3,800.0 | 3,786.3 | 3,790.7 | 3,761.8 | 9.3 | 10.6 | -38.49 | -370.4 | -120.6 | 165.8 | 148.5 | 17.33 | 9.567 | | |
| 3,900.0 | 3,885.7 | 3,890.5 | 3,860.3 | 9.6 | 11.0 | -38.62 | -385.7 | -125.8 | 171.8 | 153.9 | 17.86 | 9.616 | | |
| 4,000.0 | 3,985.0 | 3,990.3 | 3,958.8 | 9.9 | 11.4 | -38.75 | -401.0 | -131.1 | 177.7 | 159.3 | 18.40 | 9.661 | | |
| 4,100.0 | 4,084.4 | 4,090.1 | 4,057.2 | 10.2 | 11.7 | -38.86 | -416.4 | -136.4 | 183.7 | 164.8 | 18.93 | 9.703 | | |
| 4,200.0 | 4,183.7 | 4,190.0 | 4,155.7 | 10.5 | 12.1 | -38.97 | -431.7 | -141.7 | 189.7 | 170.2 | 19.47 | 9.742 | | |
| 4,300.0 | 4,283.1 | 4,289.8 | 4,254.2 | 10.8 | 12.5 | -39.08 | -447.0 | -147.0 | 195.7 | 175.7 | 20.01 | 9.778 | | |
| 4,400.0 | 4,382.4 | 4,389.6 | 4,352.7 | 11.1 | 12.9 | -39.17 | -462.4 | -152.2 | 201.7 | 181.1 | 20.55 | 9.812 | | |
| 4,500.0 | 4,481.8 | 4,489.4 | 4,451.2 | 11.4 | 13.2 | -39.26 | -477.7 | -157.5 | 207.6 | 186.6 | 21.09 | 9.844 | | |
| 4,600.0 | 4,581.1 | 4,589.2 | 4,549.7 | 11.7 | 13.6 | -39.35 | -493.1 | -162.8 | 213.6 | 192.0 | 21.64 | 9.873 | | |
| 4,693.9 | 4,674.4 | 4,683.0 | 4,642.2 | 12.0 | 14.0 | -39.43 | -507.5 | -167.8 | 219.2 | 197.1 | 22.15 | 9.900 | | |
| 4,700.0 | 4,680.5 | 4,689.1 | 4,648.2 | 12.0 | 14.0 | -39.44 | -508.4 | -168.1 | 219.6 | 197.4 | 22.18 | 9.902 | | |
| 4,800.0 | 4,780.1 | 4,788.8 | 4,746.6 | 12.2 | 14.4 | -39.29 | -523.7 | -173.4 | 227.1 | 204.5 | 22.65 | 10.029 | | |
| 4,900.0 | 4,879.9 | 4,888.2 | 4,844.7 | 12.4 | 14.8 | -38.67 | -539.0 | -178.6 | 237.3 | 214.3 | 23.04 | 10.300 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | | |
| 5,000.0 | 4,979.8 | 4,987.2 | 4,942.4 | 12.6 | 15.1 | -37.64 | -554.2 | -183.9 | 250.3 | 226.9 | 23.37 | 10.710 | | |
| 5,020.2 | 5,000.0 | 5,007.1 | 4,962.0 | 12.6 | 15.2 | 175.97 | -557.3 | -184.9 | 253.3 | 226.5 | 26.72 | 9.479 | | |
| 5,100.0 | 5,079.8 | 5,086.6 | 5,040.4 | 12.8 | 15.5 | 177.07 | -569.5 | -189.1 | 265.3 | 238.0 | 27.23 | 9.742 | | |
| 5,200.0 | 5,179.8 | 5,195.2 | 5,147.9 | 13.0 | 15.8 | 178.26 | -584.0 | -194.1 | 278.4 | 250.7 | 27.77 | 10.028 | | |
| 5,300.0 | 5,279.8 | 5,304.8 | 5,257.0 | 13.1 | 16.0 | 179.06 | -594.7 | -197.8 | 288.1 | 259.9 | 28.24 | 10.203 | | |
| 5,400.0 | 5,379.8 | 5,415.2 | 5,367.1 | 13.3 | 16.2 | 179.54 | -601.5 | -200.1 | 294.3 | 265.6 | 28.66 | 10.269 | | |
| 5,500.0 | 5,479.8 | 5,525.9 | 5,477.8 | 13.5 | 16.4 | 179.73 | -604.3 | -201.1 | 296.8 | 267.8 | 29.02 | 10.225 | | |
| 5,600.0 | 5,579.8 | 5,628.0 | 5,579.8 | 13.6 | 16.6 | 179.73 | -604.3 | -201.1 | 296.8 | 267.5 | 29.35 | 10.113 | | |
| 5,700.0 | 5,679.8 | 5,728.0 | 5,679.8 | 13.8 | 16.7 | 179.73 | -604.3 | -201.1 | 296.8 | 267.2 | 29.67 | 10.005 | | |
| 5,800.0 | 5,779.8 | 5,828.0 | 5,779.8 | 14.0 | 16.8 | 179.73 | -604.3 | -201.1 | 296.8 | 266.9 | 29.99 | 9.898 | | |
| 5,900.0 | 5,879.8 | 5,928.0 | 5,879.8 | 14.2 | 17.0 | 179.73 | -604.3 | -201.1 | 296.8 | 266.5 | 30.31 | 9.793 | | |
| 6,000.0 | 5,979.8 | 6,028.0 | 5,979.8 | 14.3 | 17.1 | 179.73 | -604.3 | -201.1 | 296.8 | 266.2 | 30.64 | 9.688 | | |
| 6,100.0 | 6,079.8 | 6,128.0 | 6,079.8 | 14.5 | 17.3 | 179.73 | -604.3 | -201.1 | 296.8 | 265.9 | 30.97 | 9.585 | | |
| 6,204.0 | 6,183.8 | 6,231.9 | 6,183.8 | 14.7 | 17.4 | 179.73 | -604.3 | -201.1 | 296.8 | 265.5 | 31.31 | 9.480 | | |
| 6,250.0 | 6,229.8 | 6,278.1 | 6,229.9 | 14.8 | 17.5 | 90.40 | -604.3 | -199.6 | 296.8 | 268.9 | 27.91 | 10.637 | | |
| 6,300.0 | 6,279.5 | 6,328.2 | 6,279.8 | 14.8 | 17.5 | 90.40 | -604.3 | -194.6 | 296.8 | 268.8 | 28.05 | 10.583 | | |
| 6,350.0 | 6,328.8 | 6,378.4 | 6,329.2 | 14.9 | 17.6 | 90.39 | -604.2 | -186.2 | 296.8 | 268.7 | 28.17 | 10.539 | | |
| 6,400.0 | 6,377.4 | 6,428.5 | 6,377.9 | 15.0 | 17.6 | 90.39 | -604.0 | -174.3 | 296.8 | 268.6 | 28.26 | 10.503 | | |
| 6,450.0 | 6,425.0 | 6,478.7 | 6,425.7 | 15.0 | 17.7 | 90.38 | -603.8 | -159.0 | 296.8 | 268.5 | 28.35 | 10.472 | | |
| 6,500.0 | 6,471.5 | 6,528.8 | 6,472.2 | 15.0 | 17.7 | 90.37 | -603.6 | -140.5 | 296.8 | 268.4 | 28.42 | 10.444 | | |
| 6,550.0 | 6,516.5 | 6,578.9 | 6,517.4 | 15.0 | 17.7 | 90.36 | -603.4 | -118.7 | 296.8 | 268.3 | 28.51 | 10.412 | | |
| 6,600.0 | 6,560.0 | 6,629.0 | 6,560.9 | 15.1 | 17.7 | 90.34 | -603.1 | -93.8 | 296.8 | 268.2 | 28.62 | 10.372 | | |
| 6,650.0 | 6,601.6 | 6,679.2 | 6,602.5 | 15.1 | 17.7 | 90.33 | -602.8 | -65.9 | 296.8 | 268.1 | 28.77 | 10.318 | | |
| 6,700.0 | 6,641.1 | 6,729.3 | 6,642.1 | 15.1 | 17.7 | 90.31 | -602.4 | -35.2 | 296.8 | 267.9 | 28.99 | 10.241 | | |
| 6,750.0 | 6,678.5 | 6,779.4 | 6,679.5 | 15.1 | 17.8 | 90.29 | -602.0 | -1.9 | 296.8 | 267.6 | 29.29 | 10.136 | | |
| 6,773.5 | 6,695.2 | 6,803.0 | 6,696.2 | 15.1 | 17.8 | 90.28 | -601.8 | 14.7 | 296.8 | 267.4 | 29.47 | 10.074 | | |
| 6,800.0 | 6,713.4 | 6,829.5 | 6,714.4 | 15.2 | 17.8 | 90.27 | -601.6 | 34.1 | 296.8 | 267.1 | 29.70 | 9.996 | | |
| 6,850.0 | 6,745.7 | 6,879.6 | 6,746.7 | 15.2 | 17.8 | 90.25 | -601.1 | 72.3 | 296.8 | 266.6 | 30.24 | 9.817 | | |
| 6,900.0 | 6,775.3 | 6,929.7 | 6,776.3 | 15.3 | 17.9 | 90.23 | -600.7 | 112.7 | 296.8 | 265.9 | 30.93 | 9.598 | | |
| 6,950.0 | 6,802.1 | 6,979.8 | 6,803.0 | 15.8 | 18.0 | 90.20 | -600.2 | 155.1 | 296.8 | 265.1 | 31.78 | 9.341 | | |
| 7,000.0 | 6,825.8 | 7,029.8 | 6,826.6 | 16.3 | 18.1 | 90.18 | -599.6 | 199.2 | 296.8 | 264.0 | 32.81 | 9.048 | | |
| 7,050.0 | 6,846.4 | 7,079.9 | 6,847.1 | 17.0 | 18.4 | 90.15 | -599.1 | 244.9 | 296.8 | 262.8 | 34.01 | 8.729 | | |
| 7,100.0 | 6,863.7 | 7,129.9 | 6,864.3 | 17.7 | 18.8 | 90.13 | -598.6 | 291.9 | 296.8 | 261.5 | 35.38 | 8.390 | | |
| 7,150.0 | 6,877.8 | 7,180.0 | 6,878.3 | 18.5 | 19.4 | 90.10 | -598.0 | 339.9 | 296.8 | 259.9 | 36.91 | 8.042 | | |
| 7,200.0 | 6,888.4 | 7,230.0 | 6,888.8 | 19.3 | 20.1 | 90.07 | -597.4 | 388.8 | 296.8 | 258.3 | 38.59 | 7.693 | | |
| 7,250.0 | 6,895.7 | 7,280.0 | 6,895.9 | 20.2 | 21.0 | 90.04 | -596.8 | 438.3 | 296.8 | 256.5 | 40.39 | 7.350 | | |
| 7,300.0 | 6,899.4 | 7,330.0 | 6,899.5 | 21.2 | 21.9 | 90.02 | -596.3 | 488.2 | 296.8 | 254.6 | 42.29 | 7.019 | | |
| 7,329.0 | 6,900.0 | 7,359.0 | 6,900.0 | 21.8 | 22.4 | 90.00 | -595.9 | 517.1 | 296.8 | 253.4 | 43.43 | 6.835 | | |
| 7,400.0 | 6,900.0 | 7,430.0 | 6,900.0 | 23.2 | 23.8 | 90.00 | -595.1 | 588.2 | 296.8 | 250.5 | 46.36 | 6.403 | | |
| 7,500.0 | 6,900.0 | 7,530.0 | 6,900.0 | 25.4 | 26.0 | 90.00 | -593.9 | 688.1 | 296.8 | 246.1 | 50.70 | 5.854 | | |
| 7,600.0 | 6,900.0 | 7,630.0 | 6,900.0 | 27.7 | 28.2 | 90.00 | -592.7 | 788.1 | 296.8 | 241.6 | 55.28 | 5.370 | | |
| 7,700.0 | 6,900.0 | 7,730.0 | 6,900.0 | 30.1 | 30.5 | 90.00 | -591.6 | 888.1 | 296.8 | 236.8 | 60.03 | 4.945 | | |
| 7,800.0 | 6,900.0 | 7,830.0 | 6,900.0 | 32.5 | 32.9 | 90.00 | -590.4 | 988.1 | 296.8 | 231.9 | 64.92 | 4.573 | | |
| 7,900.0 | 6,900.0 | 7,930.0 | 6,900.0 | 35.0 | 35.4 | 90.00 | -589.2 | 1,088.1 | 296.9 | 226.9 | 69.92 | 4.246 | | |
| 8,000.0 | 6,900.0 | 8,030.0 | 6,900.0 | 37.6 | 37.9 | 90.00 | -588.1 | 1,188.1 | 296.9 | 221.9 | 75.00 | 3.958 | | |
| 8,100.0 | 6,900.0 | 8,130.0 | 6,900.0 | 40.1 | 40.5 | 90.00 | -586.9 | 1,288.1 | 296.9 | 216.7 | 80.15 | 3.704 | | |
| 8,200.0 | 6,900.0 | 8,230.0 | 6,900.0 | 42.7 | 43.1 | 90.00 | -585.7 | 1,388.1 | 296.9 | 211.5 | 85.36 | 3.477 | | |
| 8,300.0 | 6,900.0 | 8,330.0 | 6,900.0 | 45.4 | 45.7 | 90.00 | -584.5 | 1,488.1 | 296.9 | 206.2 | 90.62 | 3.276 | | |
| 8,400.0 | 6,900.0 | 8,430.0 | 6,900.0 | 48.0 | 48.3 | 90.00 | -583.4 | 1,588.1 | 296.9 | 200.9 | 95.92 | 3.095 | | |
| 8,500.0 | 6,900.0 | 8,530.0 | 6,900.0 | 50.7 | 51.0 | 90.00 | -582.2 | 1,688.1 | 296.9 | 195.6 | 101.26 | 2.932 | | |
| 8,600.0 | 6,900.0 | 8,630.0 | 6,900.0 | 53.4 | 53.6 | 90.00 | -581.0 | 1,788.1 | 296.9 | 190.2 | 106.62 | 2.784 | | |
| 8,700.0 | 6,900.0 | 8,730.0 | 6,900.0 | 56.1 | 56.3 | 90.00 | -579.9 | 1,888.1 | 296.9 | 184.9 | 112.00 | 2.650 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|---|------------------------|------------------------|------------------------|-------------------|----------------|--|---|---------------|----------------------------|-----------------------------|-------------------------------|----------------------|--------------------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| 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 | |
| 8,800.0 | 6,900.0 | 8,830.0 | 6,900.0 | 58.8 | 59.0 | 90.00 | -578.7 | 1,988.1 | 296.9 | 179.5 | 117.41 | 2.528 | | |
| 8,900.0 | 6,900.0 | 8,930.0 | 6,900.0 | 61.5 | 61.7 | 90.00 | -577.5 | 2,088.1 | 296.9 | 174.0 | 122.83 | 2.417 | | |
| 9,000.0 | 6,900.0 | 9,030.0 | 6,900.0 | 64.2 | 64.4 | 90.00 | -576.3 | 2,188.0 | 296.9 | 168.6 | 128.27 | 2.314 | | |
| 9,100.0 | 6,900.0 | 9,130.0 | 6,900.0 | 66.9 | 67.1 | 90.00 | -575.2 | 2,288.0 | 296.9 | 163.1 | 133.73 | 2.220 | | |
| 9,200.0 | 6,900.0 | 9,230.0 | 6,900.0 | 69.7 | 69.8 | 90.00 | -574.0 | 2,388.0 | 296.9 | 157.7 | 139.20 | 2.133 | | |
| 9,300.0 | 6,900.0 | 9,330.0 | 6,900.0 | 72.4 | 72.6 | 90.00 | -572.8 | 2,488.0 | 296.9 | 152.2 | 144.67 | 2.052 | | |
| 9,400.0 | 6,900.0 | 9,430.0 | 6,900.0 | 75.1 | 75.3 | 90.00 | -571.7 | 2,588.0 | 296.9 | 146.7 | 150.16 | 1.977 | | |
| 9,500.0 | 6,900.0 | 9,530.0 | 6,900.0 | 77.9 | 78.0 | 90.00 | -570.5 | 2,688.0 | 296.9 | 141.2 | 155.66 | 1.907 | | |
| 9,600.0 | 6,900.0 | 9,630.0 | 6,900.0 | 80.6 | 80.8 | 90.00 | -569.3 | 2,788.0 | 296.9 | 135.7 | 161.16 | 1.842 | | |
| 9,700.0 | 6,900.0 | 9,730.0 | 6,900.0 | 83.4 | 83.5 | 90.00 | -568.1 | 2,888.0 | 296.9 | 130.2 | 166.67 | 1.781 | | |
| 9,800.0 | 6,900.0 | 9,830.0 | 6,900.0 | 86.2 | 86.3 | 90.00 | -567.0 | 2,988.0 | 296.9 | 124.7 | 172.19 | 1.724 | | |
| 9,900.0 | 6,900.0 | 9,930.0 | 6,900.0 | 88.9 | 89.0 | 90.00 | -565.8 | 3,088.0 | 296.9 | 119.2 | 177.72 | 1.671 | | |
| 10,000.0 | 6,900.0 | 10,030.0 | 6,900.0 | 91.7 | 91.8 | 90.00 | -564.6 | 3,188.0 | 296.9 | 113.6 | 183.24 | 1.620 | | |
| 10,100.0 | 6,900.0 | 10,130.0 | 6,900.0 | 94.4 | 94.6 | 90.00 | -563.5 | 3,288.0 | 296.9 | 108.1 | 188.78 | 1.573 | | |
| 10,200.0 | 6,900.0 | 10,230.0 | 6,900.0 | 97.2 | 97.3 | 90.00 | -562.3 | 3,388.0 | 296.9 | 102.6 | 194.32 | 1.528 | | |
| 10,300.0 | 6,900.0 | 10,330.0 | 6,900.0 | 100.0 | 100.1 | 90.00 | -561.1 | 3,488.0 | 296.9 | 97.0 | 199.86 | 1.485 Level 3 | | |
| 10,400.0 | 6,900.0 | 10,430.0 | 6,900.0 | 102.8 | 102.9 | 90.00 | -559.9 | 3,587.9 | 296.9 | 91.5 | 205.40 | 1.445 Level 3 | | |
| 10,500.0 | 6,900.0 | 10,530.0 | 6,900.0 | 105.5 | 105.6 | 90.00 | -558.8 | 3,687.9 | 296.9 | 85.9 | 210.95 | 1.407 Level 3 | | |
| 10,600.0 | 6,900.0 | 10,630.0 | 6,900.0 | 108.3 | 108.4 | 90.00 | -557.6 | 3,787.9 | 296.9 | 80.4 | 216.50 | 1.371 Level 3 | | |
| 10,700.0 | 6,900.0 | 10,730.0 | 6,900.0 | 111.1 | 111.2 | 90.00 | -556.4 | 3,887.9 | 296.9 | 74.8 | 222.06 | 1.337 Level 3 | | |
| 10,800.0 | 6,900.0 | 10,830.0 | 6,900.0 | 113.9 | 113.9 | 90.00 | -555.3 | 3,987.9 | 296.9 | 69.3 | 227.62 | 1.304 Level 3 | | |
| 10,900.0 | 6,900.0 | 10,930.0 | 6,900.0 | 116.6 | 116.7 | 90.00 | -554.1 | 4,087.9 | 296.9 | 63.7 | 233.18 | 1.273 Level 3 | | |
| 11,000.0 | 6,900.0 | 11,030.0 | 6,900.0 | 119.4 | 119.5 | 90.00 | -552.9 | 4,187.9 | 296.9 | 58.2 | 238.74 | 1.244 Level 2 | | |
| 11,100.0 | 6,900.0 | 11,130.0 | 6,900.0 | 122.2 | 122.3 | 90.00 | -551.7 | 4,287.9 | 296.9 | 52.6 | 244.31 | 1.215 Level 2 | | |
| 11,200.0 | 6,900.0 | 11,230.0 | 6,900.0 | 125.0 | 125.1 | 90.00 | -550.6 | 4,387.9 | 296.9 | 47.0 | 249.87 | 1.188 Level 2 | | |
| 11,300.0 | 6,900.0 | 11,330.0 | 6,900.0 | 127.8 | 127.8 | 90.00 | -549.4 | 4,487.9 | 296.9 | 41.5 | 255.44 | 1.162 Level 2 | | |
| 11,362.5 | 6,900.0 | 11,392.5 | 6,900.0 | 129.5 | 129.6 | 90.00 | -548.7 | 4,550.4 | 296.9 | 38.0 | 258.92 | 1.147 Level 2 | | |
| 11,403.5 | 6,900.0 | 11,431.0 | 6,900.0 | 130.7 | 130.3 | 90.00 | -548.2 | 4,588.8 | 296.9 | 36.1 | 260.83 | 1.138 Level 2, SF | | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | | Highside Toolface (°) | Distance | | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | | | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -180.00 | -60.1 | 0.0 | 60.1 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | -180.00 | -60.1 | 0.0 | 60.1 | 59.9 | 0.22 | 267.401 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -180.00 | -60.1 | 0.0 | 60.1 | 59.4 | 0.67 | 89.134 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | -180.00 | -60.1 | 0.0 | 60.1 | 59.0 | 1.12 | 53.480 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | -180.00 | -60.1 | 0.0 | 60.1 | 58.5 | 1.57 | 38.200 | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | -180.00 | -60.1 | 0.0 | 60.1 | 58.1 | 2.02 | 29.711 | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | -180.00 | -60.1 | 0.0 | 60.1 | 57.6 | 2.47 | 24.309 | | |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.5 | 1.5 | -180.00 | -60.1 | 0.0 | 60.1 | 57.2 | 2.92 | 20.569 | | |
| 800.0 | 800.0 | 800.0 | 800.0 | 1.7 | 1.7 | -180.00 | -60.1 | 0.0 | 60.1 | 56.7 | 3.37 | 17.827 CC, ES | | |
| 900.0 | 900.0 | 898.5 | 898.5 | 1.9 | 1.9 | -179.73 | -61.3 | -0.3 | 61.4 | 57.6 | 3.79 | 16.188 | | |
| 1,000.0 | 1,000.0 | 996.8 | 996.7 | 2.1 | 2.1 | -178.97 | -65.0 | -1.2 | 65.1 | 60.9 | 4.19 | 15.538 | | |
| 1,100.0 | 1,100.0 | 1,094.9 | 1,094.6 | 2.4 | 2.2 | -177.90 | -71.2 | -2.6 | 71.4 | 66.8 | 4.60 | 15.515 | | |
| 1,200.0 | 1,200.0 | 1,192.6 | 1,191.9 | 2.6 | 2.4 | -176.68 | -79.7 | -4.6 | 80.3 | 75.2 | 5.03 | 15.963 | | |
| 1,300.0 | 1,300.0 | 1,289.8 | 1,288.4 | 2.8 | 2.7 | -175.46 | -90.6 | -7.2 | 91.6 | 86.2 | 5.47 | 16.767 | | |
| 1,400.0 | 1,400.0 | 1,386.3 | 1,384.0 | 3.0 | 2.9 | -174.33 | -103.8 | -10.3 | 105.5 | 99.6 | 5.92 | 17.840 | | |
| 1,500.0 | 1,500.0 | 1,482.3 | 1,478.7 | 3.2 | 3.2 | -26.86 | -119.3 | -14.0 | 120.8 | 114.5 | 6.28 | 19.220 | | |
| 1,600.0 | 1,599.9 | 1,577.9 | 1,572.5 | 3.4 | 3.5 | -26.56 | -136.9 | -18.1 | 136.2 | 129.5 | 6.68 | 20.405 | | |
| 1,700.0 | 1,699.7 | 1,676.9 | 1,669.5 | 3.6 | 3.9 | -26.70 | -156.4 | -22.7 | 150.5 | 143.5 | 7.08 | 21.253 | | |
| 1,800.0 | 1,799.3 | 1,776.1 | 1,766.7 | 3.8 | 4.3 | -27.23 | -175.9 | -27.3 | 162.6 | 155.1 | 7.50 | 21.671 | | |
| 1,835.0 | 1,834.1 | 1,810.9 | 1,800.8 | 3.9 | 4.4 | -27.50 | -182.8 | -29.0 | 166.2 | 158.6 | 7.65 | 21.726 | | |
| 1,900.0 | 1,898.6 | 1,875.6 | 1,864.1 | 4.0 | 4.6 | -28.05 | -195.5 | -32.0 | 172.8 | 164.8 | 7.94 | 21.761 | | |
| 2,000.0 | 1,998.0 | 1,975.0 | 1,961.5 | 4.2 | 5.0 | -28.83 | -215.1 | -36.6 | 182.9 | 174.5 | 8.39 | 21.790 | | |
| 2,100.0 | 2,097.3 | 2,074.5 | 2,058.9 | 4.5 | 5.4 | -29.53 | -234.7 | -41.2 | 193.0 | 184.2 | 8.86 | 21.793 | | |
| 2,200.0 | 2,196.7 | 2,174.0 | 2,156.3 | 4.7 | 5.9 | -30.16 | -254.2 | -45.8 | 203.2 | 193.9 | 9.33 | 21.778 | | |
| 2,300.0 | 2,296.0 | 2,273.4 | 2,253.7 | 5.0 | 6.3 | -30.73 | -273.8 | -50.4 | 213.4 | 203.6 | 9.81 | 21.748 | | |
| 2,400.0 | 2,395.4 | 2,372.9 | 2,351.1 | 5.2 | 6.7 | -31.24 | -293.4 | -55.1 | 223.6 | 213.3 | 10.30 | 21.707 | | |
| 2,500.0 | 2,494.8 | 2,472.3 | 2,448.5 | 5.5 | 7.1 | -31.71 | -312.9 | -59.7 | 233.8 | 223.0 | 10.80 | 21.658 | | |
| 2,600.0 | 2,594.1 | 2,571.8 | 2,545.9 | 5.8 | 7.5 | -32.15 | -332.5 | -64.3 | 244.1 | 232.8 | 11.30 | 21.604 | | |
| 2,700.0 | 2,693.5 | 2,671.2 | 2,643.3 | 6.1 | 8.0 | -32.54 | -352.1 | -68.9 | 254.3 | 242.5 | 11.80 | 21.546 | | |
| 2,800.0 | 2,792.8 | 2,770.7 | 2,740.7 | 6.3 | 8.4 | -32.91 | -371.7 | -73.5 | 264.6 | 252.3 | 12.32 | 21.485 | | |
| 2,900.0 | 2,892.2 | 2,870.2 | 2,838.1 | 6.6 | 8.8 | -33.25 | -391.2 | -78.2 | 274.9 | 262.0 | 12.83 | 21.423 | | |
| 3,000.0 | 2,991.5 | 2,969.6 | 2,935.5 | 6.9 | 9.3 | -33.56 | -410.8 | -82.8 | 285.2 | 271.8 | 13.35 | 21.360 | | |
| 3,100.0 | 3,090.9 | 3,069.1 | 3,032.9 | 7.2 | 9.7 | -33.86 | -430.4 | -87.4 | 295.4 | 281.6 | 13.87 | 21.297 | | |
| 3,200.0 | 3,190.2 | 3,168.5 | 3,130.3 | 7.5 | 10.1 | -34.13 | -450.0 | -92.0 | 305.7 | 291.3 | 14.40 | 21.235 | | |
| 3,300.0 | 3,289.6 | 3,268.0 | 3,227.7 | 7.8 | 10.6 | -34.38 | -469.5 | -96.6 | 316.0 | 301.1 | 14.93 | 21.173 | | |
| 3,400.0 | 3,388.9 | 3,367.5 | 3,325.1 | 8.1 | 11.0 | -34.62 | -489.1 | -101.2 | 326.4 | 310.9 | 15.46 | 21.113 | | |
| 3,500.0 | 3,488.3 | 3,466.9 | 3,422.5 | 8.4 | 11.4 | -34.85 | -508.7 | -105.9 | 336.7 | 320.7 | 15.99 | 21.053 | | |
| 3,600.0 | 3,587.6 | 3,566.4 | 3,519.9 | 8.7 | 11.9 | -35.06 | -528.2 | -110.5 | 347.0 | 330.5 | 16.53 | 20.995 | | |
| 3,700.0 | 3,687.0 | 3,665.8 | 3,617.3 | 9.0 | 12.3 | -35.26 | -547.8 | -115.1 | 357.3 | 340.3 | 17.07 | 20.939 | | |
| 3,800.0 | 3,786.3 | 3,765.3 | 3,714.7 | 9.3 | 12.8 | -35.44 | -567.4 | -119.7 | 367.7 | 350.0 | 17.60 | 20.884 | | |
| 3,900.0 | 3,885.7 | 3,864.7 | 3,812.1 | 9.6 | 13.2 | -35.62 | -587.0 | -124.3 | 378.0 | 359.8 | 18.15 | 20.830 | | |
| 4,000.0 | 3,985.0 | 3,964.2 | 3,909.5 | 9.9 | 13.6 | -35.79 | -606.5 | -129.0 | 388.3 | 369.6 | 18.69 | 20.778 | | |
| 4,100.0 | 4,084.4 | 4,063.7 | 4,006.9 | 10.2 | 14.1 | -35.95 | -626.1 | -133.6 | 398.7 | 379.4 | 19.23 | 20.728 | | |
| 4,200.0 | 4,183.7 | 4,163.1 | 4,104.4 | 10.5 | 14.5 | -36.10 | -645.7 | -138.2 | 409.0 | 389.2 | 19.78 | 20.679 | | |
| 4,300.0 | 4,283.1 | 4,262.6 | 4,201.8 | 10.8 | 15.0 | -36.24 | -665.2 | -142.8 | 419.3 | 399.0 | 20.33 | 20.632 | | |
| 4,400.0 | 4,382.4 | 4,362.0 | 4,299.2 | 11.1 | 15.4 | -36.38 | -684.8 | -147.4 | 429.7 | 408.8 | 20.87 | 20.586 | | |
| 4,500.0 | 4,481.8 | 4,461.5 | 4,396.6 | 11.4 | 15.8 | -36.51 | -704.4 | -152.1 | 440.0 | 418.6 | 21.42 | 20.541 | | |
| 4,600.0 | 4,581.1 | 4,560.9 | 4,494.0 | 11.7 | 16.3 | -36.64 | -724.0 | -156.7 | 450.4 | 428.4 | 21.97 | 20.498 | | |
| 4,693.9 | 4,674.4 | 4,654.3 | 4,585.4 | 12.0 | 16.7 | -36.75 | -742.3 | -161.0 | 460.1 | 437.6 | 22.49 | 20.459 | | |
| 4,700.0 | 4,680.5 | 4,660.4 | 4,591.4 | 12.0 | 16.7 | -36.76 | -743.5 | -161.3 | 460.8 | 438.2 | 22.52 | 20.458 | | |
| 4,800.0 | 4,780.1 | 4,759.7 | 4,688.6 | 12.2 | 17.2 | -36.88 | -763.1 | -165.9 | 472.7 | 449.7 | 23.00 | 20.550 | | |
| 4,900.0 | 4,879.9 | 4,858.6 | 4,785.4 | 12.4 | 17.6 | -36.78 | -782.5 | -170.5 | 487.4 | 463.9 | 23.43 | 20.802 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | | 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 | | |
| 5,000.0 | 4,979.8 | 4,956.9 | 4,881.8 | 12.6 | 18.0 | -36.49 | -801.9 | -175.1 | 504.8 | 481.0 | 23.81 | 21.206 | | |
| 5,020.2 | 5,000.0 | 4,976.7 | 4,901.1 | 12.6 | 18.1 | 176.95 | -805.8 | -176.0 | 508.7 | 478.9 | 29.80 | 17.069 | | |
| 5,100.0 | 5,079.8 | 5,054.9 | 4,977.7 | 12.8 | 18.5 | 177.45 | -821.2 | -179.6 | 524.2 | 493.9 | 30.32 | 17.288 | | |
| 5,200.0 | 5,179.8 | 5,152.8 | 5,073.6 | 13.0 | 18.9 | 178.03 | -840.4 | -184.2 | 543.7 | 512.8 | 30.97 | 17.558 | | |
| 5,300.0 | 5,279.8 | 5,262.5 | 5,181.1 | 13.1 | 19.4 | 178.62 | -861.4 | -189.1 | 562.8 | 531.2 | 31.61 | 17.801 | | |
| 5,400.0 | 5,379.8 | 5,384.8 | 5,301.9 | 13.3 | 19.7 | 179.11 | -880.4 | -193.6 | 578.3 | 546.1 | 32.18 | 17.971 | | |
| 5,500.0 | 5,479.8 | 5,508.6 | 5,424.8 | 13.5 | 20.0 | 179.46 | -894.6 | -197.0 | 589.7 | 557.0 | 32.66 | 18.054 | | |
| 5,600.0 | 5,579.8 | 5,633.5 | 5,549.3 | 13.6 | 20.2 | 179.67 | -903.6 | -199.1 | 596.9 | 563.9 | 33.08 | 18.044 | | |
| 5,700.0 | 5,679.8 | 5,758.9 | 5,674.7 | 13.8 | 20.4 | 179.76 | -907.4 | -200.0 | 599.9 | 566.5 | 33.45 | 17.933 | | |
| 5,800.0 | 5,779.8 | 5,864.1 | 5,779.8 | 14.0 | 20.5 | 179.76 | -907.5 | -200.0 | 600.0 | 566.3 | 33.76 | 17.774 | | |
| 5,900.0 | 5,879.8 | 5,964.1 | 5,879.8 | 14.2 | 20.6 | 179.76 | -907.5 | -200.0 | 600.0 | 566.0 | 34.05 | 17.622 | | |
| 6,000.0 | 5,979.8 | 6,064.1 | 5,979.8 | 14.3 | 20.8 | 179.76 | -907.5 | -200.0 | 600.0 | 565.7 | 34.34 | 17.471 | | |
| 6,100.0 | 6,079.8 | 6,164.1 | 6,079.8 | 14.5 | 20.9 | 179.76 | -907.5 | -200.0 | 600.0 | 565.4 | 34.64 | 17.321 | | |
| 6,204.0 | 6,183.8 | 6,268.0 | 6,183.8 | 14.7 | 21.0 | 179.76 | -907.5 | -200.0 | 600.0 | 565.1 | 34.95 | 17.166 | | |
| 6,250.0 | 6,229.8 | 6,314.4 | 6,230.1 | 14.8 | 21.0 | 90.43 | -907.5 | -198.5 | 600.0 | 571.4 | 28.61 | 20.972 | | |
| 6,300.0 | 6,279.5 | 6,364.7 | 6,280.2 | 14.8 | 21.1 | 90.43 | -907.4 | -193.5 | 600.0 | 571.3 | 28.75 | 20.871 | | |
| 6,350.0 | 6,328.8 | 6,415.0 | 6,329.7 | 14.9 | 21.1 | 90.42 | -907.3 | -185.0 | 600.0 | 571.1 | 28.86 | 20.790 | | |
| 6,400.0 | 6,377.4 | 6,465.3 | 6,378.6 | 15.0 | 21.2 | 90.42 | -907.2 | -173.0 | 600.0 | 571.1 | 28.95 | 20.725 | | |
| 6,450.0 | 6,425.0 | 6,515.6 | 6,426.5 | 15.0 | 21.2 | 90.41 | -907.0 | -157.6 | 600.0 | 571.0 | 29.03 | 20.670 | | |
| 6,500.0 | 6,471.5 | 6,565.9 | 6,473.2 | 15.0 | 21.2 | 90.40 | -906.8 | -139.0 | 600.0 | 570.9 | 29.10 | 20.619 | | |
| 6,550.0 | 6,516.5 | 6,616.2 | 6,518.4 | 15.0 | 21.2 | 90.38 | -906.5 | -117.0 | 600.0 | 570.8 | 29.18 | 20.563 | | |
| 6,600.0 | 6,560.0 | 6,666.5 | 6,562.0 | 15.1 | 21.2 | 90.37 | -906.2 | -92.0 | 600.0 | 570.7 | 29.28 | 20.492 | | |
| 6,650.0 | 6,601.6 | 6,716.7 | 6,603.7 | 15.1 | 21.2 | 90.35 | -905.9 | -64.0 | 600.0 | 570.6 | 29.42 | 20.393 | | |
| 6,700.0 | 6,641.1 | 6,767.0 | 6,643.4 | 15.1 | 21.2 | 90.33 | -905.5 | -33.1 | 600.0 | 570.4 | 29.63 | 20.252 | | |
| 6,750.0 | 6,678.5 | 6,817.2 | 6,680.7 | 15.1 | 21.3 | 90.31 | -905.2 | 0.4 | 600.0 | 570.1 | 29.91 | 20.058 | | |
| 6,800.0 | 6,713.4 | 6,867.4 | 6,715.6 | 15.2 | 21.3 | 90.29 | -904.7 | 36.5 | 600.0 | 569.7 | 30.31 | 19.797 | | |
| 6,850.0 | 6,745.7 | 6,917.6 | 6,747.9 | 15.2 | 21.3 | 90.27 | -904.3 | 74.9 | 600.0 | 569.2 | 30.83 | 19.460 | | |
| 6,900.0 | 6,775.3 | 6,967.8 | 6,777.4 | 15.3 | 21.4 | 90.24 | -903.8 | 115.5 | 600.0 | 568.5 | 31.50 | 19.046 | | |
| 6,950.0 | 6,802.1 | 7,018.0 | 6,804.0 | 15.8 | 21.5 | 90.22 | -903.3 | 158.0 | 600.0 | 567.7 | 32.34 | 18.555 | | |
| 7,000.0 | 6,825.8 | 7,068.1 | 6,827.6 | 16.3 | 21.6 | 90.19 | -902.8 | 202.3 | 600.0 | 566.7 | 33.34 | 17.995 | | |
| 7,050.0 | 6,846.4 | 7,118.3 | 6,847.9 | 17.0 | 21.7 | 90.16 | -902.2 | 248.1 | 600.0 | 565.5 | 34.52 | 17.381 | | |
| 7,100.0 | 6,863.7 | 7,168.4 | 6,865.1 | 17.7 | 21.9 | 90.13 | -901.7 | 295.2 | 600.0 | 564.1 | 35.87 | 16.727 | | |
| 7,150.0 | 6,877.8 | 7,218.5 | 6,878.8 | 18.5 | 22.2 | 90.11 | -901.1 | 343.3 | 600.0 | 562.6 | 37.38 | 16.052 | | |
| 7,200.0 | 6,888.4 | 7,268.5 | 6,889.2 | 19.3 | 22.6 | 90.08 | -900.6 | 392.3 | 600.0 | 561.0 | 39.03 | 15.371 | | |
| 7,250.0 | 6,895.7 | 7,318.6 | 6,896.1 | 20.2 | 23.1 | 90.05 | -900.0 | 441.8 | 600.0 | 559.2 | 40.81 | 14.701 | | |
| 7,300.0 | 6,899.4 | 7,368.6 | 6,899.6 | 21.2 | 23.8 | 90.02 | -899.4 | 491.7 | 600.0 | 557.3 | 42.70 | 14.052 | | |
| 7,313.1 | 6,899.8 | 7,381.7 | 6,899.9 | 21.4 | 24.0 | 90.01 | -899.2 | 504.8 | 600.0 | 556.8 | 43.21 | 13.887 | | |
| 7,329.0 | 6,900.0 | 7,397.6 | 6,900.0 | 21.8 | 24.2 | 90.00 | -899.0 | 520.7 | 600.0 | 556.2 | 43.82 | 13.691 | | |
| 7,400.0 | 6,900.0 | 7,468.6 | 6,900.0 | 23.2 | 25.4 | 90.00 | -898.2 | 591.7 | 600.0 | 553.3 | 46.73 | 12.839 | | |
| 7,500.0 | 6,900.0 | 7,568.6 | 6,900.0 | 25.4 | 27.3 | 90.00 | -897.0 | 691.7 | 600.0 | 548.9 | 51.04 | 11.754 | | |
| 7,600.0 | 6,900.0 | 7,668.6 | 6,900.0 | 27.7 | 29.3 | 90.00 | -895.9 | 791.7 | 600.0 | 544.4 | 55.59 | 10.793 | | |
| 7,700.0 | 6,900.0 | 7,768.6 | 6,900.0 | 30.1 | 31.6 | 90.00 | -894.7 | 891.7 | 600.0 | 539.7 | 60.32 | 9.948 | | |
| 7,800.0 | 6,900.0 | 7,868.6 | 6,900.0 | 32.5 | 33.9 | 90.00 | -893.5 | 991.7 | 600.0 | 534.8 | 65.18 | 9.205 | | |
| 7,900.0 | 6,900.0 | 7,968.6 | 6,900.0 | 35.0 | 36.3 | 90.00 | -892.3 | 1,091.7 | 600.0 | 529.8 | 70.16 | 8.552 | | |
| 8,000.0 | 6,900.0 | 8,068.6 | 6,900.0 | 37.6 | 38.7 | 90.00 | -891.2 | 1,191.7 | 600.0 | 524.8 | 75.23 | 7.976 | | |
| 8,100.0 | 6,900.0 | 8,168.6 | 6,900.0 | 40.1 | 41.2 | 90.00 | -890.0 | 1,291.7 | 600.0 | 519.6 | 80.37 | 7.466 | | |
| 8,200.0 | 6,900.0 | 8,268.6 | 6,900.0 | 42.7 | 43.7 | 90.00 | -888.8 | 1,391.7 | 600.0 | 514.4 | 85.56 | 7.012 | | |
| 8,300.0 | 6,900.0 | 8,368.6 | 6,900.0 | 45.4 | 46.3 | 90.00 | -887.7 | 1,491.7 | 600.0 | 509.2 | 90.81 | 6.607 | | |
| 8,400.0 | 6,900.0 | 8,468.6 | 6,900.0 | 48.0 | 48.9 | 90.00 | -886.5 | 1,591.6 | 600.0 | 503.9 | 96.10 | 6.243 | | |
| 8,500.0 | 6,900.0 | 8,568.6 | 6,900.0 | 50.7 | 51.5 | 90.00 | -885.3 | 1,691.6 | 600.0 | 498.6 | 101.42 | 5.916 | | |
| 8,600.0 | 6,900.0 | 8,668.6 | 6,900.0 | 53.4 | 54.2 | 90.00 | -884.1 | 1,791.6 | 600.0 | 493.2 | 106.77 | 5.619 | | |
| 8,700.0 | 6,900.0 | 8,768.6 | 6,900.0 | 56.1 | 56.8 | 90.00 | -883.0 | 1,891.6 | 600.0 | 487.8 | 112.15 | 5.350 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | | 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) | | | |
| 8,800.0 | 6,900.0 | 8,868.6 | 6,900.0 | 58.8 | 59.5 | 90.00 | -881.8 | 1,991.6 | 600.0 | 482.4 | 117.55 | 5.104 | | |
| 8,900.0 | 6,900.0 | 8,968.6 | 6,900.0 | 61.5 | 62.1 | 90.00 | -880.6 | 2,091.6 | 600.0 | 477.0 | 122.97 | 4.879 | | |
| 9,000.0 | 6,900.0 | 9,068.6 | 6,900.0 | 64.2 | 64.8 | 90.00 | -879.4 | 2,191.6 | 600.0 | 471.6 | 128.40 | 4.673 | | |
| 9,100.0 | 6,900.0 | 9,168.6 | 6,900.0 | 66.9 | 67.5 | 90.00 | -878.3 | 2,291.6 | 600.0 | 466.1 | 133.85 | 4.482 | | |
| 9,200.0 | 6,900.0 | 9,268.6 | 6,900.0 | 69.7 | 70.2 | 90.00 | -877.1 | 2,391.6 | 600.0 | 460.7 | 139.31 | 4.307 | | |
| 9,300.0 | 6,900.0 | 9,368.6 | 6,900.0 | 72.4 | 73.0 | 90.00 | -875.9 | 2,491.6 | 600.0 | 455.2 | 144.79 | 4.144 | | |
| 9,400.0 | 6,900.0 | 9,468.6 | 6,900.0 | 75.1 | 75.7 | 90.00 | -874.8 | 2,591.6 | 600.0 | 449.7 | 150.27 | 3.993 | | |
| 9,500.0 | 6,900.0 | 9,568.6 | 6,900.0 | 77.9 | 78.4 | 90.00 | -873.6 | 2,691.6 | 600.0 | 444.2 | 155.76 | 3.852 | | |
| 9,600.0 | 6,900.0 | 9,668.6 | 6,900.0 | 80.6 | 81.1 | 90.00 | -872.4 | 2,791.6 | 600.0 | 438.7 | 161.26 | 3.721 | | |
| 9,700.0 | 6,900.0 | 9,768.6 | 6,900.0 | 83.4 | 83.9 | 90.00 | -871.2 | 2,891.6 | 600.0 | 433.2 | 166.77 | 3.598 | | |
| 9,800.0 | 6,900.0 | 9,868.6 | 6,900.0 | 86.2 | 86.6 | 90.00 | -870.1 | 2,991.5 | 600.0 | 427.7 | 172.29 | 3.483 | | |
| 9,900.0 | 6,900.0 | 9,968.6 | 6,900.0 | 88.9 | 89.4 | 90.00 | -868.9 | 3,091.5 | 600.0 | 422.2 | 177.81 | 3.374 | | |
| 10,000.0 | 6,900.0 | 10,068.6 | 6,900.0 | 91.7 | 92.1 | 90.00 | -867.7 | 3,191.5 | 600.0 | 416.7 | 183.33 | 3.273 | | |
| 10,100.0 | 6,900.0 | 10,168.6 | 6,900.0 | 94.4 | 94.9 | 90.00 | -866.5 | 3,291.5 | 600.0 | 411.1 | 188.86 | 3.177 | | |
| 10,200.0 | 6,900.0 | 10,268.6 | 6,900.0 | 97.2 | 97.6 | 90.00 | -865.4 | 3,391.5 | 600.0 | 405.6 | 194.40 | 3.086 | | |
| 10,300.0 | 6,900.0 | 10,368.6 | 6,900.0 | 100.0 | 100.4 | 90.00 | -864.2 | 3,491.5 | 600.0 | 400.1 | 199.94 | 3.001 | | |
| 10,400.0 | 6,900.0 | 10,468.6 | 6,900.0 | 102.8 | 103.1 | 90.00 | -863.0 | 3,591.5 | 600.0 | 394.5 | 205.48 | 2.920 | | |
| 10,500.0 | 6,900.0 | 10,568.6 | 6,900.0 | 105.5 | 105.9 | 90.00 | -861.9 | 3,691.5 | 600.0 | 389.0 | 211.03 | 2.843 | | |
| 10,600.0 | 6,900.0 | 10,668.6 | 6,900.0 | 108.3 | 108.7 | 90.00 | -860.7 | 3,791.5 | 600.0 | 383.4 | 216.58 | 2.770 | | |
| 10,700.0 | 6,900.0 | 10,768.6 | 6,900.0 | 111.1 | 111.4 | 90.00 | -859.5 | 3,891.5 | 600.0 | 377.9 | 222.13 | 2.701 | | |
| 10,800.0 | 6,900.0 | 10,868.6 | 6,900.0 | 113.9 | 114.2 | 90.00 | -858.3 | 3,991.5 | 600.0 | 372.3 | 227.69 | 2.635 | | |
| 10,900.0 | 6,900.0 | 10,968.6 | 6,900.0 | 116.6 | 117.0 | 90.00 | -857.2 | 4,091.5 | 600.0 | 366.8 | 233.24 | 2.572 | | |
| 11,000.0 | 6,900.0 | 11,068.6 | 6,900.0 | 119.4 | 119.7 | 90.00 | -856.0 | 4,191.5 | 600.0 | 361.2 | 238.81 | 2.512 | | |
| 11,100.0 | 6,900.0 | 11,168.6 | 6,900.0 | 122.2 | 122.5 | 90.00 | -854.8 | 4,291.5 | 600.0 | 355.6 | 244.37 | 2.455 | | |
| 11,200.0 | 6,900.0 | 11,268.6 | 6,900.0 | 125.0 | 125.3 | 90.00 | -853.6 | 4,391.5 | 600.0 | 350.1 | 249.93 | 2.401 | | |
| 11,300.0 | 6,900.0 | 11,368.6 | 6,900.0 | 127.8 | 128.1 | 90.00 | -852.5 | 4,491.4 | 600.0 | 344.5 | 255.50 | 2.348 | | |
| 11,361.6 | 6,900.0 | 11,430.2 | 6,900.0 | 129.5 | 129.8 | 90.00 | -851.7 | 4,553.1 | 600.0 | 341.1 | 258.93 | 2.317 | | |
| 11,403.5 | 6,900.0 | 11,466.9 | 6,900.0 | 130.7 | 130.8 | 90.00 | -851.3 | 4,589.7 | 600.0 | 338.9 | 261.12 | 2.298 SF | | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

| Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15) | | | | | | | | | | | | | 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 | 0.00 | 59.7 | 0.0 | 59.7 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 0.00 | 59.7 | 0.0 | 59.7 | 59.5 | 0.22 | 265.799 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 0.00 | 59.7 | 0.0 | 59.7 | 59.1 | 0.67 | 88.600 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.6 | 0.6 | 0.00 | 59.7 | 0.0 | 59.7 | 58.6 | 1.12 | 53.160 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.8 | 0.8 | 0.00 | 59.7 | 0.0 | 59.7 | 58.2 | 1.57 | 37.971 | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 1.0 | 1.0 | 0.00 | 59.7 | 0.0 | 59.7 | 57.7 | 2.02 | 29.533 | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.2 | 1.2 | 0.00 | 59.7 | 0.0 | 59.7 | 57.3 | 2.47 | 24.164 | | |
| 700.0 | 700.0 | 700.0 | 700.0 | 1.5 | 1.5 | 0.00 | 59.7 | 0.0 | 59.7 | 56.8 | 2.92 | 20.446 | | |
| 800.0 | 800.0 | 800.0 | 800.0 | 1.7 | 1.7 | 0.00 | 59.7 | 0.0 | 59.7 | 56.4 | 3.37 | 17.720 | | |
| 900.0 | 900.0 | 900.0 | 900.0 | 1.9 | 1.9 | 0.00 | 59.7 | 0.0 | 59.7 | 55.9 | 3.82 | 15.635 | | |
| 1,000.0 | 1,000.0 | 1,000.0 | 1,000.0 | 2.1 | 2.1 | 0.00 | 59.7 | 0.0 | 59.7 | 55.5 | 4.27 | 13.989 | | |
| 1,100.0 | 1,100.0 | 1,100.0 | 1,100.0 | 2.4 | 2.4 | 0.00 | 59.7 | 0.0 | 59.7 | 55.0 | 4.72 | 12.657 | | |
| 1,200.0 | 1,200.0 | 1,200.0 | 1,200.0 | 2.6 | 2.6 | 0.00 | 59.7 | 0.0 | 59.7 | 54.6 | 5.17 | 11.556 | | |
| 1,300.0 | 1,300.0 | 1,300.0 | 1,300.0 | 2.8 | 2.8 | 0.00 | 59.7 | 0.0 | 59.7 | 54.1 | 5.62 | 10.632 | | |
| 1,400.0 | 1,400.0 | 1,400.0 | 1,400.0 | 3.0 | 3.0 | 0.00 | 59.7 | 0.0 | 59.7 | 53.7 | 6.07 | 9.844 CC, ES | | |
| 1,500.0 | 1,500.0 | 1,498.8 | 1,498.8 | 3.2 | 3.3 | 146.49 | 60.7 | -0.8 | 61.8 | 55.3 | 6.49 | 9.529 | | |
| 1,600.0 | 1,599.9 | 1,597.3 | 1,597.3 | 3.4 | 3.5 | 146.12 | 63.6 | -3.4 | 68.0 | 61.1 | 6.88 | 9.881 | | |
| 1,700.0 | 1,699.7 | 1,695.4 | 1,695.1 | 3.6 | 3.7 | 145.61 | 68.3 | -7.6 | 78.3 | 71.0 | 7.28 | 10.749 | | |
| 1,800.0 | 1,799.3 | 1,792.7 | 1,792.0 | 3.8 | 3.9 | 145.08 | 74.9 | -13.3 | 92.6 | 85.0 | 7.69 | 12.044 | | |
| 1,835.0 | 1,834.1 | 1,826.5 | 1,825.7 | 3.9 | 4.0 | 144.90 | 77.6 | -15.7 | 98.6 | 90.8 | 7.84 | 12.583 | | |
| 1,900.0 | 1,898.6 | 1,889.4 | 1,888.1 | 4.0 | 4.2 | 144.52 | 83.2 | -20.7 | 110.6 | 102.5 | 8.12 | 13.620 | | |
| 2,000.0 | 1,998.0 | 1,987.7 | 1,985.6 | 4.2 | 4.4 | 143.94 | 92.3 | -28.7 | 129.3 | 120.8 | 8.56 | 15.109 | | |
| 2,100.0 | 2,097.3 | 2,085.9 | 2,083.0 | 4.5 | 4.7 | 143.51 | 101.4 | -36.8 | 148.1 | 139.1 | 9.01 | 16.437 | | |
| 2,200.0 | 2,196.7 | 2,184.1 | 2,180.5 | 4.7 | 4.9 | 143.18 | 110.5 | -44.8 | 166.9 | 157.4 | 9.47 | 17.621 | | |
| 2,300.0 | 2,296.0 | 2,282.3 | 2,278.0 | 5.0 | 5.2 | 142.91 | 119.7 | -52.9 | 185.6 | 175.7 | 9.94 | 18.683 | | |
| 2,400.0 | 2,395.4 | 2,380.5 | 2,375.4 | 5.2 | 5.5 | 142.69 | 128.8 | -60.9 | 204.4 | 194.0 | 10.41 | 19.637 | | |
| 2,500.0 | 2,494.8 | 2,478.7 | 2,472.9 | 5.5 | 5.7 | 142.51 | 137.9 | -68.9 | 223.2 | 212.3 | 10.89 | 20.497 | | |
| 2,600.0 | 2,594.1 | 2,577.0 | 2,570.3 | 5.8 | 6.0 | 142.36 | 147.0 | -77.0 | 242.0 | 230.6 | 11.37 | 21.276 | | |
| 2,700.0 | 2,693.5 | 2,675.2 | 2,667.8 | 6.1 | 6.3 | 142.22 | 156.1 | -85.0 | 260.7 | 248.9 | 11.86 | 21.982 | | |
| 2,800.0 | 2,792.8 | 2,773.4 | 2,765.3 | 6.3 | 6.6 | 142.11 | 165.2 | -93.1 | 279.5 | 267.2 | 12.35 | 22.626 | | |
| 2,900.0 | 2,892.2 | 2,871.6 | 2,862.7 | 6.6 | 6.9 | 142.01 | 174.4 | -101.1 | 298.3 | 285.4 | 12.85 | 23.214 | | |
| 3,000.0 | 2,991.5 | 2,969.8 | 2,960.2 | 6.9 | 7.2 | 141.92 | 183.5 | -109.1 | 317.1 | 303.7 | 13.35 | 23.752 | | |
| 3,100.0 | 3,090.9 | 3,068.1 | 3,057.7 | 7.2 | 7.5 | 141.85 | 192.6 | -117.2 | 335.9 | 322.0 | 13.85 | 24.248 | | |
| 3,200.0 | 3,190.2 | 3,166.3 | 3,155.1 | 7.5 | 7.8 | 141.78 | 201.7 | -125.2 | 354.6 | 340.3 | 14.36 | 24.704 | | |
| 3,300.0 | 3,289.6 | 3,264.5 | 3,252.6 | 7.8 | 8.1 | 141.71 | 210.8 | -133.3 | 373.4 | 358.6 | 14.86 | 25.126 | | |
| 3,400.0 | 3,388.9 | 3,362.7 | 3,350.1 | 8.1 | 8.4 | 141.66 | 219.9 | -141.3 | 392.2 | 376.8 | 15.37 | 25.516 | | |
| 3,500.0 | 3,488.3 | 3,460.9 | 3,447.5 | 8.4 | 8.7 | 141.61 | 229.1 | -149.4 | 411.0 | 395.1 | 15.88 | 25.879 | | |
| 3,600.0 | 3,587.6 | 3,559.2 | 3,545.0 | 8.7 | 9.0 | 141.56 | 238.2 | -157.4 | 429.8 | 413.4 | 16.39 | 26.216 | | |
| 3,700.0 | 3,687.0 | 3,657.4 | 3,642.5 | 9.0 | 9.3 | 141.52 | 247.3 | -165.4 | 448.6 | 431.7 | 16.91 | 26.531 | | |
| 3,800.0 | 3,786.3 | 3,755.6 | 3,739.9 | 9.3 | 9.6 | 141.48 | 256.4 | -173.5 | 467.4 | 449.9 | 17.42 | 26.825 | | |
| 3,900.0 | 3,885.7 | 3,853.8 | 3,837.4 | 9.6 | 9.9 | 141.44 | 265.5 | -181.5 | 486.1 | 468.2 | 17.94 | 27.100 | | |
| 4,000.0 | 3,985.0 | 3,952.0 | 3,934.8 | 9.9 | 10.2 | 141.41 | 274.6 | -189.6 | 504.9 | 486.5 | 18.46 | 27.359 | | |
| 4,100.0 | 4,084.4 | 4,065.3 | 4,047.4 | 10.2 | 10.5 | 141.49 | 283.8 | -197.6 | 522.5 | 503.5 | 18.95 | 27.570 | | |
| 4,200.0 | 4,183.7 | 4,181.4 | 4,163.3 | 10.5 | 10.7 | 141.87 | 289.7 | -202.8 | 536.8 | 517.4 | 19.42 | 27.645 | | |
| 4,300.0 | 4,283.1 | 4,298.3 | 4,280.1 | 10.8 | 10.9 | 142.53 | 292.1 | -205.0 | 548.0 | 528.1 | 19.87 | 27.574 | | |
| 4,400.0 | 4,382.4 | 4,400.6 | 4,382.4 | 11.1 | 11.1 | 143.26 | 292.1 | -205.0 | 557.1 | 536.8 | 20.31 | 27.428 | | |
| 4,500.0 | 4,481.8 | 4,500.0 | 4,481.8 | 11.4 | 11.3 | 143.94 | 292.1 | -205.0 | 566.3 | 545.5 | 20.77 | 27.264 | | |
| 4,600.0 | 4,581.1 | 4,599.3 | 4,581.1 | 11.7 | 11.5 | 144.61 | 292.1 | -205.0 | 575.5 | 554.3 | 21.23 | 27.111 | | |
| 4,693.9 | 4,674.4 | 4,692.6 | 4,674.4 | 12.0 | 11.6 | 145.21 | 292.1 | -205.0 | 584.3 | 562.6 | 21.66 | 26.978 | | |
| 4,700.0 | 4,680.5 | 4,698.7 | 4,680.5 | 12.0 | 11.7 | 145.26 | 292.1 | -205.0 | 584.8 | 563.2 | 21.69 | 26.967 | | |
| 4,800.0 | 4,780.1 | 4,798.2 | 4,780.1 | 12.2 | 11.8 | 145.86 | 292.1 | -205.0 | 592.6 | 570.5 | 22.14 | 26.763 | | |
| 4,900.0 | 4,879.9 | 4,898.1 | 4,879.9 | 12.4 | 12.0 | 146.24 | 292.1 | -205.0 | 597.6 | 575.0 | 22.57 | 26.471 | | |

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

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | | |
| 5,000.0 | 4,979.8 | 4,998.0 | 4,979.8 | 12.6 | 12.2 | 146.39 | 292.1 | -205.0 | 599.6 | 576.6 | 22.98 | 26.094 | | |
| 5,020.2 | 5,000.0 | 5,018.2 | 5,000.0 | 12.6 | 12.3 | -0.24 | 292.1 | -205.0 | 599.6 | 575.8 | 23.81 | 25.185 | | |
| 5,100.0 | 5,079.8 | 5,098.0 | 5,079.8 | 12.8 | 12.4 | -0.24 | 292.1 | -205.0 | 599.6 | 575.5 | 24.12 | 24.865 | | |
| 5,200.0 | 5,179.8 | 5,198.0 | 5,179.8 | 13.0 | 12.6 | -0.24 | 292.1 | -205.0 | 599.6 | 575.2 | 24.49 | 24.482 | | |
| 5,300.0 | 5,279.8 | 5,298.0 | 5,279.8 | 13.1 | 12.8 | -0.24 | 292.1 | -205.0 | 599.6 | 574.8 | 24.87 | 24.108 | | |
| 5,400.0 | 5,379.8 | 5,398.0 | 5,379.8 | 13.3 | 13.0 | -0.24 | 292.1 | -205.0 | 599.6 | 574.4 | 25.25 | 23.744 | | |
| 5,500.0 | 5,479.8 | 5,498.0 | 5,479.8 | 13.5 | 13.2 | -0.24 | 292.1 | -205.0 | 599.6 | 574.0 | 25.64 | 23.389 | | |
| 5,600.0 | 5,579.8 | 5,598.0 | 5,579.8 | 13.6 | 13.4 | -0.24 | 292.1 | -205.0 | 599.6 | 573.6 | 26.02 | 23.042 | | |
| 5,700.0 | 5,679.8 | 5,698.0 | 5,679.8 | 13.8 | 13.6 | -0.24 | 292.1 | -205.0 | 599.6 | 573.2 | 26.41 | 22.703 | | |
| 5,800.0 | 5,779.8 | 5,798.0 | 5,779.8 | 14.0 | 13.8 | -0.24 | 292.1 | -205.0 | 599.6 | 572.8 | 26.80 | 22.373 | | |
| 5,900.0 | 5,879.8 | 5,898.0 | 5,879.8 | 14.2 | 14.0 | -0.24 | 292.1 | -205.0 | 599.6 | 572.5 | 27.19 | 22.051 | | |
| 6,000.0 | 5,979.8 | 5,998.0 | 5,979.8 | 14.3 | 14.2 | -0.24 | 292.1 | -205.0 | 599.6 | 572.1 | 27.59 | 21.737 | | |
| 6,100.0 | 6,079.8 | 6,098.0 | 6,079.8 | 14.5 | 14.4 | -0.24 | 292.1 | -205.0 | 599.6 | 571.7 | 27.98 | 21.430 | | |
| 6,204.0 | 6,183.8 | 6,202.0 | 6,183.8 | 14.7 | 14.7 | -0.24 | 292.1 | -205.0 | 599.6 | 571.3 | 28.39 | 21.118 | | |
| 6,250.0 | 6,229.8 | 6,247.7 | 6,229.5 | 14.8 | 14.7 | -89.57 | 292.2 | -203.5 | 599.6 | 571.6 | 28.00 | 21.416 | | |
| 6,300.0 | 6,279.5 | 6,297.4 | 6,279.0 | 14.8 | 14.8 | -89.57 | 292.2 | -198.7 | 599.6 | 571.5 | 28.15 | 21.302 | | |
| 6,350.0 | 6,328.8 | 6,347.1 | 6,327.9 | 14.9 | 14.9 | -89.58 | 292.3 | -190.3 | 599.6 | 571.4 | 28.28 | 21.207 | | |
| 6,400.0 | 6,377.4 | 6,396.8 | 6,376.2 | 15.0 | 14.9 | -89.58 | 292.5 | -178.7 | 599.6 | 571.3 | 28.38 | 21.126 | | |
| 6,450.0 | 6,425.0 | 6,446.5 | 6,423.6 | 15.0 | 15.0 | -89.59 | 292.6 | -163.7 | 599.6 | 571.2 | 28.48 | 21.053 | | |
| 6,500.0 | 6,471.5 | 6,496.2 | 6,469.8 | 15.0 | 15.0 | -89.60 | 292.8 | -145.4 | 599.6 | 571.1 | 28.58 | 20.981 | | |
| 6,550.0 | 6,516.5 | 6,545.9 | 6,514.7 | 15.0 | 15.0 | -89.62 | 293.1 | -124.0 | 599.6 | 571.0 | 28.69 | 20.902 | | |
| 6,600.0 | 6,560.0 | 6,595.7 | 6,557.9 | 15.1 | 15.1 | -89.63 | 293.4 | -99.5 | 599.6 | 570.8 | 28.82 | 20.805 | | |
| 6,650.0 | 6,601.6 | 6,645.4 | 6,599.4 | 15.1 | 15.1 | -89.65 | 293.7 | -72.1 | 599.6 | 570.6 | 29.00 | 20.677 | | |
| 6,700.0 | 6,641.1 | 6,695.1 | 6,638.9 | 15.1 | 15.1 | -89.67 | 294.1 | -41.8 | 599.6 | 570.4 | 29.24 | 20.506 | | |
| 6,750.0 | 6,678.5 | 6,744.9 | 6,676.2 | 15.1 | 15.2 | -89.69 | 294.4 | -8.9 | 599.6 | 570.1 | 29.57 | 20.279 | | |
| 6,800.0 | 6,713.4 | 6,794.7 | 6,711.1 | 15.2 | 15.3 | -89.71 | 294.9 | 26.5 | 599.6 | 569.6 | 30.00 | 19.985 | | |
| 6,850.0 | 6,745.7 | 6,844.5 | 6,743.5 | 15.2 | 15.6 | -89.73 | 295.3 | 64.3 | 599.6 | 569.1 | 30.57 | 19.617 | | |
| 6,900.0 | 6,775.3 | 6,894.3 | 6,773.2 | 15.3 | 16.0 | -89.75 | 295.8 | 104.3 | 599.6 | 568.4 | 31.28 | 19.172 | | |
| 6,950.0 | 6,802.1 | 6,944.1 | 6,800.1 | 15.8 | 16.4 | -89.78 | 296.3 | 146.3 | 599.6 | 567.5 | 32.15 | 18.653 | | |
| 7,000.0 | 6,825.8 | 6,994.0 | 6,824.0 | 16.3 | 16.9 | -89.81 | 296.8 | 190.0 | 599.6 | 566.5 | 33.18 | 18.070 | | |
| 7,050.0 | 6,846.4 | 7,043.8 | 6,844.8 | 17.0 | 17.5 | -89.83 | 297.3 | 235.3 | 599.6 | 565.2 | 34.39 | 17.436 | | |
| 7,100.0 | 6,863.7 | 7,093.7 | 6,862.3 | 17.7 | 18.2 | -89.86 | 297.9 | 282.0 | 599.6 | 563.9 | 35.77 | 16.766 | | |
| 7,150.0 | 6,877.8 | 7,143.6 | 6,876.7 | 18.5 | 19.0 | -89.89 | 298.4 | 329.8 | 599.6 | 562.3 | 37.29 | 16.078 | | |
| 7,200.0 | 6,888.4 | 7,193.6 | 6,887.6 | 19.3 | 19.8 | -89.92 | 299.0 | 378.5 | 599.6 | 560.7 | 38.97 | 15.389 | | |
| 7,250.0 | 6,895.7 | 7,243.5 | 6,895.1 | 20.2 | 20.7 | -89.95 | 299.6 | 427.9 | 599.6 | 558.9 | 40.76 | 14.711 | | |
| 7,300.0 | 6,899.4 | 7,293.5 | 6,899.2 | 21.2 | 21.6 | -89.98 | 300.2 | 477.7 | 599.6 | 557.0 | 42.65 | 14.058 | | |
| 7,329.0 | 6,900.0 | 7,322.5 | 6,900.0 | 21.8 | 22.2 | -90.00 | 300.5 | 506.6 | 599.6 | 555.8 | 43.79 | 13.694 | | |
| 7,330.9 | 6,900.0 | 7,324.4 | 6,900.0 | 21.8 | 22.2 | -90.00 | 300.5 | 508.6 | 599.6 | 555.8 | 43.87 | 13.669 | | |
| 7,400.0 | 6,900.0 | 7,393.5 | 6,900.0 | 23.2 | 23.6 | -90.00 | 301.3 | 577.6 | 599.6 | 552.9 | 46.69 | 12.843 | | |
| 7,500.0 | 6,900.0 | 7,493.5 | 6,900.0 | 25.4 | 25.8 | -90.00 | 302.5 | 677.6 | 599.6 | 548.6 | 51.02 | 11.754 | | |
| 7,600.0 | 6,900.0 | 7,593.5 | 6,900.0 | 27.7 | 28.0 | -90.00 | 303.7 | 777.6 | 599.6 | 544.1 | 55.57 | 10.790 | | |
| 7,700.0 | 6,900.0 | 7,693.5 | 6,900.0 | 30.1 | 30.4 | -90.00 | 304.8 | 877.6 | 599.6 | 539.3 | 60.31 | 9.943 | | |
| 7,800.0 | 6,900.0 | 7,793.5 | 6,900.0 | 32.5 | 32.8 | -90.00 | 306.0 | 977.6 | 599.6 | 534.4 | 65.18 | 9.199 | | |
| 7,900.0 | 6,900.0 | 7,893.5 | 6,900.0 | 35.0 | 35.3 | -90.00 | 307.2 | 1,077.6 | 599.6 | 529.5 | 70.17 | 8.546 | | |
| 8,000.0 | 6,900.0 | 7,993.5 | 6,900.0 | 37.6 | 37.8 | -90.00 | 308.4 | 1,177.6 | 599.6 | 524.4 | 75.24 | 7.970 | | |
| 8,100.0 | 6,900.0 | 8,093.5 | 6,900.0 | 40.1 | 40.4 | -90.00 | 309.5 | 1,277.6 | 599.6 | 519.2 | 80.38 | 7.460 | | |
| 8,200.0 | 6,900.0 | 8,193.5 | 6,900.0 | 42.7 | 43.0 | -90.00 | 310.7 | 1,377.6 | 599.6 | 514.0 | 85.58 | 7.006 | | |
| 8,300.0 | 6,900.0 | 8,293.5 | 6,900.0 | 45.4 | 45.6 | -90.00 | 311.9 | 1,477.6 | 599.6 | 508.8 | 90.83 | 6.601 | | |
| 8,400.0 | 6,900.0 | 8,393.5 | 6,900.0 | 48.0 | 48.2 | -90.00 | 313.1 | 1,577.6 | 599.6 | 503.5 | 96.13 | 6.238 | | |
| 8,500.0 | 6,900.0 | 8,493.5 | 6,900.0 | 50.7 | 50.9 | -90.00 | 314.2 | 1,677.6 | 599.6 | 498.2 | 101.45 | 5.911 | | |
| 8,600.0 | 6,900.0 | 8,593.5 | 6,900.0 | 53.4 | 53.5 | -90.00 | 315.4 | 1,777.6 | 599.6 | 492.8 | 106.81 | 5.614 | | |
| 8,700.0 | 6,900.0 | 8,693.5 | 6,900.0 | 56.1 | 56.2 | -90.00 | 316.6 | 1,877.6 | 599.6 | 487.4 | 112.19 | 5.345 | | |

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

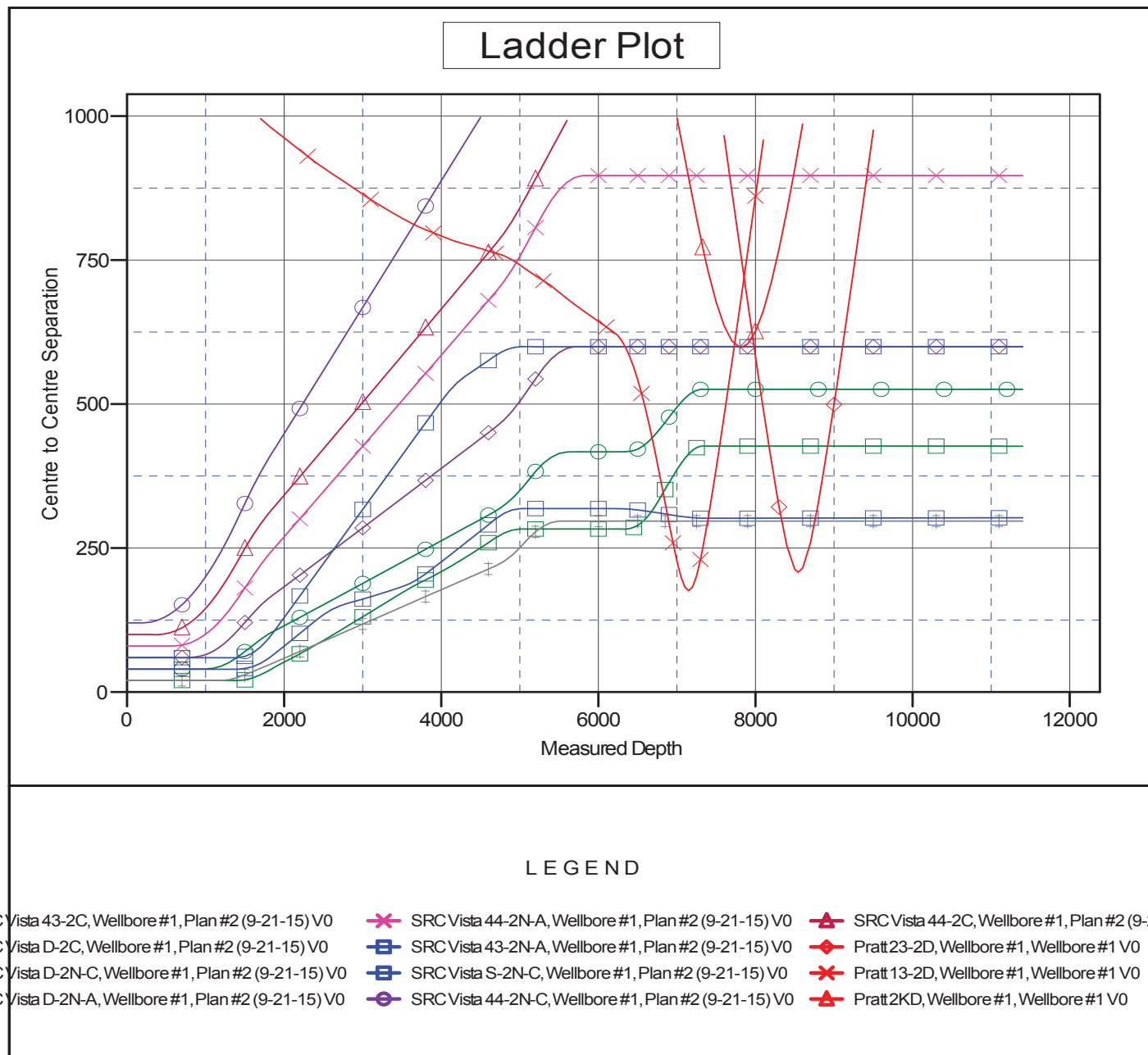
| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | 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 | 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) | | | |
| 8,800.0 | 6,900.0 | 8,793.5 | 6,900.0 | 58.8 | 58.9 | -90.00 | 317.7 | 1,977.5 | 599.6 | 482.0 | 117.59 | 5.099 | | |
| 8,900.0 | 6,900.0 | 8,893.5 | 6,900.0 | 61.5 | 61.6 | -90.00 | 318.9 | 2,077.5 | 599.6 | 476.6 | 123.01 | 4.875 | | |
| 9,000.0 | 6,900.0 | 8,993.5 | 6,900.0 | 64.2 | 64.3 | -90.00 | 320.1 | 2,177.5 | 599.6 | 471.2 | 128.44 | 4.668 | | |
| 9,100.0 | 6,900.0 | 9,093.5 | 6,900.0 | 66.9 | 67.1 | -90.00 | 321.3 | 2,277.5 | 599.6 | 465.7 | 133.89 | 4.478 | | |
| 9,200.0 | 6,900.0 | 9,193.5 | 6,900.0 | 69.7 | 69.8 | -90.00 | 322.4 | 2,377.5 | 599.6 | 460.3 | 139.36 | 4.303 | | |
| 9,300.0 | 6,900.0 | 9,293.5 | 6,900.0 | 72.4 | 72.5 | -90.00 | 323.6 | 2,477.5 | 599.6 | 454.8 | 144.83 | 4.140 | | |
| 9,400.0 | 6,900.0 | 9,393.5 | 6,900.0 | 75.1 | 75.3 | -90.00 | 324.8 | 2,577.5 | 599.6 | 449.3 | 150.32 | 3.989 | | |
| 9,500.0 | 6,900.0 | 9,493.5 | 6,900.0 | 77.9 | 78.0 | -90.00 | 326.0 | 2,677.5 | 599.6 | 443.8 | 155.81 | 3.848 | | |
| 9,600.0 | 6,900.0 | 9,593.5 | 6,900.0 | 80.6 | 80.7 | -90.00 | 327.1 | 2,777.5 | 599.6 | 438.3 | 161.31 | 3.717 | | |
| 9,700.0 | 6,900.0 | 9,693.5 | 6,900.0 | 83.4 | 83.5 | -90.00 | 328.3 | 2,877.5 | 599.6 | 432.8 | 166.82 | 3.594 | | |
| 9,800.0 | 6,900.0 | 9,793.5 | 6,900.0 | 86.2 | 86.3 | -90.00 | 329.5 | 2,977.5 | 599.6 | 427.3 | 172.33 | 3.479 | | |
| 9,900.0 | 6,900.0 | 9,893.5 | 6,900.0 | 88.9 | 89.0 | -90.00 | 330.7 | 3,077.5 | 599.6 | 421.8 | 177.86 | 3.371 | | |
| 10,000.0 | 6,900.0 | 9,993.5 | 6,900.0 | 91.7 | 91.8 | -90.00 | 331.8 | 3,177.5 | 599.6 | 416.2 | 183.38 | 3.270 | | |
| 10,100.0 | 6,900.0 | 10,093.5 | 6,900.0 | 94.4 | 94.5 | -90.00 | 333.0 | 3,277.5 | 599.6 | 410.7 | 188.91 | 3.174 | | |
| 10,200.0 | 6,900.0 | 10,193.5 | 6,900.0 | 97.2 | 97.3 | -90.00 | 334.2 | 3,377.4 | 599.6 | 405.2 | 194.45 | 3.084 | | |
| 10,300.0 | 6,900.0 | 10,293.5 | 6,900.0 | 100.0 | 100.1 | -90.00 | 335.3 | 3,477.4 | 599.6 | 399.6 | 199.99 | 2.998 | | |
| 10,400.0 | 6,900.0 | 10,393.5 | 6,900.0 | 102.8 | 102.8 | -90.00 | 336.5 | 3,577.4 | 599.6 | 394.1 | 205.53 | 2.917 | | |
| 10,500.0 | 6,900.0 | 10,493.5 | 6,900.0 | 105.5 | 105.6 | -90.00 | 337.7 | 3,677.4 | 599.6 | 388.6 | 211.08 | 2.841 | | |
| 10,600.0 | 6,900.0 | 10,593.5 | 6,900.0 | 108.3 | 108.4 | -90.00 | 338.9 | 3,777.4 | 599.6 | 383.0 | 216.63 | 2.768 | | |
| 10,700.0 | 6,900.0 | 10,693.5 | 6,900.0 | 111.1 | 111.2 | -90.00 | 340.0 | 3,877.4 | 599.6 | 377.4 | 222.18 | 2.699 | | |
| 10,800.0 | 6,900.0 | 10,793.5 | 6,900.0 | 113.9 | 113.9 | -90.00 | 341.2 | 3,977.4 | 599.6 | 371.9 | 227.74 | 2.633 | | |
| 10,900.0 | 6,900.0 | 10,893.5 | 6,900.0 | 116.6 | 116.7 | -90.00 | 342.4 | 4,077.4 | 599.6 | 366.3 | 233.30 | 2.570 | | |
| 11,000.0 | 6,900.0 | 10,993.5 | 6,900.0 | 119.4 | 119.5 | -90.00 | 343.6 | 4,177.4 | 599.6 | 360.8 | 238.86 | 2.510 | | |
| 11,100.0 | 6,900.0 | 11,093.5 | 6,900.0 | 122.2 | 122.3 | -90.00 | 344.7 | 4,277.4 | 599.6 | 355.2 | 244.42 | 2.453 | | |
| 11,200.0 | 6,900.0 | 11,193.5 | 6,900.0 | 125.0 | 125.1 | -90.00 | 345.9 | 4,377.4 | 599.6 | 349.6 | 249.99 | 2.399 | | |
| 11,300.0 | 6,900.0 | 11,293.5 | 6,900.0 | 127.8 | 127.8 | -90.00 | 347.1 | 4,477.4 | 599.6 | 344.1 | 255.56 | 2.346 | | |
| 11,403.5 | 6,900.0 | 11,397.0 | 6,900.0 | 130.7 | 130.7 | -90.00 | 348.3 | 4,580.9 | 599.6 | 338.3 | 261.32 | 2.295 SF | | |

| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 5013.5ft (Ensign 131 RKB 1
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: SRC Vista 43-2N-C
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.34°



| | | | |
|---------------------------|------------------------------|-------------------------------------|--|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Vista 43-2N-C |
| Project: | SEC.2-T4N-R68W | TVD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Reference Site: | SRC Vista Pad Sec.2-T4N-R68W | MD Reference: | WELL @ 5013.5ft (Ensign 131 RKB 13.5') |
| Site Error: | 0.0 ft | North Reference: | True |
| Reference Well: | SRC Vista 43-2N-C | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Wellbore #1 | Database: | US_EDM |
| Reference Design: | Plan #2 (9-21-15) | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 5013.5ft (Ensign 131 RKB 1

Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

Coordinates are relative to: SRC Vista 43-2N-C

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.34°

