

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

5N-66W-29 SANFORD 21-29 PAD

SANFORD 30C-30-M

Wellbore #1

Plan: Design #1

Standard Planning Report

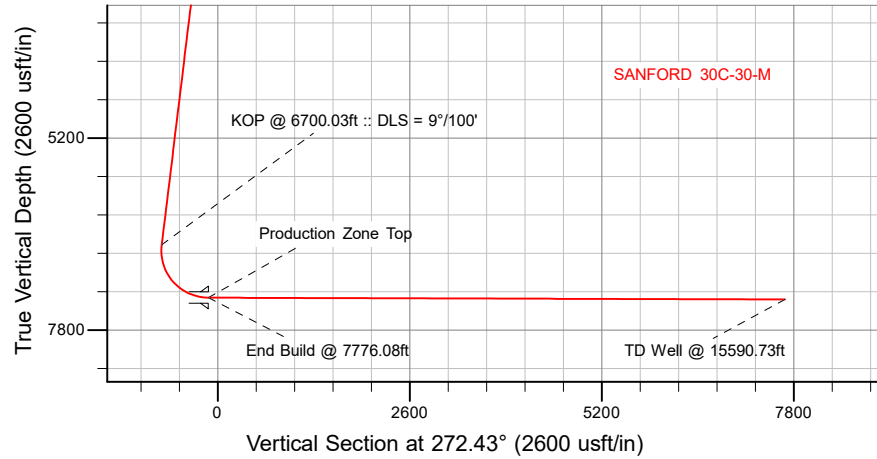
25 October, 2018

Project: WELD COUNTY (NAD83, TRUE NORTH)
Site: 5N-66W-29 SANFORD 21-29 PAD
Well: SANFORD 30C-30-M
Wellbore: Wellbore #1
Design: Design #1

SRC ENERGY

CASING DETAILS

| TVD | MD | Name |
|---------|---------|---------------------|
| 1800.00 | 1811.51 | 9 5/8" |
| 7361.00 | 7776.08 | Production Zone Top |



SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | Vsect | Target |
|-----|----------|-------|--------|---------|--------|----------|------|---------|---------|----------------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 572.50 | 7.45 | 70.65 | 571.45 | 8.01 | 22.82 | 2.00 | 70.65 | -22.46 | |
| 4 | 6700.03 | 7.45 | 70.65 | 6647.26 | 271.26 | 772.44 | 0.00 | 0.00 | -760.26 | |
| 5 | 7776.08 | 89.82 | 270.15 | 7361.00 | 304.02 | 142.63 | 9.00 | -160.35 | -129.63 | |
| 6 | 15590.73 | 89.82 | 270.15 | 7385.00 | 325.06 | -7671.95 | 0.00 | 0.00 | 7678.83 | Sanford 30C-30-M_BHL |

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Latitude | Longitude |
|----------------------|---------|--------|----------|-----------|-------------|
| Sanford 30C-30-M_BPZ | 0.00 | 324.67 | -7571.93 | 40.376911 | -104.831553 |
| Sanford 30C-30-M_SHL | 0.00 | 0.00 | 0.00 | 40.376023 | -104.804375 |
| Sanford 30C-30-M_BHL | 7385.00 | 325.06 | -7671.95 | 40.376912 | -104.831912 |

WELL DETAILS: SANFORD 30C-30-M

GL = 4904'

RKB = 4' @ 4908.00usft (RIG)

Plan: Design #1 (SANFORD 30C-30-M/Wellbore #1)

Date: 10/25/2015

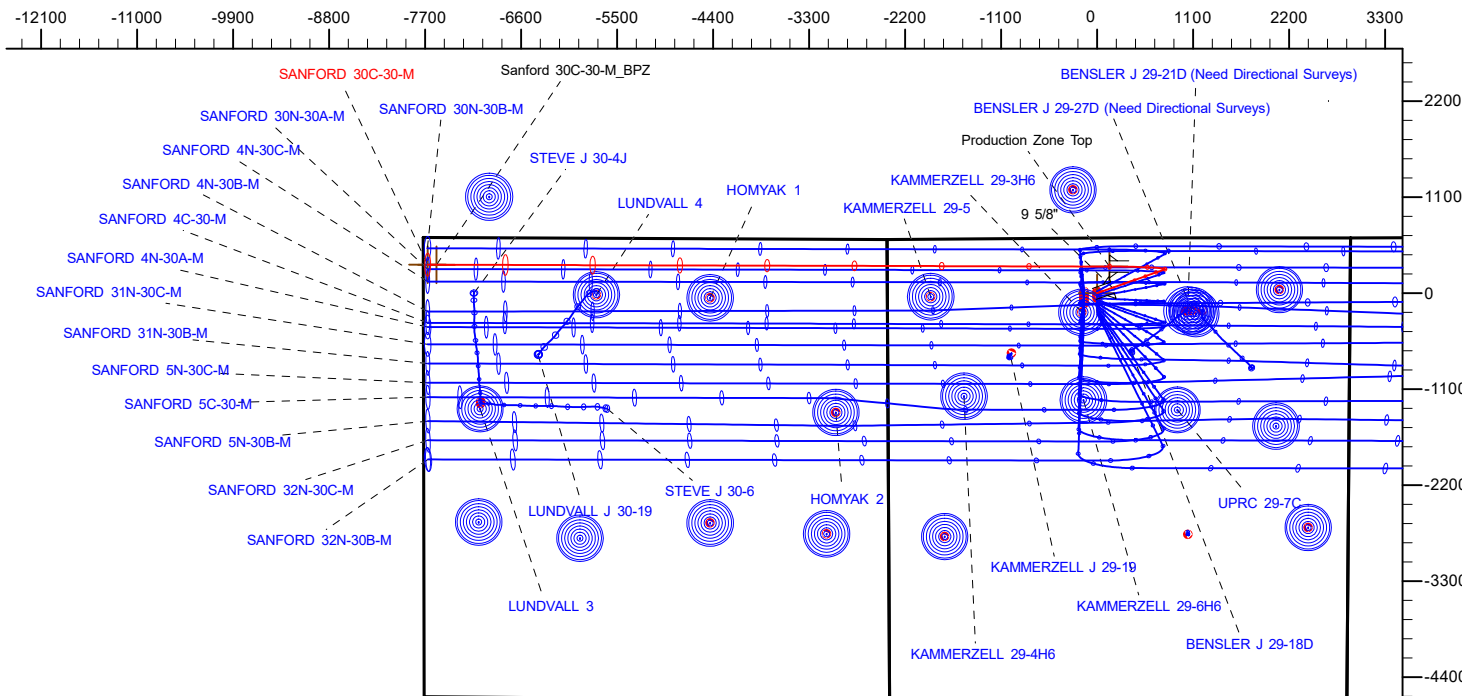
SHL
631' FNL
2395' FWL

LP
328' FNL
2540' FWL
40.376858° Lat
-104.803875° Long

BPZ
313' FNL
150' FWL

BHL
313' FNL
50' FWL

West(-)/East(+) (2200 usft/in)



T M Azimuths to True North
Magnetic North: 8.09°
Magnetic Field
Strength: 52222.0nT
Dip Angle: 66.79°
Date: 10/20/2018
Model: IGRF2015

Hewlett-Packard

Planning Report

| | | | |
|------------------|---------------------------------|-------------------------------------|------------------------------|
| Database: | EDM 5000.14 Single User Db | Local Co-ordinate Reference: | Well SANFORD 30C-30-M |
| Company: | SRC ENERGY | TVD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Project: | WELD COUNTY (NAD83, TRUE NORTH) | MD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Site: | 5N-66W-29 SANFORD 21-29 PAD | North Reference: | True |
| Well: | SANFORD 30C-30-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| | | | |
|--------------------|---------------------------------|----------------------|----------------|
| Project | WELD COUNTY (NAD83, TRUE NORTH) | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| | | | | |
|------------------------------|-----------------------------|---------------------|-------------------|---------------------------------|
| Site | 5N-66W-29 SANFORD 21-29 PAD | | | |
| Site Position: | | Northing: | 1,380,603.61 usft | Latitude: 40.376075 |
| From: | Lat/Long | Easting: | 3,193,654.99 usft | Longitude: -104.804914 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | Grid Convergence: 0.45 ° |

| | | | | |
|-----------------------------|------------------|-------------|----------------------------|------------------------------------|
| Well | SANFORD 30C-30-M | | | |
| Well Position | +N/-S | -18.96 usft | Northing: | 1,380,585.83 usft |
| | +E/-W | 150.17 usft | Easting: | 3,193,805.30 usft |
| Position Uncertainty | | 3.28 usft | Wellhead Elevation: | Latitude: 40.376023 |
| | | | | Longitude: -104.804375 |
| | | | | Ground Level: 4,904.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2015 | 10/20/2018 | 8.09 | 66.79 | 52,222.04861883 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Design #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 272.43 |

| | | | | |
|---------------------------------|------------------------|--------------------------|-------------------------|-----------------------------------|
| Plan Survey Tool Program | Date | 10/25/2018 | | |
| Depth From (usft) | Depth To (usft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 1,800.00 | Design #1 (Wellbore #1) | SRC Energy_ISCWSA REV 2 |
| | | | | Fixed:v2:crustal field declinatio |
| 2 | 7,781.00 | 15,590.73 | Design #1 (Wellbore #1) | SRC Energy_ISCWSA REV 2 |
| | | | | Fixed:v2:Rockies, crustal dec + |

| | | | | | | | | | | |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|---------------------|
| Plan Sections | | | | | | | | | | |
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 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 | |
| 572.50 | 7.45 | 70.65 | 571.45 | 8.01 | 22.82 | 2.00 | 2.00 | 0.00 | 70.65 | |
| 6,700.03 | 7.45 | 70.65 | 6,647.26 | 271.26 | 772.44 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,776.08 | 89.82 | 270.15 | 7,361.00 | 304.02 | 142.63 | 9.00 | 7.66 | -14.92 | -160.35 | |
| 15,590.73 | 89.82 | 270.15 | 7,385.00 | 325.06 | -7,671.95 | 0.00 | 0.00 | 0.00 | 0.00 | Sanford 30C-30-M_BI |

Hewlett-Packard

Planning Report

| | | | |
|------------------|---------------------------------|-------------------------------------|------------------------------|
| Database: | EDM 5000.14 Single User Db | Local Co-ordinate Reference: | Well SANFORD 30C-30-M |
| Company: | SRC ENERGY | TVD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Project: | WELD COUNTY (NAD83, TRUE NORTH) | MD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Site: | 5N-66W-29 SANFORD 21-29 PAD | North Reference: | True |
| Well: | SANFORD 30C-30-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | |
|-------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 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) |
| 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 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Begin Nudge @ 200.00ft | | | | | | | | | |
| 300.00 | 2.00 | 70.65 | 299.98 | 0.58 | 1.65 | -1.62 | 2.00 | 2.00 | 0.00 |
| 400.00 | 4.00 | 70.65 | 399.84 | 2.31 | 6.58 | -6.48 | 2.00 | 2.00 | 0.00 |
| 500.00 | 6.00 | 70.65 | 499.45 | 5.20 | 14.81 | -14.57 | 2.00 | 2.00 | 0.00 |
| 572.50 | 7.45 | 70.65 | 571.45 | 8.01 | 22.82 | -22.46 | 2.00 | 2.00 | 0.00 |
| Hold Tangent @ 572.50ft | | | | | | | | | |
| 600.00 | 7.45 | 70.65 | 598.72 | 9.19 | 26.18 | -25.77 | 0.00 | 0.00 | 0.00 |
| 700.00 | 7.45 | 70.65 | 697.87 | 13.49 | 38.42 | -37.81 | 0.00 | 0.00 | 0.00 |
| 800.00 | 7.45 | 70.65 | 797.03 | 17.79 | 50.65 | -49.85 | 0.00 | 0.00 | 0.00 |
| 900.00 | 7.45 | 70.65 | 896.19 | 22.08 | 62.88 | -61.89 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 7.45 | 70.65 | 995.34 | 26.38 | 75.12 | -73.93 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 7.45 | 70.65 | 1,094.50 | 30.68 | 87.35 | -85.97 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 7.45 | 70.65 | 1,193.65 | 34.97 | 99.58 | -98.01 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 7.45 | 70.65 | 1,292.81 | 39.27 | 111.82 | -110.05 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 7.45 | 70.65 | 1,391.97 | 43.56 | 124.05 | -122.10 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 7.45 | 70.65 | 1,491.12 | 47.86 | 136.28 | -134.14 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 7.45 | 70.65 | 1,590.28 | 52.16 | 148.52 | -146.18 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 7.45 | 70.65 | 1,689.43 | 56.45 | 160.75 | -158.22 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 7.45 | 70.65 | 1,788.59 | 60.75 | 172.99 | -170.26 | 0.00 | 0.00 | 0.00 |
| 1,811.51 | 7.45 | 70.65 | 1,800.00 | 61.24 | 174.39 | -171.64 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 1,900.00 | 7.45 | 70.65 | 1,887.75 | 65.04 | 185.22 | -182.30 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 7.45 | 70.65 | 1,986.90 | 69.34 | 197.45 | -194.34 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 7.45 | 70.65 | 2,086.06 | 73.64 | 209.69 | -206.38 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 7.45 | 70.65 | 2,185.21 | 77.93 | 221.92 | -218.42 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 7.45 | 70.65 | 2,284.37 | 82.23 | 234.15 | -230.46 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 7.45 | 70.65 | 2,383.52 | 86.53 | 246.39 | -242.50 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 7.45 | 70.65 | 2,482.68 | 90.82 | 258.62 | -254.54 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 7.45 | 70.65 | 2,581.84 | 95.12 | 270.85 | -266.59 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 7.45 | 70.65 | 2,680.99 | 99.41 | 283.09 | -278.63 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 7.45 | 70.65 | 2,780.15 | 103.71 | 295.32 | -290.67 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 7.45 | 70.65 | 2,879.30 | 108.01 | 307.56 | -302.71 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 7.45 | 70.65 | 2,978.46 | 112.30 | 319.79 | -314.75 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 7.45 | 70.65 | 3,077.62 | 116.60 | 332.02 | -326.79 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 7.45 | 70.65 | 3,176.77 | 120.89 | 344.26 | -338.83 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 7.45 | 70.65 | 3,275.93 | 125.19 | 356.49 | -350.87 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 7.45 | 70.65 | 3,375.08 | 129.49 | 368.72 | -362.91 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 7.45 | 70.65 | 3,474.24 | 133.78 | 380.96 | -374.95 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 7.45 | 70.65 | 3,573.39 | 138.08 | 393.19 | -386.99 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 7.45 | 70.65 | 3,672.55 | 142.38 | 405.43 | -399.03 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 7.45 | 70.65 | 3,771.71 | 146.67 | 417.66 | -411.08 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 7.45 | 70.65 | 3,870.86 | 150.97 | 429.89 | -423.12 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 7.45 | 70.65 | 3,970.02 | 155.26 | 442.13 | -435.16 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 7.45 | 70.65 | 4,069.17 | 159.56 | 454.36 | -447.20 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 7.45 | 70.65 | 4,168.33 | 163.86 | 466.59 | -459.24 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 7.45 | 70.65 | 4,267.49 | 168.15 | 478.83 | -471.28 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 7.45 | 70.65 | 4,366.64 | 172.45 | 491.06 | -483.32 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 7.45 | 70.65 | 4,465.80 | 176.74 | 503.29 | -495.36 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 7.45 | 70.65 | 4,564.95 | 181.04 | 515.53 | -507.40 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 7.45 | 70.65 | 4,664.11 | 185.34 | 527.76 | -519.44 | 0.00 | 0.00 | 0.00 |

Hewlett-Packard

Planning Report

| | | | |
|------------------|---------------------------------|-------------------------------------|------------------------------|
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| Company: | SRC ENERGY | TVD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Project: | WELD COUNTY (NAD83, TRUE NORTH) | MD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Site: | 5N-66W-29 SANFORD 21-29 PAD | North Reference: | True |
| Well: | SANFORD 30C-30-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 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) |
| 4,800.00 | 7.45 | 70.65 | 4,763.26 | 189.63 | 540.00 | -531.48 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 7.45 | 70.65 | 4,862.42 | 193.93 | 552.23 | -543.52 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 7.45 | 70.65 | 4,961.58 | 198.23 | 564.46 | -555.57 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 7.45 | 70.65 | 5,060.73 | 202.52 | 576.70 | -567.61 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 7.45 | 70.65 | 5,159.89 | 206.82 | 588.93 | -579.65 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 7.45 | 70.65 | 5,259.04 | 211.11 | 601.16 | -591.69 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 7.45 | 70.65 | 5,358.20 | 215.41 | 613.40 | -603.73 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 7.45 | 70.65 | 5,457.36 | 219.71 | 625.63 | -615.77 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 7.45 | 70.65 | 5,556.51 | 224.00 | 637.87 | -627.81 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 7.45 | 70.65 | 5,655.67 | 228.30 | 650.10 | -639.85 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 7.45 | 70.65 | 5,754.82 | 232.59 | 662.33 | -651.89 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 7.45 | 70.65 | 5,853.98 | 236.89 | 674.57 | -663.93 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 7.45 | 70.65 | 5,953.13 | 241.19 | 686.80 | -675.97 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 7.45 | 70.65 | 6,052.29 | 245.48 | 699.03 | -688.01 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 7.45 | 70.65 | 6,151.45 | 249.78 | 711.27 | -700.06 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 7.45 | 70.65 | 6,250.60 | 254.08 | 723.50 | -712.10 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 7.45 | 70.65 | 6,349.76 | 258.37 | 735.73 | -724.14 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 7.45 | 70.65 | 6,448.91 | 262.67 | 747.97 | -736.18 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 7.45 | 70.65 | 6,548.07 | 266.96 | 760.20 | -748.22 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 7.45 | 70.65 | 6,647.23 | 271.26 | 772.44 | -760.26 | 0.00 | 0.00 | 0.00 |
| 6,700.03 | 7.45 | 70.65 | 6,647.26 | 271.26 | 772.44 | -760.26 | 0.00 | 0.00 | 0.00 |
| KOP @ 6700.03ft :: DLS = 9°/100' | | | | | | | | | |
| 6,800.00 | 3.19 | 321.78 | 6,746.93 | 275.60 | 776.84 | -764.48 | 9.00 | -4.27 | -108.90 |
| 6,900.00 | 11.25 | 282.82 | 6,846.10 | 279.96 | 765.59 | -753.05 | 9.00 | 8.07 | -38.97 |
| 7,000.00 | 20.13 | 276.99 | 6,942.28 | 284.22 | 738.94 | -726.25 | 9.00 | 8.87 | -5.83 |
| 7,100.00 | 29.07 | 274.65 | 7,033.11 | 288.29 | 697.56 | -684.73 | 9.00 | 8.95 | -2.34 |
| 7,200.00 | 38.05 | 273.34 | 7,116.36 | 292.07 | 642.47 | -629.53 | 9.00 | 8.97 | -1.30 |
| 7,300.00 | 47.03 | 272.48 | 7,189.97 | 295.45 | 575.02 | -561.99 | 9.00 | 8.98 | -0.87 |
| 7,400.00 | 56.01 | 271.83 | 7,252.13 | 298.36 | 496.87 | -483.79 | 9.00 | 8.99 | -0.64 |
| 7,500.00 | 65.00 | 271.31 | 7,301.31 | 300.73 | 409.95 | -396.85 | 9.00 | 8.99 | -0.52 |
| 7,600.00 | 73.99 | 270.86 | 7,336.30 | 302.50 | 316.40 | -303.31 | 9.00 | 8.99 | -0.45 |
| 7,700.00 | 82.98 | 270.45 | 7,356.23 | 303.62 | 218.51 | -205.47 | 9.00 | 8.99 | -0.41 |
| 7,776.08 | 89.82 | 270.15 | 7,361.00 | 304.02 | 142.63 | -129.63 | 9.00 | 8.99 | -0.39 |
| End Build @ 7776.08ft - Production Zone Top | | | | | | | | | |
| 7,800.00 | 89.82 | 270.15 | 7,361.08 | 304.09 | 118.71 | -105.73 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 89.82 | 270.15 | 7,361.38 | 304.36 | 18.71 | -5.81 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 89.82 | 270.15 | 7,361.69 | 304.63 | -81.29 | 94.11 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 89.82 | 270.15 | 7,362.00 | 304.89 | -181.29 | 194.03 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 89.82 | 270.15 | 7,362.31 | 305.16 | -281.29 | 293.95 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 89.82 | 270.15 | 7,362.61 | 305.43 | -381.28 | 393.87 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 89.82 | 270.15 | 7,362.92 | 305.70 | -481.28 | 493.79 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 89.82 | 270.15 | 7,363.23 | 305.97 | -581.28 | 593.71 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 89.82 | 270.15 | 7,363.53 | 306.24 | -681.28 | 693.64 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 89.82 | 270.15 | 7,363.84 | 306.51 | -781.28 | 793.56 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 89.82 | 270.15 | 7,364.15 | 306.78 | -881.28 | 893.48 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 89.82 | 270.15 | 7,364.46 | 307.05 | -981.28 | 993.40 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 89.82 | 270.15 | 7,364.76 | 307.32 | -1,081.28 | 1,093.32 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 89.82 | 270.15 | 7,365.07 | 307.59 | -1,181.28 | 1,193.24 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 89.82 | 270.15 | 7,365.38 | 307.86 | -1,281.28 | 1,293.16 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 89.82 | 270.15 | 7,365.68 | 308.13 | -1,381.28 | 1,393.08 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 89.82 | 270.15 | 7,365.99 | 308.39 | -1,481.28 | 1,493.00 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 89.82 | 270.15 | 7,366.30 | 308.66 | -1,581.27 | 1,592.92 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 89.82 | 270.15 | 7,366.60 | 308.93 | -1,681.27 | 1,692.84 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 89.82 | 270.15 | 7,366.91 | 309.20 | -1,781.27 | 1,792.77 | 0.00 | 0.00 | 0.00 |

Hewlett-Packard

Planning Report

| | | | |
|------------------|---------------------------------|-------------------------------------|------------------------------|
| Database: | EDM 5000.14 Single User Db | Local Co-ordinate Reference: | Well SANFORD 30C-30-M |
| Company: | SRC ENERGY | TVD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Project: | WELD COUNTY (NAD83, TRUE NORTH) | MD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Site: | 5N-66W-29 SANFORD 21-29 PAD | North Reference: | True |
| Well: | SANFORD 30C-30-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| 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) | |
| 9,800.00 | 89.82 | 270.15 | 7,367.22 | 309.47 | -1,881.27 | 1,892.69 | 0.00 | 0.00 | 0.00 | |
| 9,900.00 | 89.82 | 270.15 | 7,367.53 | 309.74 | -1,981.27 | 1,992.61 | 0.00 | 0.00 | 0.00 | |
| 10,000.00 | 89.82 | 270.15 | 7,367.83 | 310.01 | -2,081.27 | 2,092.53 | 0.00 | 0.00 | 0.00 | |
| 10,100.00 | 89.82 | 270.15 | 7,368.14 | 310.28 | -2,181.27 | 2,192.45 | 0.00 | 0.00 | 0.00 | |
| 10,200.00 | 89.82 | 270.15 | 7,368.45 | 310.55 | -2,281.27 | 2,292.37 | 0.00 | 0.00 | 0.00 | |
| 10,300.00 | 89.82 | 270.15 | 7,368.75 | 310.82 | -2,381.27 | 2,392.29 | 0.00 | 0.00 | 0.00 | |
| 10,400.00 | 89.82 | 270.15 | 7,369.06 | 311.09 | -2,481.27 | 2,492.21 | 0.00 | 0.00 | 0.00 | |
| 10,500.00 | 89.82 | 270.15 | 7,369.37 | 311.36 | -2,581.27 | 2,592.13 | 0.00 | 0.00 | 0.00 | |
| 10,600.00 | 89.82 | 270.15 | 7,369.68 | 311.63 | -2,681.27 | 2,692.05 | 0.00 | 0.00 | 0.00 | |
| 10,700.00 | 89.82 | 270.15 | 7,369.98 | 311.89 | -2,781.26 | 2,791.97 | 0.00 | 0.00 | 0.00 | |
| 10,800.00 | 89.82 | 270.15 | 7,370.29 | 312.16 | -2,881.26 | 2,891.90 | 0.00 | 0.00 | 0.00 | |
| 10,900.00 | 89.82 | 270.15 | 7,370.60 | 312.43 | -2,981.26 | 2,991.82 | 0.00 | 0.00 | 0.00 | |
| 11,000.00 | 89.82 | 270.15 | 7,370.90 | 312.70 | -3,081.26 | 3,091.74 | 0.00 | 0.00 | 0.00 | |
| 11,100.00 | 89.82 | 270.15 | 7,371.21 | 312.97 | -3,181.26 | 3,191.66 | 0.00 | 0.00 | 0.00 | |
| 11,200.00 | 89.82 | 270.15 | 7,371.52 | 313.24 | -3,281.26 | 3,291.58 | 0.00 | 0.00 | 0.00 | |
| 11,300.00 | 89.82 | 270.15 | 7,371.82 | 313.51 | -3,381.26 | 3,391.50 | 0.00 | 0.00 | 0.00 | |
| 11,400.00 | 89.82 | 270.15 | 7,372.13 | 313.78 | -3,481.26 | 3,491.42 | 0.00 | 0.00 | 0.00 | |
| 11,500.00 | 89.82 | 270.15 | 7,372.44 | 314.05 | -3,581.26 | 3,591.34 | 0.00 | 0.00 | 0.00 | |
| 11,600.00 | 89.82 | 270.15 | 7,372.75 | 314.32 | -3,681.26 | 3,691.26 | 0.00 | 0.00 | 0.00 | |
| 11,700.00 | 89.82 | 270.15 | 7,373.05 | 314.59 | -3,781.26 | 3,791.18 | 0.00 | 0.00 | 0.00 | |
| 11,800.00 | 89.82 | 270.15 | 7,373.36 | 314.86 | -3,881.26 | 3,891.10 | 0.00 | 0.00 | 0.00 | |
| 11,900.00 | 89.82 | 270.15 | 7,373.67 | 315.13 | -3,981.25 | 3,991.03 | 0.00 | 0.00 | 0.00 | |
| 12,000.00 | 89.82 | 270.15 | 7,373.97 | 315.39 | -4,081.25 | 4,090.95 | 0.00 | 0.00 | 0.00 | |
| 12,100.00 | 89.82 | 270.15 | 7,374.28 | 315.66 | -4,181.25 | 4,190.87 | 0.00 | 0.00 | 0.00 | |
| 12,200.00 | 89.82 | 270.15 | 7,374.59 | 315.93 | -4,281.25 | 4,290.79 | 0.00 | 0.00 | 0.00 | |
| 12,300.00 | 89.82 | 270.15 | 7,374.90 | 316.20 | -4,381.25 | 4,390.71 | 0.00 | 0.00 | 0.00 | |
| 12,400.00 | 89.82 | 270.15 | 7,375.20 | 316.47 | -4,481.25 | 4,490.63 | 0.00 | 0.00 | 0.00 | |
| 12,500.00 | 89.82 | 270.15 | 7,375.51 | 316.74 | -4,581.25 | 4,590.55 | 0.00 | 0.00 | 0.00 | |
| 12,600.00 | 89.82 | 270.15 | 7,375.82 | 317.01 | -4,681.25 | 4,690.47 | 0.00 | 0.00 | 0.00 | |
| 12,700.00 | 89.82 | 270.15 | 7,376.12 | 317.28 | -4,781.25 | 4,790.39 | 0.00 | 0.00 | 0.00 | |
| 12,800.00 | 89.82 | 270.15 | 7,376.43 | 317.55 | -4,881.25 | 4,890.31 | 0.00 | 0.00 | 0.00 | |
| 12,900.00 | 89.82 | 270.15 | 7,376.74 | 317.82 | -4,981.25 | 4,990.24 | 0.00 | 0.00 | 0.00 | |
| 13,000.00 | 89.82 | 270.15 | 7,377.04 | 318.09 | -5,081.25 | 5,090.16 | 0.00 | 0.00 | 0.00 | |
| 13,100.00 | 89.82 | 270.15 | 7,377.35 | 318.36 | -5,181.24 | 5,190.08 | 0.00 | 0.00 | 0.00 | |
| 13,200.00 | 89.82 | 270.15 | 7,377.66 | 318.63 | -5,281.24 | 5,290.00 | 0.00 | 0.00 | 0.00 | |
| 13,300.00 | 89.82 | 270.15 | 7,377.97 | 318.89 | -5,381.24 | 5,389.92 | 0.00 | 0.00 | 0.00 | |
| 13,400.00 | 89.82 | 270.15 | 7,378.27 | 319.16 | -5,481.24 | 5,489.84 | 0.00 | 0.00 | 0.00 | |
| 13,500.00 | 89.82 | 270.15 | 7,378.58 | 319.43 | -5,581.24 | 5,589.76 | 0.00 | 0.00 | 0.00 | |
| 13,600.00 | 89.82 | 270.15 | 7,378.89 | 319.70 | -5,681.24 | 5,689.68 | 0.00 | 0.00 | 0.00 | |
| 13,700.00 | 89.82 | 270.15 | 7,379.19 | 319.97 | -5,781.24 | 5,789.60 | 0.00 | 0.00 | 0.00 | |
| 13,800.00 | 89.82 | 270.15 | 7,379.50 | 320.24 | -5,881.24 | 5,889.52 | 0.00 | 0.00 | 0.00 | |
| 13,900.00 | 89.82 | 270.15 | 7,379.81 | 320.51 | -5,981.24 | 5,989.44 | 0.00 | 0.00 | 0.00 | |
| 14,000.00 | 89.82 | 270.15 | 7,380.12 | 320.78 | -6,081.24 | 6,089.37 | 0.00 | 0.00 | 0.00 | |
| 14,100.00 | 89.82 | 270.15 | 7,380.42 | 321.05 | -6,181.24 | 6,189.29 | 0.00 | 0.00 | 0.00 | |
| 14,200.00 | 89.82 | 270.15 | 7,380.73 | 321.32 | -6,281.24 | 6,289.21 | 0.00 | 0.00 | 0.00 | |
| 14,300.00 | 89.82 | 270.15 | 7,381.04 | 321.59 | -6,381.23 | 6,389.13 | 0.00 | 0.00 | 0.00 | |
| 14,400.00 | 89.82 | 270.15 | 7,381.34 | 321.86 | -6,481.23 | 6,489.05 | 0.00 | 0.00 | 0.00 | |
| 14,500.00 | 89.82 | 270.15 | 7,381.65 | 322.13 | -6,581.23 | 6,588.97 | 0.00 | 0.00 | 0.00 | |
| 14,600.00 | 89.82 | 270.15 | 7,381.96 | 322.39 | -6,681.23 | 6,688.89 | 0.00 | 0.00 | 0.00 | |
| 14,700.00 | 89.82 | 270.15 | 7,382.27 | 322.66 | -6,781.23 | 6,788.81 | 0.00 | 0.00 | 0.00 | |
| 14,800.00 | 89.82 | 270.15 | 7,382.57 | 322.93 | -6,881.23 | 6,888.73 | 0.00 | 0.00 | 0.00 | |
| 14,900.00 | 89.82 | 270.15 | 7,382.88 | 323.20 | -6,981.23 | 6,988.65 | 0.00 | 0.00 | 0.00 | |
| 15,000.00 | 89.82 | 270.15 | 7,383.19 | 323.47 | -7,081.23 | 7,088.57 | 0.00 | 0.00 | 0.00 | |
| 15,100.00 | 89.82 | 270.15 | 7,383.49 | 323.74 | -7,181.23 | 7,188.50 | 0.00 | 0.00 | 0.00 | |

Hewlett-Packard

Planning Report

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|------------------|---------------------------------|-------------------------------------|------------------------------|
| Database: | EDM 5000.14 Single User Db | Local Co-ordinate Reference: | Well SANFORD 30C-30-M |
| Company: | SRC ENERGY | TVD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Project: | WELD COUNTY (NAD83, TRUE NORTH) | MD Reference: | RKB = 4' @ 4908.00usft (RIG) |
| Site: | 5N-66W-29 SANFORD 21-29 PAD | North Reference: | True |
| Well: | SANFORD 30C-30-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 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) |
| 15,200.00 | 89.82 | 270.15 | 7,383.80 | 324.01 | -7,281.23 | 7,288.42 | 0.00 | 0.00 | 0.00 |
| 15,300.00 | 89.82 | 270.15 | 7,384.11 | 324.28 | -7,381.23 | 7,388.34 | 0.00 | 0.00 | 0.00 |
| 15,400.00 | 89.82 | 270.15 | 7,384.41 | 324.55 | -7,481.23 | 7,488.26 | 0.00 | 0.00 | 0.00 |
| 15,500.00 | 89.82 | 270.15 | 7,384.72 | 324.82 | -7,581.22 | 7,588.18 | 0.00 | 0.00 | 0.00 |
| 15,590.73 | 89.82 | 270.15 | 7,385.00 | 325.06 | -7,671.95 | 7,678.83 | 0.00 | 0.00 | 0.00 |
| TD Well @ 15590.73ft | | | | | | | | | |

| Casing Points | | | | | |
|-----------------------|-----------------------|---------------------|--|---------------------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | | Casing Diameter (") | Hole Diameter (") |
| 1,811.51 | 1,800.00 | 9 5/8" | | 9-5/8 | 13-1/2 |
| 7,776.08 | 7,361.00 | Production Zone Top | | 5-1/2 | 8-1/2 |

| Plan Annotations | | | | |
|-----------------------|-----------------------|-------------------|--------------|----------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
| | | +N/-S (usft) | +E/-W (usft) | |
| 200.00 | 200.00 | 0.00 | 0.00 | Begin Nudge @ 200.00ft |
| 572.50 | 571.45 | 8.01 | 22.82 | Hold Tangent @ 572.50ft |
| 6,700.03 | 6,647.26 | 271.26 | 772.44 | KOP @ 6700.03ft :: DLS = 9°/100' |
| 7,776.08 | 7,361.00 | 304.02 | 142.63 | End Build @ 7776.08ft |
| 15,590.73 | 7,385.00 | 325.06 | -7,671.95 | TD Well @ 15590.73ft |