

Bill Barrett Corp.

Garfield Co., CO (NAD83)

Kaufman Pad #2 (Sec.25-T6S-R92W)

Kaufman 22D-25-692

Wellbore #1

Design: Wellbore #1

Standard Survey Report

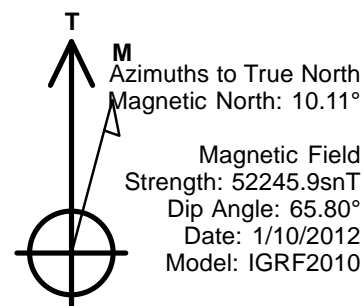
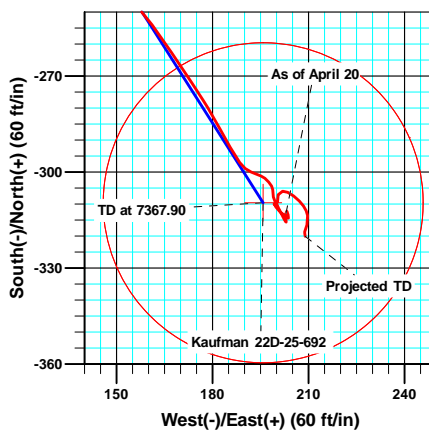
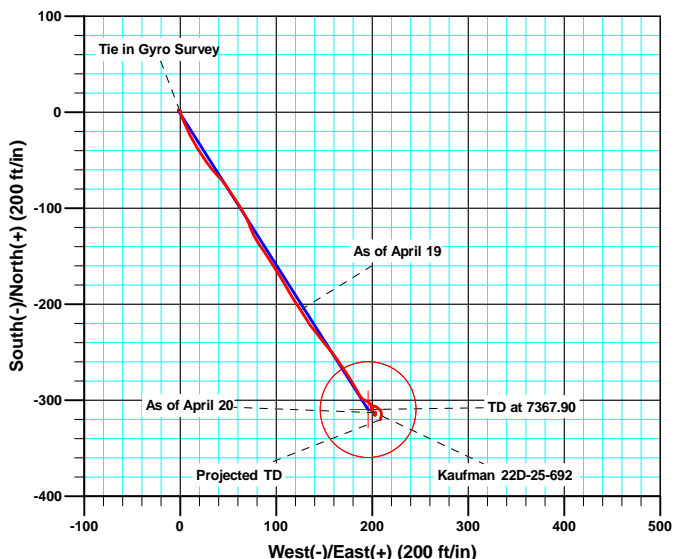
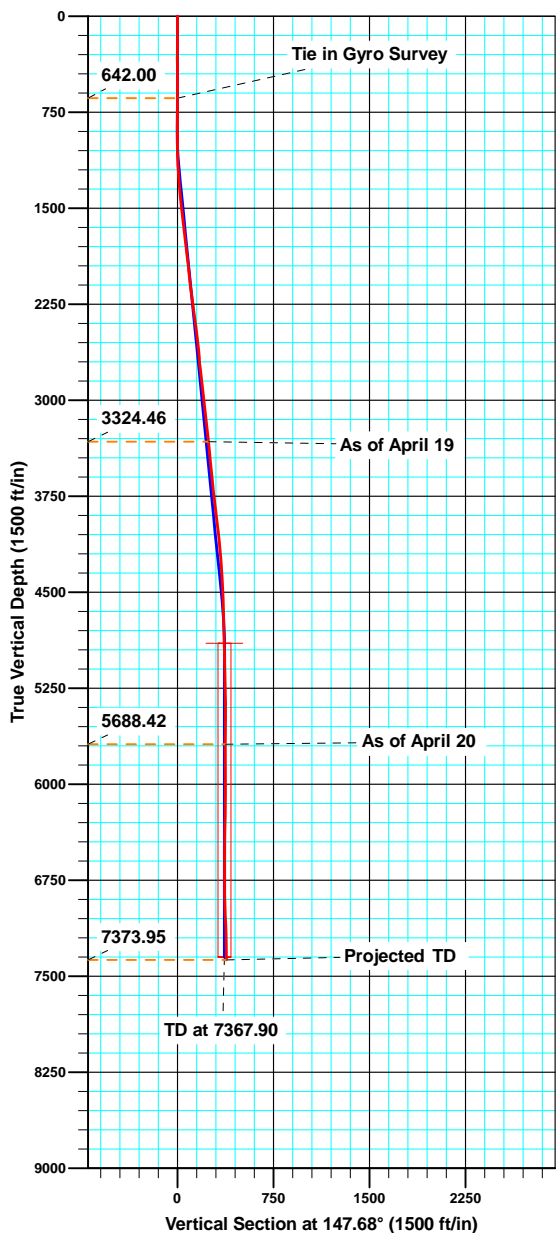
23 April, 2012

Kaufman 22D-25-692

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone

Ground Level: 5840.01

+N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 1614814.16 2402284.69 39° 30' 8.31 N 107° 37' 6.36 W



ANNOTATIONS

| TVD | MD | Inc | Azi | +N/-S | +E/-W | V Sect | Departure | Annotation |
|---------|---------|-------|--------|---------|--------|--------|-----------|--------------------|
| 642.00 | 642.00 | 0.399 | 300.34 | 1.08 | -0.05 | -0.94 | 2.18 | Tie in Gyro Survey |
| 3324.46 | 3338.00 | 5.400 | 143.30 | -205.87 | 125.52 | 241.09 | 247.67 | As of April 19 |
| 5688.42 | 5708.00 | 0.200 | 64.00 | -312.84 | 202.95 | 372.88 | 387.76 | As of April 20 |
| 7373.95 | 7394.00 | 1.100 | 166.80 | -320.06 | 208.98 | 382.20 | 424.35 | Projected TD |



Sharewell Survey Report

| | |
|---|---|
| Company: Bill Barrett Corp. | Local Co-ordinate Reference: Well Kaufman 22D-25-692 |
| Project: Garfield Co., CO (NAD83) | TVD Reference: WELL @ 5863.01ft |
| Site: Kaufman Pad #2 (Sec.25-T6S-R92W) | MD Reference: WELL @ 5863.01ft |
| Well: Kaufman 22D-25-692 | North Reference: True |
| Wellbore: Wellbore #1 | Survey Calculation Method: Minimum Curvature |
| Design: Wellbore #1 | Database: CompassVM |

| | | |
|---|----------------------|----------------|
| Project Garfield Co., CO (NAD83) | | |
| Map System: US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: North American Datum 1983 | | |
| Map Zone: Colorado Central Zone | | |

| | | | | | |
|--|-----------------------------|-------------------|--------------------------|-----------------|--|
| Site Kaufman Pad #2 (Sec.25-T6S-R92W) | | | | | |
| Site Position: | Northing: | 1,614,814.17 usft | Latitude: | 39° 30' 8.31 N | |
| From: Lat/Long | Easting: | 2,402,284.69 usft | Longitude: | 107° 37' 6.36 W | |
| Position Uncertainty: 0.00 ft | Slot Radius: 1.10 ft | | Grid Convergence: | -1.34 ° | |

| | | | | | |
|--------------------------------|--------------|---------|----------------------------|-------------------|-----------------------------------|
| Well Kaufman 22D-25-692 | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 1,614,814.16 usft | Latitude: 39° 30' 8.31 N |
| | +E/-W | 0.00 ft | Easting: | 2,402,284.69 usft | Longitude: 107° 37' 6.36 W |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | ft | Ground Level: 5,840.01 ft |

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|-----------------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore Wellbore #1 | | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 1/10/2012 | 10.11 | 65.80 | 52,246 |

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|---------------------------|------------------------------|----------------------|-------------------|----------------------|--|
| Design Wellbore #1 | | | | | |
| Audit Notes: | | | | | |
| Version: 1.0 | Phase: ACTUAL | Tie On Depth: | 0.00 | | |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 0.00 | 0.00 | 0.00 | 147.68 | |

| | | |
|-----------------------|----------------|----------------------------------|
| Survey Program | | Date 4/23/2012 |
| From (ft) | To (ft) | Survey (Wellbore) |
| 123.00 | 642.00 | Survey #1 (Wellbore #1) |
| 642.00 | 7,394.00 | MWD (Wellbore #1) |
| | | Tool Name |
| | | NS-GYRO-MS |
| | | Description |
| | | North sensing gyrocompassing m/s |
| | | MWD - Standard |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|------------------------------|-----------------------------|----------------------------|------|
| 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) | |
| 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 123.00 | 0.360 | 349.87 | 123.00 | 0.38 | -0.07 | -0.36 | 0.29 | 0.29 | 0.00 | |
| 223.00 | 0.310 | 10.35 | 223.00 | 0.96 | -0.07 | -0.85 | 0.13 | -0.05 | 20.48 | |
| 323.00 | 0.200 | 65.82 | 323.00 | 1.29 | 0.13 | -1.02 | 0.26 | -0.11 | 55.47 | |
| 423.00 | 0.080 | 176.05 | 423.00 | 1.30 | 0.30 | -0.94 | 0.24 | -0.12 | 110.23 | |
| 523.00 | 0.100 | 210.23 | 523.00 | 1.15 | 0.26 | -0.83 | 0.06 | 0.02 | 34.18 | |
| 623.00 | 0.200 | 261.16 | 623.00 | 1.05 | 0.04 | -0.86 | 0.16 | 0.10 | 50.93 | |
| 642.00 | 0.399 | 300.34 | 642.00 | 1.08 | -0.05 | -0.94 | 1.44 | 1.04 | 206.21 | |
| 789.00 | 0.100 | 46.10 | 788.99 | 1.42 | -0.40 | -1.42 | 0.30 | -0.20 | 71.95 | |
| 884.00 | 0.600 | 138.50 | 883.99 | 1.11 | -0.01 | -0.94 | 0.64 | 0.53 | 97.26 | |

Sharewell Survey Report

| | | | |
|------------------|----------------------------------|-------------------------------------|-------------------------|
| Company: | Bill Barrett Corp. | Local Co-ordinate Reference: | Well Kaufman 22D-25-692 |
| Project: | Garfield Co., CO (NAD83) | TVD Reference: | WELL @ 5863.01ft |
| Site: | Kaufman Pad #2 (Sec.25-T6S-R92W) | MD Reference: | WELL @ 5863.01ft |
| Well: | Kaufman 22D-25-692 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | CompassVM |

| 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) |
| 972.00 | 0.400 | 272.40 | 971.99 | 0.78 | -0.01 | -0.66 | 1.05 | -0.23 | 152.16 |
| 1,066.00 | 1.500 | 158.20 | 1,065.98 | -0.35 | 0.12 | 0.36 | 1.81 | 1.17 | -121.49 |
| 1,161.00 | 2.300 | 159.20 | 1,160.93 | -3.29 | 1.26 | 3.45 | 0.84 | 0.84 | 1.05 |
| 1,256.00 | 4.200 | 155.30 | 1,255.77 | -8.23 | 3.39 | 8.77 | 2.01 | 2.00 | -4.11 |
| 1,351.00 | 4.700 | 160.20 | 1,350.48 | -15.05 | 6.16 | 16.02 | 0.66 | 0.53 | 5.16 |
| 1,446.00 | 6.300 | 149.90 | 1,445.05 | -23.23 | 10.09 | 25.03 | 1.97 | 1.68 | -10.84 |
| 1,539.00 | 6.200 | 154.20 | 1,537.49 | -32.16 | 14.84 | 35.11 | 0.51 | -0.11 | 4.62 |
| 1,633.00 | 7.000 | 142.40 | 1,630.87 | -41.27 | 20.54 | 45.86 | 1.67 | 0.85 | -12.55 |
| 1,728.00 | 6.500 | 148.10 | 1,725.22 | -50.42 | 26.92 | 57.00 | 0.88 | -0.53 | 6.00 |
| 1,823.00 | 7.200 | 141.30 | 1,819.54 | -59.63 | 33.48 | 68.30 | 1.13 | 0.74 | -7.16 |
| 1,918.00 | 5.900 | 135.00 | 1,913.92 | -67.73 | 40.66 | 78.98 | 1.56 | -1.37 | -6.63 |
| 2,012.00 | 6.500 | 145.80 | 2,007.37 | -75.55 | 47.06 | 89.01 | 1.39 | 0.64 | 11.49 |
| 2,107.00 | 7.100 | 146.20 | 2,101.70 | -84.88 | 53.35 | 100.25 | 0.63 | 0.63 | 0.42 |
| 2,202.00 | 7.600 | 145.60 | 2,195.92 | -94.94 | 60.17 | 112.40 | 0.53 | 0.53 | -0.63 |
| 2,297.00 | 7.600 | 151.00 | 2,290.09 | -105.62 | 66.76 | 124.95 | 0.75 | 0.00 | 5.68 |
| 2,392.00 | 8.000 | 159.00 | 2,384.21 | -117.28 | 72.18 | 137.70 | 1.22 | 0.42 | 8.42 |
| 2,486.00 | 6.900 | 154.20 | 2,477.42 | -128.47 | 76.98 | 149.73 | 1.34 | -1.17 | -5.11 |
| 2,581.00 | 5.500 | 144.10 | 2,571.86 | -137.30 | 82.13 | 159.94 | 1.86 | -1.47 | -10.63 |
| 2,675.00 | 5.100 | 146.00 | 2,665.46 | -144.41 | 87.11 | 168.61 | 0.46 | -0.43 | 2.02 |
| 2,769.00 | 6.100 | 146.70 | 2,759.01 | -152.05 | 92.19 | 177.78 | 1.07 | 1.06 | 0.74 |
| 2,864.00 | 6.300 | 147.00 | 2,853.46 | -160.64 | 97.80 | 188.04 | 0.21 | 0.21 | 0.32 |
| 2,959.00 | 6.900 | 150.30 | 2,947.83 | -169.97 | 103.47 | 198.96 | 0.75 | 0.63 | 3.47 |
| 3,054.00 | 6.900 | 147.60 | 3,042.14 | -179.75 | 109.35 | 210.36 | 0.34 | 0.00 | -2.84 |
| 3,149.00 | 6.600 | 151.70 | 3,136.48 | -189.37 | 115.00 | 221.52 | 0.60 | -0.32 | 4.32 |
| 3,244.00 | 5.900 | 147.00 | 3,230.92 | -198.27 | 120.24 | 231.84 | 0.91 | -0.74 | -4.95 |
| 3,338.00 | 5.400 | 143.30 | 3,324.46 | -205.87 | 125.52 | 241.09 | 0.66 | -0.53 | -3.94 |
| 3,433.00 | 5.500 | 151.70 | 3,419.03 | -213.46 | 130.35 | 250.08 | 0.85 | 0.11 | 8.84 |
| 3,528.00 | 5.900 | 145.40 | 3,513.56 | -221.49 | 135.28 | 259.50 | 0.78 | 0.42 | -6.63 |
| 3,622.00 | 6.000 | 139.20 | 3,607.06 | -229.19 | 141.23 | 269.19 | 0.69 | 0.11 | -6.60 |
| 3,717.00 | 6.200 | 143.60 | 3,701.52 | -237.08 | 147.52 | 279.22 | 0.54 | 0.21 | 4.63 |
| 3,811.00 | 7.000 | 139.30 | 3,794.90 | -245.50 | 154.27 | 289.95 | 1.00 | 0.85 | -4.57 |
| 3,906.00 | 6.200 | 143.90 | 3,889.27 | -254.04 | 161.07 | 300.79 | 1.01 | -0.84 | 4.84 |
| 4,001.00 | 6.600 | 145.50 | 3,983.67 | -262.68 | 167.18 | 311.37 | 0.46 | 0.42 | 1.68 |
| 4,096.00 | 6.900 | 146.80 | 4,078.02 | -271.96 | 173.40 | 322.53 | 0.35 | 0.32 | 1.37 |
| 4,191.00 | 4.700 | 148.00 | 4,172.52 | -280.03 | 178.59 | 332.13 | 2.32 | -2.32 | 1.26 |
| 4,286.00 | 4.300 | 151.60 | 4,267.23 | -286.47 | 182.34 | 339.57 | 0.52 | -0.42 | 3.79 |
| 4,381.00 | 3.600 | 150.70 | 4,362.00 | -292.20 | 185.50 | 346.11 | 0.74 | -0.74 | -0.95 |
| 4,476.00 | 3.300 | 144.80 | 4,456.83 | -297.04 | 188.53 | 351.82 | 0.49 | -0.32 | -6.21 |
| 4,571.00 | 2.500 | 110.60 | 4,551.72 | -300.00 | 192.05 | 356.20 | 1.97 | -0.84 | -36.00 |
| 4,665.00 | 1.600 | 113.20 | 4,645.66 | -301.24 | 195.17 | 358.92 | 0.96 | -0.96 | 2.77 |
| 4,760.00 | 2.200 | 139.60 | 4,740.61 | -303.15 | 197.57 | 361.82 | 1.10 | 0.63 | 27.79 |
| 4,854.00 | 1.200 | 175.80 | 4,834.57 | -305.50 | 198.82 | 364.47 | 1.51 | -1.06 | 38.51 |
| 4,950.00 | 1.500 | 173.30 | 4,930.54 | -307.75 | 199.04 | 366.49 | 0.32 | 0.31 | -2.60 |

Sharewell
Survey Report

| | | | |
|------------------|----------------------------------|-------------------------------------|-------------------------|
| Company: | Bill Barrett Corp. | Local Co-ordinate Reference: | Well Kaufman 22D-25-692 |
| Project: | Garfield Co., CO (NAD83) | TVD Reference: | WELL @ 5863.01ft |
| Site: | Kaufman Pad #2 (Sec.25-T6S-R92W) | MD Reference: | WELL @ 5863.01ft |
| Well: | Kaufman 22D-25-692 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | CompassVM |

| Survey | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 5,044.00 | 1.100 | 143.00 | 5,024.52 | -309.70 | 199.72 | 368.50 | 0.83 | -0.43 | -32.23 | |
| 5,139.00 | 0.000 | 188.70 | 5,119.51 | -310.43 | 200.27 | 369.41 | 1.16 | -1.16 | 0.00 | |
| 5,234.00 | 1.100 | 156.70 | 5,214.50 | -311.26 | 200.63 | 370.31 | 1.16 | 1.16 | 0.00 | |
| 5,329.00 | 1.900 | 151.10 | 5,309.47 | -313.48 | 201.75 | 372.78 | 0.86 | 0.84 | -5.89 | |
| 5,423.00 | 0.800 | 156.90 | 5,403.44 | -315.45 | 202.76 | 374.98 | 1.18 | -1.17 | 6.17 | |
| 5,518.00 | 0.500 | 359.70 | 5,498.44 | -315.64 | 203.02 | 375.29 | 1.34 | -0.32 | -165.47 | |
| 5,613.00 | 1.400 | 354.60 | 5,593.43 | -314.07 | 202.91 | 373.90 | 0.95 | 0.95 | -5.37 | |
| 5,708.00 | 0.200 | 64.00 | 5,688.42 | -312.84 | 202.95 | 372.88 | 1.41 | -1.26 | 73.05 | |
| 5,803.00 | 0.500 | 3.00 | 5,783.41 | -312.36 | 203.12 | 372.56 | 0.46 | 0.32 | -64.21 | |
| 5,898.00 | 0.300 | 161.60 | 5,878.41 | -312.18 | 203.22 | 372.47 | 0.83 | -0.21 | 166.95 | |
| 5,993.00 | 1.200 | 161.40 | 5,973.40 | -313.36 | 203.62 | 373.68 | 0.95 | 0.95 | -0.21 | |
| 6,087.00 | 0.300 | 248.60 | 6,067.40 | -314.38 | 203.70 | 374.59 | 1.30 | -0.96 | 92.77 | |
| 6,182.00 | 1.200 | 315.30 | 6,162.39 | -313.77 | 202.77 | 373.57 | 1.17 | 0.95 | 70.21 | |
| 6,274.00 | 1.500 | 303.10 | 6,254.36 | -312.42 | 201.08 | 371.53 | 0.45 | 0.33 | -13.26 | |
| 6,369.00 | 1.000 | 344.00 | 6,349.34 | -310.95 | 199.81 | 369.60 | 1.04 | -0.53 | 43.05 | |
| 6,464.00 | 0.400 | 295.90 | 6,444.34 | -310.01 | 199.29 | 368.53 | 0.83 | -0.63 | -50.63 | |
| 6,559.00 | 0.800 | 123.80 | 6,539.33 | -310.23 | 199.54 | 368.85 | 1.26 | 0.42 | -181.16 | |
| 6,653.00 | 1.500 | 11.00 | 6,633.32 | -309.39 | 200.32 | 368.56 | 2.08 | 0.74 | -120.00 | |
| 6,748.00 | 1.300 | 356.30 | 6,728.29 | -307.09 | 200.49 | 366.71 | 0.43 | -0.21 | -15.47 | |
| 6,843.00 | 1.800 | 88.40 | 6,823.27 | -305.97 | 201.91 | 366.52 | 2.38 | 0.53 | 96.95 | |
| 6,938.00 | 3.000 | 128.20 | 6,918.19 | -307.47 | 205.36 | 369.63 | 2.09 | 1.26 | 41.89 | |
| 7,033.00 | 2.300 | 144.90 | 7,013.09 | -310.57 | 208.41 | 373.87 | 1.09 | -0.74 | 17.58 | |
| 7,128.00 | 1.800 | 172.90 | 7,108.03 | -313.61 | 209.69 | 377.13 | 1.16 | -0.53 | 29.47 | |
| 7,223.00 | 1.700 | 194.20 | 7,202.99 | -316.45 | 209.53 | 379.45 | 0.69 | -0.11 | 22.42 | |
| 7,318.00 | 1.100 | 204.10 | 7,297.96 | -318.65 | 208.81 | 380.92 | 0.68 | -0.63 | 10.42 | |
| 7,344.00 | 1.100 | 166.80 | 7,323.95 | -319.12 | 208.76 | 381.30 | 2.71 | 0.00 | -143.46 | |
| 7,394.00 | 1.100 | 166.80 | 7,373.95 | -320.06 | 208.98 | 382.20 | 0.00 | 0.00 | 0.00 | |

| Design Annotations | | | | | |
|---------------------|---------------------|-------------------|------------|--------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment | |
| | | +N/-S (ft) | +E/-W (ft) | | |
| 642.00 | 642.00 | 1.08 | -0.05 | Tie in Gyro Survey | |
| 3,338.00 | 3,324.46 | -205.87 | 125.52 | As of April 19 | |
| 5,708.00 | 5,688.42 | -312.84 | 202.95 | As of April 20 | |
| 7,394.00 | 7,373.95 | -320.06 | 208.98 | Projected TD | |

Checked By: _____ Approved By: _____ Date: _____