

Conoco Phillips Company

Arapahoe County, Colorado

Sec. 17-T4S-R65W (Eastern Hills 4-65 Pad)

Eastern Hills 4-65 17-18 1DH

Plan A (Pilot) (Need MagVar before Drilling)

Plan: Rev A1

Sperry Drilling Services

Proposal Report

30 March, 2015

Well Coordinates: 1,683,421.27 N, 3,230,399.92 E (39° 42' 24.99" N, 104° 40' 51.94" W)

Ground Level: 5,621.80 usft

Local Coordinate Origin:

Centered on Well Eastern Hills 4-65 17-18 1DH

Viewing Datum:

KB 24 ft @ 5645.80usft (Unknown)

TVDs to System:

N

North Reference:

True

Unit System:

API - US Survey Feet - Custom

Geodetic Scale Factor Applied

Version: 5000.1 Build: 73

HALLIBURTON

Charge for permit plan will be credited back to Conoco Phillips if well is drilled using Sperry Drilling as the directional provider.

Plan Report for Eastern Hills 4-65 17-18 1DH - Rev A1

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | Toolface Azimuth (°) |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 0.00 | 0.00 | 1,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 0.00 | 0.00 | 1,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 0.00 | 0.00 | 1,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 0.00 | 0.00 | 1,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 0.00 | 0.00 | 1,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 0.00 | 0.00 | 1,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 0.00 | 0.00 | 1,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,720.00 | 0.00 | 0.00 | 1,720.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Fox Hills | | | | | | | | | | |
| 1,800.00 | 0.00 | 0.00 | 1,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,897.00 | 0.00 | 0.00 | 1,897.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Pierre Shale | | | | | | | | | | |
| 1,900.00 | 0.00 | 0.00 | 1,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 0.00 | 0.00 | 2,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,097.00 | 0.00 | 0.00 | 2,097.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 5/8" Casing Pt. | | | | | | | | | | |
| 2,100.00 | 0.00 | 0.00 | 2,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,175.00 | 0.00 | 0.00 | 2,175.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Begin Nudge @ 2175.00 ft | | | | | | | | | | |
| 2,200.00 | 0.38 | 0.00 | 2,200.00 | 0.08 | 0.00 | 0.08 | 1.50 | 1.50 | 0.00 | 0.00 |
| 2,300.00 | 1.88 | 0.00 | 2,299.98 | 2.05 | 0.00 | 2.05 | 1.50 | 1.50 | 0.00 | 0.00 |
| 2,385.00 | 3.15 | 0.00 | 2,384.89 | 5.77 | 0.00 | 5.77 | 1.50 | 1.50 | 0.00 | 0.00 |
| End Nudge @ 2385.00 ft | | | | | | | | | | |
| 2,400.00 | 3.15 | 0.00 | 2,399.87 | 6.60 | 0.00 | 6.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 3.15 | 0.00 | 2,499.72 | 12.09 | 0.00 | 12.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 3.15 | 0.00 | 2,599.57 | 17.59 | 0.00 | 17.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 3.15 | 0.00 | 2,699.42 | 23.08 | 0.00 | 23.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 3.15 | 0.00 | 2,799.27 | 28.58 | 0.00 | 28.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 3.15 | 0.00 | 2,899.12 | 34.07 | 0.00 | 34.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 3.15 | 0.00 | 2,998.97 | 39.57 | 0.00 | 39.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 3.15 | 0.00 | 3,098.81 | 45.06 | 0.00 | 45.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 3.15 | 0.00 | 3,198.66 | 50.56 | 0.00 | 50.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 3.15 | 0.00 | 3,298.51 | 56.05 | 0.00 | 56.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 3.15 | 0.00 | 3,398.36 | 61.55 | 0.00 | 61.55 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 3.15 | 0.00 | 3,498.21 | 67.04 | 0.00 | 67.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 3.15 | 0.00 | 3,598.06 | 72.54 | 0.00 | 72.54 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 3.15 | 0.00 | 3,697.91 | 78.03 | 0.00 | 78.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 3.15 | 0.00 | 3,797.76 | 83.53 | 0.00 | 83.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 3.15 | 0.00 | 3,897.61 | 89.02 | 0.00 | 89.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 3.15 | 0.00 | 3,997.45 | 94.52 | 0.00 | 94.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 3.15 | 0.00 | 4,097.30 | 100.01 | 0.00 | 100.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 3.15 | 0.00 | 4,197.15 | 105.51 | 0.00 | 105.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 3.15 | 0.00 | 4,297.00 | 111.00 | 0.00 | 111.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 3.15 | 0.00 | 4,396.85 | 116.50 | 0.00 | 116.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 3.15 | 0.00 | 4,496.70 | 121.99 | 0.00 | 121.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 3.15 | 0.00 | 4,596.55 | 127.49 | 0.00 | 127.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 3.15 | 0.00 | 4,696.40 | 132.98 | 0.00 | 132.98 | 0.00 | 0.00 | 0.00 | 0.00 |

Plan Report for Eastern Hills 4-65 17-18 1DH - Rev A1

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | Toolface Azimuth (°) |
|--------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|----------------------|
| 4,800.00 | 3.15 | 0.00 | 4,796.25 | 138.48 | 0.00 | 138.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 3.15 | 0.00 | 4,896.09 | 143.97 | 0.00 | 143.97 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 3.15 | 0.00 | 4,995.94 | 149.47 | 0.00 | 149.47 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 3.15 | 0.00 | 5,095.79 | 154.96 | 0.00 | 154.96 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 3.15 | 0.00 | 5,195.64 | 160.46 | 0.00 | 160.46 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 3.15 | 0.00 | 5,295.49 | 165.95 | 0.00 | 165.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 3.15 | 0.00 | 5,395.34 | 171.45 | 0.00 | 171.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 3.15 | 0.00 | 5,495.19 | 176.94 | 0.00 | 176.94 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 3.15 | 0.00 | 5,595.04 | 182.44 | 0.00 | 182.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 3.15 | 0.00 | 5,694.89 | 187.93 | 0.00 | 187.93 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 3.15 | 0.00 | 5,794.73 | 193.43 | 0.00 | 193.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 3.15 | 0.00 | 5,894.58 | 198.92 | 0.00 | 198.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 3.15 | 0.00 | 5,994.43 | 204.42 | 0.00 | 204.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 3.15 | 0.00 | 6,094.28 | 209.91 | 0.00 | 209.91 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 3.15 | 0.00 | 6,194.13 | 215.41 | 0.00 | 215.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 3.15 | 0.00 | 6,293.98 | 220.90 | 0.00 | 220.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 3.15 | 0.00 | 6,393.83 | 226.40 | 0.00 | 226.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 3.15 | 0.00 | 6,493.68 | 231.89 | 0.00 | 231.89 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 3.15 | 0.00 | 6,593.53 | 237.39 | 0.00 | 237.39 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 3.15 | 0.00 | 6,693.37 | 242.88 | 0.00 | 242.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 3.15 | 0.00 | 6,793.22 | 248.38 | 0.00 | 248.38 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,881.90 | 3.15 | 0.00 | 6,875.00 | 252.88 | 0.00 | 252.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| Begin Drop @ 6881.90 ft | | | | | | | | | | |
| 6,900.00 | 2.88 | 0.00 | 6,893.07 | 253.83 | 0.00 | 253.83 | 1.50 | -1.50 | 0.00 | 180.00 |
| 7,000.00 | 1.38 | 0.00 | 6,993.00 | 257.54 | 0.00 | 257.54 | 1.50 | -1.50 | 0.00 | 180.00 |
| 7,091.90 | 0.00 | 0.00 | 7,084.89 | 258.65 | 0.00 | 258.65 | 1.50 | -1.50 | 0.00 | -180.00 |
| End Drop @ 7091.90 ft | | | | | | | | | | |
| 7,100.00 | 0.00 | 0.00 | 7,092.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 0.00 | 0.00 | 7,192.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.00 | 0.00 | 7,292.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 0.00 | 0.00 | 7,392.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 0.00 | 0.00 | 7,492.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 0.00 | 0.00 | 7,592.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,670.01 | 0.00 | 0.00 | 7,663.00 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sharon Springs | | | | | | | | | | |
| 7,700.00 | 0.00 | 0.00 | 7,692.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,774.01 | 0.00 | 0.00 | 7,767.00 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| Niobrara | | | | | | | | | | |
| 7,800.00 | 0.00 | 0.00 | 7,792.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,845.01 | 0.00 | 0.00 | 7,838.00 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| Niobrara B | | | | | | | | | | |
| 7,889.01 | 0.00 | 0.00 | 7,882.00 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| Niobrara C | | | | | | | | | | |
| 7,900.00 | 0.00 | 0.00 | 7,892.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,963.01 | 0.00 | 0.00 | 7,956.00 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| Niobrara D | | | | | | | | | | |
| 8,000.00 | 0.00 | 0.00 | 7,992.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,084.01 | 0.00 | 0.00 | 8,077.00 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| Fort Hays Limestone | | | | | | | | | | |
| 8,100.00 | 0.00 | 0.00 | 8,092.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,156.01 | 0.00 | 0.00 | 8,149.00 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| Greenhorn Limestone | | | | | | | | | | |
| 8,200.00 | 0.00 | 0.00 | 8,192.99 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,259.01 | 0.00 | 0.00 | 8,252.00 | 258.65 | 0.00 | 258.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Depth 8259.01 ft | | | | | | | | | | |

Plan Report for Eastern Hills 4-65 17-18 1DH - Rev A1

Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------------|-----------------------------|-------------------|-----------------|--------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 2,175.00 | 2,175.00 | 0.00 | 0.00 | Begin Nudge @ 2175.00 ft |
| 2,385.00 | 2,384.89 | 5.77 | 0.00 | End Nudge @ 2385.00 ft |
| 6,881.90 | 6,875.00 | 252.88 | 0.00 | Begin Drop @ 6881.90 ft |
| 7,091.90 | 7,084.89 | 258.65 | 0.00 | End Drop @ 7091.90 ft |
| 8,259.01 | 8,252.00 | 258.65 | 0.00 | Total Depth 8259.01 ft |

Vertical Section Information

| Angle Type | Target | Azimuth (°) | Origin Type | Origin | | Start TVD (usft) |
|---------------|---|----------------|----------------|-----------------|-----------------|------------------------|
| | | | | +N/-S (usft) | +E/-W (usft) | |
| Target | Eastern Hills 4-65 17-18 1DH (Pilot)_Rev A1_BHLTgt | 0.00 | Slot | 0.00 | 0.00 | 0.00 |

Survey tool program

| From (usft) | To (usft) | Survey/Plan | Survey Tool |
|----------------|--------------|-------------|----------------|
| 0.00 | 2,097.00 | Rev A1 | MWD+IFR1+MS_WY |
| 2,097.00 | 8,259.01 | Rev A1 | MWD+IFR1+MS_WY |

Casing Details

| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (") | Hole Diameter (") |
|-----------------------------|-----------------------------|-------------------|---------------------------|-------------------------|
| 2,097.00 | 2,097.00 | 9 5/8" Casing Pt. | 9-5/8 | 13-1/2 |

Formation Details

| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------------|-----------------------------|---------------------|-----------|------------|-------------------------|
| 1,720.00 | 1,720.00 | Fox Hills | | | |
| 1,897.00 | 1,897.00 | Pierre Shale | | | |
| 7,670.01 | 7,663.00 | Sharon Springs | | | |
| 7,774.01 | 7,767.00 | Niobrara | | | |
| 7,845.01 | 7,838.00 | Niobrara B | | | |
| 7,889.01 | 7,882.00 | Niobrara C | | | |
| 7,963.01 | 7,956.00 | Niobrara D | | | |
| 8,084.01 | 8,077.00 | Fort Hays Limestone | | | |
| 8,156.01 | 8,149.00 | Greenhorn Limestone | | | |

Plan Report for Eastern Hills 4-65 17-18 1DH - Rev A1

Targets associated with this wellbore

| Target Name | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Shape |
|---|---------------|-----------------|-----------------|---------|
| Eastern Hills 4-65 17-18 1DH_SB | 0.00 | 0.00 | 0.00 | Polygon |
| Eastern Hills 4-65 17-18 1DH_SL | 0.00 | 0.00 | 0.00 | Polygon |
| Eastern Hills 4-65 17-18 1DH_SHL | 0.00 | 0.00 | 0.00 | Point |
| State-Smith 1-16_(1500 ft Radius) | 3.10 | 776.30 | 1,418.28 | Circle |
| Eastern Hills 4-65 17-18 1DH (Pilot)_Rev A1_B | 8,252.00 | 259.14 | 0.00 | Point |

Directional Difficulty Index

| | | | |
|-------------------------------------|----------------|-------------------------------|---------------------------------|
| Average Dogleg over Survey: | 0.08 °/100usft | Maximum Dogleg over Survey: | 1.50 °/100usft at 2,385.00 usft |
| Net Tortousity applicable to Plans: | 0.08 °/100usft | Directional Difficulty Index: | 4.071 |

Audit Info

North Reference Sheet for Sec. 17-T4S-R65W (Eastern Hills 4-65 Pad) - Eastern Hills 4-65 17-18 1DH - Plan A (Pilot) (Need MagVar before Drilling)

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference .
Vertical Depths are relative to KB 24 ft @ 5645.80usft (Unknown). Northing and Easting are relative to Eastern Hills 4-65 17-18 1DH
Coordinate System is US State Plane 1983, Colorado Central Zone using datum North American Datum 1983, ellipsoid GRS 1980
Projection method is Lambert Conformal Conic (2 parallel)
Central Meridian is -105.50°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:39° 45' 0.000 N°
False Easting: 3,000,000.00usft, False Northing: 1,000,000.00usft, Scale Reduction: 0.99999177

Grid Coordinates of Well: 1,683,421.27 usft N, 3,230,399.92 usft E
Geographical Coordinates of Well: 39° 42' 24.99" N, 104° 40' 51.94" W
Grid Convergence at Surface is: 0.52°

Based upon Minimum Curvature type calculations, at a Measured Depth of 8,259.01usft
the Bottom Hole Displacement is 258.65usft in the Direction of 0.00° (True).
Magnetic Convergence at surface is: -7.76° (23 March 2016, , BGGM2014)

