

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

| | | | | | | |
|---|------------------|--|----------------|---|--------------|-----------------|
| APPLICATION FOR PERMIT TO DRILL | | | | 1. WELL NAME and NUMBER Greater Monument Butte C-34-8-16 | | |
| 2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> | | | | 3. FIELD OR WILDCAT MONUMENT BUTTE | | |
| 4. TYPE OF WELL Oil Well Coalbed Methane Well: NO | | | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV) | | |
| 6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY | | | | 7. OPERATOR PHONE 435 646-4825 | | |
| 8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052 | | | | 9. OPERATOR E-MAIL mcrozier@newfield.com | | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-62848 | | 11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> | | 12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> | | |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee') | | | | 14. SURFACE OWNER PHONE (if box 12 = 'fee') | | |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') | | | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') | | |
| 17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') | | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> | | 19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> | | |
| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
| LOCATION AT SURFACE | 755 FSL 2013 FEL | SWSE | 27 | 8.0 S | 16.0 E | S |
| Top of Uppermost Producing Zone | 250 FSL 2410 FEL | SWSE | 27 | 8.0 S | 16.0 E | S |
| At Total Depth | 10 FNL 2635 FEL | NWNE | 34 | 8.0 S | 16.0 E | S |
| 21. COUNTY DUCHESNE | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 10 | | 23. NUMBER OF ACRES IN DRILLING UNIT 20 | | |
| | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1447 | | 26. PROPOSED DEPTH MD: 6555 TVD: 6555 | | |
| 27. ELEVATION - GROUND LEVEL 5578 | | 28. BOND NUMBER WYB000493 | | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-7478 | | |

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

| | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |
| <input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP |

| | | |
|--|--|------------------------------------|
| NAME Mandie Crozier | TITLE Regulatory Tech | PHONE 435 646-4825 |
| SIGNATURE | DATE 01/19/2010 | EMAIL mcrozier@newfield.com |
| API NUMBER ASSIGNED 43013502220000 | APPROVAL  Permit Manager | |

Proposed Hole, Casing, and Cement

| String | Hole Size | Casing Size | Top (MD) | Bottom (MD) | | |
|---------------|------------------|--------------------|-----------------|--------------------|--|--|
| Prod | 7.875 | 5.5 | 0 | 6555 | | |
| Pipe | Grade | Length | Weight | | | |
| | Grade J-55 LT&C | 6555 | 15.5 | | | |
| | | | | | | |

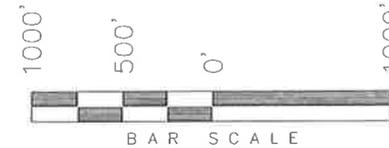
Proposed Hole, Casing, and Cement

| String | Hole Size | Casing Size | Top (MD) | Bottom (MD) | | |
|---------------|------------------|--------------------|-----------------|--------------------|--|--|
| Surf | 12.25 | 8.625 | 0 | 300 | | |
| Pipe | Grade | Length | Weight | | | |
| | Grade J-55 ST&C | 300 | 24.0 | | | |
| | | | | | | |

T8S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

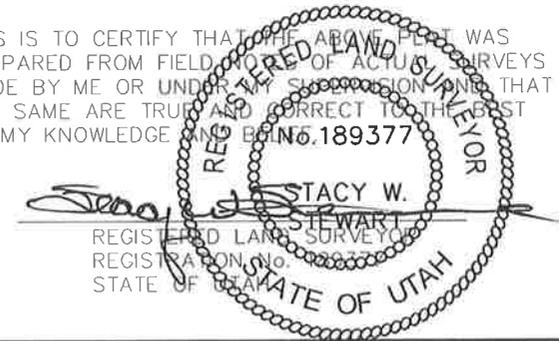
WELL LOCATION, C-34-8-16, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 27, T8S, R16E, S.L.B.&M, DUCHESNE COUNTY, UTAH.



Note:

- The bottom of hole footages are 10' FNL & 2635' FEL Section 34, T8S, R16E, S.L.B.&M.

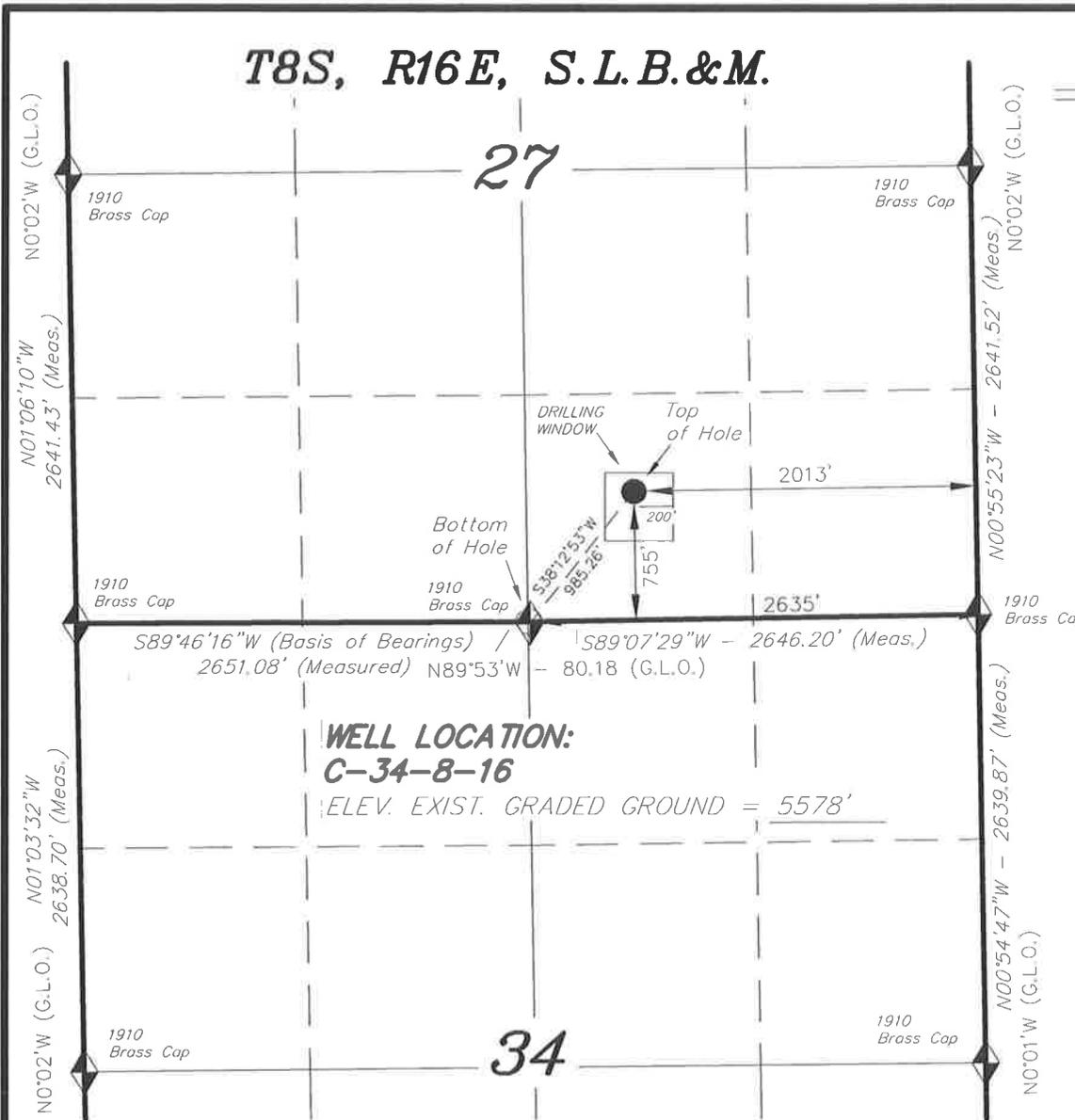
THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

| | |
|-----------------------------|-------------------|
| DATE SURVEYED: 08-05-09 | SURVEYED BY: T.H. |
| DATE DRAWN: 08-06-09 | DRAWN BY: F.T.M. |
| REVISED: 12-22-09 - M.W. | SCALE: 1" = 1000' |



**WELL LOCATION:
C-34-8-16**
ELEV. EXIST. GRADED GROUND = 5578'

C-34-8-16
(Surface Location) NAD 83
LATITUDE = 40° 05' 01.37"
LONGITUDE = 110° 06' 11.85"

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'



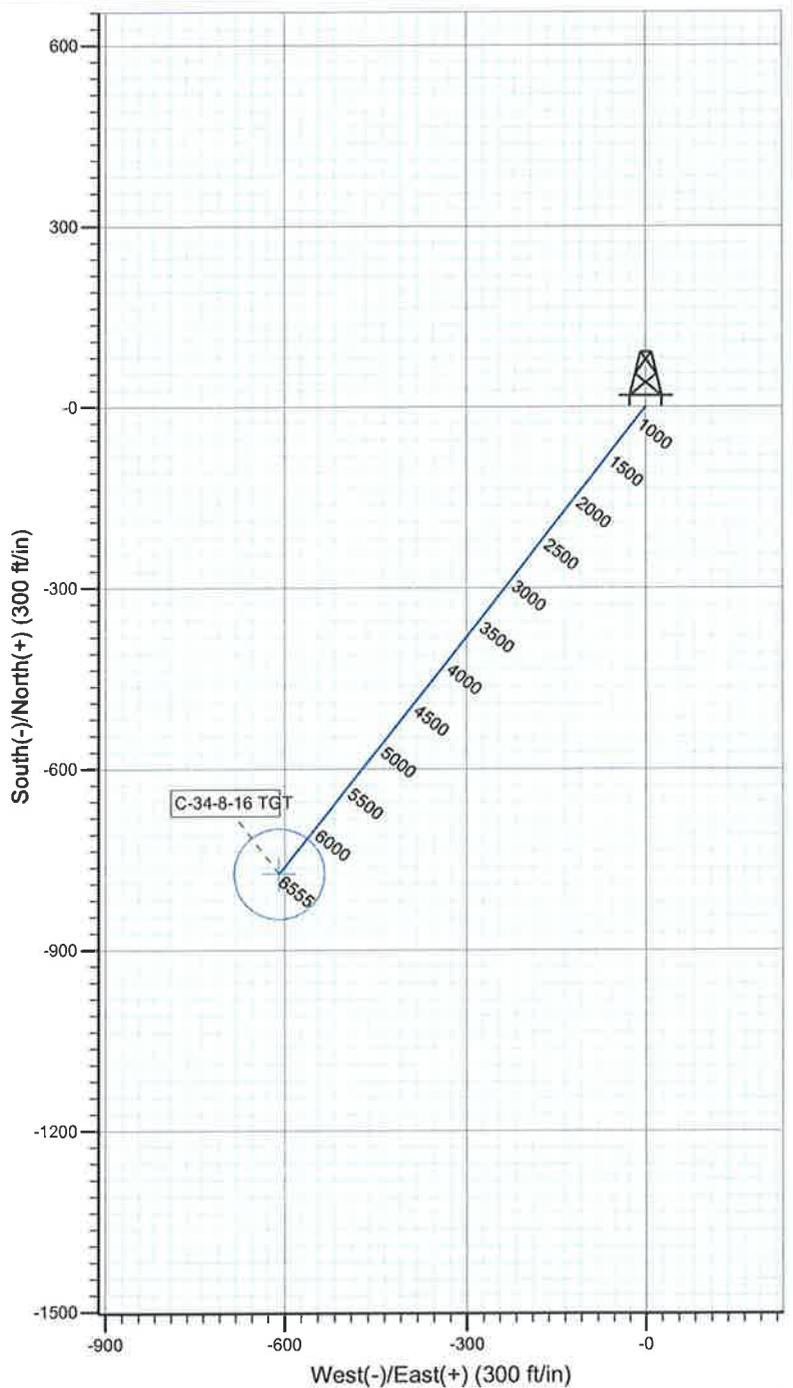
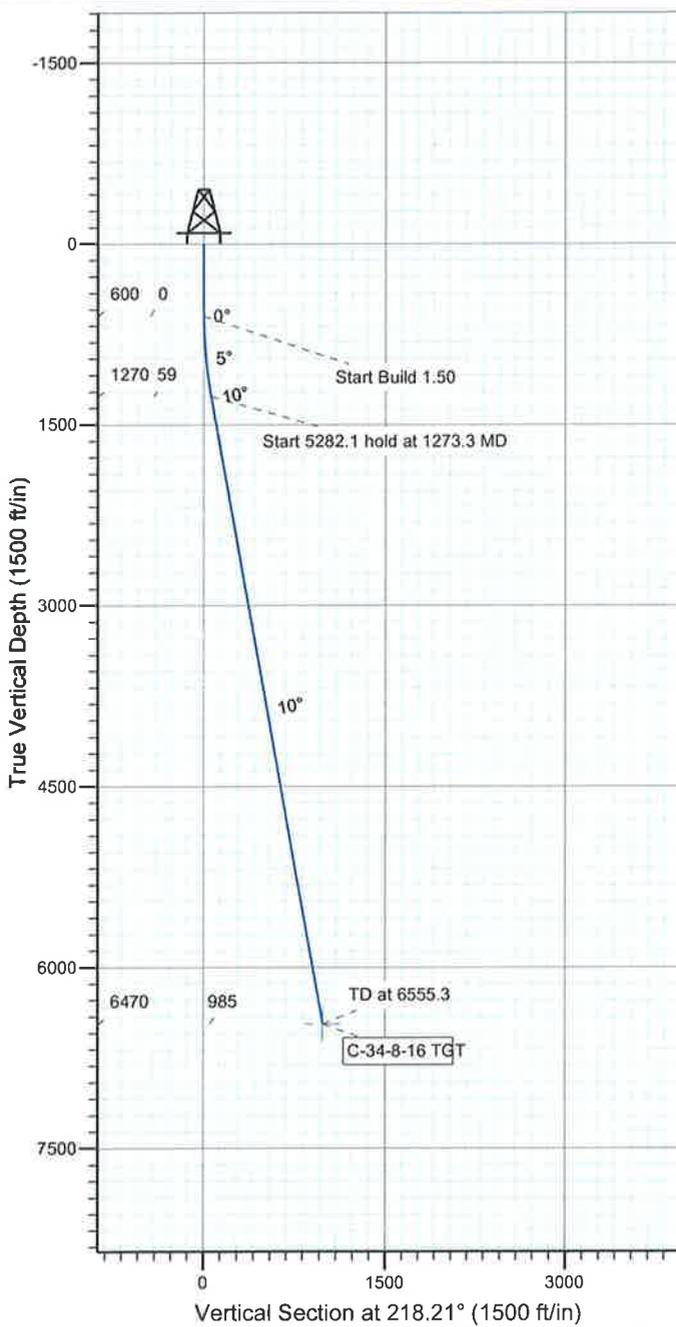
Project: USGS Myton SW (UT)
 Site: SECTION 27 T8S, R16E
 Well: C-34-8-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.51°

Magnetic Field
 Strength: 52466.3snT
 Dip Angle: 65.87°
 Date: 12/11/2009
 Model: IGRF200510

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100'
 TARGET RADIUS IS 75'



WELLBORE TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Shape |
|---------------|--------|--------|--------|-----------------------|
| C-34-8-16 TGT | 6470.0 | -774.2 | -609.4 | Circle (Radius: 75.0) |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|-----|--------|-------|--------|--------|--------|--------|------|--------|-------|---------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.1 | 0.1 | 0.00 | 0.00 | 0.0 | |
| 2 | 600.0 | 0.00 | 0.00 | 600.0 | 0.1 | 0.1 | 0.00 | 0.00 | 0.0 | |
| 3 | 1273.3 | 10.10 | 218.21 | 1269.8 | -46.4 | -36.5 | 1.50 | 218.21 | 59.2 | |
| 4 | 6555.3 | 10.10 | 218.21 | 6470.0 | -774.2 | -609.4 | 0.00 | 0.00 | 985.4 | C-34-8-16 TGT |



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 27 T8S, R16E
C-34-8-16**

Wellbore #1

Plan: Design #1

Standard Planning Report

11 December, 2009



HATHAWAYBURNHAM

Planning Report

| | | | |
|------------------|----------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM 2003.21 Single User Db | Local Co-ordinate Reference: | Well C-34-8-16 |
| Company: | NEWFIELD EXPLORATION | TVD Reference: | WELL @ 5590.0ft (Original Well Elev) |
| Project: | USGS Myton SW (UT) | MD Reference: | WELL @ 5590.0ft (Original Well Elev) |
| Site: | SECTION 27 T8S, R16E | North Reference: | True |
| Well: | C-34-8-16 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| | | | |
|--------------------|--|----------------------|-----------------------------|
| Project | USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Utah Central Zone | | Using geodetic scale factor |

| | | | | | |
|------------------------------|----------------------|---------------------|-----------------|--------------------------|------------------|
| Site | SECTION 27 T8S, R16E | | | | |
| Site Position: | | Northing: | 7,204,200.00 ft | Latitude: | 40° 5' 20.461 N |
| From: | Lat/Long | Easting: | 2,031,203.02 ft | Longitude: | 110° 6' 11.329 W |
| Position Uncertainty: | 0.0 ft | Slot Radius: | " | Grid Convergence: | 0.89 ° |

| | | | | | | |
|-----------------------------|---|-------------|----------------------------|-----------------|----------------------|------------------|
| Well | C-34-8-16, SHL LAT: 40 05 01.37, LONG -110 06 11.85 | | | | | |
| Well Position | +N/-S | -2,007.8 ft | Northing: | 7,202,213.43 ft | Latitude: | 40° 5' 0.620 N |
| | +E/-W | 1,325.8 ft | Easting: | 2,032,560.01 ft | Longitude: | 110° 5' 54.270 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | 5,590.0 ft | Ground Level: | 5,578.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF200510 | 12/11/2009 | 11.51 | 65.87 | 52,466 |

| | | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|--|
| Design | Design #1 | | | | |
| Audit Notes: | | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 | |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 6,470.0 | 0.1 | 0.1 | 218.21 | |

| 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 | 0.1 | 0.1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.1 | 0.1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,273.3 | 10.10 | 218.21 | 1,269.8 | -46.4 | -36.5 | 1.50 | 1.50 | 0.00 | 218.21 | |
| 6,555.3 | 10.10 | 218.21 | 6,470.0 | -774.2 | -609.4 | 0.00 | 0.00 | 0.00 | 0.00 | C-34-8-16 TGT |



HATHAWAYBURNHAM

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Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well C-34-8-16
TVD Reference: WELL @ 5590.0ft (Original Well Elev)
MD Reference: WELL @ 5590.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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 | 0.1 | 0.1 | 0.0 | 0.00 | 0.00 | 0.00 |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.1 | 0.1 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.1 | 0.1 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.1 | 0.1 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.1 | 0.1 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.1 | 0.1 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.1 | 0.1 | 0.0 | 0.00 | 0.00 | 0.00 |
| 700.0 | 1.50 | 218.21 | 700.0 | -1.0 | -0.7 | 1.3 | 1.50 | 1.50 | 0.00 |
| 800.0 | 3.00 | 218.21 | 799.9 | -4.0 | -3.1 | 5.2 | 1.50 | 1.50 | 0.00 |
| 900.0 | 4.50 | 218.21 | 899.7 | -9.2 | -7.2 | 11.8 | 1.50 | 1.50 | 0.00 |
| 1,000.0 | 6.00 | 218.21 | 999.3 | -16.4 | -12.8 | 20.9 | 1.50 | 1.50 | 0.00 |
| 1,100.0 | 7.50 | 218.21 | 1,098.6 | -25.6 | -20.1 | 32.7 | 1.50 | 1.50 | 0.00 |
| 1,200.0 | 9.00 | 218.21 | 1,197.5 | -36.9 | -29.0 | 47.0 | 1.50 | 1.50 | 0.00 |
| 1,273.3 | 10.10 | 218.21 | 1,269.8 | -46.4 | -36.5 | 59.2 | 1.50 | 1.50 | 0.00 |
| 1,300.0 | 10.10 | 218.21 | 1,296.1 | -50.1 | -39.4 | 63.9 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 10.10 | 218.21 | 1,394.6 | -63.9 | -50.2 | 81.4 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 10.10 | 218.21 | 1,493.0 | -77.7 | -61.1 | 98.9 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 10.10 | 218.21 | 1,591.5 | -91.4 | -71.9 | 116.5 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 10.10 | 218.21 | 1,689.9 | -105.2 | -82.8 | 134.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 10.10 | 218.21 | 1,788.4 | -119.0 | -93.6 | 151.5 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 10.10 | 218.21 | 1,886.8 | -132.8 | -104.5 | 169.1 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 10.10 | 218.21 | 1,985.3 | -146.6 | -115.3 | 186.6 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 10.10 | 218.21 | 2,083.7 | -160.3 | -126.2 | 204.1 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 10.10 | 218.21 | 2,182.2 | -174.1 | -137.0 | 221.7 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 10.10 | 218.21 | 2,280.6 | -187.9 | -147.9 | 239.2 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 10.10 | 218.21 | 2,379.1 | -201.7 | -158.7 | 256.8 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 10.10 | 218.21 | 2,477.5 | -215.4 | -169.6 | 274.3 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 10.10 | 218.21 | 2,576.0 | -229.2 | -180.4 | 291.8 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 10.10 | 218.21 | 2,674.4 | -243.0 | -191.3 | 309.4 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 10.10 | 218.21 | 2,772.9 | -256.8 | -202.1 | 326.9 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 10.10 | 218.21 | 2,871.3 | -270.6 | -212.9 | 344.4 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 10.10 | 218.21 | 2,969.8 | -284.3 | -223.8 | 362.0 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 10.10 | 218.21 | 3,068.2 | -298.1 | -234.6 | 379.5 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 10.10 | 218.21 | 3,166.7 | -311.9 | -245.5 | 397.0 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 10.10 | 218.21 | 3,265.1 | -325.7 | -256.3 | 414.6 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 10.10 | 218.21 | 3,363.6 | -339.4 | -267.2 | 432.1 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 10.10 | 218.21 | 3,462.0 | -353.2 | -278.0 | 449.6 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 10.10 | 218.21 | 3,560.5 | -367.0 | -288.9 | 467.2 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 10.10 | 218.21 | 3,658.9 | -380.8 | -299.7 | 484.7 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 10.10 | 218.21 | 3,757.4 | -394.6 | -310.6 | 502.2 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 10.10 | 218.21 | 3,855.8 | -408.3 | -321.4 | 519.8 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 10.10 | 218.21 | 3,954.3 | -422.1 | -332.3 | 537.3 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 10.10 | 218.21 | 4,052.7 | -435.9 | -343.1 | 554.8 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 10.10 | 218.21 | 4,151.2 | -449.7 | -354.0 | 572.4 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 10.10 | 218.21 | 4,249.6 | -463.4 | -364.8 | 589.9 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 10.10 | 218.21 | 4,348.1 | -477.2 | -375.6 | 607.4 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 10.10 | 218.21 | 4,446.5 | -491.0 | -386.5 | 625.0 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 10.10 | 218.21 | 4,545.0 | -504.8 | -397.3 | 642.5 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 10.10 | 218.21 | 4,643.4 | -518.5 | -408.2 | 660.1 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 10.10 | 218.21 | 4,741.9 | -532.3 | -419.0 | 677.6 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 10.10 | 218.21 | 4,840.3 | -546.1 | -429.9 | 695.1 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 10.10 | 218.21 | 4,938.8 | -559.9 | -440.7 | 712.7 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 10.10 | 218.21 | 5,037.2 | -573.7 | -451.6 | 730.2 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 10.10 | 218.21 | 5,135.7 | -587.4 | -462.4 | 747.7 | 0.00 | 0.00 | 0.00 |



HATHAWAYBURNHAM

Planning Report

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Site: SECTION 27 T8S, R16E
Well: C-34-8-16
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well C-34-8-16
TVD Reference: WELL @ 5590.0ft (Original Well Elev)
MD Reference: WELL @ 5590.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 5,300.0 | 10.10 | 218.21 | 5,234.1 | -601.2 | -473.3 | 765.3 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 10.10 | 218.21 | 5,332.6 | -615.0 | -484.1 | 782.8 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 10.10 | 218.21 | 5,431.0 | -628.8 | -495.0 | 800.3 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 10.10 | 218.21 | 5,529.5 | -642.5 | -505.8 | 817.9 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 10.10 | 218.21 | 5,627.9 | -656.3 | -516.7 | 835.4 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 10.10 | 218.21 | 5,726.4 | -670.1 | -527.5 | 852.9 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 10.10 | 218.21 | 5,824.8 | -683.9 | -538.3 | 870.5 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 10.10 | 218.21 | 5,923.3 | -697.7 | -549.2 | 888.0 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 10.10 | 218.21 | 6,021.7 | -711.4 | -560.0 | 905.5 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 10.10 | 218.21 | 6,120.2 | -725.2 | -570.9 | 923.1 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 10.10 | 218.21 | 6,218.6 | -739.0 | -581.7 | 940.6 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 10.10 | 218.21 | 6,317.1 | -752.8 | -592.6 | 958.1 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 10.10 | 218.21 | 6,415.5 | -766.5 | -603.4 | 975.7 | 0.00 | 0.00 | 0.00 |
| 6,555.3 | 10.10 | 218.21 | 6,470.0 | -774.2 | -609.4 | 985.4 | 0.00 | 0.00 | 0.00 |

Targets

| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|-----------------|
| C-34-8-16 TGT | 0.00 | 0.00 | 6,470.0 | -774.2 | -609.4 | 7,201,429.81 | 2,031,962.74 | 40° 4' 52.969 N | 110° 6' 2.112 W |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - plan hits target | | | | | | | | | |
| - Circle (radius 75.0) | | | | | | | | | |

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE C-34-8-16
AT SURFACE: SW/SE SECTION 27, T8S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

| | |
|-------------|-----------|
| Uinta | 0 – 1760' |
| Green River | 1760' |
| Wasatch | 6555' |

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1760' – 6555' – Oil

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

| | |
|--|---|
| Location & Sampled Interval | Date Sampled |
| Flow Rate | Temperature |
| Hardness | pH |
| Water Classification (State of Utah) | Dissolved Calcium (Ca) (mg/l) |
| Dissolved Iron (Fe) (ug/l) | Dissolved Sodium (Na) (mg/l) |
| Dissolved Magnesium (Mg) (mg/l) | Dissolved Carbonate (CO ₃) (mg/l) |
| Dissolved Bicarbonate (NaHCO ₃) (mg/l) | Dissolved Chloride (Cl) (mg/l) |
| Dissolved Sulfate (SO ₄) (mg/l) | Dissolved Total Solids (TDS) (mg/l) |

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: Greater Monument Butte C-34-8-16**

| Size | Interval | | Weight | Grade | Coupling | Design Factors | | |
|--------------------------|----------|--------|--------|-------|----------|----------------|----------|---------|
| | Top | Bottom | | | | Burst | Collapse | Tension |
| Surface casing 8-5/8" | 0' | 300' | 24.0 | J-55 | STC | 2,950 | 1,370 | 244,000 |
| | | | | | | 17.53 | 14.35 | 33.89 |
| Prod casing 5-1/2" | 0' | 6,555' | 15.5 | J-55 | LTC | 4,810 | 4,040 | 217,000 |
| | | | | | | 2.31 | 1.94 | 2.14 |

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: Greater Monument Butte C-34-8-16**

| Job | Fill | Description | Sacks | OH Excess* | Weight (ppg) | Yield (ft ³ /sk) |
|---------------------|--------|----------------------------------|-----------------|------------|--------------|-----------------------------|
| | | | ft ³ | | | |
| Surface casing | 300' | Class G w/ 2% CaCl | 138 | 30% | 15.8 | 1.17 |
| | | | 161 | | | |
| Prod casing Lead | 4,555' | Prem Lite II w/ 10% gel + 3% KCl | 315 | 30% | 11.0 | 3.26 |
| | | | 1026 | | | |
| Prod casing Tail | 2,000' | 50/50 Poz w/ 2% gel + 3% KCl | 363 | 30% | 14.3 | 1.24 |
| | | | 451 | | | |

- * Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBDT to cement top. No drill stem testing or coring is planned for this well.

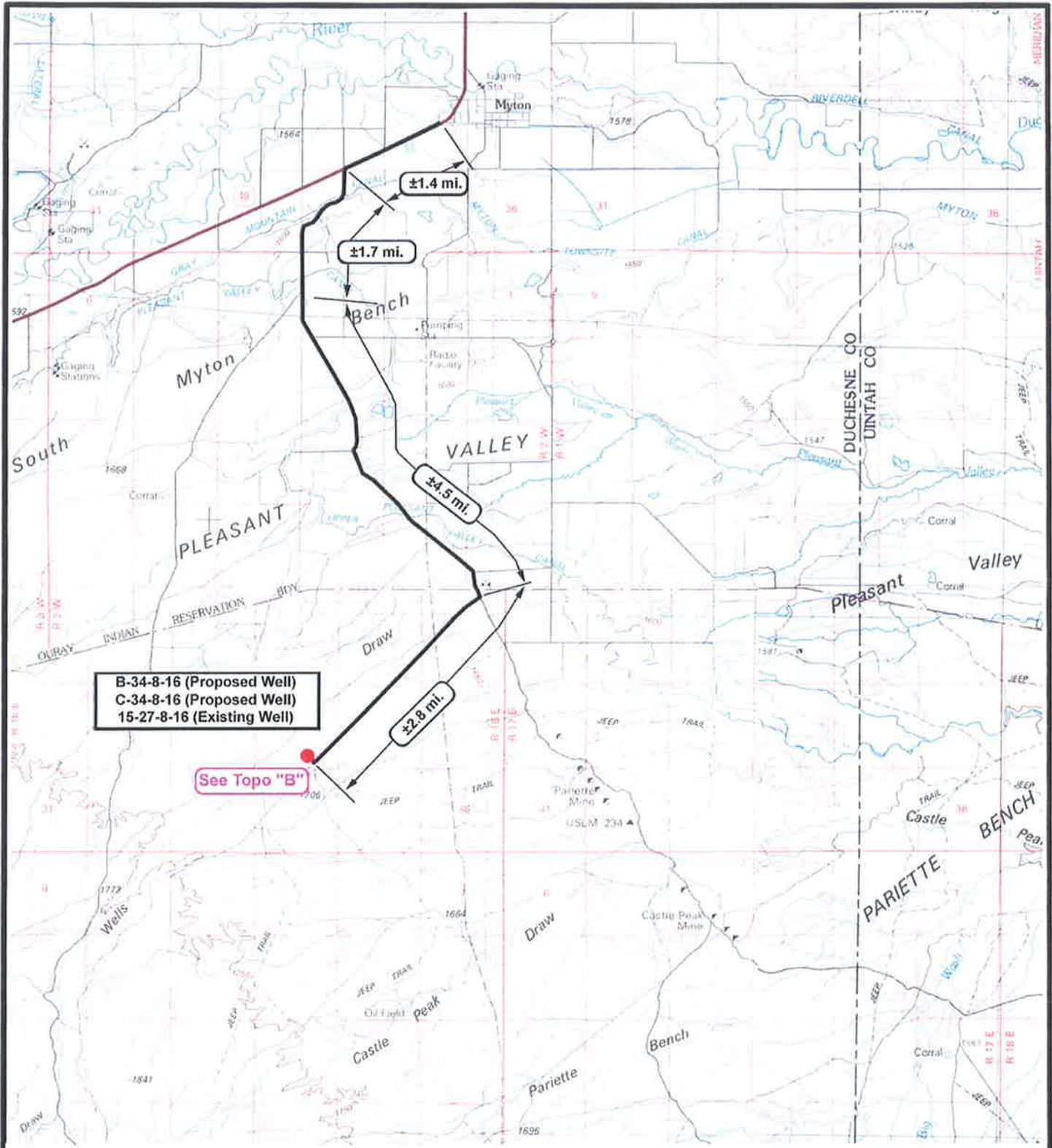
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the second quarter of 2010, and take approximately seven (7) days from spud to rig release.



B-34-8-16 (Proposed Well)
C-34-8-16 (Proposed Well)
15-27-8-16 (Existing Well)

See Topo "B"



NEWFIELD
Exploration Company

B-34-8-16 (Proposed Well)
C-34-8-16 (Proposed Well)
15-27-8-16 (Existing Well)
 Pad Location: SWSE SEC. 27, T8S, R16E, S.L.B.&M.




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 180 North Vernal Ave. Vernal, Utah 84078

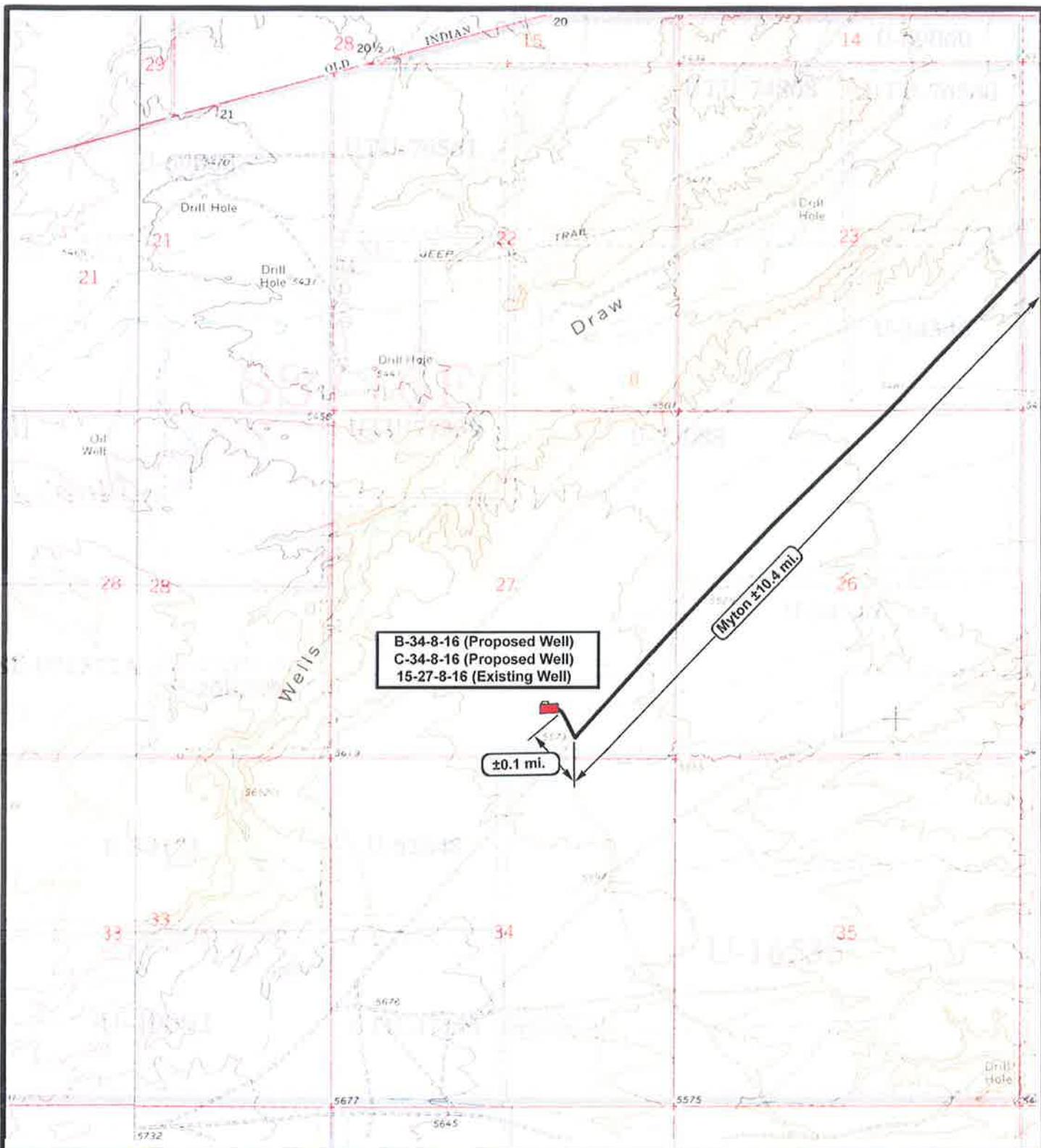
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DRAWN BY: JAS
DATE: 12-21-2009

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



 **NEWFIELD**
Exploration Company

B-34-8-16 (Proposed Well)
C-34-8-16 (Proposed Well)
15-27-8-16 (Existing Well)
 Pad Location: SWSE SEC. 27, T8S, R16E, S.L.B.&M.



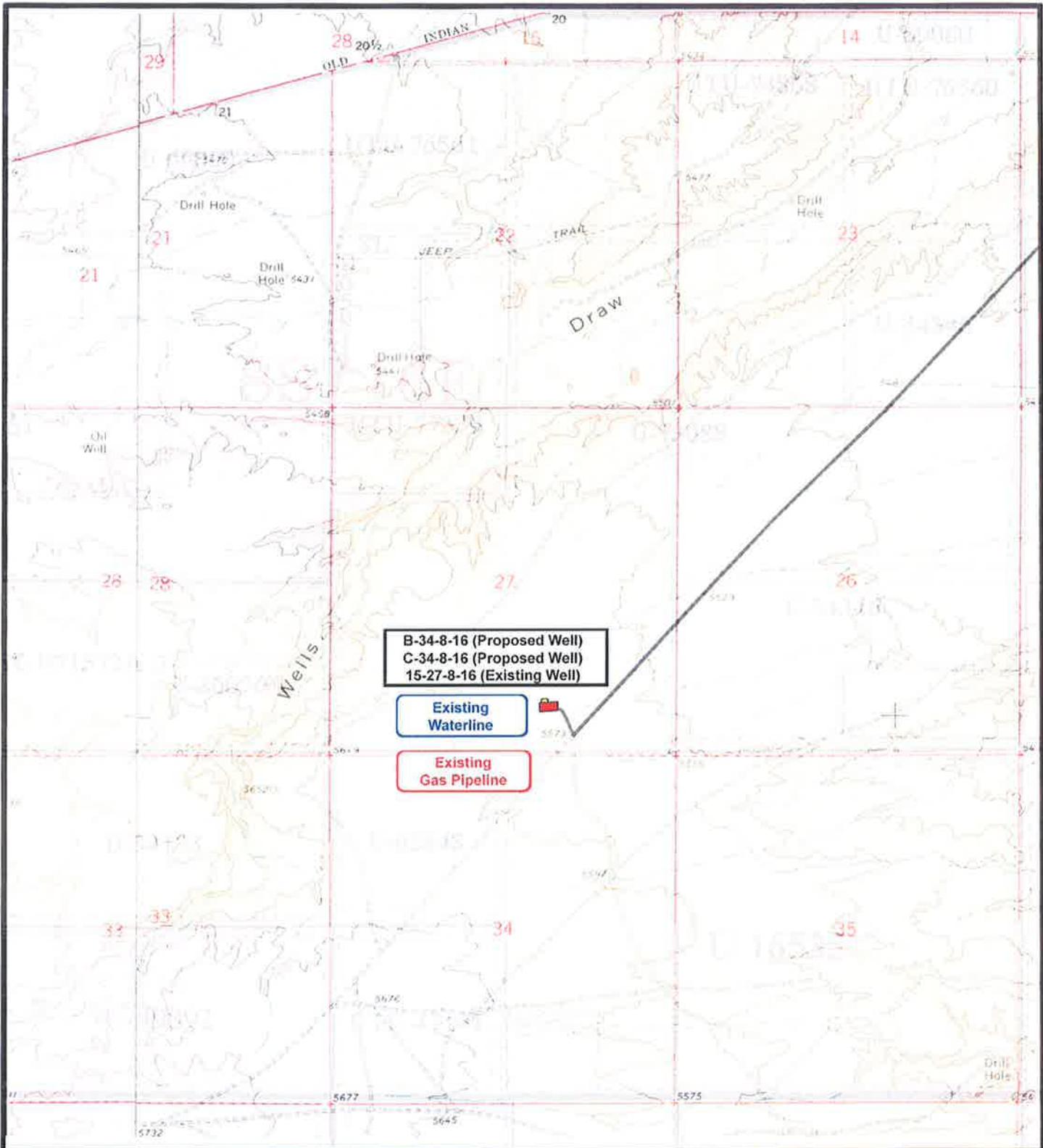
 **Tri-State**
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 12-21-2009

Legend

 Existing Road

TOPOGRAPHIC MAP
"B"





NEWFIELD
 Exploration Company

B-34-8-16 (Proposed Well)
C-34-8-16 (Proposed Well)
15-27-8-16 (Existing Well)
 Pad Location: SWSE SEC. 27, T8S, R16E, S.L.B.&M.




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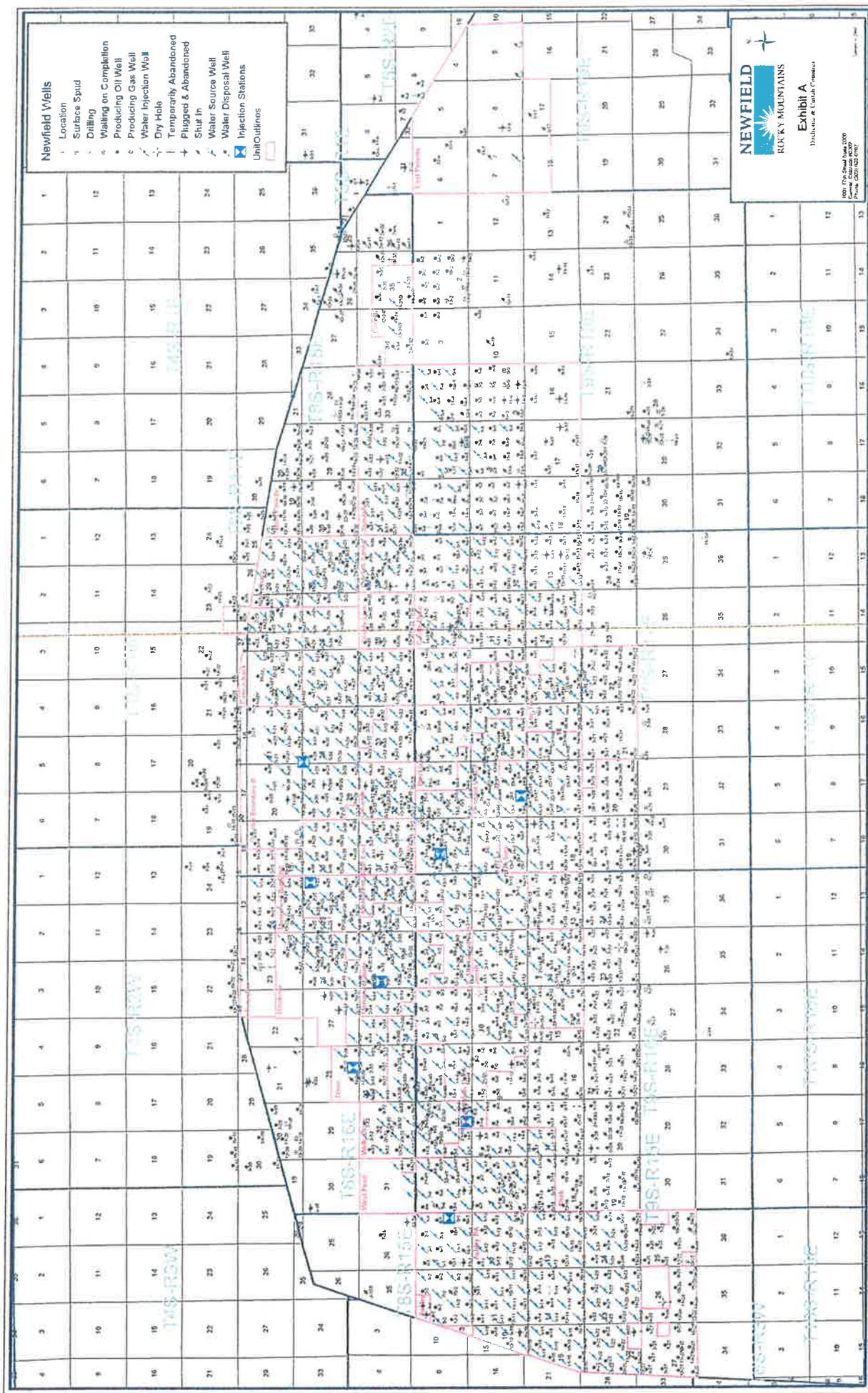
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 12-21-2009

Legend

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP

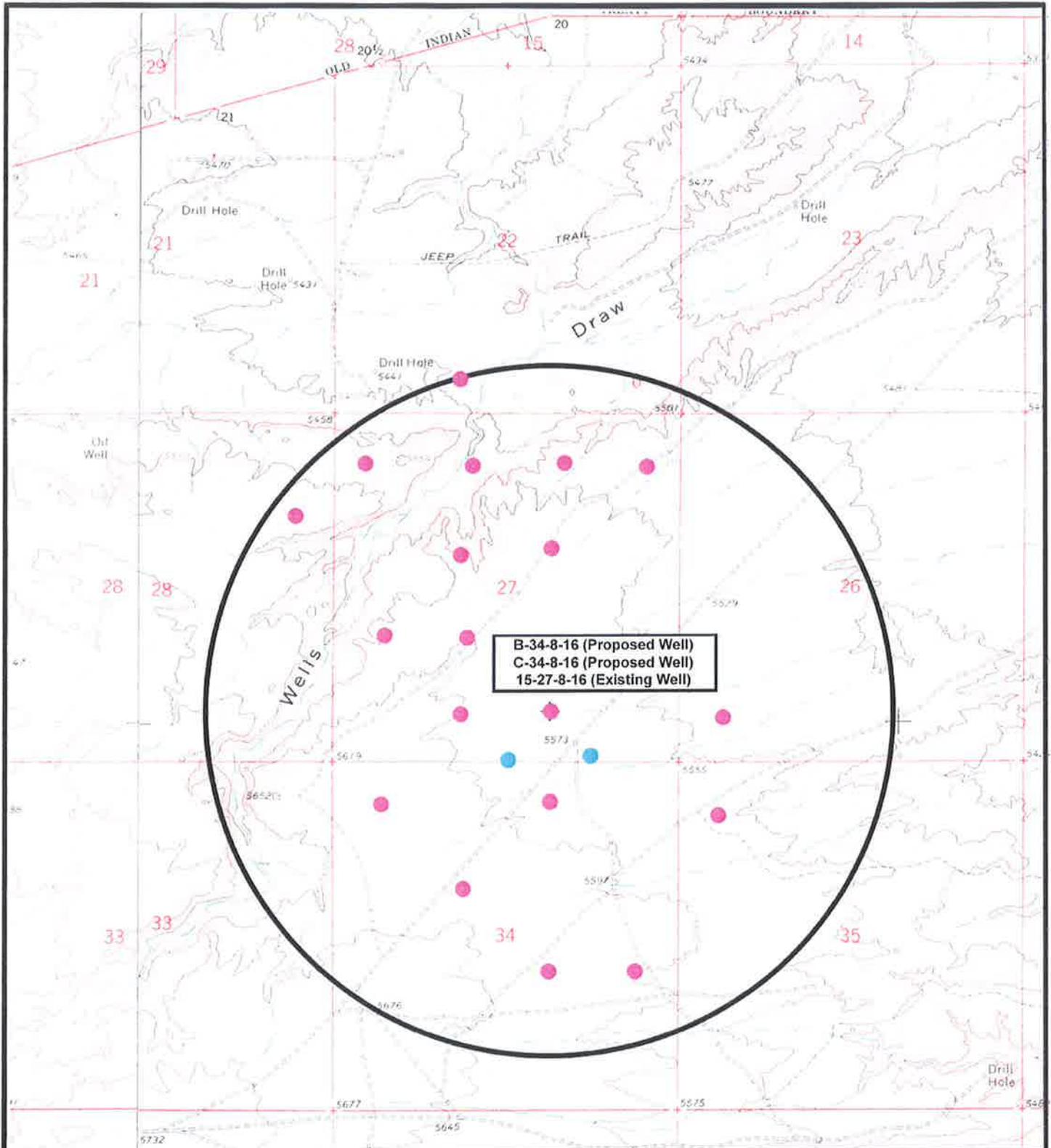
"C"



- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Water Disposal Well
 - Injection Stations
 - Unit Outlines

NEWFIELD
RUCKY MOUNTAINS
Exhibit A
Division of Land Comm. &
Energy

1001 PWS Small Well 2000
Form 2000-02-01-0007




NEWFIELD
Exploration Company

B-34-8-16 (Proposed Well)
 C-34-8-16 (Proposed Well)
 15-27-8-16 (Existing Well)
 Pad Location: SWSE SEC. 27, T8S, R16E, S.L.B.&M.




Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: JAS
 DATE: 12-21-2009

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

**NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE C-34-8-16
AT SURFACE: SW/SE SECTION 27, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Greater Monument Butte C-34-8-16 located in the SW 1/4 SE 1/4 Section 27, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 6.2 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 2.8 miles \pm to it's junction with an existing road to the northwest; proceed northwesterly - 0.1 miles \pm to the access road to the existing 15-27-8-16 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled off of the existing 15-27-8-16 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

There are no existing facilities that will be used by this well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

- b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** – Bureau of Land Management.

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

- a) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- b) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #09-158, 9/23/09. Paleontological Resource Survey prepared by, Wade E. Miller, 10/1/09. See attached report cover pages, Exhibit "D".

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Greater Monument Butte C-34-8-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Greater Monument Butte C-34-8-16, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #C-34-8-16, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

1/11/10
Date

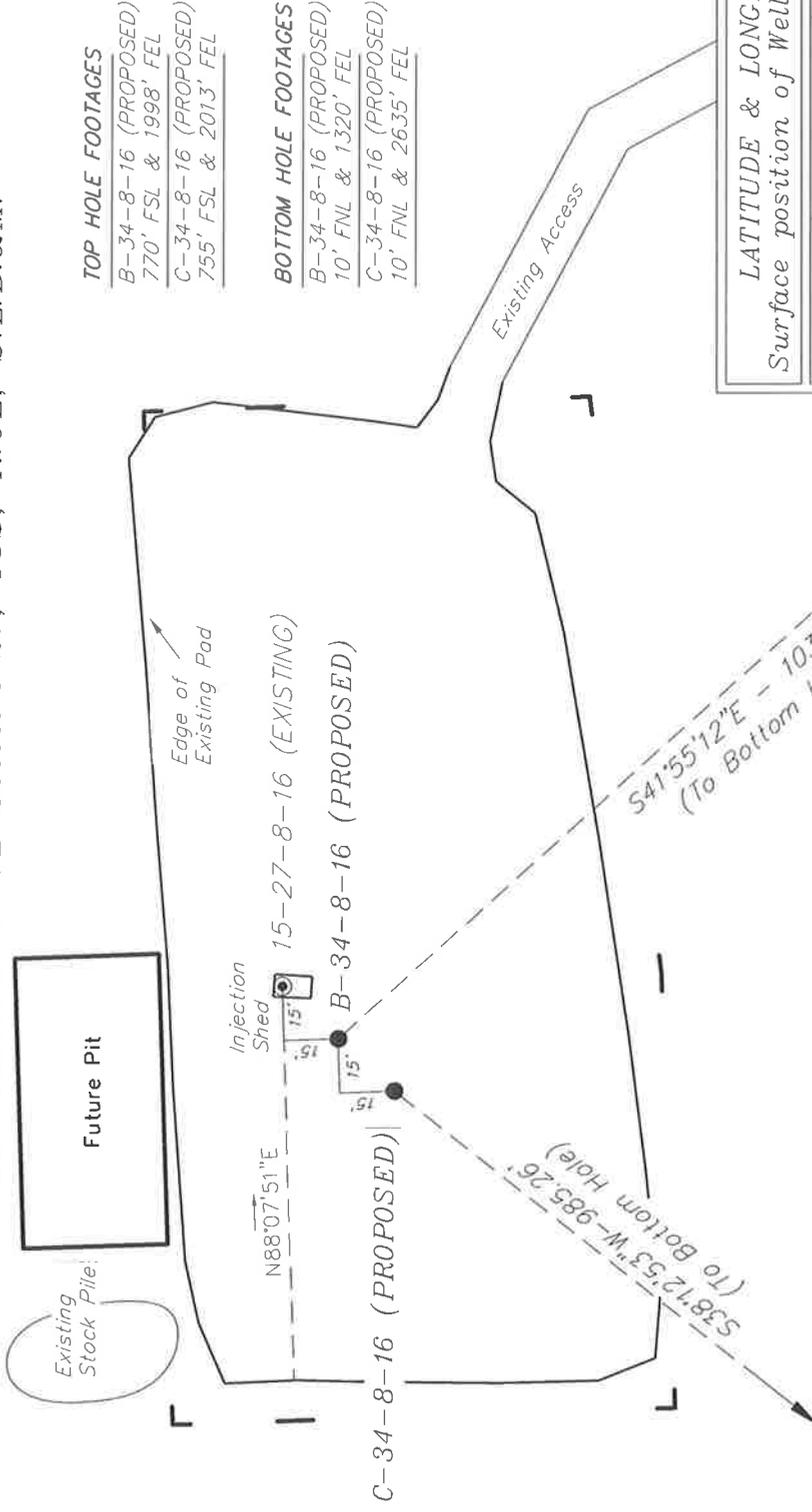
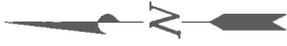

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

- B-34-8-16 (Proposed Well)
- C-34-8-16 (Proposed Well)
- 15-27-8-16 (Existing Well)

Pad Location: SWSE Section 27, T8S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

- B-34-8-16 (PROPOSED)
770' FSL & 1998' FEL
- C-34-8-16 (PROPOSED)
755' FSL & 2013' FEL

BOTTOM HOLE FOOTAGES

- B-34-8-16 (PROPOSED)
10' FNL & 1,320' FEL
- C-34-8-16 (PROPOSED)
10' FNL & 2,635' FEL

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

| WELL | LATITUDE | LONGITUDE |
|------------|----------------|-----------------|
| 15-27-8-16 | 40° 05' 01.67" | 110° 06' 11.47" |
| B-34-8-16 | 40° 05' 01.52" | 110° 06' 11.66" |
| C-34-8-16 | 40° 05' 01.37" | 110° 06' 11.85" |

RELATIVE COORDINATES
From top hole to bottom hole

| WELL | NORTH | EAST |
|-----------|-------|-------|
| B-34-8-16 | -769' | 691' |
| C-34-8-16 | -774' | -609' |

Note:
Bearings are based on GLO Information.

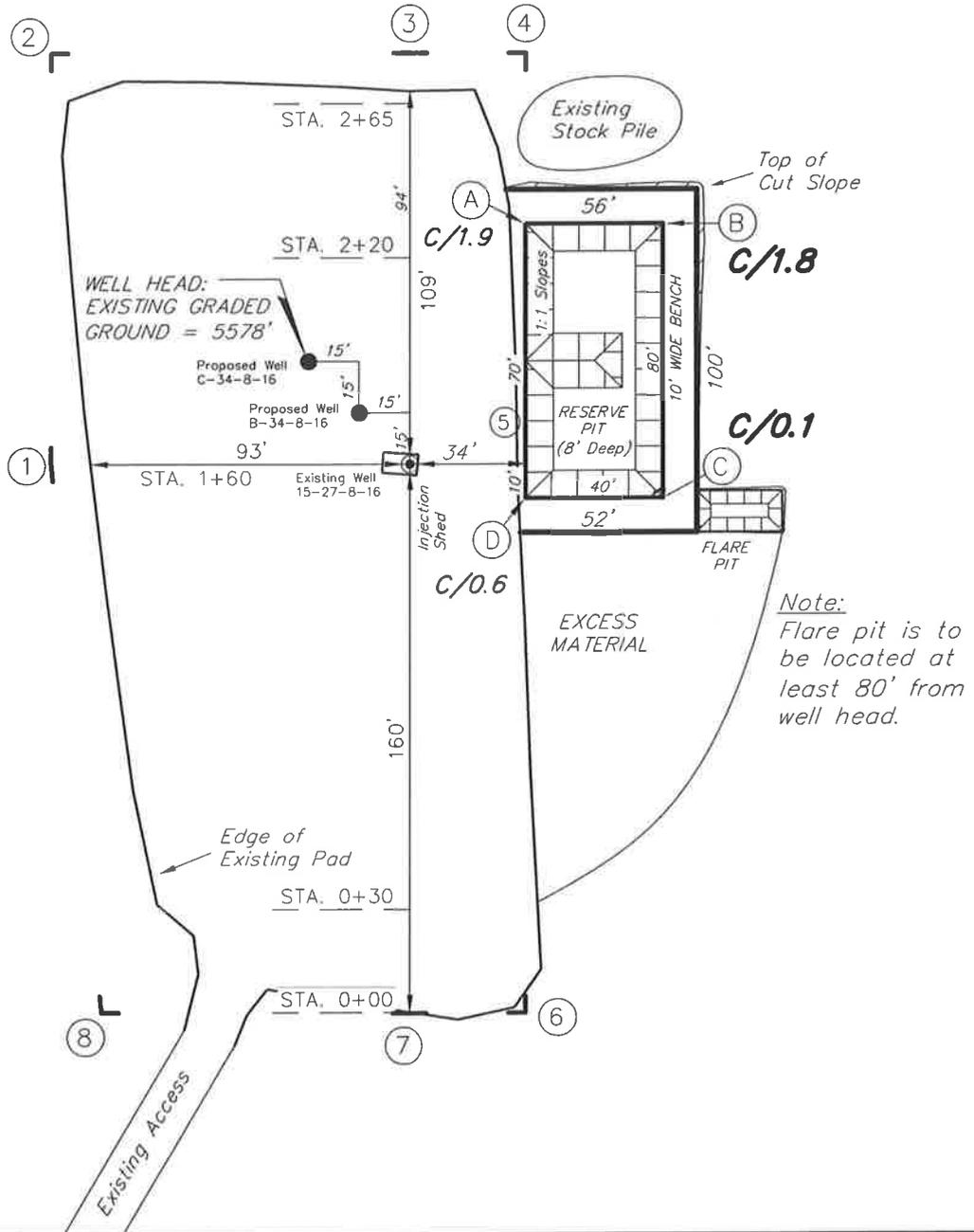
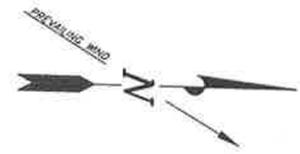
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|-------------------|--------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 08-05-09 |
| DRAWN BY: F.T.M. | DATE DRAWN: 08-06-09 |
| SCALE: 1" = 50' | REVISED: M.W. - 12-22-09 |

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

B-34-8-16 (Proposed Well)
C-34-8-16 (Proposed Well)
15-27-8-16 (Existing Well)

Pad Location: SWSE Section 27, T8S, R16E, S.L.B.&M.



| | |
|-------------------|--------------------------|
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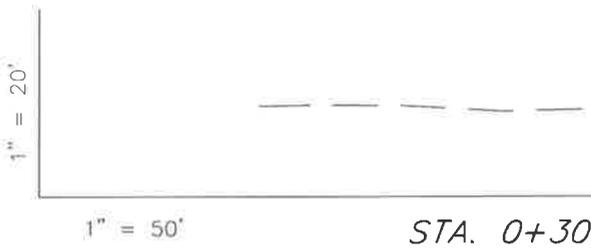
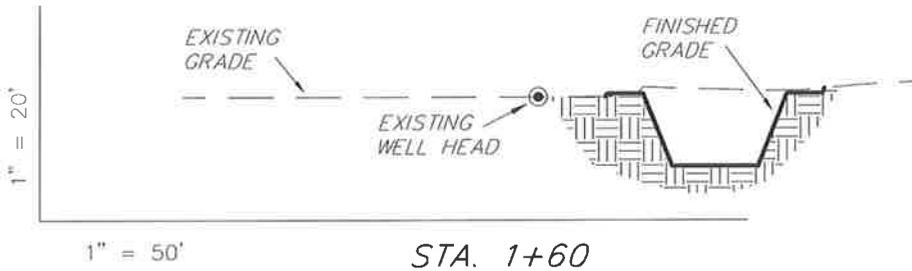
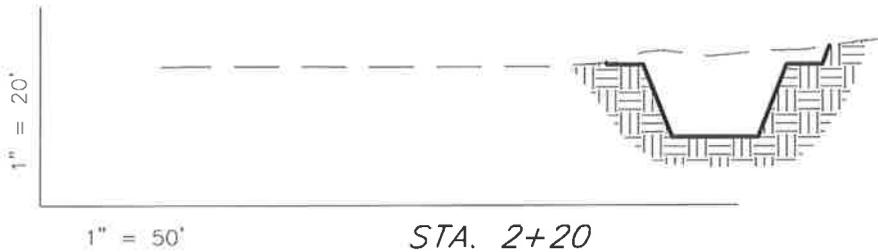
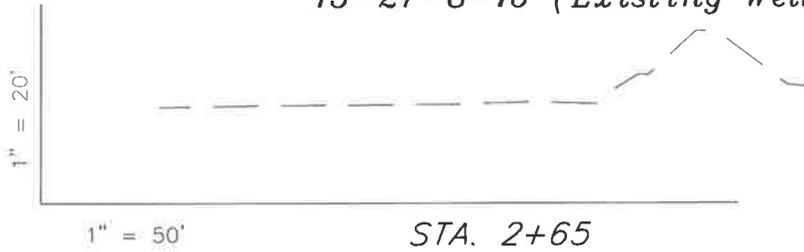
NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

B-34-8-16 (Proposed Well)

C-34-8-16 (Proposed Well)

15-27-8-16 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

| ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards) | | | | |
|---|-----|------|--|--------|
| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
| PAD | 60 | 10 | Topsoil is not included in Pad Cut | 50 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 700 | 10 | 120 | 690 |

| | |
|-------------------|--------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 08-05-09 |
| DRAWN BY: F.T.M. | DATE DRAWN: 08-06-09 |
| SCALE: 1" = 50' | REVISED: M.W. - 12-22-09 |

Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

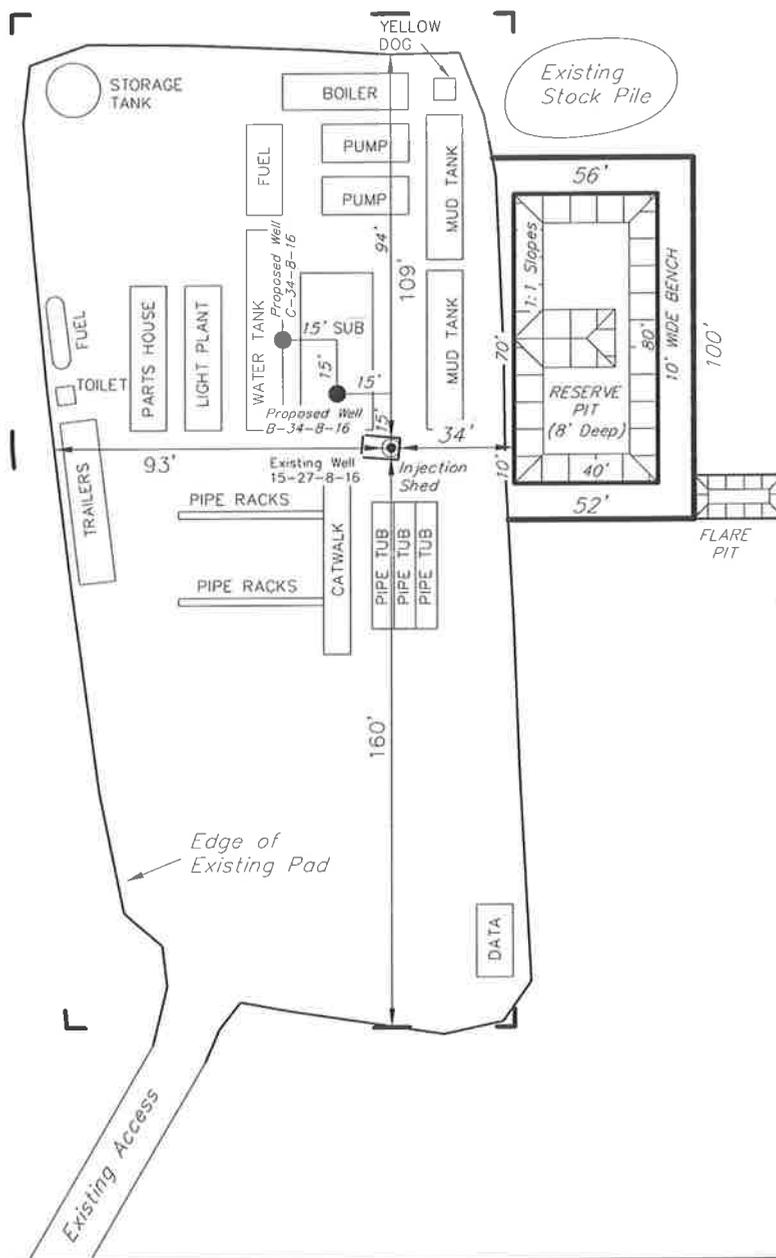
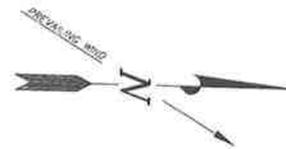
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

B-34-8-16 (Proposed Well)

C-34-8-16 (Proposed Well)

15-27-8-16 (Existing Well)



Note:
Flare pit is to be located at least 80' from well head.

| | |
|-------------------|--------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 08-05-09 |
| DRAWN BY: F.T.M. | DATE DRAWN: 08-06-09 |
| SCALE: 1" = 50' | REVISED: M.W. - 12-22-09 |

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

Greater Monument Butte C-34-8-16

From the 15-27-8-16 Location

SW/SE Sec. 27 T8S, R16E

Duchesne County, Utah

UTU-62848

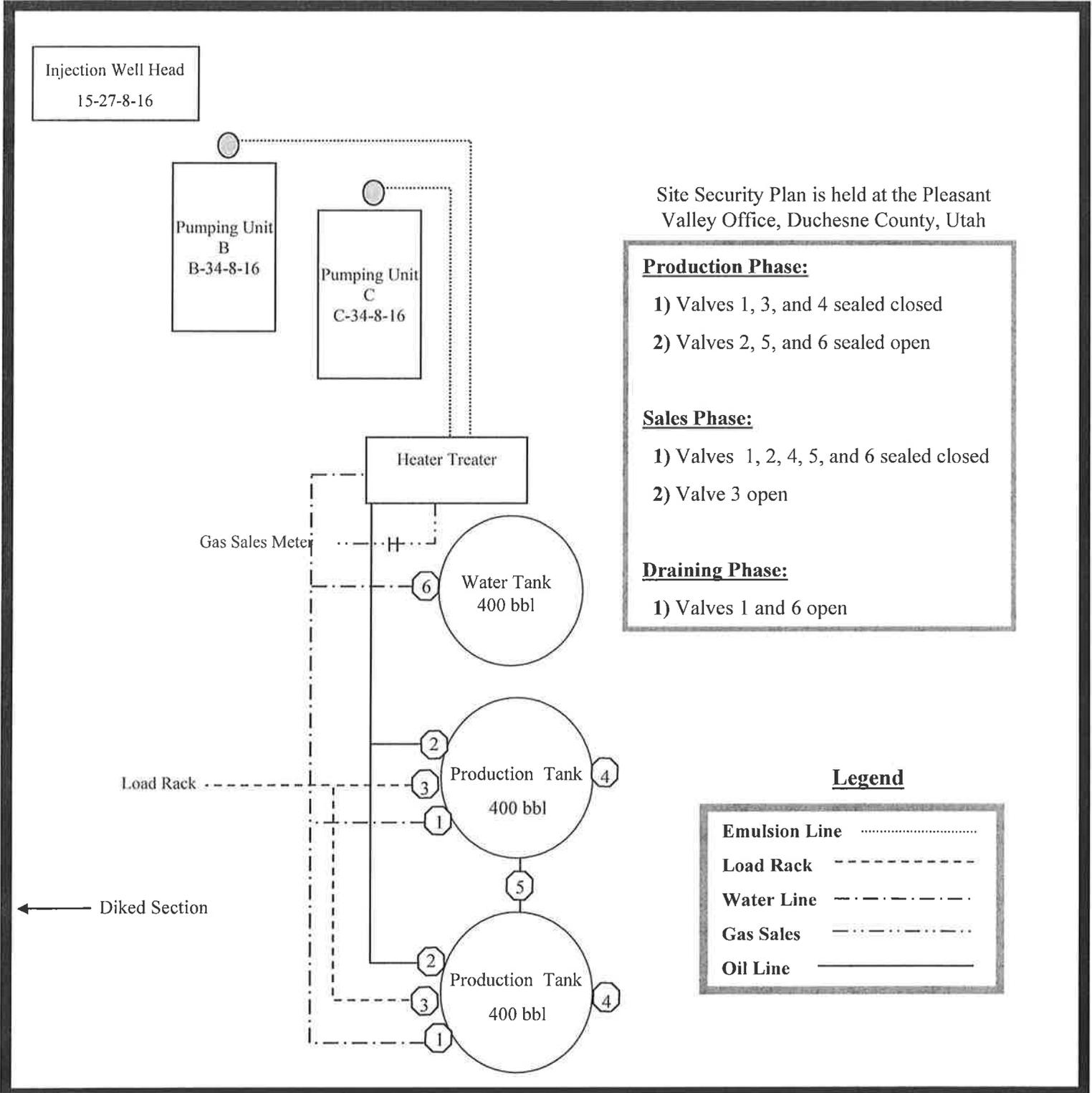


Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S PROPOSED HAWKEYE
0-26-8-16, TRAVIS B-34-8-16, TRAVIS C-34-8-16
MONUMENT BUTTE H-34-8-16, MONUMENT BUTTE M-34-8-16
AND JONAH UNIT S-11-9-16 DIRECTIONAL WELL
LOCATIONS, DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 09-158

September 23, 2009

United States Department of Interior (FLPMA)
Permit No. 09-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-09-MQ-0589b

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
AND PROPOSED PIPELINE ROUTES
DUCHESNE & Uintah COUNTIES, UTAH**

Site Surveys of Proposed Wells

NE 1/4, NE 1/4, Sec. 25, (1-25-8-16), SE 1/4, NE 1/4, Sec. 24, (D-25-8-16), SW 1/4, SW 1/4, Sec. 24, (E-25-8-16 & P-24-8-16), SE 1/4, SW 1/4, Sec. 34, (Q-34-8-16), NW 1/4, SE 1/4, Sec. 34, (L-34-8-16 & S-34-8-16), NW 1/4, SW 1/4, Sec. 35, (T-34-8-16), NE 1/4, SW 1/4, Sec. 35, (R-35-8-16), SE 1/4, SE 1/4 Sec. 26, (S-26-8-16), NW 1/4, SW 1/4, Sec. 26, (~~N-26-8-16~~), SE 1/4, NE 1/4, Sec. 26, (O-25-8-16), SE 1/4, NE 1/4, Sec. 25, (J-25-8-16), NE 1/4, SE 1/4, Sec. 27 (S-27-8-16), SE 1/4, SW 1/4, Sec. 36, (C-1-9-16), SW 1/4, SE 1/4, Sec. 36, (B-1-9-16 & R-36-8-16), SE 1/4, SE 1/4, Sec. 36, (T-36-8-16, A-1-9-16 & K-36-8-16), SW 1/4, NW 1/4, Sec. 26, (O-26-8-16), SW 1/4, NE 1/4, Sec. 34, (H-34-8-16 & M-34-8-16), SW 1/4, SE 1/4, Sec. 27, (B-34-8-16 & C-34-8-16), T 8 S, R 16 E; NE 1/4, SW 1/4, Sec. 1, (M-1-9-16), NW 1/4, SE 1/4, Sec. 11, (S-11-9-16), T 9 S, R 16 E.

Proposed Pipeline Surveys

SW 1/4, SW 1/4, Sec. 8, T 9 S, R 17 E (14-8-9-17); NW 1/4, SW 1/4, Sec. 7 to SW 1/4, NW 1/4, Sec. 20, T 9 S, R 16 E (12-7-9-16 to 5-20-9-16); SE 1/4, NE 1/4 (8-31-8-18); NW 1/4, SE 1/4 (10-31-8-18); NW 1/4, SE 1/4, to SW 1/4, NE 1/4 (32-29-8-18);

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

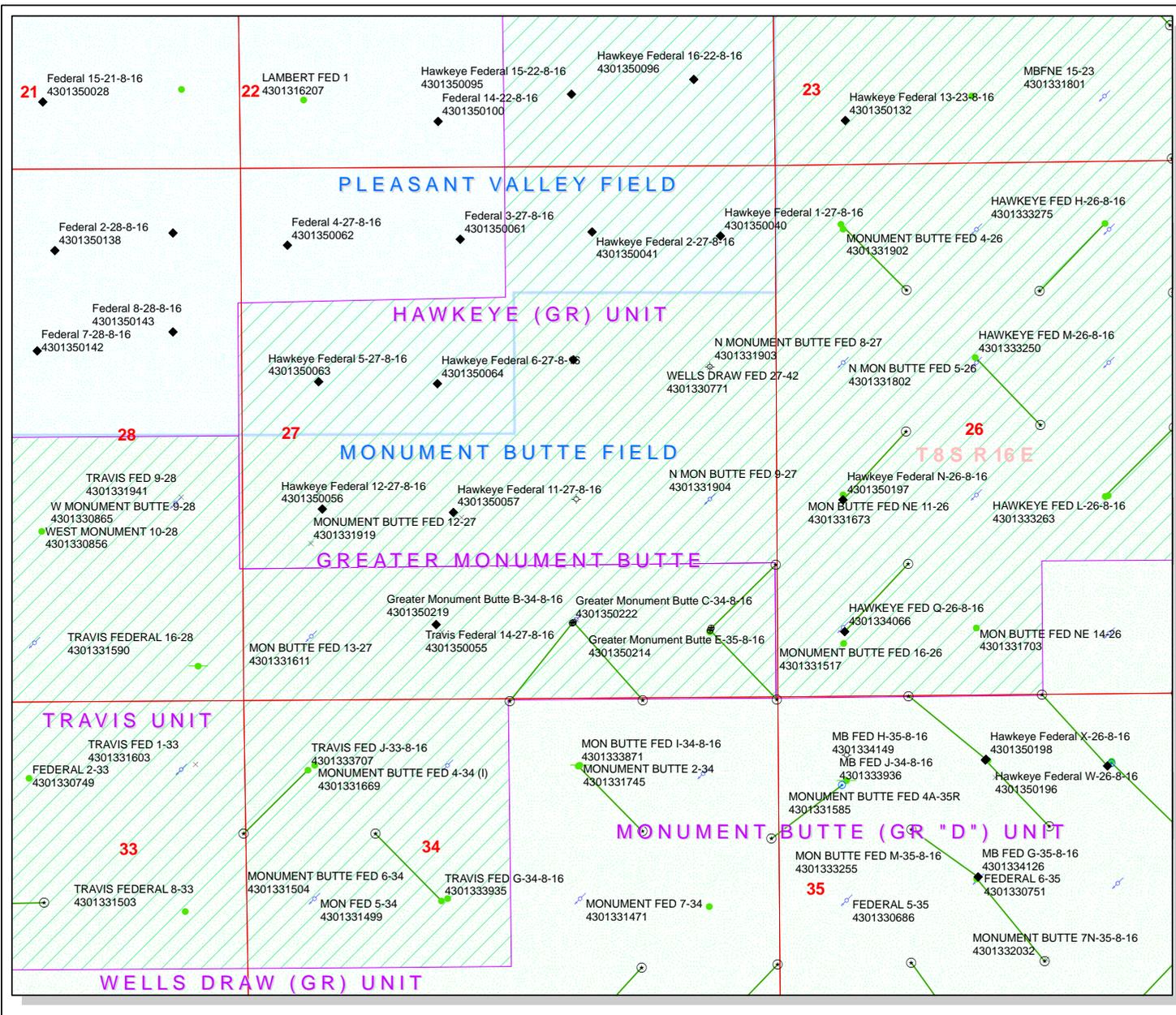
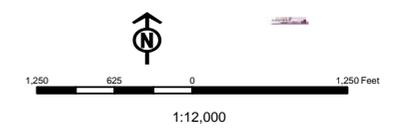
Prepared by:

Wade E. Miller
Consulting Paleontologist
October 1, 2009

API Number: 4301350222
Well Name: Greater Monument Butte C-34-8-16
Township 08.0 S Range 16.0 E Section 27
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

| | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | Status |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERMAL | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| Fields | SGW - Shut-in Gas Well |
| Unknown | SOW - Shut-in Oil Well |
| ABANDONED | TA - Temp. Abandoned |
| ACTIVE | TW - Test Well |
| COMBINED | WDW - Water Disposal |
| INACTIVE | WWI - Water Injection Well |
| STORAGE | WSW - Water Supply Well |
| TERMINATED | |
| Sections | |
| Township | |





January 12, 2010

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

2287

RE: Directional Drilling
Greater Monument Butte C-34-8-16
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R16E Section 27: SWSE (UTU-62848)
755' FSL 2013' FEL

At Target: T8S-R16E Section 34: NWNE (UTU-16535)
10' FNL ~~1635'~~ FEL

2

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 1/11/10, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield Certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at gillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in blue ink that reads "Shane Gillespie".

Shane Gillespie
Land Associate

RECEIVED
JAN 19 2010
DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

January 25, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2010 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2010 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

| API# | WELL NAME | LOCATION |
|---------------------------|----------------|--|
| (Proposed PZ GREEN RIVER) | | |
| 43-013-50213 | GMBU P-26-8-16 | Sec 27 T08S R16E 0697 FSL 0635 FEL BHL Sec 26 T08S R16E 1325 FSL 0010 FWL |
| 43-013-50214 | GMBU E-35-8-16 | Sec 27 T08S R16E 0679 FSL 0646 FEL BHL Sec 35 T08S R16E 0010 FNL 0010 FWL |
| 43-013-50215 | GMBU C-3-9-16 | Sec 34 T08S R16E 0636 FSL 2008 FEL BHL Sec 03 T09S R16E 0010 FNL 2630 FWL |
| 43-013-50216 | GMBU R-34-8-16 | Sec 34 T08S R16E 0651 FSL 1994 FEL BHL Sec 34 T08S R16E 1325 FSL 2580 FWL |
| 43-013-50217 | GMBU D-36-8-16 | Sec 25 T08S R16E 0644 FSL 0647 FWL BHL Sec 36 T08S R16E 0010 FNL 1320 FWL |
| 43-013-50218 | GMBU E-36-8-16 | Sec 25 T08S R16E 0627 FSL 0635 FWL BHL Sec 36 T08S R16E 0010 FNL 0010 FWL |
| 43-013-50219 | GMBU B-34-8-16 | Sec 27 T08S R16E 0770 FSL 1998 FEL BHL Sec 34 T08S R16E 0010 FNL 1320 FEL |

| API # | WELL NAME | LOCATION |
|---------------------------|----------------|--|
| (Proposed PZ GREEN RIVER) | | |
| 43-013-50220 | GMBU T-34-8-16 | Sec 35 T08S R16E 1804 FSL 0751 FWL BHL Sec 34 T08S R16E 1245 FSL 0010 FEL |
| 43-013-50222 | GMBU C-34-8-16 | Sec 27 T08S R16E 0755 FSL 2013 FEL BHL Sec 34 T08S R16E 0010 FNL 2635 FEL |

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:1-25-10

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/19/2010

API NO. ASSIGNED: 43013502220000

WELL NAME: Greater Monument Butte C-34-8-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWSE 27 080S 160E

Permit Tech Review:

SURFACE: 0755 FSL 2013 FEL

Engineering Review:

BOTTOM: 0010 FNL 2635 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.08370

LONGITUDE: -110.10255

UTM SURF EASTINGS: 576515.00

NORTHINGS: 4437223.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-62848

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - WYB000493
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-7478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

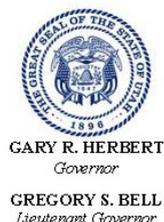
Commingling Approved

LOCATION AND SITING:

- R649-2-3.
Unit: GMBU (GRRV)
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
Board Cause No: Cause 213-11
Effective Date: 11/30/2009
Siting: Suspends General Siting
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:
1 - Exception Location - dmason
4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill



State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Greater Monument Butte C-34-8-16
API Well Number: 43013502220000
Lease Number: UTU-62848
Surface Owner: FEDERAL
Approval Date: 1/26/2010

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

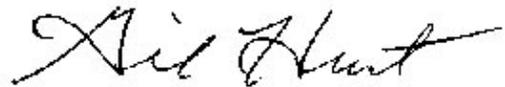
- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
- OR
- submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



Gil Hunt
Associate Director, Oil & Gas

RECEIVED

JAN 13 2010

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | |
|--|--|--|
| 1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-62848 |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name NA |
| 2. Name of Operator Newfield Production Company | | 7. If Unit or CA Agreement, Name and No. Greater Monument Butte |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | | 8. Lease Name and Well No. Greater Monument Butte C-34-8-16 |
| 3b. Phone No. (include area code) (435) 646-3721 | | 9. API Well No. 43 013 50222 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SE 755' FSL 2013' FEL Sec. 27, T8S R16E (UTU-62848) At proposed prod. zone NW/NE 10' FNL 2635' FEL Sec. 34, T8S R16E (UTU-16535) | | 10. Field and Pool, or Exploratory Monument Butte |
| 11. Sec., T. R. M. or Blk. and Survey or Area Sec. 27, T8S R16E | | 12. County or Parish Duchesne |
| 14. Distance in miles and direction from nearest town or post office* Approximately 10.5 miles southwest of Myton, UT | | 13. State UT |
| 15. Distance from proposed* location to nearest property or lease line, ft. Approx. 10' f/lease, NA' f/unit (Also to nearest drig. unit line, if any) | 16. No. of acres in lease 320.00 | 17. Spacing Unit dedicated to this well 20 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1447' | 19. Proposed Depth 6,555' | 20. BLM/BIA Bond No. on file WYB000493 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5578' GL | 22. Approximate date work will start* 2nd Qtr. 2010 | 23. Estimated duration (7) days from SPUD to rig release |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

| | | |
|---------------|--|-----------------|
| 25. Signature | Name (Printed/Typed) Mandie Crozier | Date 1/13/10 |
|---------------|--|-----------------|

| | | |
|--------------------------------|--|--|
| Title Regulatory Specialist | | |
|--------------------------------|--|--|

| | | |
|-------------------------|--|---------------------|
| Approved by (Signature) | Name (Printed/Typed) James H. Sparger | Date OCT 08 2010 |
|-------------------------|--|---------------------|

| | |
|--|-------------------------------|
| Title Acting Assistant Field Manager Lands & Mineral Resources | Office VERNAL FIELD OFFICE |
|--|-------------------------------|

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

RECEIVED

NOV 01 2010

UDOGM

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4401



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

| | | | |
|----------|---------------------------------|------------|--|
| Company: | Newfield Production Company | Location: | SWSE, Sec. 27, T8S, R16E (S) NWNE, Sec. 34, T8S, R16E (B) |
| Well No: | Greater Monument ButteC-34-8-16 | Lease No: | UTU-62848 |
| API No: | 43-013-50222 | Agreement: | Greater Monument Butte Unit |

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

| | | |
|---|---|--|
| Location Construction (Notify Environmental Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - | Prior to moving on the drilling rig. |
| Spud Notice (Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov . |
| BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

STIPULATIONS / CONDITIONS OF APPROVAL

Company/Operator: Newfield Production Company
Well Name & Number: Greater Monument Butte B-34-8-16, Greater Monument Butte C-34-8-16, and Greater Monument Butte Q-34-8-16
Surface Ownership: BLM
Lease Number: UTU-62848, UTU-47171
Onsite Date: 11/3/2009
Location: SW/SE Sec. 27, T8S R16E; SE/SW Sec. 34, T8S R16E
Date APD Received: 1/13/2010, 3/15/2010

CONDITIONS OF APPROVAL:

- Construction and drilling is not allowed from May 1st – June 15th to minimize impacts during Mountain plover nesting.
- Construction and drilling is not allowed from March 1 – August 15 to minimize impacts during burrowing owl nesting.
- If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted by the BLM biologist.
- Prior to construction, an invasive plants/noxious weeds inventory will be completed for all areas where surface disturbance will occur, and a completed Weed Inventory Form will be submitted to the BLM Authorized Officer.

Reclamation

- Reclamation will be completed in accordance with the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM.

Seed Mix (Interim and Final Reclamation)

| Common name | Latin name | lbs/acre | Recommended seed planting depth |
|-------------------------|-------------------------------|----------|---------------------------------|
| Squirreltail grass | <i>Elymus elymoides</i> | 3.0 | ¼ - ½" |
| Needle and thread grass | <i>Hesperostipa comata</i> | 3.0 | ½" |
| Idaho fescue | <i>Festuca idahoensis</i> | 2.0 | ¼ - ½" |
| Shadscale saltbush | <i>Atriplex confertifolia</i> | 3.0 | ½" |
| Four-wing saltbush | <i>Atriplex canescens</i> | 3.0 | ½" |
| Gardner's saltbush | <i>Atriplex gardneri</i> | 2.0 | ½" |
| Blue flax (Lewis flax) | <i>Linum lewisii</i> | 2.0 | ⅛ - ¼" |

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.

Monitoring and Reporting

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) three (3) growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

***DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008)) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

BLM - Vernal Field Office - ^{Spud} Notification Form

Operator Newfield Exploration Rig Name/# Ross # 29 Submitted
By Ryan Crum Phone Number 823-7065
Well Name/Number GMB C-34-8-16
Qtr/Qtr SW/SE Section 27 Township 8s Range 16e
Lease Serial Number UTU-62848
API Number 43-013-50222

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 12/15/10 4:00 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 12/16/10 10:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks _____

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|--|--------------------|----------------|------------|--------------------------------|---------------|----------|----|-----|----------|------------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 17400 | 4301350222 | GREATER MON BUTTE C-34-8-16 | SWSE | 27 34 | 8S | 16E | DUCHESNE | 12/15/2010 | 12/30/10 |
| WELL 1 COMMENTS: GRRV BHL = See 34 NUNE | | | | | | | | | | | |
| B | 99999 | 17400 | 4301350219 | GREATER MON BUTTE B-34-8-16 | SWSE | 27 34 | 86 | 16E | DUCHESNE | 12/15/2010 | 12/30/10 |
| GRRV BHL = See 34 NENE | | | | | | | | | | | |
| A | 99999 | 17908 | 4301350423 | HANCOCK 8-13-4-2W | SENE | 13 | 4S | 2W | DUCHESNE | 12/15/2010 | 12/30/10 |
| GRRV | | | | | | | | | | | |
| A | 99999 | 17909 | 4301350353 | UTE TRIBAL 6-7-4-2W | SENW | 7 | 4S | 2W | DUCHESNE | 12/18/2010 | 12/30/10 |
| GRRV | | | | | | | | | | | |
| E | 17797 | 17797 | 4301350078 | UTE TRIBAL 3-28-4-2 | NENW | 28 | 4S | 2W | DUCHESNE | 9/18/2010 | 11/4/10 |
| CHANGE FORMATION F/ GRRV TO GRWS | | | | | | | | | | | |
| E | 17697 | 17697 | 4301350272 | UTE TRIBAL 14-20-4-1 | SESW | 20 | 4S | 1W | DUCHESNE | 7/2/2010 | 8/27/10 |
| CHANGE FORMATION F/ GRRV TO GRWS | | | | | | | | | | | |
| 12/30/10 | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)
 A - new entity for new well (single well only)
 B - well to existing entity (group or unit well)
 C - from one existing entity to another existing entity
 D - well from one existing entity to a new entity
 E - other (explain in comments section)

RECEIVED
 DEC 21 2010

Signature Jentri Park
 Production Clerk Jentri Park 12/21/10

NOTE: Use COMMENT section to explain why each Action Code was selected.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-62848

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MON BUTTE C-34-8-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301350222

3. ADDRESS OF OPERATOR: PHONE NUMBER
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

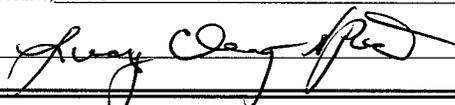
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: 27
, 34, T8S, R16E

STATE: UT

II. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>02/16/2011</u> | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARITLY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Weekly Status Report |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 02-16-11, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 02/18/2011

(This space for State use only)

RECEIVED
FEB 23 2011
DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****MON BUTTE C-34-8-16****12/1/2010 To 4/28/2011****1/28/2011 Day: 1****Completion**

Rigless on 1/28/2011 - Test casing to 4500 psi. CBL/Perferate 1st stage. - RU frac head & Cameron BOP's. RU hot oiler & test casing, frac head w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 6556' w/ cement top @ 112'. RIH w/ 3-1/8" Port Guns & perforate CP5/4 sds w/ 3 spf for total of 30 shots. SIFN w/ 156 bbls EWTR.

Daily Cost: \$0**Cumulative Cost:** \$16,827**2/2/2011 Day: 2****Completion**

Rigless on 2/2/2011 - Frac first three stages & perforate stage four - Frac first three stages & perforate stage four.

Daily Cost: \$0**Cumulative Cost:** \$17,127**2/4/2011 Day: 3****Completion**

WWS #3 on 2/4/2011 - Attempted to break down 3rd stage perforations. Ran into hole with a dump bailer filled with HCl acid, flowed well back, and attempted to break down 3rd stage perforations. Unable to break down perforations. SWIFN. - Rig up BJ Services and PSI Wireline. Thaw out wellhead and attempt to break down 3rd stage perforations. Perforations would not break. Surge back well and run into hole with a dump bailer filled with HCl acid. Tagged sand above 3rd stage perforations. Flow back well for 1 hour and recover ~ 150 bbls of fluid. Attempted to break down 3rd stage perforations but failed. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$36,992**2/7/2011 Day: 4****Completion**

WWS #3 on 2/7/2011 - MIRU WWS #3. Thawed out wellhead and bled off well. Nipped up Cameron BOPs and Washington Head. Rigged up work floor and tubing equipment. Ran in hole with 41 joints of tubing as well was flowing to place EOT at 1277'. SWIFN. - Crew travel and safety meeting. Wait on Extreme Wireline to set kill plug on the B-34-8-16. Thaw out wellhead. Shut in casing pressure at 540 psi. Bleed down well, move in rig, and rig up at 3:00 pm. Nipple up Cameron BOPs and Washington Head. Rig up work floor and tubing equipment. Run in hole with 41 joints of tubing as well was flowing to place EOT at 1277'. SWIFN at 5:30 pm. Gained at total of 105 bbls.

Daily Cost: \$0**Cumulative Cost:** \$86,768**2/8/2011 Day: 6****Completion**

WWS #3 on 2/8/2011 - Screened out 4th stage with BJ Services. Flowed well back at approximately 2 bpm for 2 hours. Rigged up PSI, set solid plug at 5330', and perforated 5th

stage. Lost perforation tools on trip out of hole. Tripped into hole with RBS fishing tools. - Crew travel and safety meeting. Rig up PSI Wireline and wait on BJ frac crew. Rig up frac crew and frac 4th stage as shown in stimulation report. Screened out 4th stage. Sent BJ Frac crew home and opened well up for immediate flowback at approximately 2 bpm for 2 hours. Recovered 200 bbls. Rig up PSI wireline, set solid plug at 5330' and perforate 5th stage as shown in perforation report. Lost wireline tools on trip out of hole. Wait on RBS for fishing tools. Run in hole with 95 joints of tubing and fishing tools to place end of tubing at 2988'. Circulate well clean and SWIFN. - Crew travel and safety meeting on working on rig floor 10' off ground. Thaw out wellhead. Pressure on tubing at 500 psi and pressure on casing at 500 psi. Pump 30 bbls of water down tubing with hot oiler to clean out oil. Run in hole, tag fill at 4696', and clean out 143' of sand bridge to 4839'. Circulate well clean, run into hole, and tag fill at 5462'. Clean out 63' of fill to 5525' and circulate well clean. Trip out of hole with tubing, rig down work floor, and nipple down Cameron pipe rams. Drain pump, pour 15 gallons of diesel down well, and SWIFN at 4:30 pm. - Crew travel and safety meeting on working on rig floor 10' off ground. Thaw out wellhead. Pressure on tubing at 500 psi and pressure on casing at 500 psi. Pump 30 bbls of water down tubing with hot oiler to clean out oil. Run in hole, tag fill at 4696', and clean out 143' of sand bridge to 4839'. Circulate well clean, run into hole, and tag fill at 5462'. Clean out 63' of fill to 5525' and circulate well clean. Trip out of hole with tubing, rig down work floor, and nipple down Cameron pipe rams. Drain pump, pour 15 gallons of diesel down well, and SWIFN at 4:30 pm. - Crew travel and safety meeting. Rig up PSI Wireline and wait on BJ frac crew. Rig up frac crew and frac 4th stage as shown in stimulation report. Screened out 4th stage. Sent BJ Frac crew home and opened well up for immediate flowback at approximately 2 bpm for 2 hours. Recovered 200 bbls. Rig up PSI wireline, set solid plug at 5330' and perforate 5th stage as shown in perforation report. Lost wireline tools on trip out of hole. Wait on RBS for fishing tools. Run in hole with 95 joints of tubing and fishing tools to place end of tubing at 2988'. Circulate well clean and SWIFN.

Daily Cost: \$0

Cumulative Cost: \$105,227

2/10/2011 Day: 7

Completion

WWS #3 on 2/10/2011 - Cleaned out 204' of sand to top of fish at 5239' and latched onto fish. Laid down fish, nipped down Cameron pipe rams, and rigged up BJ frac crew. Fraced 5th stage with BJ Services. Fraced and perforated 6th stage with BJ Services and PSI Wireline. - Crew travel and safety meeting on fishing perforation guns. Thaw out wellhead. Continue to trip into hole with tubing and tag fill at 5035'. Clean out 204' of sand to top of fish (perforation gun) at 5239' and latch onto fish. Lost circulation after latching onto fish. Trip out of hole with tubing wet. Lay down fish, nipple down Cameron pipe rams, and rig up BJ frac crew. Frac 5th stage with BJ Services. Frac and perforate 6th stage with BJ Services and PSI Wireline. Rig down wireline and frac crew and start flowing well back at 4:10 pm with #18 choke at approximately 3 bpm. Well flowed for 4 hours and turned to oil. Recovered 575 bbls. 1900 BWTR.

Daily Cost: \$0

Cumulative Cost: \$227,857

2/11/2011 Day: 8

Completion

WWS #3 on 2/11/2011 - Rigged up Perforators Wireline and set kill plug at 4550'. Rigged down wireline and bled down well. Drilled out kill plug at 4550' and CFTP at 4730'. SWIFN. - Crew travel and safety meeting on working with ice plugs in the tubing. Thaw out wellhead and pump 25 bbls down well. Rig up Perforators Wireline and set kill plug at 4550'. Rig down wireline and bleed down well. Nipple down Cameron BOPs and frac head. Nipple up 5,000 lb BOPs and production head. Rig up work floor and tubing equipment. Trip into hole with used 4-3/4" chomp bit and tubing. Tag kill plug at 4550', rig up RBS power swivel, and drill out

plug for 30 minutes. Circulate well for 1 hour until returns were clean of sand. Trip into hole with tubing, tag plug at 4730', and drill out plug for 28 minutes. Circulate well clean, drain pump, and SWIFN at 5:00 pm. EOT at 4745'. 1900 BWTR.

Daily Cost: \$0

Cumulative Cost: \$238,658

2/14/2011 Day: 9

Completion

WWS #3 on 2/14/2011 - Drilled out plugs and cleaned well out to PBTD. Rigged down drilling equipment and rigged up swab equipment. Made 3 swab runs and recovered 45 bbls of fluid. - Crew travel and safety meeting on using a spotter when backing up trucks on location. Thaw out wellhead. Tubing pressure at 300 psi and casing pressure at 850 psi. Run into hole with tubing, tag fill at 5089', clean out 241' of fill to plug at 5330', and drill out plug for 49 minutes. Run into hole with tubing, tag fill at 5438', clean out 112' of fill to plug at 5550', and drill out plug for 45 minutes. Run into hole with tubing, tag plug at 5970', and drill out plug for 20 minutes. Run into hole with tubing, tag plug at 6180', and drill out plug for 24 minutes. Run into hole with tubing, tag fill at 6485', clean out 107' of fill to PBTD at 6592', and circulate well clean. - Rig down drilling equipment and lay down 2 joints of tubing to place end of tubing at 6524'. Rig up swab equipment, make 3 swab runs, and recover 45 bbls of fluid. Final fluid level at 250'. SWIFN. 1855 BWTR.

Daily Cost: \$0

Cumulative Cost: \$244,409

2/15/2011 Day: 10

Completion

WWS #3 on 2/15/2011 - Killed well with brine, laid down chomp bit, and tripped into hole with production tubing including: notched collar, (2) joints 2-7/8" tubing, seat nipple, (1) joint 2-7/8" tubing, tubing anchor, and (202) joints 2-7/8" tubing. - Crew travel and safety meeting. Thaw out wellhead. Pressure on tubing at 850 psi and pressure on casing at 800 psi. Flowback a total of 165 bbls of oil with no sand. Pump 30 bbls down tubing, run into hole with tubing to PBTD at 6592', and circulate well clean. No new fill in well. Circulate well with 240 bbls of brine to kill well. Trip out of hole with tubing and lay down chomp bit. - Pick up and trip into hole with BHA as follows: notched collar, (2) joints 2-7/8" tubing, seat nipple, (1) joint 2-7/8" tubing, tubing anchor, and (202) joints 2-7/8" tubing. Nipple down BOPs, set tubing anchor with 18,000 lbs tension, and land tubing with B-1 adaptor flange with TAC at 6310.24', PSN at 6343.52', and EOT at 6409.90'. Cross over to rod equipment and SWIFN at 6:00 pm. 1690 BWTR.

Daily Cost: \$0

Cumulative Cost: \$250,823

2/16/2011 Day: 11

Completion

WWS #3 on 2/16/2011 - Thawed out wellhead and picked up rod design as follows: Central Hydraulic pump, (1) 4' stabilizer bar, (4) 1-1/2" weight bars, (248) 7/8" 8per guided rods, (1) 4' x 7/8" pony rod, (1) 2' x 7/8" pony rod, and (1) 1-1/2" x 30' polish rod. - Crew travel and safety meeting. Thaw out wellhead. Pressure on casing at 400 psi and pressure on tubing at 130 psi. Pump 60 bbls down tubing. Pick up and prime Central Hydraulic 25-175-RHAC-20-4-21-24 pump with 225" max stroke length. Pick up and run in hole with rods as follows: (1) 4' stabilizer bar, (4) 1-1/2" weight bars, (248) 7/8" 8per guided rods, (1) 4' x 7/8" pony rod, (1) 2' x 7/8" pony rod, and (1) 1-1/2" x 30' polish rod. Seat pump and rig up pumping unit. Test pump to 800 psi. Pump tested good. Rig down and move to the B-34-8-16 at 13:00. 1690 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$285,348

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Reserv.,
 Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 755' FSL & 2013' FEL (SW/SE) SEC. 27, T8S, R16E (UTU-62848)

At top prod. interval reported below 234' FSL & 2416' FEL (SW/SE) SEC. 27, T8S, R16E (UTU-62848)

At total depth 26' FNL & 2625' FEL (NW/NE) SEC. 34, T8S, R16E (UTU-62848)

14. Date Spudded
12/16/2010

15. Date T.D. Reached
01/19/2011

16. Date Completed 02/15/2011
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5578' GL 5590' KB

18. Total Depth: MD 6625'
TVD 6540'

19. Plug Back T.D.: MD 6592'
TVD 6508'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12-1/4" | 8-5/8" J-55 | 24# | 0 | 314' | | 160 CLASS G | | | |
| 7-7/8" | 5-1/2" J-55 | 15.5# | 0 | 6615' | | 300 PRIMLITE | | 112' | |
| | | | | | | 415 50/50 POZ | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | EOT@ 6407' | TA @ 6310' | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforation Interval | Size | No. Holes | Perf. Status |
|----------------|-------|--------|----------------------|------|-----------|--------------|
| A) Green River | 4602' | 6334' | 4602-6334' | .34" | 183 | |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 4602-6334' | Frac w/ 261672#s 20/40 sand in 1946 bbls of Lightning 17 fluid in 6 stages |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------------|
| 02/19/11 | 03/05/11 | 24 | → | 55 | 0.0 | 50 | | | 2-1/2" x 1-3/4" x 24' RHAC Pump |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | PRODUCING | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | |

RECEIVED

MAR 14 2011

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

| | | | | | | | | | |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production ➔ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate ➔ | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |

28c. Production - Interval D

| | | | | | | | | | |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production ➔ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate ➔ | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|-------------|-------|--------|------------------------------|-------------------|-------------|
| | | | | | Meas. Depth |
| GREEN RIVER | 4602' | 6334' | | GARDEN GULCH MRK | 4057' |
| | | | | GARDEN GULCH 1 | 4274' |
| | | | | GARDEN GULCH 2 | 4394' |
| | | | | POINT 3 | 4665' |
| | | | | X MRKR | 4924' |
| | | | | Y MRKR | 4956' |
| | | | | DOUGALS CREEK MRK | 5082' |
| | | | | BI CARBONATE MRK | 5340' |
| | | | | B LIMESTON MRK | 5482' |
| | | | | CASTLE PEAK | 5982' |
| | | | | BASAL CARBONATE | 6400' |
| | | | | WASATCH | 6527' |

32. Additional remarks (include plugging procedure):

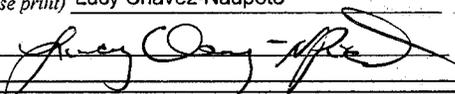
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*.

Name (please print) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature 

Date 03/08/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 34 T8S, R16E
C-34-8-16**

Wellbore #1

Design: Wellbore #1

Standard Survey Report

24 January, 2011



PayZone Directional Services, LLC.

Survey Report



| | | | |
|------------------|----------------------|-------------------------------------|--|
| Company: | NEWFIELD EXPLORATION | Local Co-ordinate Reference: | Well C-34-8-16 |
| Project: | USGS Myton SW (UT) | TVD Reference: | C-34-8-16 @ 5590.0ft (Newfield Rig #2) |
| Site: | SECTION 34 T8S, R16E | MD Reference: | C-34-8-16 @ 5590.0ft (Newfield Rig #2) |
| Well: | C-34-8-16 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 2003.21 Single User Db |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Utah Central Zone | | |

| | | | | | |
|------------------------------|--|---------------------|-----------------|--------------------------|------------------|
| Site | SECTION 34 T8S, R16E, SEC 34 T8S, R16E | | | | |
| Site Position: | | Northing: | 7,199,000.00 ft | Latitude: | 40° 4' 29.106 N |
| From: | Lat/Long | Easting: | 2,031,000.00 ft | Longitude: | 110° 6' 14.985 W |
| Position Uncertainty: | 0.0 ft | Slot Radius: | " | Grid Convergence: | 0.89 ° |

| | | | | | | |
|-----------------------------|--|--------|----------------------------|-----------------|----------------------|------------------|
| Well | C-34-8-16, SHL LAT: 40° 05' 01.37, LONG: -110° 06' 11.85 | | | | | |
| Well Position | +N-S | 0.0 ft | Northing: | 7,202,267.93 ft | Latitude: | 40° 5' 1.370 N |
| | +E-W | 0.0 ft | Easting: | 2,031,192.66 ft | Longitude: | 110° 6' 11.850 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | 5,590.0 ft | Ground Level: | 5,578.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 2010/08/09 | 11.44 | 65.84 | 52,369 |

| | | | | | |
|--------------------------|------------------------------|------------------|------------------|----------------------|-----|
| Design | Wellbore #1 | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N-S (ft) | +E-W (ft) | Direction (°) | |
| | 0.0 | 0.0 | 0.0 | 218.21 | |

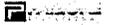
| | | | | | |
|-----------------------|----------------|--------------------------|------------------|--------------------|--|
| Survey Program | Date | 2011/01/24 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 392.0 | 6,625.0 | Survey #1 (Wellbore #1) | MWD | MWD - Standard | |

| 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 |
| 392.0 | 3.20 | 138.90 | 391.8 | -8.2 | 7.2 | 2.0 | 0.82 | 0.82 | 0.00 |
| 423.0 | 3.20 | 140.30 | 422.7 | -9.6 | 8.3 | 2.4 | 0.25 | 0.00 | 4.52 |
| 454.0 | 3.30 | 139.80 | 453.7 | -10.9 | 9.4 | 2.7 | 0.34 | 0.32 | -1.61 |
| 484.0 | 3.60 | 146.70 | 483.6 | -12.4 | 10.5 | 3.2 | 1.71 | 1.00 | 23.00 |
| 514.0 | 3.80 | 149.80 | 513.6 | -14.0 | 11.5 | 3.9 | 0.94 | 0.67 | 10.33 |
| 545.0 | 3.90 | 157.50 | 544.5 | -15.9 | 12.5 | 4.8 | 1.70 | 0.32 | 24.84 |
| 575.0 | 4.00 | 163.20 | 574.4 | -17.8 | 13.1 | 5.9 | 1.35 | 0.33 | 19.00 |
| 607.0 | 4.00 | 163.70 | 606.4 | -20.0 | 13.8 | 7.1 | 0.11 | 0.00 | 1.56 |
| 636.0 | 4.10 | 166.60 | 635.3 | -21.9 | 14.3 | 8.4 | 0.79 | 0.34 | 10.00 |
| 668.0 | 4.30 | 172.70 | 667.2 | -24.2 | 14.7 | 9.9 | 1.53 | 0.63 | 19.06 |
| 697.0 | 4.40 | 177.50 | 696.1 | -26.4 | 14.9 | 11.5 | 1.30 | 0.34 | 16.55 |
| 728.0 | 4.30 | 180.50 | 727.0 | -28.8 | 15.0 | 13.4 | 0.80 | -0.32 | 9.68 |



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 34 T8S, R16E
Well: C-34-8-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well C-34-8-16
TVD Reference: C-34-8-16 @ 5590.0ft (Newfield Rig #2)
MD Reference: C-34-8-16 @ 5590.0ft (Newfield Rig #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 758.0 | 4.20 | 187.00 | 756.9 | -31.0 | 14.8 | 15.2 | 1.64 | -0.33 | 21.67 |
| 789.0 | 4.40 | 196.30 | 787.9 | -33.3 | 14.3 | 17.3 | 2.34 | 0.65 | 30.00 |
| 819.0 | 4.70 | 205.00 | 817.8 | -35.5 | 13.5 | 19.5 | 2.51 | 1.00 | 29.00 |
| 851.0 | 5.00 | 214.80 | 849.7 | -37.8 | 12.1 | 22.2 | 2.75 | 0.94 | 30.63 |
| 883.0 | 5.20 | 224.10 | 881.5 | -40.0 | 10.3 | 25.0 | 2.65 | 0.63 | 29.06 |
| 914.0 | 5.40 | 228.90 | 912.4 | -42.0 | 8.3 | 27.9 | 1.57 | 0.65 | 15.48 |
| 945.0 | 5.90 | 230.20 | 943.2 | -43.9 | 5.9 | 30.9 | 1.66 | 1.61 | 4.19 |
| 977.0 | 6.30 | 230.00 | 975.1 | -46.1 | 3.3 | 34.2 | 1.25 | 1.25 | -0.63 |
| 1,009.0 | 7.00 | 228.40 | 1,006.8 | -48.5 | 0.5 | 37.8 | 2.26 | 2.19 | -5.00 |
| 1,040.0 | 7.60 | 229.20 | 1,037.6 | -51.1 | -2.4 | 41.7 | 1.96 | 1.94 | 2.58 |
| 1,072.0 | 8.09 | 228.69 | 1,069.3 | -54.0 | -5.7 | 46.0 | 1.55 | 1.53 | -1.59 |
| 1,103.0 | 8.50 | 227.90 | 1,100.0 | -57.0 | -9.1 | 50.4 | 1.37 | 1.32 | -2.55 |
| 1,135.0 | 9.00 | 225.80 | 1,131.6 | -60.3 | -12.6 | 55.2 | 1.85 | 1.56 | -6.56 |
| 1,167.0 | 9.36 | 224.56 | 1,163.2 | -63.9 | -16.2 | 60.3 | 1.28 | 1.13 | -3.88 |
| 1,199.0 | 9.80 | 224.60 | 1,194.7 | -67.7 | -20.0 | 65.6 | 1.38 | 1.38 | 0.13 |
| 1,230.0 | 10.02 | 226.18 | 1,225.3 | -71.5 | -23.8 | 70.8 | 1.13 | 0.71 | 5.10 |
| 1,262.0 | 10.40 | 227.40 | 1,256.8 | -75.3 | -27.9 | 76.5 | 1.37 | 1.19 | 3.81 |
| 1,294.0 | 10.90 | 227.50 | 1,288.2 | -79.3 | -32.3 | 82.3 | 1.56 | 1.56 | 0.31 |
| 1,326.0 | 11.10 | 226.50 | 1,319.6 | -83.5 | -36.7 | 88.3 | 0.86 | 0.63 | -3.13 |
| 1,357.0 | 11.30 | 224.90 | 1,350.0 | -87.7 | -41.0 | 94.3 | 1.19 | 0.65 | -5.16 |
| 1,389.0 | 11.20 | 223.30 | 1,381.4 | -92.2 | -45.4 | 100.5 | 1.02 | -0.31 | -5.00 |
| 1,421.0 | 11.10 | 221.10 | 1,412.8 | -96.8 | -49.5 | 106.7 | 1.37 | -0.31 | -6.88 |
| 1,452.0 | 10.80 | 220.50 | 1,443.3 | -101.2 | -53.4 | 112.6 | 1.04 | -0.97 | -1.94 |
| 1,484.0 | 10.60 | 219.90 | 1,474.7 | -105.8 | -57.2 | 118.5 | 0.72 | -0.63 | -1.88 |
| 1,516.0 | 10.50 | 220.10 | 1,506.2 | -110.3 | -61.0 | 124.4 | 0.33 | -0.31 | 0.63 |
| 1,548.0 | 10.30 | 221.20 | 1,537.6 | -114.6 | -64.7 | 130.1 | 0.88 | -0.63 | 3.44 |
| 1,579.0 | 10.20 | 221.70 | 1,568.1 | -118.8 | -68.4 | 135.6 | 0.43 | -0.32 | 1.61 |
| 1,611.0 | 10.00 | 220.50 | 1,599.6 | -123.0 | -72.1 | 141.2 | 0.91 | -0.63 | -3.75 |
| 1,643.0 | 9.90 | 220.60 | 1,631.2 | -127.2 | -75.7 | 146.8 | 0.32 | -0.31 | 0.31 |
| 1,674.0 | 9.90 | 220.60 | 1,661.7 | -131.2 | -79.2 | 152.1 | 0.00 | 0.00 | 0.00 |
| 1,706.0 | 9.80 | 222.70 | 1,693.2 | -135.3 | -82.8 | 157.6 | 1.17 | -0.31 | 6.56 |
| 1,738.0 | 9.60 | 223.60 | 1,724.8 | -139.3 | -86.5 | 162.9 | 0.78 | -0.63 | 2.81 |
| 1,770.0 | 9.40 | 223.70 | 1,756.3 | -143.1 | -90.1 | 168.2 | 0.63 | -0.63 | 0.31 |
| 1,801.0 | 9.70 | 224.80 | 1,786.9 | -146.8 | -93.7 | 173.3 | 1.13 | 0.97 | 3.55 |
| 1,833.0 | 10.20 | 225.50 | 1,818.4 | -150.7 | -97.6 | 178.8 | 1.61 | 1.56 | 2.19 |
| 1,865.0 | 10.50 | 224.00 | 1,849.9 | -154.8 | -101.7 | 184.5 | 1.26 | 0.94 | -4.69 |
| 1,897.0 | 10.60 | 223.10 | 1,881.4 | -159.0 | -105.7 | 190.3 | 0.60 | 0.31 | -2.81 |
| 1,928.0 | 10.50 | 221.00 | 1,911.8 | -163.2 | -109.5 | 196.0 | 1.28 | -0.32 | -6.77 |
| 1,960.0 | 10.40 | 219.00 | 1,943.3 | -167.7 | -113.2 | 201.8 | 1.18 | -0.31 | -6.25 |
| 1,992.0 | 10.10 | 217.00 | 1,974.8 | -172.1 | -116.8 | 207.5 | 1.45 | -0.94 | -6.25 |
| 2,023.0 | 9.90 | 215.70 | 2,005.3 | -176.5 | -119.9 | 212.9 | 0.97 | -0.65 | -4.19 |
| 2,055.0 | 9.90 | 216.60 | 2,036.9 | -180.9 | -123.2 | 218.4 | 0.48 | 0.00 | 2.81 |
| 2,086.0 | 9.90 | 217.90 | 2,067.4 | -185.2 | -126.4 | 223.7 | 0.72 | 0.00 | 4.19 |
| 2,118.0 | 10.00 | 218.40 | 2,098.9 | -189.5 | -129.8 | 229.2 | 0.41 | 0.31 | 1.56 |
| 2,150.0 | 10.30 | 219.20 | 2,130.4 | -193.9 | -133.4 | 234.9 | 1.04 | 0.94 | 2.50 |
| 2,182.0 | 10.50 | 219.20 | 2,161.9 | -198.4 | -137.0 | 240.6 | 0.63 | 0.63 | 0.00 |
| 2,213.0 | 10.40 | 220.40 | 2,192.4 | -202.7 | -140.6 | 246.3 | 0.77 | -0.32 | 3.87 |
| 2,245.0 | 9.90 | 220.90 | 2,223.9 | -207.0 | -144.3 | 251.9 | 1.59 | -1.56 | 1.56 |
| 2,277.0 | 9.90 | 220.90 | 2,255.4 | -211.1 | -147.9 | 257.4 | 0.00 | 0.00 | 0.00 |
| 2,309.0 | 10.10 | 221.90 | 2,286.9 | -215.3 | -151.6 | 262.9 | 0.83 | 0.63 | 3.13 |
| 2,340.0 | 10.00 | 223.90 | 2,317.4 | -219.3 | -155.2 | 268.3 | 1.17 | -0.32 | 6.45 |
| 2,372.0 | 9.90 | 225.00 | 2,348.9 | -223.2 | -159.1 | 273.8 | 0.67 | -0.31 | 3.44 |
| 2,404.0 | 10.00 | 225.20 | 2,380.5 | -227.1 | -163.0 | 279.3 | 0.33 | 0.31 | 0.63 |
| 2,435.0 | 10.00 | 222.00 | 2,411.0 | -231.0 | -166.7 | 284.7 | 1.79 | 0.00 | -10.32 |



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 34 T8S, R16E
Well: C-34-8-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well C-34-8-16
TVD Reference: C-34-8-16 @ 5590.0ft (Newfield Rig #2)
MD Reference: C-34-8-16 @ 5590.0ft (Newfield Rig #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 2,467.0 | 10.40 | 219.80 | 2,442.5 | -235.3 | -170.5 | 290.3 | 1.74 | 1.25 | -6.88 |
| 2,530.0 | 10.30 | 218.80 | 2,504.5 | -244.1 | -177.6 | 301.6 | 0.33 | -0.16 | -1.59 |
| 2,562.0 | 10.50 | 219.30 | 2,535.9 | -248.5 | -181.3 | 307.4 | 0.69 | 0.63 | 1.56 |
| 2,594.0 | 10.60 | 218.80 | 2,567.4 | -253.1 | -185.0 | 313.3 | 0.42 | 0.31 | -1.56 |
| 2,625.0 | 10.50 | 219.60 | 2,597.9 | -257.5 | -188.5 | 318.9 | 0.57 | -0.32 | 2.58 |
| 2,657.0 | 10.20 | 219.80 | 2,629.4 | -261.9 | -192.2 | 324.7 | 0.94 | -0.94 | 0.63 |
| 2,689.0 | 9.90 | 219.20 | 2,660.9 | -266.2 | -195.8 | 330.3 | 0.99 | -0.94 | -1.88 |
| 2,720.0 | 9.70 | 219.00 | 2,691.4 | -270.3 | -199.1 | 335.6 | 0.65 | -0.65 | -0.65 |
| 2,752.0 | 9.60 | 219.50 | 2,723.0 | -274.5 | -202.5 | 340.9 | 0.41 | -0.31 | 1.56 |
| 2,784.0 | 9.60 | 218.40 | 2,754.5 | -278.6 | -205.8 | 346.3 | 0.57 | 0.00 | -3.44 |
| 2,815.0 | 9.60 | 215.10 | 2,785.1 | -282.8 | -208.9 | 351.4 | 1.78 | 0.00 | -10.65 |
| 2,847.0 | 9.90 | 212.30 | 2,816.6 | -287.3 | -211.9 | 356.8 | 1.75 | 0.94 | -8.75 |
| 2,879.0 | 10.00 | 209.90 | 2,848.1 | -292.0 | -214.8 | 362.3 | 1.33 | 0.31 | -7.50 |
| 2,911.0 | 9.70 | 209.00 | 2,879.7 | -296.8 | -217.5 | 367.7 | 1.05 | -0.94 | -2.81 |
| 2,942.0 | 10.00 | 209.90 | 2,910.2 | -301.4 | -220.1 | 373.0 | 1.09 | 0.97 | 2.90 |
| 2,974.0 | 10.20 | 213.40 | 2,941.7 | -306.2 | -223.0 | 378.5 | 2.02 | 0.63 | 10.94 |
| 3,006.0 | 10.50 | 215.40 | 2,973.2 | -310.9 | -226.3 | 384.3 | 1.46 | 0.94 | 6.25 |
| 3,037.0 | 10.80 | 216.40 | 3,003.7 | -315.6 | -229.6 | 390.0 | 1.14 | 0.97 | 3.23 |
| 3,069.0 | 11.10 | 218.10 | 3,035.1 | -320.4 | -233.3 | 396.1 | 1.38 | 0.94 | 5.31 |
| 3,101.0 | 11.60 | 220.00 | 3,066.4 | -325.3 | -237.3 | 402.4 | 1.95 | 1.56 | 5.94 |
| 3,132.0 | 11.90 | 221.40 | 3,096.8 | -330.1 | -241.4 | 408.7 | 1.33 | 0.97 | 4.52 |
| 3,164.0 | 12.00 | 221.90 | 3,128.1 | -335.0 | -245.8 | 415.3 | 0.45 | 0.31 | 1.56 |
| 3,196.0 | 11.90 | 221.30 | 3,159.4 | -340.0 | -250.2 | 421.9 | 0.50 | -0.31 | -1.88 |
| 3,228.0 | 11.30 | 220.60 | 3,190.8 | -344.8 | -254.4 | 428.3 | 1.93 | -1.88 | -2.19 |
| 3,259.0 | 11.00 | 220.20 | 3,221.2 | -349.4 | -258.3 | 434.3 | 1.00 | -0.97 | -1.29 |
| 3,291.0 | 10.70 | 219.00 | 3,252.6 | -354.0 | -262.2 | 440.3 | 1.17 | -0.94 | -3.75 |
| 3,323.0 | 10.80 | 218.50 | 3,284.0 | -358.7 | -265.9 | 446.3 | 0.43 | 0.31 | -1.56 |
| 3,354.0 | 10.90 | 218.60 | 3,314.5 | -363.3 | -269.5 | 452.1 | 0.33 | 0.32 | 0.32 |
| 3,386.0 | 10.90 | 218.70 | 3,345.9 | -368.0 | -273.3 | 458.2 | 0.06 | 0.00 | 0.31 |
| 3,418.0 | 10.50 | 217.50 | 3,377.3 | -372.7 | -277.0 | 464.1 | 1.43 | -1.25 | -3.75 |
| 3,449.0 | 9.80 | 215.90 | 3,407.9 | -377.0 | -280.2 | 469.6 | 2.43 | -2.26 | -5.16 |
| 3,481.0 | 9.70 | 215.80 | 3,439.4 | -381.4 | -283.4 | 475.0 | 0.32 | -0.31 | -0.31 |
| 3,513.0 | 10.00 | 218.40 | 3,470.9 | -385.8 | -286.7 | 480.5 | 1.68 | 0.94 | 8.13 |
| 3,545.0 | 10.40 | 219.90 | 3,502.4 | -390.2 | -290.3 | 486.1 | 1.50 | 1.25 | 4.69 |
| 3,576.0 | 10.50 | 220.20 | 3,532.9 | -394.5 | -293.9 | 491.8 | 0.37 | 0.32 | 0.97 |
| 3,608.0 | 10.30 | 219.90 | 3,564.4 | -398.9 | -297.6 | 497.5 | 0.65 | -0.63 | -0.94 |
| 3,640.0 | 10.10 | 219.90 | 3,595.9 | -403.3 | -301.3 | 503.2 | 0.63 | -0.63 | 0.00 |
| 3,671.0 | 9.70 | 219.10 | 3,626.4 | -407.4 | -304.7 | 508.5 | 1.36 | -1.29 | -2.58 |
| 3,703.0 | 9.50 | 219.60 | 3,658.0 | -411.5 | -308.0 | 513.9 | 0.68 | -0.63 | 1.56 |
| 3,735.0 | 9.40 | 220.20 | 3,689.5 | -415.5 | -311.4 | 519.1 | 0.44 | -0.31 | 1.88 |
| 3,767.0 | 9.40 | 221.00 | 3,721.1 | -419.5 | -314.8 | 524.3 | 0.41 | 0.00 | 2.50 |
| 3,798.0 | 9.10 | 220.60 | 3,751.7 | -423.3 | -318.1 | 529.3 | 0.99 | -0.97 | -1.29 |
| 3,830.0 | 8.90 | 220.90 | 3,783.3 | -427.1 | -321.3 | 534.3 | 0.64 | -0.63 | 0.94 |
| 3,862.0 | 9.10 | 221.80 | 3,814.9 | -430.8 | -324.6 | 539.3 | 0.76 | 0.63 | 2.81 |
| 3,893.0 | 9.20 | 222.10 | 3,845.5 | -434.5 | -327.9 | 544.2 | 0.36 | 0.32 | 0.97 |
| 3,925.0 | 9.20 | 222.10 | 3,877.1 | -438.3 | -331.4 | 549.3 | 0.00 | 0.00 | 0.00 |
| 3,957.0 | 9.10 | 220.80 | 3,908.7 | -442.1 | -334.7 | 554.4 | 0.72 | -0.31 | -4.06 |
| 3,989.0 | 9.10 | 220.30 | 3,940.3 | -445.9 | -338.0 | 559.5 | 0.25 | 0.00 | -1.56 |
| 4,020.0 | 9.10 | 220.60 | 3,970.9 | -449.7 | -341.2 | 564.4 | 0.15 | 0.00 | 0.97 |
| 4,052.0 | 9.20 | 221.00 | 4,002.5 | -453.5 | -344.5 | 569.5 | 0.37 | 0.31 | 1.25 |
| 4,084.0 | 9.40 | 221.60 | 4,034.1 | -457.4 | -347.9 | 574.6 | 0.69 | 0.63 | 1.88 |
| 4,115.0 | 9.40 | 221.50 | 4,064.7 | -461.2 | -351.3 | 579.7 | 0.05 | 0.00 | -0.32 |
| 4,147.0 | 9.40 | 221.10 | 4,096.2 | -465.1 | -354.8 | 584.9 | 0.20 | 0.00 | -1.25 |
| 4,179.0 | 9.60 | 220.90 | 4,127.8 | -469.1 | -358.2 | 590.2 | 0.63 | 0.63 | -0.63 |



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 34 T8S, R16E
Well: C-34-8-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well C-34-8-16
TVD Reference: C-34-8-16 @ 5590.0ft (Newfield Rig #2)
MD Reference: C-34-8-16 @ 5590.0ft (Newfield Rig #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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) |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,210.0 | 9.60 | 220.00 | 4,158.4 | -473.0 | -361.6 | 595.3 | 0.48 | 0.00 | -2.90 |
| 4,242.0 | 9.80 | 220.60 | 4,189.9 | -477.1 | -365.1 | 600.7 | 0.70 | 0.63 | 1.88 |
| 4,274.0 | 9.70 | 220.60 | 4,221.4 | -481.3 | -368.6 | 606.1 | 0.31 | -0.31 | 0.00 |
| 4,305.0 | 9.80 | 220.90 | 4,252.0 | -485.2 | -372.0 | 611.4 | 0.36 | 0.32 | 0.97 |
| 4,337.0 | 9.90 | 220.90 | 4,283.5 | -489.4 | -375.6 | 616.9 | 0.31 | 0.31 | 0.00 |
| 4,369.0 | 9.90 | 221.30 | 4,315.0 | -493.5 | -379.2 | 622.3 | 0.21 | 0.00 | 1.25 |
| 4,401.0 | 9.90 | 221.10 | 4,346.6 | -497.7 | -382.8 | 627.8 | 0.11 | 0.00 | -0.63 |
| 4,432.0 | 9.80 | 220.90 | 4,377.1 | -501.7 | -386.3 | 633.1 | 0.34 | -0.32 | -0.65 |
| 4,463.0 | 9.70 | 220.40 | 4,407.7 | -505.6 | -389.7 | 638.4 | 0.42 | -0.32 | -1.61 |
| 4,495.0 | 9.40 | 220.00 | 4,439.2 | -509.7 | -393.2 | 643.7 | 0.96 | -0.94 | -1.25 |
| 4,527.0 | 9.10 | 219.50 | 4,470.8 | -513.7 | -396.5 | 648.8 | 0.97 | -0.94 | -1.56 |
| 4,559.0 | 9.20 | 219.50 | 4,502.4 | -517.6 | -399.7 | 653.9 | 0.31 | 0.31 | 0.00 |
| 4,590.0 | 9.50 | 219.50 | 4,533.0 | -521.5 | -402.9 | 659.0 | 0.97 | 0.97 | 0.00 |
| 4,622.0 | 9.80 | 219.40 | 4,564.5 | -525.6 | -406.3 | 664.3 | 0.94 | 0.94 | -0.31 |
| 4,654.0 | 10.10 | 219.80 | 4,596.1 | -529.9 | -409.8 | 669.8 | 0.96 | 0.94 | 1.25 |
| 4,685.0 | 10.00 | 219.30 | 4,626.6 | -534.0 | -413.3 | 675.3 | 0.43 | -0.32 | -1.61 |
| 4,717.0 | 9.90 | 219.50 | 4,658.1 | -538.3 | -416.8 | 680.8 | 0.33 | -0.31 | 0.63 |
| 4,749.0 | 9.90 | 219.30 | 4,689.6 | -542.6 | -420.3 | 686.3 | 0.11 | 0.00 | -0.63 |
| 4,780.0 | 9.80 | 218.70 | 4,720.2 | -546.7 | -423.6 | 691.6 | 0.46 | -0.32 | -1.94 |
| 4,812.0 | 9.60 | 218.10 | 4,751.7 | -550.9 | -427.0 | 697.0 | 0.70 | -0.63 | -1.88 |
| 4,844.0 | 9.40 | 217.60 | 4,783.3 | -555.1 | -430.2 | 702.3 | 0.68 | -0.63 | -1.56 |
| 4,876.0 | 9.50 | 218.20 | 4,814.8 | -559.2 | -433.4 | 707.5 | 0.44 | 0.31 | 1.88 |
| 4,907.0 | 9.80 | 218.60 | 4,845.4 | -563.3 | -436.7 | 712.7 | 0.99 | 0.97 | 1.29 |
| 4,939.0 | 9.80 | 218.90 | 4,876.9 | -567.6 | -440.1 | 718.2 | 0.16 | 0.00 | 0.94 |
| 4,971.0 | 9.90 | 219.20 | 4,908.5 | -571.8 | -443.5 | 723.6 | 0.35 | 0.31 | 0.94 |
| 5,002.0 | 9.80 | 219.20 | 4,939.0 | -575.9 | -446.9 | 728.9 | 0.32 | -0.32 | 0.00 |
| 5,034.0 | 9.70 | 219.80 | 4,970.5 | -580.1 | -450.3 | 734.3 | 0.45 | -0.31 | 1.88 |
| 5,066.0 | 9.80 | 219.90 | 5,002.1 | -584.3 | -453.8 | 739.8 | 0.32 | 0.31 | 0.31 |
| 5,098.0 | 9.50 | 219.00 | 5,033.6 | -588.4 | -457.2 | 745.1 | 1.05 | -0.94 | -2.81 |
| 5,129.0 | 9.50 | 218.60 | 5,064.2 | -592.4 | -460.4 | 750.2 | 0.21 | 0.00 | -1.29 |
| 5,161.0 | 9.60 | 218.30 | 5,095.7 | -596.5 | -463.7 | 755.6 | 0.35 | 0.31 | -0.94 |
| 5,193.0 | 9.50 | 217.60 | 5,127.3 | -600.7 | -467.0 | 760.9 | 0.48 | -0.31 | -2.19 |
| 5,224.0 | 9.30 | 217.10 | 5,157.9 | -604.8 | -470.0 | 765.9 | 0.70 | -0.65 | -1.61 |
| 5,256.0 | 9.40 | 218.60 | 5,189.5 | -608.9 | -473.2 | 771.1 | 0.82 | 0.31 | 4.69 |
| 5,288.0 | 9.50 | 220.20 | 5,221.0 | -612.9 | -476.6 | 776.4 | 0.88 | 0.31 | 5.00 |
| 5,319.0 | 9.30 | 220.40 | 5,251.6 | -616.8 | -479.8 | 781.4 | 0.65 | -0.65 | 0.65 |
| 5,351.0 | 9.20 | 220.80 | 5,283.2 | -620.7 | -483.2 | 786.6 | 0.37 | -0.31 | 1.25 |
| 5,383.0 | 8.90 | 220.80 | 5,314.8 | -624.5 | -486.5 | 791.6 | 0.94 | -0.94 | 0.00 |
| 5,397.7 | 8.72 | 220.40 | 5,329.3 | -626.2 | -487.9 | 793.8 | 1.32 | -1.25 | -2.74 |
| C-34-8-16 TGT | | | | | | | | | |
| 5,415.0 | 8.50 | 219.90 | 5,346.4 | -628.2 | -489.6 | 796.4 | 1.32 | -1.25 | -2.87 |
| 5,446.0 | 8.50 | 219.40 | 5,377.1 | -631.7 | -492.5 | 801.0 | 0.24 | 0.00 | -1.61 |
| 5,478.0 | 9.10 | 218.40 | 5,408.7 | -635.5 | -495.6 | 805.9 | 1.93 | 1.88 | -3.13 |
| 5,510.0 | 9.40 | 217.50 | 5,440.3 | -639.6 | -498.8 | 811.1 | 1.04 | 0.94 | -2.81 |
| 5,542.0 | 9.70 | 216.70 | 5,471.9 | -643.8 | -502.0 | 816.4 | 1.03 | 0.94 | -2.50 |
| 5,573.0 | 9.50 | 215.90 | 5,502.4 | -648.0 | -505.0 | 821.5 | 0.78 | -0.65 | -2.58 |
| 5,605.0 | 9.20 | 214.60 | 5,534.0 | -652.2 | -508.0 | 826.7 | 1.15 | -0.94 | -4.06 |
| 5,637.0 | 9.50 | 215.60 | 5,565.6 | -656.5 | -511.0 | 831.9 | 1.07 | 0.94 | 3.13 |
| 5,669.0 | 10.30 | 217.30 | 5,597.1 | -660.9 | -514.3 | 837.4 | 2.66 | 2.50 | 5.31 |
| 5,700.0 | 10.90 | 219.30 | 5,627.6 | -665.4 | -517.8 | 843.1 | 2.27 | 1.94 | 6.45 |
| 5,732.0 | 11.10 | 221.90 | 5,659.0 | -670.0 | -521.8 | 849.2 | 1.67 | 0.63 | 8.13 |
| 5,763.0 | 10.90 | 224.50 | 5,689.4 | -674.3 | -525.9 | 855.1 | 1.73 | -0.65 | 8.39 |
| 5,795.0 | 10.70 | 227.10 | 5,720.8 | -678.5 | -530.1 | 861.0 | 1.65 | -0.63 | 8.13 |
| 5,827.0 | 10.20 | 227.00 | 5,752.3 | -682.5 | -534.4 | 866.8 | 1.56 | -1.56 | -0.31 |



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 34 T8S, R16E
Well: C-34-8-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well C-34-8-16
TVD Reference: C-34-8-16 @ 5590.0ft (Newfield Rig #2)
MD Reference: C-34-8-16 @ 5590.0ft (Newfield Rig #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 5,858.0 | 10.20 | 225.40 | 5,782.8 | -686.2 | -538.4 | 872.2 | 0.91 | 0.00 | -5.16 |
| 5,890.0 | 10.70 | 223.80 | 5,814.3 | -690.4 | -542.4 | 878.0 | 1.81 | 1.56 | -5.00 |
| 5,922.0 | 10.90 | 222.40 | 5,845.7 | -694.8 | -546.5 | 884.0 | 1.03 | 0.63 | -4.38 |
| 5,953.0 | 10.30 | 220.00 | 5,876.2 | -699.0 | -550.3 | 889.7 | 2.40 | -1.94 | -7.74 |
| 5,985.0 | 8.90 | 216.50 | 5,907.7 | -703.2 | -553.6 | 895.0 | 4.74 | -4.38 | -10.94 |
| 6,017.0 | 8.40 | 212.50 | 5,939.4 | -707.2 | -556.3 | 899.8 | 2.44 | -1.56 | -12.50 |
| 6,049.0 | 8.00 | 212.60 | 5,971.1 | -711.0 | -558.8 | 904.3 | 1.25 | -1.25 | 0.31 |
| 6,080.0 | 8.30 | 213.00 | 6,001.7 | -714.7 | -561.2 | 908.7 | 0.98 | 0.97 | 1.29 |
| 6,112.0 | 8.50 | 213.70 | 6,033.4 | -718.6 | -563.7 | 913.4 | 0.70 | 0.63 | 2.19 |
| 6,144.0 | 8.50 | 214.50 | 6,065.0 | -722.6 | -566.4 | 918.1 | 0.37 | 0.00 | 2.50 |
| 6,175.0 | 8.40 | 214.50 | 6,095.7 | -726.3 | -569.0 | 922.6 | 0.32 | -0.32 | 0.00 |
| 6,207.0 | 8.50 | 215.30 | 6,127.4 | -730.2 | -571.7 | 927.3 | 0.48 | 0.31 | 2.50 |
| 6,239.0 | 8.60 | 215.70 | 6,159.0 | -734.0 | -574.4 | 932.1 | 0.36 | 0.31 | 1.25 |
| 6,270.0 | 8.80 | 216.10 | 6,189.6 | -737.8 | -577.2 | 936.8 | 0.67 | 0.65 | 1.29 |
| 6,302.0 | 9.30 | 217.50 | 6,221.3 | -741.9 | -580.2 | 941.8 | 1.71 | 1.56 | 4.38 |
| 6,365.0 | 9.40 | 218.10 | 6,283.4 | -750.0 | -586.5 | 952.0 | 0.22 | 0.16 | 0.95 |
| 6,397.0 | 9.10 | 218.00 | 6,315.0 | -754.0 | -589.6 | 957.2 | 0.94 | -0.94 | -0.31 |
| 6,429.0 | 9.00 | 218.40 | 6,346.6 | -758.0 | -592.7 | 962.2 | 0.37 | -0.31 | 1.25 |
| 6,460.0 | 8.90 | 219.20 | 6,377.2 | -761.7 | -595.8 | 967.0 | 0.52 | -0.32 | 2.58 |
| 6,492.0 | 8.80 | 219.50 | 6,408.8 | -765.5 | -598.9 | 971.9 | 0.34 | -0.31 | 0.94 |
| 6,524.0 | 8.75 | 219.90 | 6,440.5 | -769.3 | -602.0 | 976.8 | 0.25 | -0.16 | 1.25 |
| 6,555.0 | 8.92 | 221.13 | 6,471.1 | -772.9 | -605.1 | 981.6 | 0.82 | 0.55 | 3.97 |
| 6,570.0 | 8.92 | 221.48 | 6,485.9 | -774.6 | -606.6 | 983.9 | 0.36 | 0.00 | 2.33 |
| 6,605.0 | 8.92 | 221.48 | 6,520.5 | -778.7 | -610.2 | 989.3 | 0.00 | 0.00 | 0.00 |
| 6,625.0 | 8.92 | 221.48 | 6,540.3 | -781.0 | -612.3 | 992.4 | 0.00 | 0.00 | 0.00 |

Wellbore Targets

| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|------------------|
| C-34-8-16 TGT | 0.00 | 0.00 | 5,300.0 | -774.2 | -609.4 | 7,201,484.35 | 2,030,595.40 | 40° 4' 53.719 N | 110° 6' 19.691 W |
| - hit/miss target | | | | | | | | | |
| - actual wellpath misses by 193.7ft at 5397.7ft MD (5329.3 TVD, -626.2 N, -487.9 E) | | | | | | | | | |
| - Circle (radius 75.0) | | | | | | | | | |

Checked By: _____ Approved By: _____ Date: _____



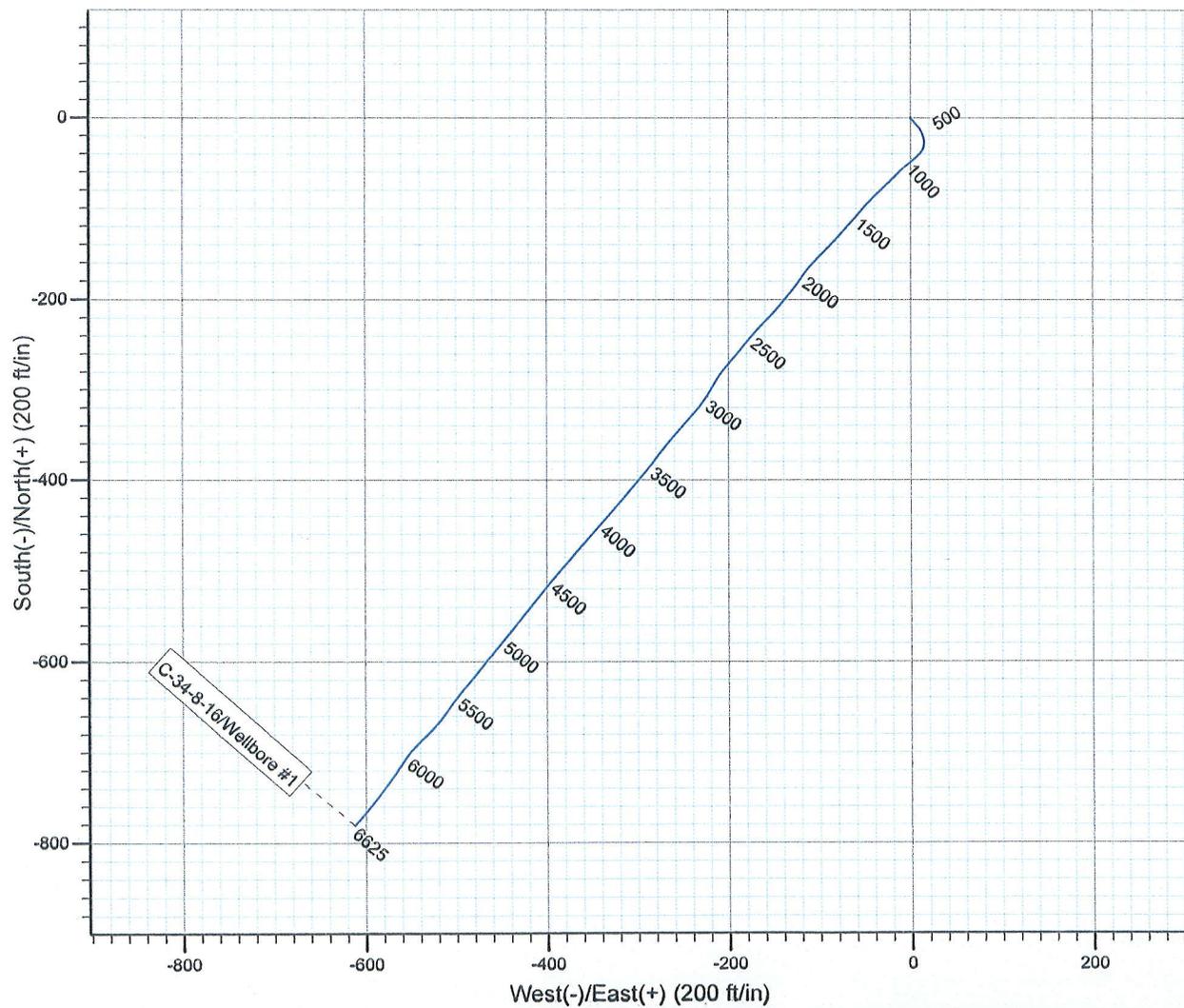
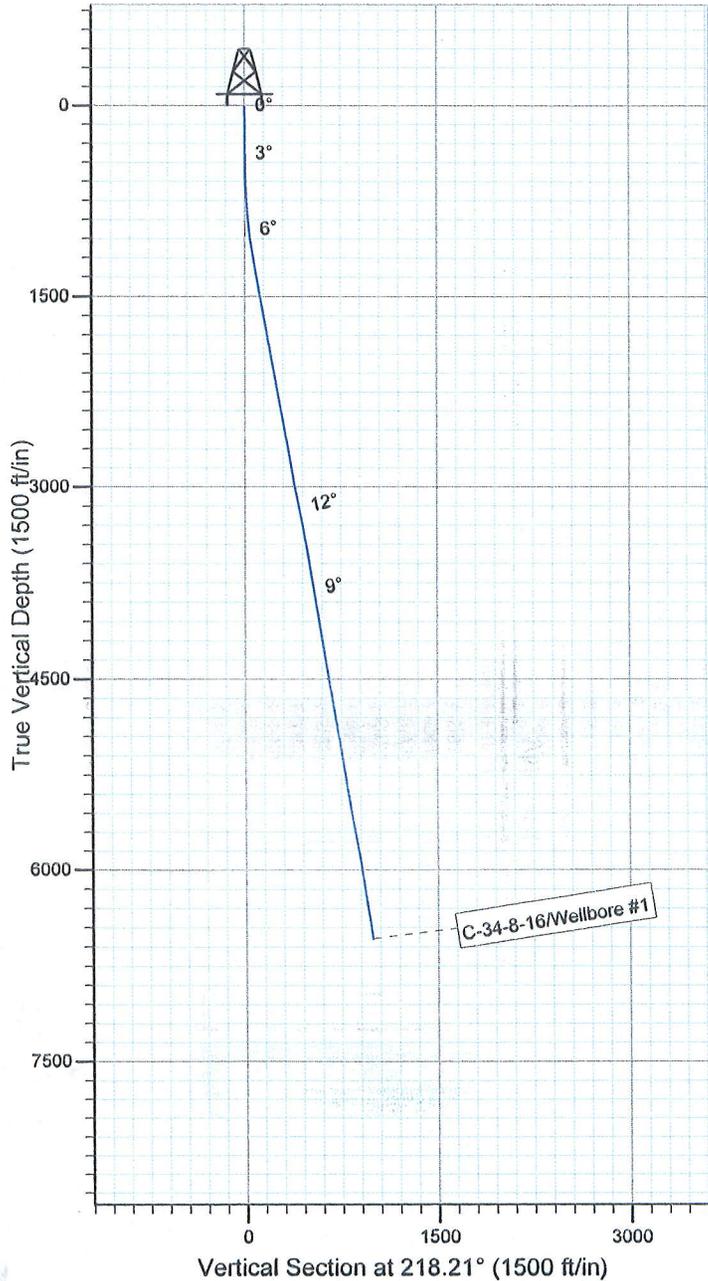
Project: USGS Myton SW (UT)
 Site: SECTION 34 T8S, R16E
 Well: C-34-8-16
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.44°

Magnetic Field
 Strength: 52369.0snT
 Dip Angle: 65.84°
 Date: 2010/08/09
 Model: IGRF2010



Design: Wellbore #1 (C-34-8-16/Wellbore #1)



Created By: *Jim Hudson* Date: 17:42, January 24 2011
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report**Format For Sundry****MON BUTTE C-34-8-16****11/1/2010 To 3/28/2011****MON BUTTE C-34-8-16****Waiting on Cement****Date:** 1/1/2011

Ross #29 at 310. Days Since Spud - On 12/16/10 Ross # 29 Spud the Greater Monument Butte C-34-8-16. Ran 8 5/8" Casing (Guide Shoe, - 160sks Class "G"+2%CaCl Mixed @ 15.8ppg W/ 1.17yield Returned 5bbls to pit. - Shoe Joint, Baffle Plate, 6jts Casing) Set @ 313.88'KB. On 12/19/10 Cemented 8 5/8" Casing W/ BJ

Daily Cost: \$0**Cumulative Cost:** \$45,421**MON BUTTE C-34-8-16****Rigging Up****Date:** 1/14/2011

NDSI #2 at 310. 0 Days Since Spud - Rig Down Move To GMB C-34-8-16

Daily Cost: \$0**Cumulative Cost:** \$47,771**MON BUTTE C-34-8-16****Drill 7 7/8" hole with fresh water****Date:** 1/15/2011

NDSI #2 at 1254. 1 Days Since Spud - P/U BHA, Scribe Directional Tools - Clean Up Rig Floor, Strap BHA - everything tested OK. - Accepted Rig @ 15:00)n 1/14/11.R/U B&C Quick Test. Test Upper Kelly Valve,Safety Valve,Pipe,Blind - MIRU Set Surface Equipment W/ Marcus Liddell trucking. (15' Move From GMB B-34-8-16) - Trip In Hole,Tag @ 270'.P/U Rotating Rubber& Kelly Gain Circ. - Drill 7 7/8" Hole From 270' To 1254'. WOB 20,000 lbs,TRPM 168,GPM 344, Avg ROP 111.1 fph - No H2s Reported Last 24 Hrs. - Boiler 16 hrs - Rams,Choke Manifold & Lines To 2000# psi For 10 Mins And Surface Casing to 1500# psi for 30 mins,

Daily Cost: \$0**Cumulative Cost:** \$105,228**MON BUTTE C-34-8-16****Drill 7 7/8" hole with fresh water****Date:** 1/16/2011

NDSI #2 at 3790. 2 Days Since Spud - Well Flowing 15 gals/min @ 3790' - Drilled Into Pressurized Zone @ 3250' - No H2s Reported Last 24 Hrs. - Drill 7 7/8" Hole From 2300' To 3790',WOB 20,000 lbs,TRPM 168,GPM 344,Avg Rop 106.4 fph. - Rig Service,Check Crown-A-Matic, Function Test Bop's,(Held Bop Drill) - Drill 7 7/8" Hole From 1254' To 2300',WOB 18,000 lbs,TRPM 168,GPM 344, Avg Rop 110.1 fph - Boiler 24 Hrs.

Daily Cost: \$0**Cumulative Cost:** \$126,407**MON BUTTE C-34-8-16****Drill 7 7/8" hole with fresh water****Date:** 1/17/2011

NDSI #2 at 5501. 3 Days Since Spud - Drill 7 7/8" Hole From From 4518' To 5501' WOB 20,000 lbs, TRPM 168, GPM 344, Avg Rop 70.2 fph - Boiler 24 Hrs. - Well Flowin 13 gals/Min @ 5406' - No H2s Reported Last 24 Hrs - Rig Service. Check Crown-A-Matic, Function Test Bop's - Drill 7 7/8" Hole From 3790' To 4518', WOB 18,000 lbs,TRPM 168, GPM 344, Avg Rop 76.6 fph

Daily Cost: \$0

