



True Oil Company

Breeze Unit

Breeze Unit

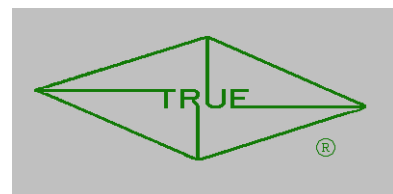
34-15

34-15

Plan: Plan #1 5/100_30 deg

Standard Planning Report

11 May, 2010





| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well 34-15 |
| Company: | True Oil Company | TVD Reference: | WELL @ 5280.0ft (Estimate Elev) |
| Project: | Breeze Unit | MD Reference: | WELL @ 5280.0ft (Estimate Elev) |
| Site: | Breeze Unit | North Reference: | True |
| Well: | 34-15 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | 34-15 | | |
| Design: | Plan #1 5/100_30 deg | | |

| | | | |
|-------------|---------------------------|---------------|----------------|
| Project | Breeze Unit | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Wyoming Eastern Zone | | |

| Site | | Breeze Unit | | | | |
|-----------------------|----------|-------------|----------------|------------|-------------------|---------|
| Site Position: | | Northing: | 1,366,730.50ft | Latitude: | 44° 15' 0.000 N | |
| From: | Lat/Long | Easting: | 568,826.88ft | Longitude: | 105° 30' 0.000 W | |
| Position Uncertainty: | | 0.0 ft | Slot Radius: | " | Grid Convergence: | -0.23 ° |

| | | | | | | |
|----------------------|-------|--------|---------------------|-----------------|---------------|------------------|
| Well | 34-15 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,366,730.50 ft | Latitude: | 44° 15' 0.000 N |
| | +E/-W | 0.0 ft | Easting: | 568,826.88 ft | Longitude: | 105° 30' 0.000 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 5,260.0 ft |

| | | | | | |
|-----------|------------|-------------|--------------------|------------------|------------------------|
| Wellbore | 34-15 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF200510 | 11/23/09 | 9.81 | 70.03 | 55,142 |

| | | | | |
|-------------------|--------------------------|---------------|---------------|------------------|
| Design | Plan #1 5/100_30 deg | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 260.00 |

| Plan Sections | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|--------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,300.0 | 0.00 | 0.00 | 8,300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,900.0 | 30.00 | 260.00 | 8,873.0 | -26.7 | -151.2 | 5.00 | 5.00 | 0.00 | 260.00 | |
| 10,432.3 | 30.00 | 260.00 | 10,200.0 | -159.7 | -905.7 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well 34-15 |
| Company: | True Oil Company | TVD Reference: | WELL @ 5280.0ft (Estimate Elev) |
| Project: | Breeze Unit | MD Reference: | WELL @ 5280.0ft (Estimate Elev) |
| Site: | Breeze Unit | North Reference: | True |
| Well: | 34-15 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | 34-15 | | |
| Design: | Plan #1 5/100_30 deg | | |

| Planned Survey | | | | | | | | | |
|---------------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 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 |
| 1,500.0 | 0.00 | 0.00 | 1,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 0.00 | 0.00 | 2,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 0.00 | 0.00 | 2,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 0.00 | 0.00 | 3,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 0.00 | 0.00 | 3,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 0.00 | 0.00 | 4,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 0.00 | 0.00 | 4,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 0.00 | 0.00 | 5,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 0.00 | 0.00 | 5,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 0.00 | 0.00 | 6,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 0.00 | 0.00 | 6,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 0.00 | 0.00 | 7,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 0.00 | 0.00 | 7,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 0.00 | 0.00 | 8,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 0.00 | 0.00 | 8,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| KOP 5/100' | | | | | | | | | |
| 8,500.0 | 10.00 | 260.00 | 8,499.0 | -3.0 | -17.1 | 17.4 | 5.00 | 5.00 | 0.00 |
| 8,900.0 | 30.00 | 260.00 | 8,873.0 | -26.7 | -151.2 | 153.5 | 5.00 | 5.00 | 0.00 |
| Start 30 deg. hold at 8900' MD | | | | | | | | | |
| 9,000.0 | 30.00 | 260.00 | 8,959.6 | -35.3 | -200.4 | 203.5 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 30.00 | 260.00 | 9,392.6 | -78.8 | -446.6 | 453.5 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 30.00 | 260.00 | 9,825.6 | -122.2 | -692.8 | 703.5 | 0.00 | 0.00 | 0.00 |
| 10,432.3 | 30.00 | 260.00 | 10,200.0 | -159.7 | -905.7 | 919.7 | 0.00 | 0.00 | 0.00 |
| TD at 10432' MD | | | | | | | | | |

| Plan Annotations | | | | |
|---------------------|---------------------|-------------------|------------|--------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 8,300.0 | 8,300.0 | 0.0 | 0.0 | KOP 5/100' |
| 8,900.0 | 8,873.0 | -26.7 | -151.2 | Start 30 deg. hold at 8900' MD |
| 10,432.3 | 10,200.0 | -159.7 | -905.7 | TD at 10432' MD |