

**BONANZA CREEK ENERGY INC.**

**WELD COUNTY, COLORADO (NAD 83)**

**SW SW SEC. 28 T5N R61W 6th P.M.**

**PRONGHORN D14-X44-28HNB**

**ORIGINAL WELLBORE**

**15 June, 2015**

**Plan: PROPOSAL #2**





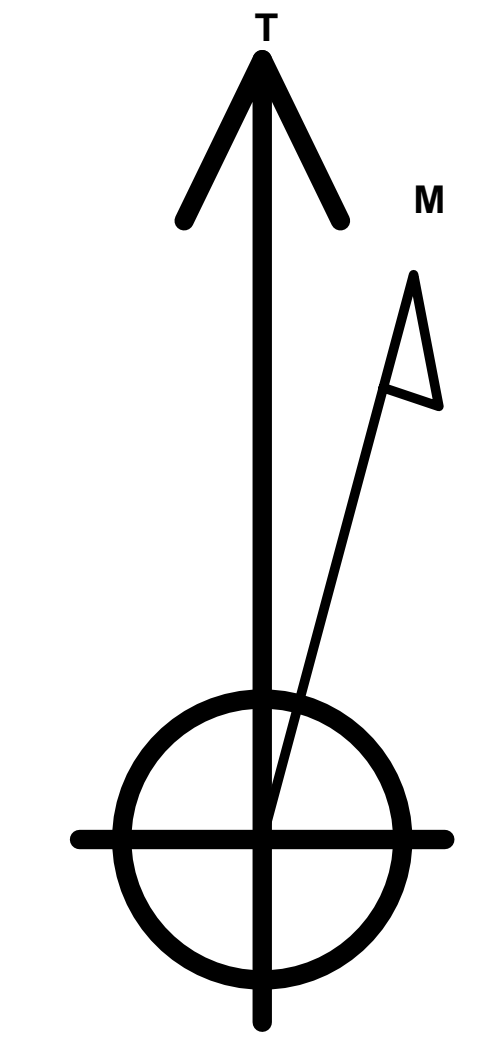
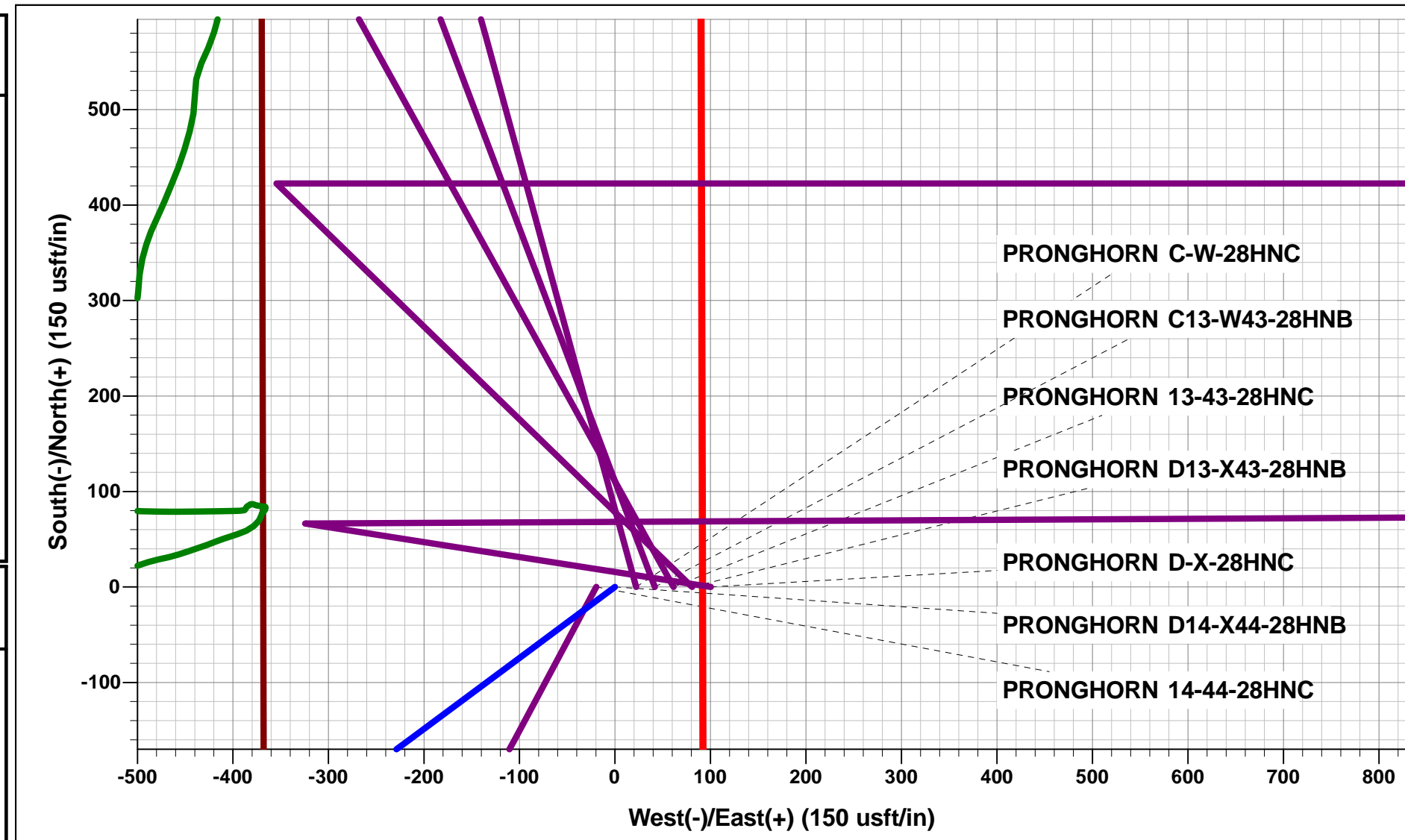
Project: WELD COUNTY, COLORADO (NAD 83)  
 Site: SW SW SEC. 28 T5N R61W 6th P.M.  
 Well: PRONGHORN D14-X44-28HNB  
 Wellbore: ORIGINAL WELLBORE  
 Design: PROPOSAL #2

**ANNOTATIONS**

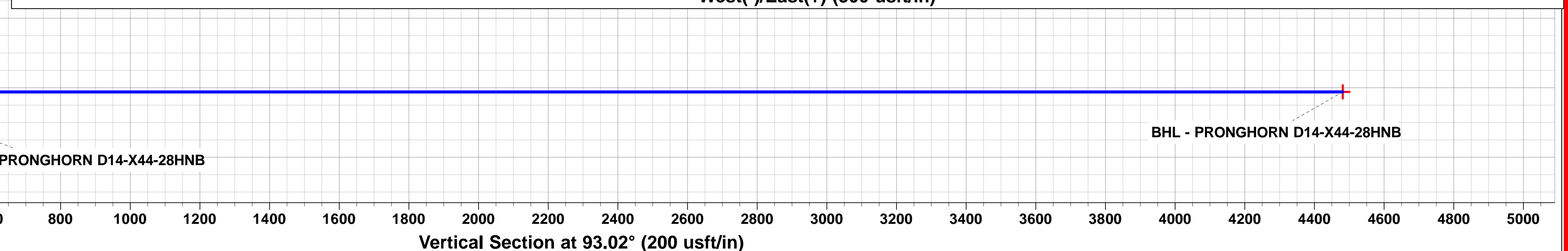
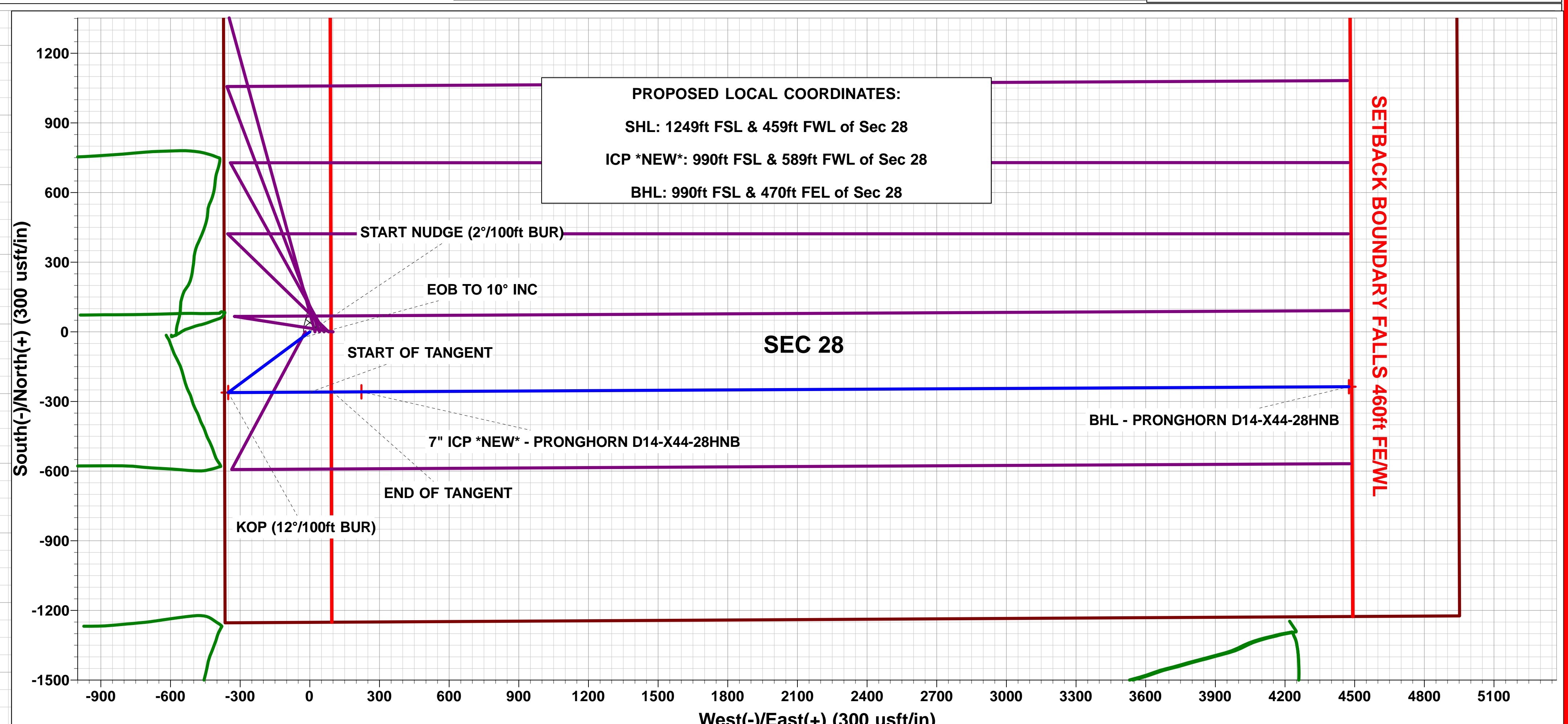
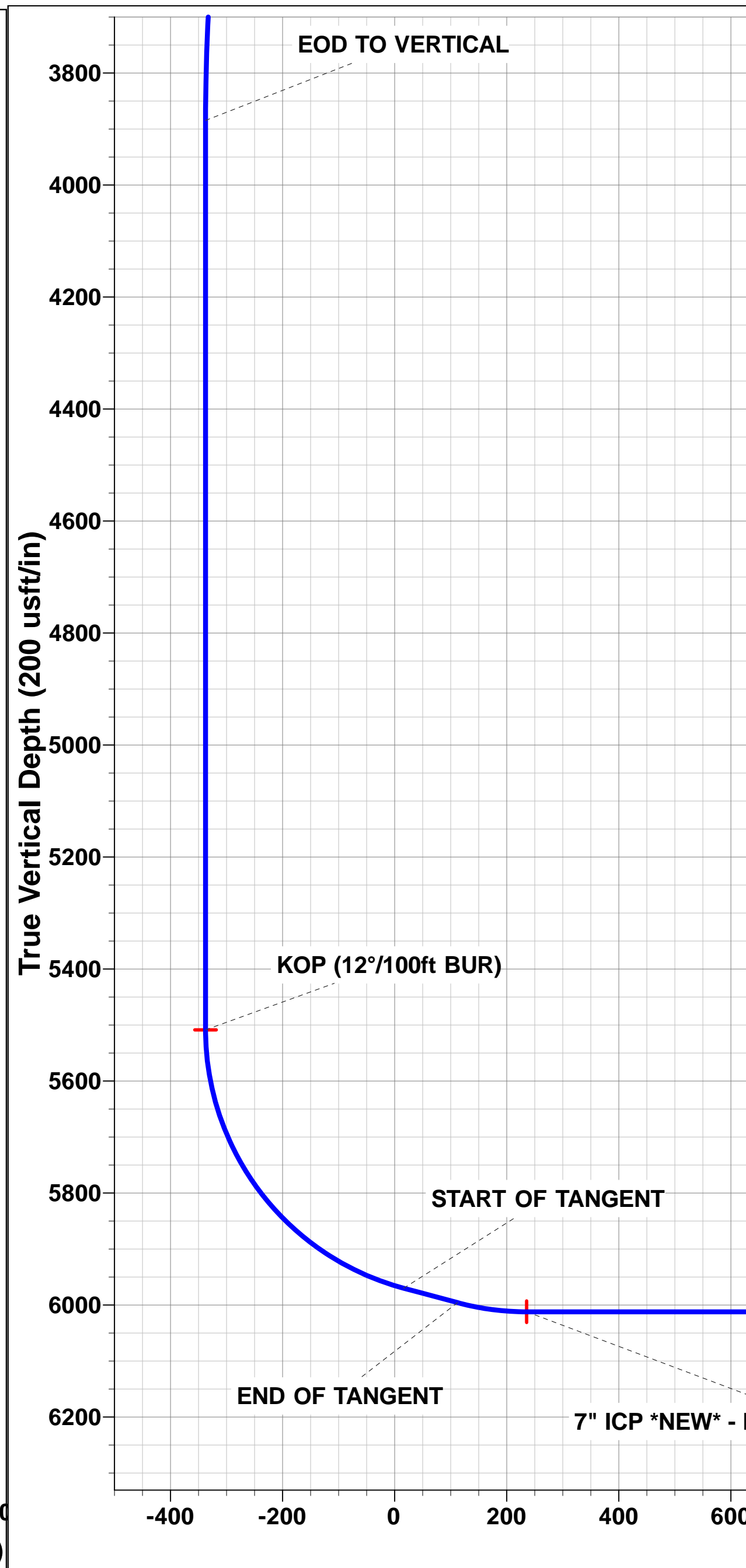
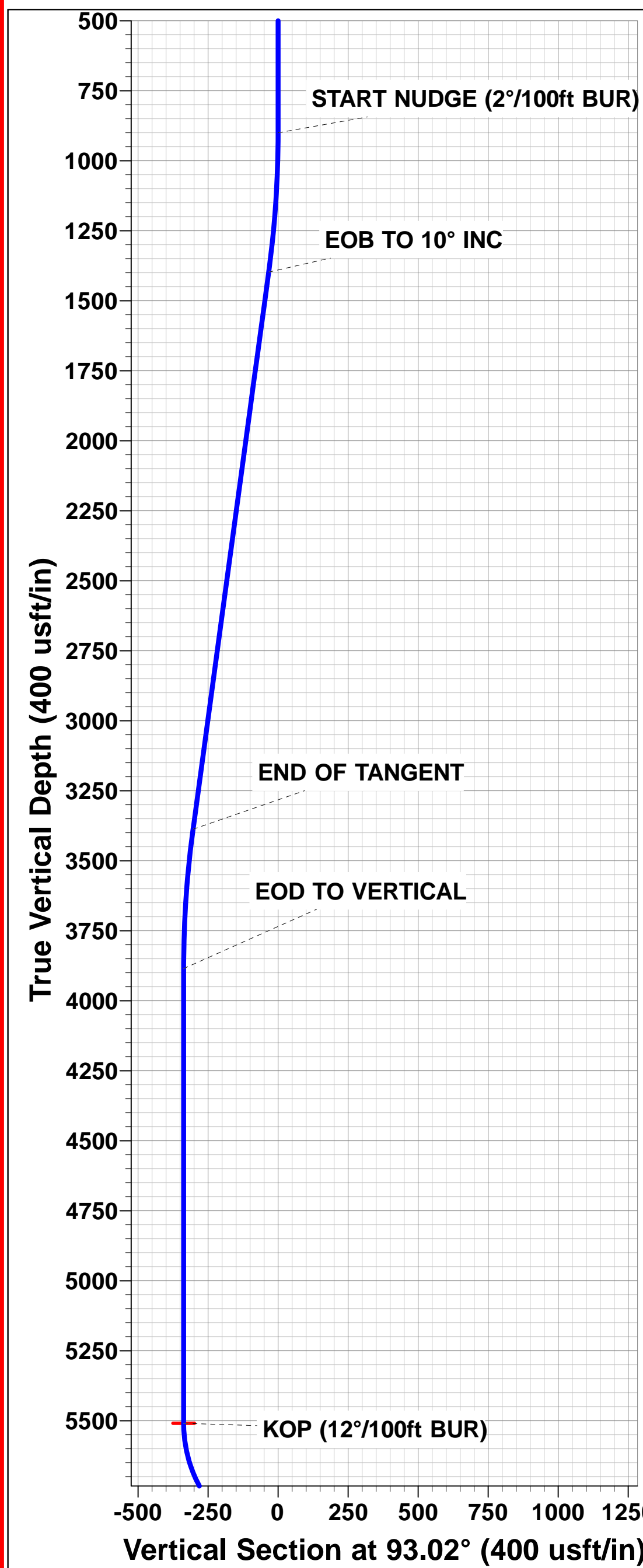
| TVD    | MD      | Inc   | Azi    | +N/-S  | +E/-W  | V Sect | Dep    | Annotation                             |
|--------|---------|-------|--------|--------|--------|--------|--------|----------------------------------------|
| 900.0  | 900.0   | 0.00  | 0.00   | 0.0    | 0.0    | 0.0    | 0.0    | START NUDDGE (2°/100ft BUR)            |
| 1397.7 | 1400.2  | 10.00 | 233.37 | -26.0  | -35.0  | -33.5  | 43.6   | EOB TO 10° INC                         |
| 3387.2 | 3420.5  | 10.00 | 233.37 | -235.4 | -316.6 | -303.7 | 394.5  | END OF TANGENT                         |
| 3884.9 | 3920.7  | 0.00  | 0.00   | -261.3 | -351.5 | -337.3 | 438.0  | EOD TO VERTICAL                        |
| 5508.9 | 5544.7  | 0.00  | 0.00   | -261.3 | -351.5 | -337.3 | 438.0  | KOP (12°/100ft BUR)                    |
| 5970.1 | 6169.7  | 75.00 | 89.70  | -259.5 | 2.4    | 16.0   | 791.9  | START OF TANGENT                       |
| 5996.0 | 6269.7  | 75.00 | 89.70  | -259.0 | 98.9   | 112.5  | 888.5  | END OF TANGENT                         |
| 6012.2 | 6394.7  | 90.00 | 89.70  | -258.3 | 222.5  | 235.8  | 1012.1 | 7" ICP *NEW* - PRONGHORN D14-X44-28HNB |
| 6012.2 | 10647.5 | 90.00 | 89.71  | -236.4 | 4475.2 | 4481.5 | 5264.9 | BHL - PRONGHORN D14-X44-28HNB          |

**WELLBORE TARGET DETAILS (LAT/LONG)**

| Name                                   | TVD    | +N/-S  | +E/-W  | Latitude  | Longitude   |
|----------------------------------------|--------|--------|--------|-----------|-------------|
| KOP - PRONGHORN D14-X44-28HNB          | 5508.9 | -261.3 | -351.5 | 40.367293 | -104.223532 |
| BHL - PRONGHORN D14-X44-28HNB          | 6012.2 | -236.4 | 4475.2 | 40.367360 | -104.206210 |
| 7" ICP *NEW* - PRONGHORN D14-X44-28HNB | 6012.2 | -258.3 | 222.5  | 40.367301 | -104.221472 |



Azimuths to True North  
 Magnetic North: 8.13°  
 Magnetic Field  
 Strength: 52663.0snT  
 Dip Angle: 66.96°  
 Date: 15/06/2015  
 Model: IGRF2015



Planning Report



|                  |                                 |                                     |                                          |
|------------------|---------------------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | EDM 5000.1 Single User Db       | <b>Local Co-ordinate Reference:</b> | Well PRONGHORN D14-X44-28HNB             |
| <b>Company:</b>  | BONANZA CREEK ENERGY INC.       | <b>TVD Reference:</b>               | KB-EST @ 4612.2usft (Original Well Elev) |
| <b>Project:</b>  | WELD COUNTY, COLORADO (NAD 83)  | <b>MD Reference:</b>                | KB-EST @ 4612.2usft (Original Well Elev) |
| <b>Site:</b>     | SW SW SEC. 28 T5N R61W 6th P.M. | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | PRONGHORN D14-X44-28HNB         | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | ORIGINAL WELLBORE               |                                     |                                          |
| <b>Design:</b>   | PROPOSAL #2                     |                                     |                                          |

|                    |                                |                      |                             |
|--------------------|--------------------------------|----------------------|-----------------------------|
| <b>Project</b>     | WELD COUNTY, COLORADO (NAD 83) |                      |                             |
| <b>Map System:</b> | US State Plane 1983            | <b>System Datum:</b> | Mean Sea Level              |
| <b>Geo Datum:</b>  | North American Datum 1983      |                      |                             |
| <b>Map Zone:</b>   | Colorado Northern Zone         |                      | Using geodetic scale factor |

|                              |                                 |                     |                   |                          |             |
|------------------------------|---------------------------------|---------------------|-------------------|--------------------------|-------------|
| <b>Site</b>                  | SW SW SEC. 28 T5N R61W 6th P.M. |                     |                   |                          |             |
| <b>Site Position:</b>        |                                 | <b>Northing:</b>    | 1,379,471.89 usft | <b>Latitude:</b>         | 40.368010   |
| <b>From:</b>                 | Lat/Long                        | <b>Easting:</b>     | 3,356,038.93 usft | <b>Longitude:</b>        | -104.222190 |
| <b>Position Uncertainty:</b> | 0.0 usft                        | <b>Slot Radius:</b> | 1.10000ft         | <b>Grid Convergence:</b> | 0.83 °      |

|                             |                         |            |                            |                   |                      |              |
|-----------------------------|-------------------------|------------|----------------------------|-------------------|----------------------|--------------|
| <b>Well</b>                 | PRONGHORN D14-X44-28HNB |            |                            |                   |                      |              |
| <b>Well Position</b>        | <b>+N-S</b>             | 0.0 usft   | <b>Northing:</b>           | 1,379,471.56 usft | <b>Latitude:</b>     | 40.368010    |
|                             | <b>+E-W</b>             | -22.3 usft | <b>Easting:</b>            | 3,356,016.64 usft | <b>Longitude:</b>    | -104.222270  |
| <b>Position Uncertainty</b> |                         | 0.0 usft   | <b>Wellhead Elevation:</b> | usft              | <b>Ground Level:</b> | 4,595.2 usft |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | ORIGINAL WELLBORE |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2015          | 15/06/2015         | 8.13                   | 66.96                | 52,663                     |

|                          |                                |                    |                      |                      |
|--------------------------|--------------------------------|--------------------|----------------------|----------------------|
| <b>Design</b>            | PROPOSAL #2                    |                    |                      |                      |
| <b>Audit Notes:</b>      |                                |                    |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PROTOTYPE          | <b>Tie On Depth:</b> | 0.0                  |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N-S (usft)</b> | <b>+E-W (usft)</b>   | <b>Direction (°)</b> |
|                          | 0.0                            | 0.0                | 0.0                  | 93.02                |

| <b>Plan Sections</b> |         |         |                |           |             |             |                         |                        |                       |         |                |
|----------------------|---------|---------|----------------|-----------|-------------|-------------|-------------------------|------------------------|-----------------------|---------|----------------|
| MD (usft)            | Inc (°) | Azi (°) | Vertical Depth | SS (usft) | +N-S (usft) | +E-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target         |
| 0.0                  | 0.00    | 0.00    | 0.0            | -4,612.2  | 0.0         | 0.0         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                |
| 900.0                | 0.00    | 0.00    | 900.0          | -3,712.2  | 0.0         | 0.0         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                |
| 1,400.2              | 10.00   | 233.37  | 1,397.6        | -3,214.6  | -26.0       | -35.0       | 2.00                    | 2.00                   | 0.00                  | 233.37  |                |
| 3,420.5              | 10.00   | 233.37  | 3,387.3        | -1,224.9  | -235.4      | -316.6      | 0.00                    | 0.00                   | 0.00                  | 0.00    |                |
| 3,920.7              | 0.00    | 0.00    | 3,884.9        | -727.3    | -261.3      | -351.5      | 2.00                    | -2.00                  | 0.00                  | 180.00  |                |
| 5,544.7              | 0.00    | 0.00    | 5,508.9        | 896.7     | -261.3      | -351.5      | 0.00                    | 0.00                   | 0.00                  | 0.00    | KOP - PRONGHOF |
| 6,169.7              | 75.00   | 89.70   | 5,970.1        | 1,357.9   | -259.5      | 2.3         | 12.00                   | 12.00                  | 0.00                  | 89.70   |                |
| 6,269.7              | 75.00   | 89.70   | 5,996.0        | 1,383.8   | -259.0      | 98.9        | 0.00                    | 0.00                   | 0.00                  | 0.00    |                |
| 6,394.7              | 90.00   | 89.70   | 6,012.2        | 1,400.0   | -258.3      | 222.5       | 12.00                   | 12.00                  | 0.00                  | 0.00    |                |
| 10,647.5             | 90.00   | 89.71   | 6,012.2        | 1,400.0   | -236.4      | 4,475.2     | 0.00                    | 0.00                   | 0.00                  | 81.47   | BHL - PRONGHOR |

Planning Report



|                  |                                 |                                     |                                          |
|------------------|---------------------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | EDM 5000.1 Single User Db       | <b>Local Co-ordinate Reference:</b> | Well PRONGHORN D14-X44-28HNB             |
| <b>Company:</b>  | BONANZA CREEK ENERGY INC.       | <b>TVD Reference:</b>               | KB-EST @ 4612.2usft (Original Well Elev) |
| <b>Project:</b>  | WELD COUNTY, COLORADO (NAD 83)  | <b>MD Reference:</b>                | KB-EST @ 4612.2usft (Original Well Elev) |
| <b>Site:</b>     | SW SW SEC. 28 T5N R61W 6th P.M. | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | PRONGHORN D14-X44-28HNB         | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | ORIGINAL WELLBORE               |                                     |                                          |
| <b>Design:</b>   | PROPOSAL #2                     |                                     |                                          |

Planned Survey

| MD (usft)                         | Inc (°)      | Azi (°)       | TVD (usft)     | SS (usft)       | +N/-S (usft)  | +E/-W (usft)  | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------------------|--------------|---------------|----------------|-----------------|---------------|---------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.0                               | 0.00         | 0.00          | 0.0            | 4,612.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                             | 0.00         | 0.00          | 100.0          | 4,512.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                             | 0.00         | 0.00          | 200.0          | 4,412.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                             | 0.00         | 0.00          | 300.0          | 4,312.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                             | 0.00         | 0.00          | 400.0          | 4,212.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                             | 0.00         | 0.00          | 500.0          | 4,112.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                             | 0.00         | 0.00          | 600.0          | 4,012.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                             | 0.00         | 0.00          | 700.0          | 3,912.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 800.0                             | 0.00         | 0.00          | 800.0          | 3,812.20        | 0.0           | 0.0           | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| <b>START NUDGE (2°/100ft BUR)</b> |              |               |                |                 |               |               |                         |                         |                        |                       |
| <b>900.0</b>                      | <b>0.00</b>  | <b>0.00</b>   | <b>900.0</b>   | <b>3,712.20</b> | <b>0.0</b>    | <b>0.0</b>    | <b>0.0</b>              | <b>0.00</b>             | <b>0.00</b>            | <b>0.00</b>           |
| 1,000.0                           | 2.00         | 233.37        | 1,000.0        | 3,612.22        | -1.0          | -1.4          | -1.3                    | 2.00                    | 2.00                   | 0.00                  |
| 1,100.0                           | 4.00         | 233.37        | 1,099.8        | 3,512.36        | -4.2          | -5.6          | -5.4                    | 2.00                    | 2.00                   | 0.00                  |
| 1,200.0                           | 6.00         | 233.37        | 1,199.5        | 3,412.75        | -9.4          | -12.6         | -12.1                   | 2.00                    | 2.00                   | 0.00                  |
| 1,300.0                           | 8.00         | 233.37        | 1,298.7        | 3,313.50        | -16.6         | -22.4         | -21.5                   | 2.00                    | 2.00                   | 0.00                  |
| 1,400.0                           | 10.00        | 233.37        | 1,397.5        | 3,214.73        | -26.0         | -34.9         | -33.5                   | 2.00                    | 2.00                   | 0.00                  |
| <b>EOB TO 10° INC</b>             |              |               |                |                 |               |               |                         |                         |                        |                       |
| <b>1,400.2</b>                    | <b>10.00</b> | <b>233.37</b> | <b>1,397.7</b> | <b>3,214.54</b> | <b>-26.0</b>  | <b>-35.0</b>  | <b>-33.5</b>            | <b>1.65</b>             | <b>1.65</b>            | <b>0.00</b>           |
| 1,500.0                           | 10.00        | 233.37        | 1,495.9        | 3,116.25        | -36.3         | -48.9         | -46.9                   | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0                           | 10.00        | 233.37        | 1,594.4        | 3,017.78        | -46.7         | -62.8         | -60.3                   | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0                           | 10.00        | 233.37        | 1,692.9        | 2,919.30        | -57.1         | -76.7         | -73.6                   | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0                           | 10.00        | 233.37        | 1,791.4        | 2,820.82        | -67.4         | -90.7         | -87.0                   | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0                           | 10.00        | 233.37        | 1,889.9        | 2,722.34        | -77.8         | -104.6        | -100.4                  | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0                           | 10.00        | 233.37        | 1,988.3        | 2,623.86        | -88.1         | -118.6        | -113.8                  | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0                           | 10.00        | 233.37        | 2,086.8        | 2,525.38        | -98.5         | -132.5        | -127.1                  | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0                           | 10.00        | 233.37        | 2,185.3        | 2,426.90        | -108.9        | -146.4        | -140.5                  | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0                           | 10.00        | 233.37        | 2,283.8        | 2,328.42        | -119.2        | -160.4        | -153.9                  | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0                           | 10.00        | 233.37        | 2,382.3        | 2,229.94        | -129.6        | -174.3        | -167.3                  | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0                           | 10.00        | 233.37        | 2,480.7        | 2,131.46        | -140.0        | -188.3        | -180.6                  | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0                           | 10.00        | 233.37        | 2,579.2        | 2,032.98        | -150.3        | -202.2        | -194.0                  | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0                           | 10.00        | 233.37        | 2,677.7        | 1,934.50        | -160.7        | -216.2        | -207.4                  | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0                           | 10.00        | 233.37        | 2,776.2        | 1,836.02        | -171.1        | -230.1        | -220.7                  | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0                           | 10.00        | 233.37        | 2,874.7        | 1,737.54        | -181.4        | -244.0        | -234.1                  | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0                           | 10.00        | 233.37        | 2,973.1        | 1,639.06        | -191.8        | -258.0        | -247.5                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0                           | 10.00        | 233.37        | 3,071.6        | 1,540.58        | -202.1        | -271.9        | -260.9                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0                           | 10.00        | 233.37        | 3,170.1        | 1,442.10        | -212.5        | -285.9        | -274.2                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0                           | 10.00        | 233.37        | 3,268.6        | 1,343.62        | -222.9        | -299.8        | -287.6                  | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0                           | 10.00        | 233.37        | 3,367.1        | 1,245.14        | -233.2        | -313.7        | -301.0                  | 0.00                    | 0.00                   | 0.00                  |
| <b>END OF TANGENT</b>             |              |               |                |                 |               |               |                         |                         |                        |                       |
| <b>3,420.5</b>                    | <b>10.00</b> | <b>233.37</b> | <b>3,387.2</b> | <b>1,224.95</b> | <b>-235.4</b> | <b>-316.6</b> | <b>-303.7</b>           | <b>0.00</b>             | <b>0.00</b>            | <b>0.00</b>           |
| 3,500.0                           | 8.41         | 233.37        | 3,465.7        | 1,146.48        | -243.0        | -326.8        | -313.5                  | 2.00                    | -2.00                  | 0.00                  |
| 3,600.0                           | 6.41         | 233.37        | 3,564.9        | 1,047.32        | -250.7        | -337.2        | -323.5                  | 2.00                    | -2.00                  | 0.00                  |
| 3,700.0                           | 4.41         | 233.37        | 3,664.4        | 947.77          | -256.3        | -344.7        | -330.7                  | 2.00                    | -2.00                  | 0.00                  |
| 3,800.0                           | 2.41         | 233.37        | 3,764.2        | 847.95          | -259.8        | -349.5        | -335.3                  | 2.00                    | -2.00                  | 0.00                  |
| 3,900.0                           | 0.41         | 233.37        | 3,864.2        | 747.99          | -261.3        | -351.5        | -337.2                  | 2.00                    | -2.00                  | 0.00                  |
| <b>EOD TO VERTICAL</b>            |              |               |                |                 |               |               |                         |                         |                        |                       |
| <b>3,920.7</b>                    | <b>0.00</b>  | <b>0.00</b>   | <b>3,884.9</b> | <b>727.29</b>   | <b>-261.3</b> | <b>-351.5</b> | <b>-337.3</b>           | <b>2.00</b>             | <b>-2.00</b>           | <b>0.00</b>           |
| 4,000.0                           | 0.00         | 0.00          | 3,964.2        | 647.99          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0                           | 0.00         | 0.00          | 4,064.2        | 547.99          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0                           | 0.00         | 0.00          | 4,164.2        | 447.99          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0                           | 0.00         | 0.00          | 4,264.2        | 347.99          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0                           | 0.00         | 0.00          | 4,364.2        | 247.99          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0                           | 0.00         | 0.00          | 4,464.2        | 147.99          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0                           | 0.00         | 0.00          | 4,564.2        | 47.99           | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |

Planning Report



|                  |                                 |                                     |                                          |
|------------------|---------------------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | EDM 5000.1 Single User Db       | <b>Local Co-ordinate Reference:</b> | Well PRONGHORN D14-X44-28HNB             |
| <b>Company:</b>  | BONANZA CREEK ENERGY INC.       | <b>TVD Reference:</b>               | KB-EST @ 4612.2usft (Original Well Elev) |
| <b>Project:</b>  | WELD COUNTY, COLORADO (NAD 83)  | <b>MD Reference:</b>                | KB-EST @ 4612.2usft (Original Well Elev) |
| <b>Site:</b>     | SW SW SEC. 28 T5N R61W 6th P.M. | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | PRONGHORN D14-X44-28HNB         | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | ORIGINAL WELLBORE               |                                     |                                          |
| <b>Design:</b>   | PROPOSAL #2                     |                                     |                                          |

| Planned Survey                                |              |              |                |                  |               |               |                         |                         |                        |                       |
|-----------------------------------------------|--------------|--------------|----------------|------------------|---------------|---------------|-------------------------|-------------------------|------------------------|-----------------------|
| MD (usft)                                     | Inc (°)      | Azi (°)      | TVD (usft)     | SS (usft)        | +N/-S (usft)  | +E/-W (usft)  | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,700.0                                       | 0.00         | 0.00         | 4,664.2        | -52.01           | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0                                       | 0.00         | 0.00         | 4,764.2        | -152.01          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0                                       | 0.00         | 0.00         | 4,864.2        | -252.01          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0                                       | 0.00         | 0.00         | 4,964.2        | -352.01          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0                                       | 0.00         | 0.00         | 5,064.2        | -452.01          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0                                       | 0.00         | 0.00         | 5,164.2        | -552.01          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0                                       | 0.00         | 0.00         | 5,264.2        | -652.01          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0                                       | 0.00         | 0.00         | 5,364.2        | -752.01          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0                                       | 0.00         | 0.00         | 5,464.2        | -852.01          | -261.3        | -351.5        | -337.3                  | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP (12°/100ft BUR)</b>                    |              |              |                |                  |               |               |                         |                         |                        |                       |
| <b>5,544.7</b>                                | <b>0.00</b>  | <b>0.00</b>  | <b>5,508.9</b> | <b>-896.71</b>   | <b>-261.3</b> | <b>-351.5</b> | <b>-337.3</b>           | <b>0.00</b>             | <b>0.00</b>            | <b>0.00</b>           |
| 5,600.0                                       | 6.64         | 89.70        | 5,564.1        | -951.89          | -261.3        | -348.3        | -334.1                  | 12.00                   | 12.00                  | 0.00                  |
| 5,700.0                                       | 18.64        | 89.70        | 5,661.5        | -1,049.29        | -261.2        | -326.5        | -312.3                  | 12.00                   | 12.00                  | 0.00                  |
| 5,800.0                                       | 30.64        | 89.70        | 5,752.2        | -1,140.02        | -261.0        | -284.9        | -270.7                  | 12.00                   | 12.00                  | 0.00                  |
| 5,900.0                                       | 42.64        | 89.70        | 5,832.3        | -1,220.11        | -260.7        | -225.3        | -211.3                  | 12.00                   | 12.00                  | 0.00                  |
| 6,000.0                                       | 54.64        | 89.70        | 5,898.3        | -1,286.08        | -260.3        | -150.4        | -136.5                  | 12.00                   | 12.00                  | 0.00                  |
| 6,100.0                                       | 66.64        | 89.70        | 5,947.2        | -1,335.02        | -259.8        | -63.4         | -49.6                   | 12.00                   | 12.00                  | 0.00                  |
| <b>START OF TANGENT</b>                       |              |              |                |                  |               |               |                         |                         |                        |                       |
| <b>6,169.7</b>                                | <b>75.00</b> | <b>89.70</b> | <b>5,970.1</b> | <b>-1,357.90</b> | <b>-259.5</b> | <b>2.4</b>    | <b>16.0</b>             | <b>12.00</b>            | <b>12.00</b>           | <b>0.00</b>           |
| 6,200.0                                       | 75.00        | 89.70        | 5,977.9        | -1,365.74        | -259.3        | 31.6          | 45.3                    | 0.00                    | 0.00                   | 0.00                  |
| <b>END OF TANGENT</b>                         |              |              |                |                  |               |               |                         |                         |                        |                       |
| <b>6,269.7</b>                                | <b>75.00</b> | <b>89.70</b> | <b>5,996.0</b> | <b>-1,383.78</b> | <b>-259.0</b> | <b>98.9</b>   | <b>112.5</b>            | <b>0.00</b>             | <b>0.00</b>            | <b>0.00</b>           |
| 6,300.0                                       | 78.64        | 89.70        | 6,002.9        | -1,390.69        | -258.8        | 128.4         | 141.9                   | 12.00                   | 12.00                  | 0.00                  |
| <b>7" ICP *NEW* - PRONGHORN D14-X44-28HNB</b> |              |              |                |                  |               |               |                         |                         |                        |                       |
| <b>6,394.7</b>                                | <b>90.00</b> | <b>89.70</b> | <b>6,012.2</b> | <b>-1,400.05</b> | <b>-258.3</b> | <b>222.5</b>  | <b>235.8</b>            | <b>12.00</b>            | <b>12.00</b>           | <b>0.00</b>           |
| 6,400.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -258.3        | 227.8         | 241.1                   | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -257.8        | 327.8         | 341.0                   | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -257.3        | 427.8         | 440.8                   | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -256.7        | 527.8         | 540.6                   | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -256.2        | 627.8         | 640.5                   | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -255.7        | 727.8         | 740.3                   | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -255.2        | 827.8         | 840.1                   | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -254.7        | 927.8         | 939.9                   | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.05        | -254.1        | 1,027.8       | 1,039.8                 | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -253.6        | 1,127.8       | 1,139.6                 | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -253.1        | 1,227.8       | 1,239.4                 | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -252.6        | 1,327.8       | 1,339.3                 | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -252.1        | 1,427.8       | 1,439.1                 | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -251.5        | 1,527.8       | 1,538.9                 | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -251.0        | 1,627.8       | 1,638.8                 | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -250.5        | 1,727.8       | 1,738.6                 | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -250.0        | 1,827.8       | 1,838.4                 | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -249.5        | 1,927.8       | 1,938.3                 | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -248.9        | 2,027.8       | 2,038.1                 | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -248.4        | 2,127.8       | 2,137.9                 | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -247.9        | 2,227.8       | 2,237.8                 | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.04        | -247.4        | 2,327.8       | 2,337.6                 | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.03        | -246.9        | 2,427.8       | 2,437.4                 | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.03        | -246.4        | 2,527.8       | 2,537.3                 | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.03        | -245.8        | 2,627.8       | 2,637.1                 | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0                                       | 90.00        | 89.70        | 6,012.2        | -1,400.03        | -245.3        | 2,727.8       | 2,736.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0                                       | 90.00        | 89.71        | 6,012.2        | -1,400.03        | -244.8        | 2,827.8       | 2,836.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0                                       | 90.00        | 89.71        | 6,012.2        | -1,400.03        | -244.3        | 2,927.8       | 2,936.6                 | 0.00                    | 0.00                   | 0.00                  |

Planning Report



|                  |                                 |                                     |                                          |
|------------------|---------------------------------|-------------------------------------|------------------------------------------|
| <b>Database:</b> | EDM 5000.1 Single User Db       | <b>Local Co-ordinate Reference:</b> | Well PRONGHORN D14-X44-28HNB             |
| <b>Company:</b>  | BONANZA CREEK ENERGY INC.       | <b>TVD Reference:</b>               | KB-EST @ 4612.2usft (Original Well Elev) |
| <b>Project:</b>  | WELD COUNTY, COLORADO (NAD 83)  | <b>MD Reference:</b>                | KB-EST @ 4612.2usft (Original Well Elev) |
| <b>Site:</b>     | SW SW SEC. 28 T5N R61W 6th P.M. | <b>North Reference:</b>             | True                                     |
| <b>Well:</b>     | PRONGHORN D14-X44-28HNB         | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Wellbore:</b> | ORIGINAL WELLBORE               |                                     |                                          |
| <b>Design:</b>   | PROPOSAL #2                     |                                     |                                          |

| Planned Survey                       |              |              |                |                  |               |                |                         |                         |                        |                       |
|--------------------------------------|--------------|--------------|----------------|------------------|---------------|----------------|-------------------------|-------------------------|------------------------|-----------------------|
| MD (usft)                            | Inc (°)      | Azi (°)      | TVD (usft)     | SS (usft)        | +N/-S (usft)  | +E/-W (usft)   | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 9,200.0                              | 90.00        | 89.71        | 6,012.2        | -1,400.03        | -243.8        | 3,027.8        | 3,036.4                 | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0                              | 90.00        | 89.71        | 6,012.2        | -1,400.02        | -243.3        | 3,127.8        | 3,136.3                 | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0                              | 90.00        | 89.71        | 6,012.2        | -1,400.02        | -242.8        | 3,227.8        | 3,236.1                 | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0                              | 90.00        | 89.71        | 6,012.2        | -1,400.02        | -242.3        | 3,327.8        | 3,335.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0                              | 90.00        | 89.71        | 6,012.2        | -1,400.02        | -241.7        | 3,427.8        | 3,435.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0                              | 90.00        | 89.71        | 6,012.2        | -1,400.02        | -241.2        | 3,527.8        | 3,535.6                 | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                              | 90.00        | 89.71        | 6,012.2        | -1,400.02        | -240.7        | 3,627.8        | 3,635.4                 | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                              | 90.00        | 89.71        | 6,012.2        | -1,400.01        | -240.2        | 3,727.8        | 3,735.3                 | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                             | 90.00        | 89.71        | 6,012.2        | -1,400.01        | -239.7        | 3,827.8        | 3,835.1                 | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                             | 90.00        | 89.71        | 6,012.2        | -1,400.01        | -239.2        | 3,927.8        | 3,934.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                             | 90.00        | 89.71        | 6,012.2        | -1,400.01        | -238.7        | 4,027.8        | 4,034.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0                             | 90.00        | 89.71        | 6,012.2        | -1,400.01        | -238.2        | 4,127.8        | 4,134.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                             | 90.00        | 89.71        | 6,012.2        | -1,400.01        | -237.6        | 4,227.8        | 4,234.4                 | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0                             | 90.00        | 89.71        | 6,012.2        | -1,400.00        | -237.1        | 4,327.8        | 4,334.2                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0                             | 90.00        | 89.71        | 6,012.2        | -1,400.00        | -236.6        | 4,427.8        | 4,434.1                 | 0.00                    | 0.00                   | 0.00                  |
| <b>BHL - PRONGHORN D14-X44-28HNB</b> |              |              |                |                  |               |                |                         |                         |                        |                       |
| <b>10,647.5</b>                      | <b>90.00</b> | <b>89.71</b> | <b>6,012.2</b> | <b>-1,400.00</b> | <b>-236.4</b> | <b>4,475.2</b> | <b>4,481.5</b>          | <b>0.00</b>             | <b>0.00</b>            | <b>0.00</b>           |

| Plan Annotations |            |                   |              |                                        |
|------------------|------------|-------------------|--------------|----------------------------------------|
| MD (usft)        | TVD (usft) | Local Coordinates |              | Comment                                |
|                  |            | +N/-S (usft)      | +E/-W (usft) |                                        |
| 900.0            | 900.0      | 0.0               | 0.0          | START NUDGE (2°/100ft BUR)             |
| 1,400.2          | 1,397.7    | -26.0             | -35.0        | EOB TO 10° INC                         |
| 3,420.5          | 3,387.2    | -235.4            | -316.6       | END OF TANGENT                         |
| 3,920.7          | 3,884.9    | -261.3            | -351.5       | EOD TO VERTICAL                        |
| 5,544.7          | 5,508.9    | -261.3            | -351.5       | KOP (12°/100ft BUR)                    |
| 6,169.7          | 5,970.1    | -259.5            | 2.4          | START OF TANGENT                       |
| 6,269.7          | 5,996.0    | -259.0            | 98.9         | END OF TANGENT                         |
| 6,394.7          | 6,012.2    | -258.3            | 222.5        | 7" ICP *NEW* - PRONGHORN D14-X44-28HNB |
| 10,647.5         | 6,012.2    | -236.4            | 4,475.2      | BHL - PRONGHORN D14-X44-28HNB          |