

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 15-22-9-15H
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-027345	11. MINERAL 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')		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
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 type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	661 FSL 1978 FEL	SWSE	22	9.0 S	15.0 E	S
Top of Uppermost Producing Zone	661 FSL 1978 FEL	SWSE	22	9.0 S	15.0 E	S
At Total Depth	172 FSL 375 FEL	SESE	15	9.0 S	15.0 E	S

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 172	23. NUMBER OF ACRES IN DRILLING UNIT 320
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 601	26. PROPOSED DEPTH MD: 10803 TVD: 5950
27. ELEVATION - GROUND LEVEL 6461	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 01/29/2010	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013502430000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	10803		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	5950	15.5			

Proposed Hole, Casing, and Cement

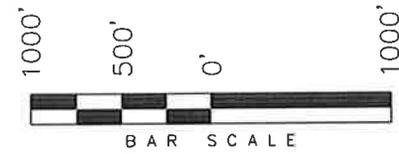
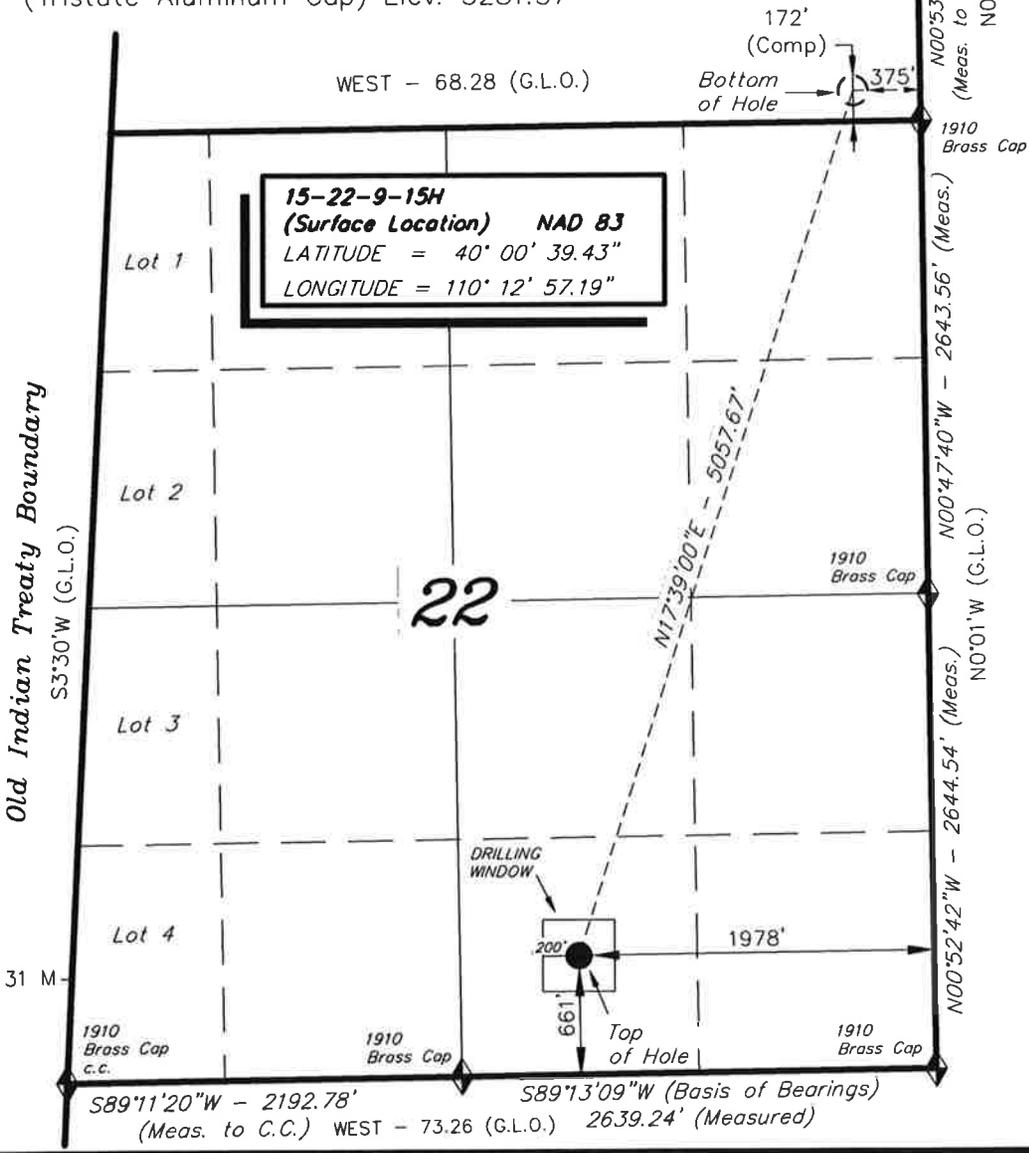
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	300		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	300	24.0			

T9S, R15E, S.L.B.&M.

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'

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 15-22-9-15H, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 22, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



◆ = SECTION CORNERS LOCATED



WELL LOCATION: 15-22-9-15H

ELEV. UNGRADED GROUND = 6460.9'

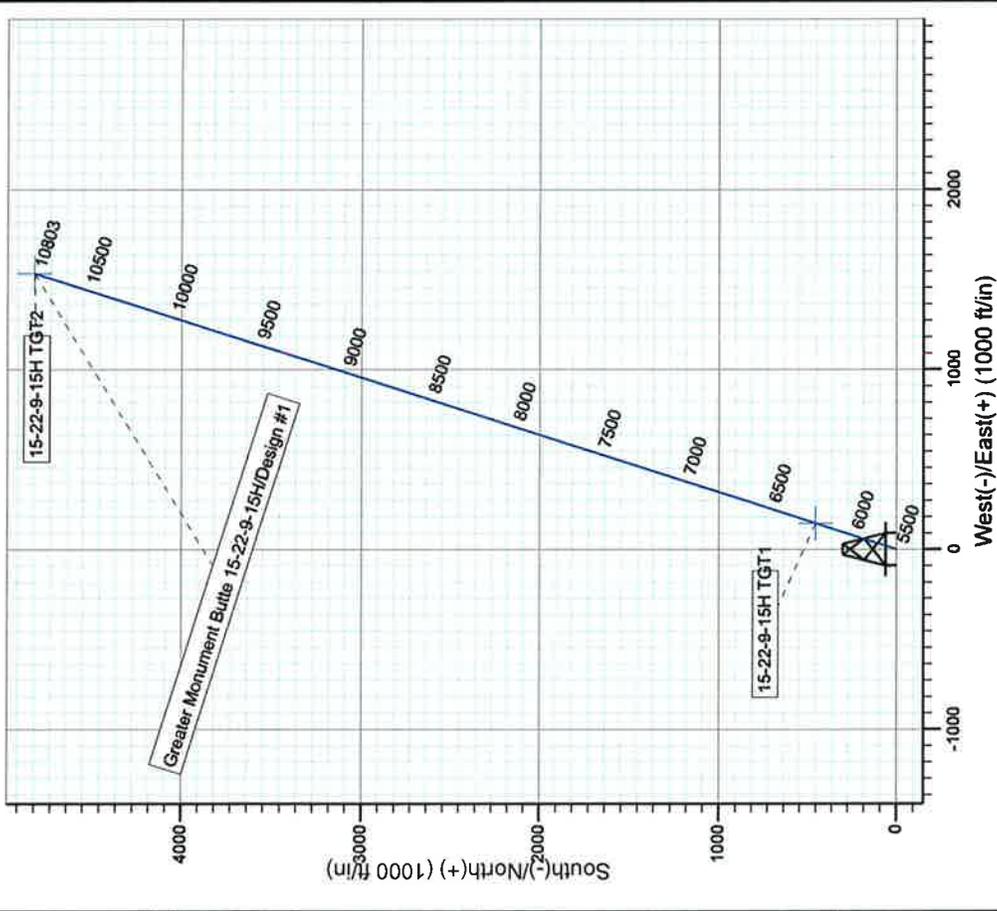
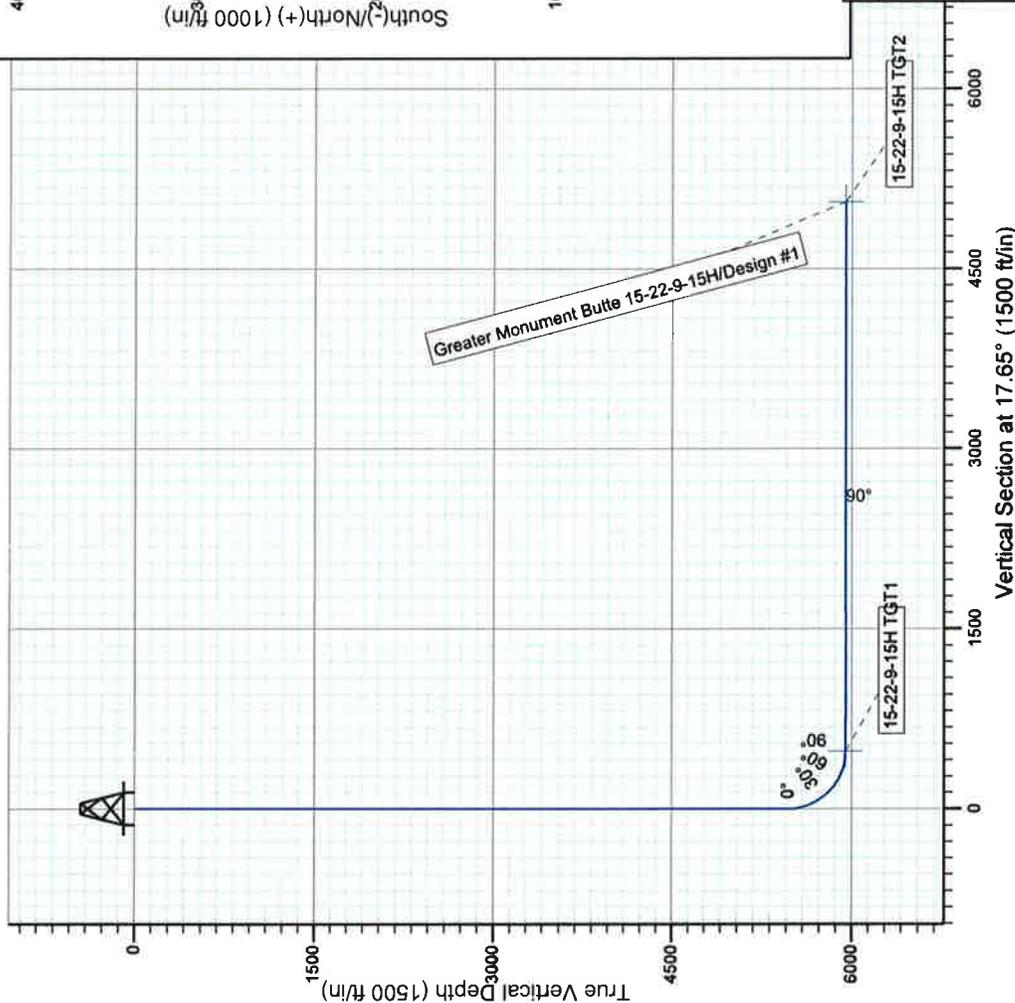
THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 11-06-09	SURVEYED BY: T.P.
DATE DRAWN: 11-23-09	DRAWN BY: F.T.M.
REVISED: 01-28-10 - M.W.	SCALE: 1" = 1000'



KOP @ 5472.5'
MAX DOGLEG RATE 12" TARGET POINTS
 Project: USGS Myton SW (UT)
 Site: SECTION 22 T9S, R15E
 Well: Greater Monument Butte 15-22-9-15H
 Wellbore: Wellbore #1
 Design: Design #1



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	5472.5	0.00	0.00	5472.5	0.0	0.0	0.00	0.00	0.0	
4	6222.5	90.00	17.65	5950.0	455.0	144.8	12.00	17.65	477.5	15-22-9-15H TGT2
5	10802.7	90.00	17.65	5950.0	4819.6	1533.5	0.00	0.00	5057.7	15-22-9-15H TGT2

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Eastings	Latitude	Longitude	Shape
15-22-9-15H TGT1	5950.0	455.0	144.8	7175751.97	2000211.55	40° 0' 43.926" N	110° 12' 55.329" W	Point
15-22-9-15H TGT2	5950.0	4819.6	1533.5	7180135.62	2001537.34	40° 1' 27.058" N	110° 12' 37.478" W	Point

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 22 T9S, R15E

Greater Monument Butte 15-22-9-15H

Wellbore #1

Plan: Design #1

Standard Planning Report

25 January, 2010

HATHAWAY  **BURNHAM**
 **DIRECTIONAL & MWD SERVICES** 



Hathaway Burnham Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well Greater Monument Butte 15-22-9-15H
Company:	NEWFIELD EXPLORATION	TVD Reference:	15-22-9-15H @ 6472.9ft (NEWFIELD RIG)
Project:	USGS Myton SW (UT)	MD Reference:	15-22-9-15H @ 6472.9ft (NEWFIELD RIG)
Site:	SECTION 22 T9S, R15E	North Reference:	True
Well:	Greater Monument Butte 15-22-9-15H	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 22 T9S, R15E, SEC 22 T9S, R15E					
Site Position:		Northing:	7,177,280.00ft	Latitude:	40° 0' 59.147 N
From:	Lat/Long	Easting:	1,999,360.00ft	Longitude:	110° 13' 5.992 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.82 °

Well Greater Monument Butte 15-22-9-15H, SHL LAT: 40 00 39.43, LONG: -110 12 57.19						
Well Position	+N/-S	-1,995.2 ft	Northing:	7,175,294.99 ft	Latitude:	40° 0' 39.430 N
	+E/-W	684.8 ft	Easting:	2,000,073.34 ft	Longitude:	110° 12' 57.190 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	6,472.9 ft	Ground Level:	6,460.9 ft

Wellbore Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2009/12/07	11.55	65.78	52,404

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 (°)	
	0.0	0.0	0.0	17.65	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,472.5	0.00	0.00	5,472.5	0.0	0.0	0.00	0.00	0.00	0.00	
6,222.5	90.00	17.65	5,950.0	455.0	144.8	12.00	12.00	0.00	17.65	
10,802.7	90.00	17.65	5,950.0	4,819.6	1,533.5	0.00	0.00	0.00	0.00	15-22-9-15H TGT2



Hathaway Burnham Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 22 T9S, R15E
Well: Greater Monument Butte 15-22-9-15H
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Greater Monument Butte 15-22-9-15H
TVD Reference: 15-22-9-15H @ 6472.9ft (NEWFIELD RIG)
MD Reference: 15-22-9-15H @ 6472.9ft (NEWFIELD RIG)
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	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00



Hathaway Burnham Planning Report



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Well:	Greater Monument Butte 15-22-9-15H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,472.5	0.00	0.00	5,472.5	0.0	0.0	0.0	0.00	0.00	0.00
5,475.0	0.30	17.65	5,475.0	0.0	0.0	0.0	12.00	12.00	0.00
5,500.0	3.30	17.65	5,500.0	0.8	0.2	0.8	12.00	12.00	0.00
5,525.0	6.30	17.65	5,524.9	2.7	0.9	2.9	12.00	12.00	0.00
5,550.0	9.30	17.65	5,549.7	6.0	1.9	6.3	12.00	12.00	0.00
5,575.0	12.30	17.65	5,574.2	10.4	3.3	11.0	12.00	12.00	0.00
5,600.0	15.30	17.65	5,598.5	16.1	5.1	16.9	12.00	12.00	0.00
5,625.0	18.30	17.65	5,622.4	23.0	7.3	24.1	12.00	12.00	0.00
5,650.0	21.30	17.65	5,645.9	31.1	9.9	32.6	12.00	12.00	0.00
5,675.0	24.30	17.65	5,669.0	40.3	12.8	42.3	12.00	12.00	0.00
5,700.0	27.30	17.65	5,691.5	50.7	16.1	53.2	12.00	12.00	0.00
5,725.0	30.30	17.65	5,713.4	62.1	19.8	65.2	12.00	12.00	0.00
5,750.0	33.30	17.65	5,734.6	74.7	23.8	78.4	12.00	12.00	0.00
5,775.0	36.30	17.65	5,755.2	88.3	28.1	92.6	12.00	12.00	0.00
5,800.0	39.30	17.65	5,774.9	102.9	32.7	108.0	12.00	12.00	0.00
5,825.0	42.30	17.65	5,793.8	118.4	37.7	124.3	12.00	12.00	0.00
5,850.0	45.30	17.65	5,811.9	134.9	42.9	141.6	12.00	12.00	0.00
5,875.0	48.30	17.65	5,829.0	152.3	48.5	159.8	12.00	12.00	0.00
5,900.0	51.30	17.65	5,845.1	170.5	54.2	178.9	12.00	12.00	0.00
5,925.0	54.30	17.65	5,860.3	189.5	60.3	198.8	12.00	12.00	0.00
5,950.0	57.30	17.65	5,874.3	209.2	66.5	219.5	12.00	12.00	0.00
5,975.0	60.30	17.65	5,887.3	229.5	73.0	240.9	12.00	12.00	0.00
6,000.0	63.30	17.65	5,899.1	250.5	79.7	262.9	12.00	12.00	0.00
6,025.0	66.30	17.65	5,909.7	272.1	86.6	285.5	12.00	12.00	0.00
6,050.0	69.30	17.65	5,919.2	294.1	93.6	308.7	12.00	12.00	0.00
6,075.0	72.30	17.65	5,927.4	316.6	100.7	332.3	12.00	12.00	0.00
6,100.0	75.30	17.65	5,934.4	339.5	108.0	356.3	12.00	12.00	0.00
6,125.0	78.30	17.65	5,940.1	362.7	115.4	380.6	12.00	12.00	0.00
6,150.0	81.30	17.65	5,944.5	386.1	122.9	405.2	12.00	12.00	0.00
6,175.0	84.30	17.65	5,947.6	409.8	130.4	430.0	12.00	12.00	0.00
6,200.0	87.30	17.65	5,949.5	433.5	137.9	454.9	12.00	12.00	0.00
6,222.5	90.00	17.65	5,950.0	455.0	144.8	477.5	12.00	12.00	0.00
15-22-9-15H TGT1									
6,300.0	90.00	17.65	5,950.0	528.8	168.3	554.9	0.00	0.00	0.00
6,400.0	90.00	17.65	5,950.0	624.1	198.6	654.9	0.00	0.00	0.00
6,500.0	90.00	17.65	5,950.0	719.4	228.9	754.9	0.00	0.00	0.00
6,600.0	90.00	17.65	5,950.0	814.7	259.2	854.9	0.00	0.00	0.00
6,700.0	90.00	17.65	5,950.0	910.0	289.5	954.9	0.00	0.00	0.00
6,800.0	90.00	17.65	5,950.0	1,005.3	319.9	1,054.9	0.00	0.00	0.00
6,900.0	90.00	17.65	5,950.0	1,100.6	350.2	1,154.9	0.00	0.00	0.00
7,000.0	90.00	17.65	5,950.0	1,195.9	380.5	1,254.9	0.00	0.00	0.00
7,100.0	90.00	17.65	5,950.0	1,291.1	410.8	1,354.9	0.00	0.00	0.00
7,200.0	90.00	17.65	5,950.0	1,386.4	441.1	1,454.9	0.00	0.00	0.00
7,300.0	90.00	17.65	5,950.0	1,481.7	471.5	1,554.9	0.00	0.00	0.00
7,400.0	90.00	17.65	5,950.0	1,577.0	501.8	1,654.9	0.00	0.00	0.00
7,500.0	90.00	17.65	5,950.0	1,672.3	532.1	1,754.9	0.00	0.00	0.00
7,600.0	90.00	17.65	5,950.0	1,767.6	562.4	1,854.9	0.00	0.00	0.00
7,700.0	90.00	17.65	5,950.0	1,862.9	592.7	1,954.9	0.00	0.00	0.00
7,800.0	90.00	17.65	5,950.0	1,958.2	623.1	2,054.9	0.00	0.00	0.00
7,900.0	90.00	17.65	5,950.0	2,053.5	653.4	2,154.9	0.00	0.00	0.00
8,000.0	90.00	17.65	5,950.0	2,148.8	683.7	2,254.9	0.00	0.00	0.00
8,100.0	90.00	17.65	5,950.0	2,244.1	714.0	2,354.9	0.00	0.00	0.00



Hathaway Burnham Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 22 T9S, R15E
Well: Greater Monument Butte 15-22-9-15H
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Greater Monument Butte 15-22-9-15H
TVD Reference: 15-22-9-15H @ 6472.9ft (NEWFIELD RIG)
MD Reference: 15-22-9-15H @ 6472.9ft (NEWFIELD RIG)
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)
8,200.0	90.00	17.65	5,950.0	2,339.4	744.3	2,454.9	0.00	0.00	0.00
8,300.0	90.00	17.65	5,950.0	2,434.7	774.7	2,554.9	0.00	0.00	0.00
8,400.0	90.00	17.65	5,950.0	2,530.0	805.0	2,654.9	0.00	0.00	0.00
8,500.0	90.00	17.65	5,950.0	2,625.2	835.3	2,754.9	0.00	0.00	0.00
8,600.0	90.00	17.65	5,950.0	2,720.5	865.6	2,854.9	0.00	0.00	0.00
8,700.0	90.00	17.65	5,950.0	2,815.8	895.9	2,954.9	0.00	0.00	0.00
8,800.0	90.00	17.65	5,950.0	2,911.1	926.3	3,054.9	0.00	0.00	0.00
8,900.0	90.00	17.65	5,950.0	3,006.4	956.6	3,154.9	0.00	0.00	0.00
9,000.0	90.00	17.65	5,950.0	3,101.7	986.9	3,254.9	0.00	0.00	0.00
9,100.0	90.00	17.65	5,950.0	3,197.0	1,017.2	3,354.9	0.00	0.00	0.00
9,200.0	90.00	17.65	5,950.0	3,292.3	1,047.5	3,454.9	0.00	0.00	0.00
9,300.0	90.00	17.65	5,950.0	3,387.6	1,077.9	3,554.9	0.00	0.00	0.00
9,400.0	90.00	17.65	5,950.0	3,482.9	1,108.2	3,654.9	0.00	0.00	0.00
9,500.0	90.00	17.65	5,950.0	3,578.2	1,138.5	3,754.9	0.00	0.00	0.00
9,600.0	90.00	17.65	5,950.0	3,673.5	1,168.8	3,854.9	0.00	0.00	0.00
9,700.0	90.00	17.65	5,950.0	3,768.8	1,199.1	3,954.9	0.00	0.00	0.00
9,800.0	90.00	17.65	5,950.0	3,864.0	1,229.5	4,054.9	0.00	0.00	0.00
9,900.0	90.00	17.65	5,950.0	3,959.3	1,259.8	4,154.9	0.00	0.00	0.00
10,000.0	90.00	17.65	5,950.0	4,054.6	1,290.1	4,254.9	0.00	0.00	0.00
10,100.0	90.00	17.65	5,950.0	4,149.9	1,320.4	4,354.9	0.00	0.00	0.00
10,200.0	90.00	17.65	5,950.0	4,245.2	1,350.7	4,454.9	0.00	0.00	0.00
10,300.0	90.00	17.65	5,950.0	4,340.5	1,381.1	4,554.9	0.00	0.00	0.00
10,400.0	90.00	17.65	5,950.0	4,435.8	1,411.4	4,654.9	0.00	0.00	0.00
10,500.0	90.00	17.65	5,950.0	4,531.1	1,441.7	4,754.9	0.00	0.00	0.00
10,600.0	90.00	17.65	5,950.0	4,626.4	1,472.0	4,854.9	0.00	0.00	0.00
10,700.0	90.00	17.65	5,950.0	4,721.7	1,502.3	4,954.9	0.00	0.00	0.00
10,802.7	90.00	17.65	5,950.0	4,819.6	1,533.5	5,057.7	0.00	0.00	0.00

15-22-9-15H TGT2

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
15-22-9-15H TGT2 - plan hits target - Point	0.00	0.00	5,950.0	4,819.6	1,533.5	7,180,135.62	2,001,537.34	40° 1' 27.058 N	110° 12' 37.478 W
15-22-9-15H TGT1 - plan hits target - Point	0.00	0.00	5,950.0	455.0	144.8	7,175,751.97	2,000,211.55	40° 0' 43.926 N	110° 12' 55.329 W

**NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE 15-22-9-15H
SHL: SW/SE SECTION 22, T9S, R15E
BHL: SE/SE SECTION 15, T9S, R15E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

This well is designed as a horizontal in the Basal Carbonate formation, at the base of the Green River formation. The well will be drilled vertically to a kick off point of 5,473'. Directional tools will then be used to build to 90° inclination and the well will be landed in the Basal Carbonate formation. The lateral will be drilled to the proposed bottomhole location, and 5-1/2" production casing will be run to TD and cemented in place.

1. GEOLOGIC SURFACE FORMATION:

Uinta formation

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Green River	1,500'
Target (Basal Carbonate)	5,950'
TD	5,950' TVD / 10,803' MD

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

Green River Formation (Oil) 4,000' – 6,000' TVD

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 Bicarbonate (NaHCO₃) (mg/l)
 Dissolved Sulfate (SO₄) (mg/l)

Dissolved Carbonate (CO₃) (mg/l)
 Dissolved Chloride (Cl) (mg/l)
 Dissolved Total Solids (TDS) (mg/l)

4. PROPOSED CASING PROGRAM

a. Casing Design

Description	Interval		Weight (lb/ft)	Grade	Coupling	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Design Factors		
	Top	Btm							Burst	Collapse	Tension
Surface 8-5/8"	0'	300'	24.0	J-55	STC	8.33	8.33	12.0	15.02	12.30	29.05
Prod 5-1/2"	0'	5950' TVD 10803' MD	15.5	J-55	LTC	8.33	8.5	--	2.54	2.14	2.59

Assumptions:

- 1) Surface casing MASP = (frac gradient + 1.0 ppg) - gas gradient
- 2) Interm casing MASP = frac gradient - seawater gradient
- 3) Production casing MASP (production mode) = reservoir pressure - gas gradient
- 4) All collapse calculations assume fully evacuated casing = mud weightTD - gas gradient
- 5) All tension calculations assume air weight

All casing shall be new.

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

b. Cement Design

Job	Fill	Description	Sacks FT ³	Excess	Weight (ppg)	Yield (ft ³ /sk)
Surface Casing	300'	Class G w/ 2% CaCl ₂ , 0.25 lbs/sk Cello Flake	138 161	30%	15.8	1.17
Prod Casing Lead	4,000'	Prem Lite II w/ 3% KCl, 2% Bentonite (or equivalent cement)	258 901	30%	11.0	3.49
Prod Casing Tail	6,803'	50/50 Poz Class G w/ 3% KCl, 2% Bentonite (or equivalent cement)	1236 1532	30%	14.3	1.24

A 12-1/4" hole will be drilled for the surface casing. A 7-7/8" hole will be drilled vertically, for the curve, and for the lateral. The 5-1/2" production casing will be set in 7-7/8" hole size.

Actual cement volumes will be calculated from open hole logs, plus 15% excess.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

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.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

The minimum diameter for conductor pipe shall be 13 3/8". The conductor pipe will be cemented back to surface or removed.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

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

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 2M system.

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and a rotating head per **Exhibit C**. This system will be in accordance to the specifications listed in the Standard Operating Procedures for the Greater Monument Butte Green River Development Program.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

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

From surface to 300', an air system will be used. From 300' to TD, a fresh water or brine water system will be utilized. Anticipated maximum mud weight is 9.0 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.

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

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

a. **Logging Program:**

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DIL: TD - 3,200'

CBL: A cement bond log will be run from KOP to the cement top of the production casing. A field copy will be submitted to the Vernal BLM Office.

b. **Cores:** As deemed necessary.

c. **Drill Stem Tests:** No DSTs are planned in the Green River/Wasatch section. It is possible that DST may be required in the Green River Formation.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

There is no abnormal pressure or temperature expected. Maximum anticipated bottomhole pressure will be approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

a. Drilling Activity

Anticipated Commencement Date:	Upon approval of the site specific APD.
Drilling Days:	Approximately 10 days.
Completion Days:	Approximately 12 - 20 days.

b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing.. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 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 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

2-M SYSTEM

Blowout Prevention Equipment Systems

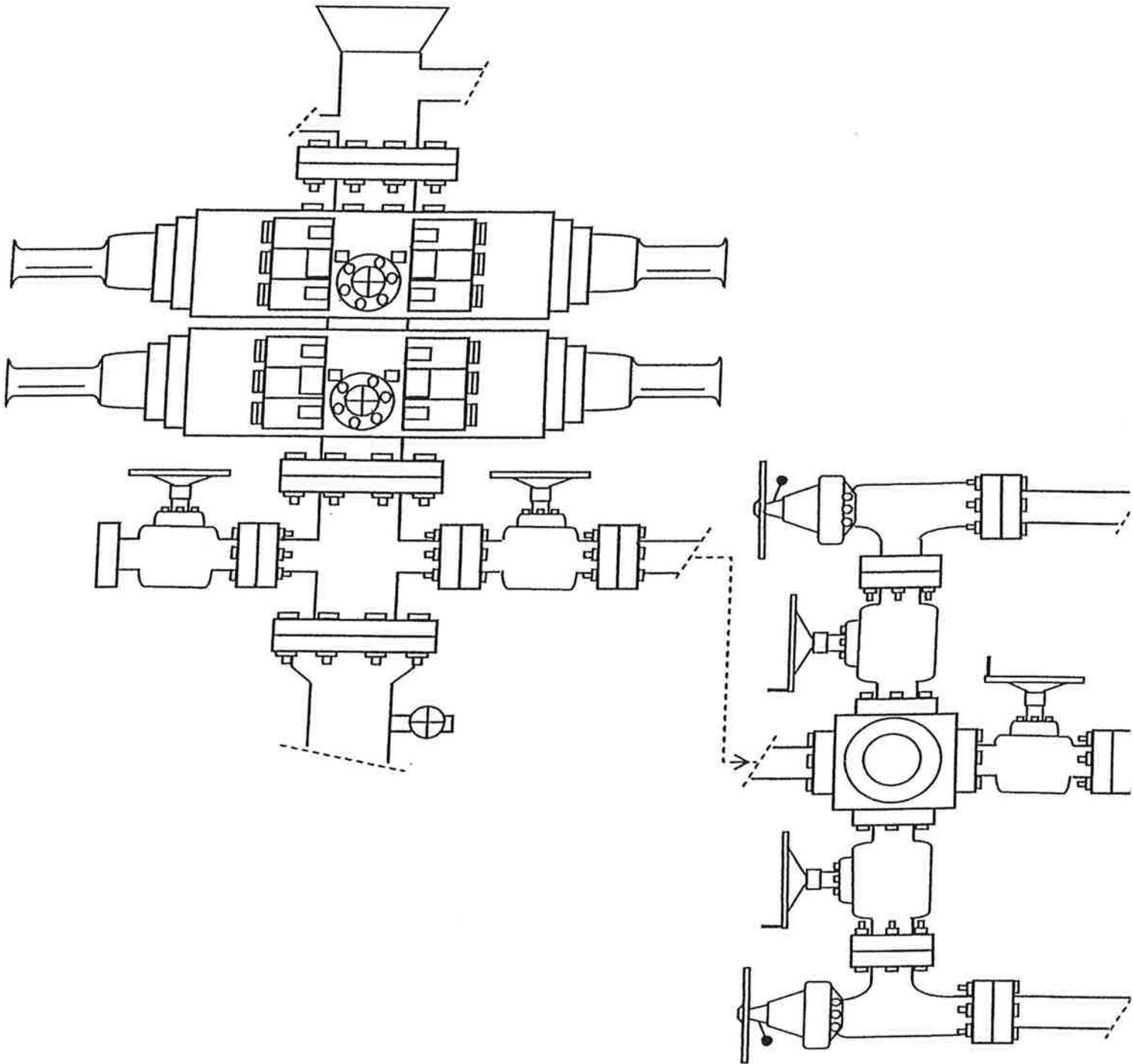
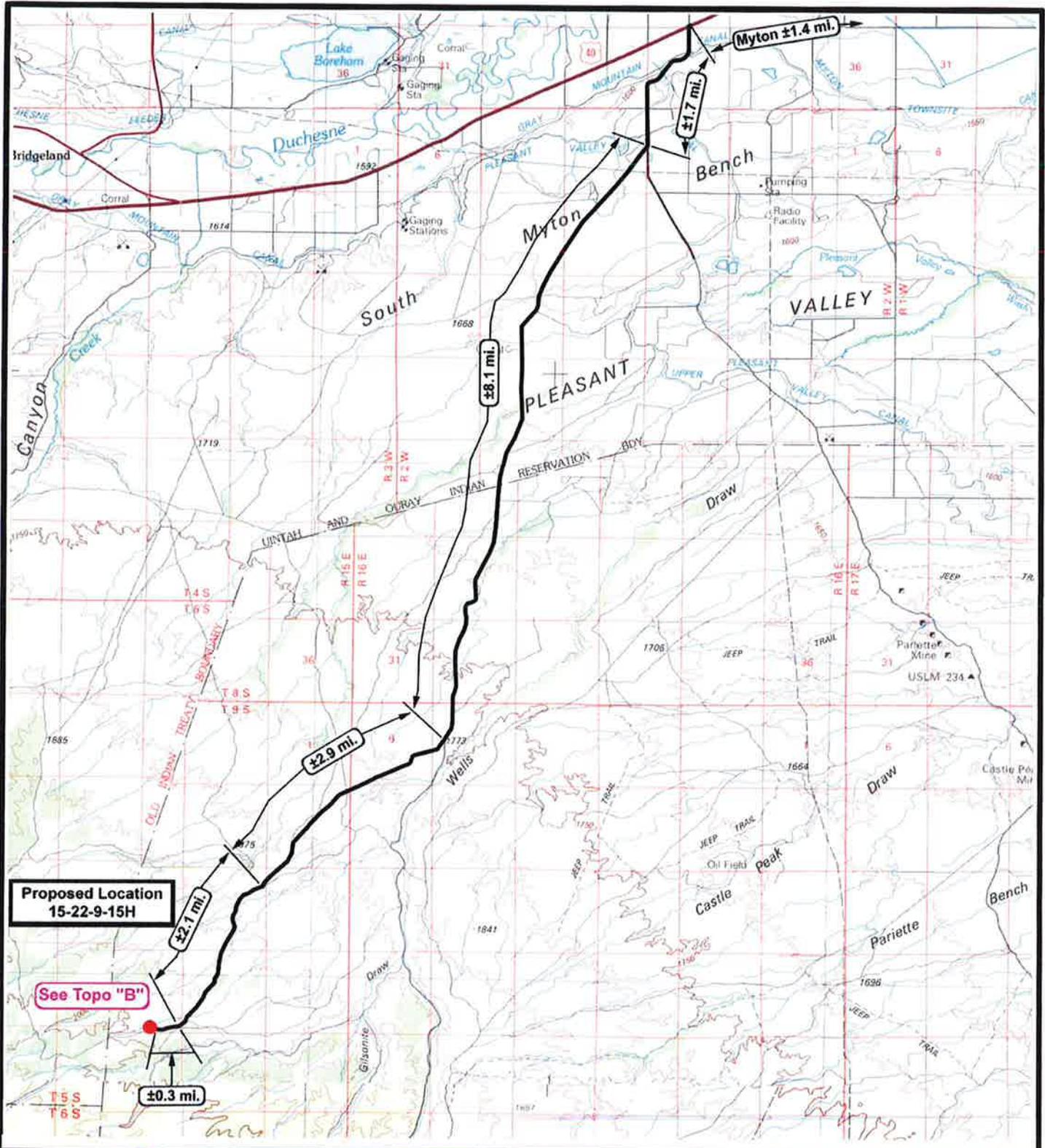


EXHIBIT C



**Proposed Location
15-22-9-15H**

See Topo "B"

NEWFIELD
Exploration Company

15-22-9-15H
SEC. 22, T9S, R15E, S.L.B.&M.



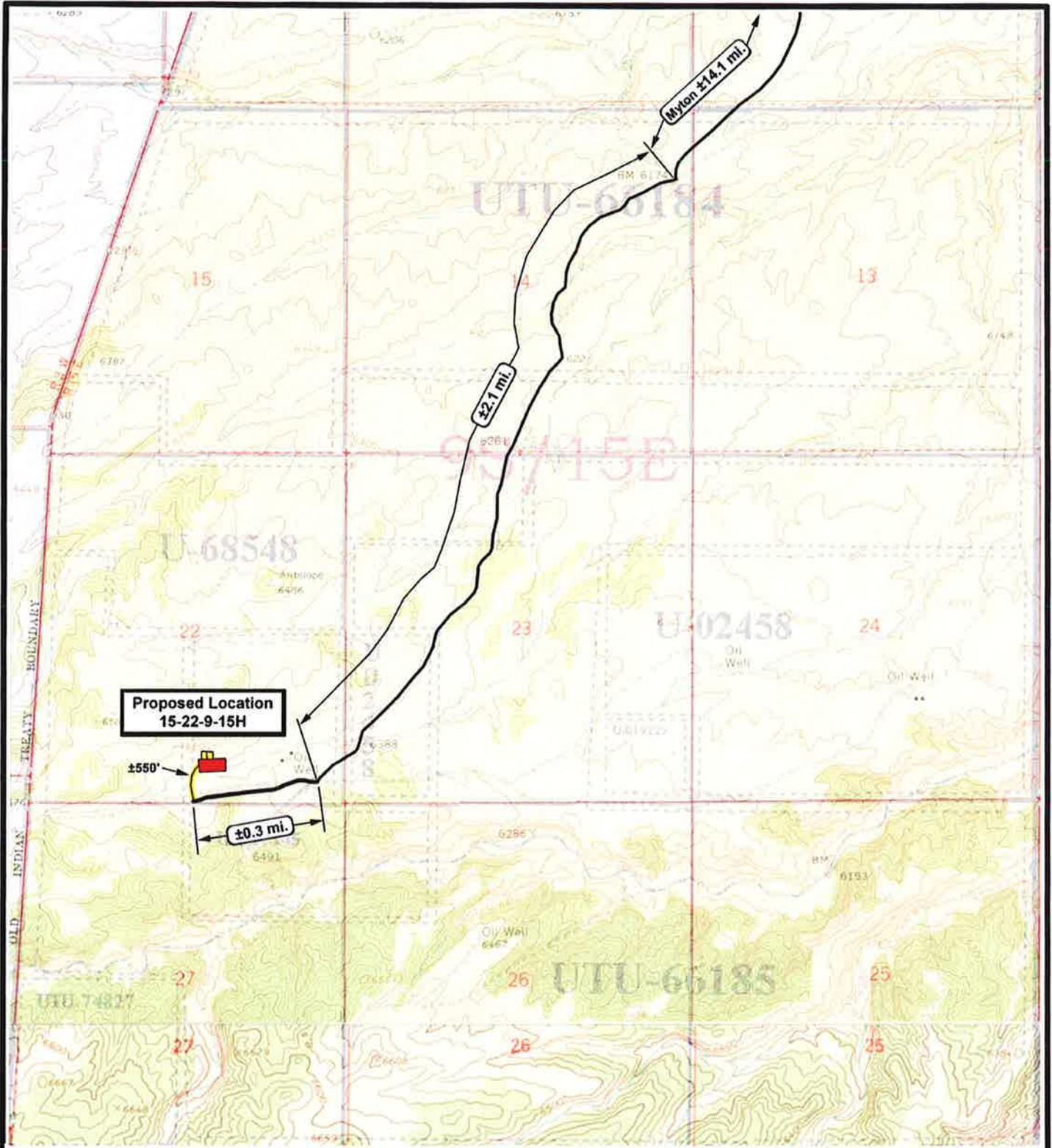
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: JAS
DATE: 01-28-2010

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"




NEWFIELD
Exploration Company

15-22-9-15H
SEC. 22, T9S, R15E, S.L.B.&M.



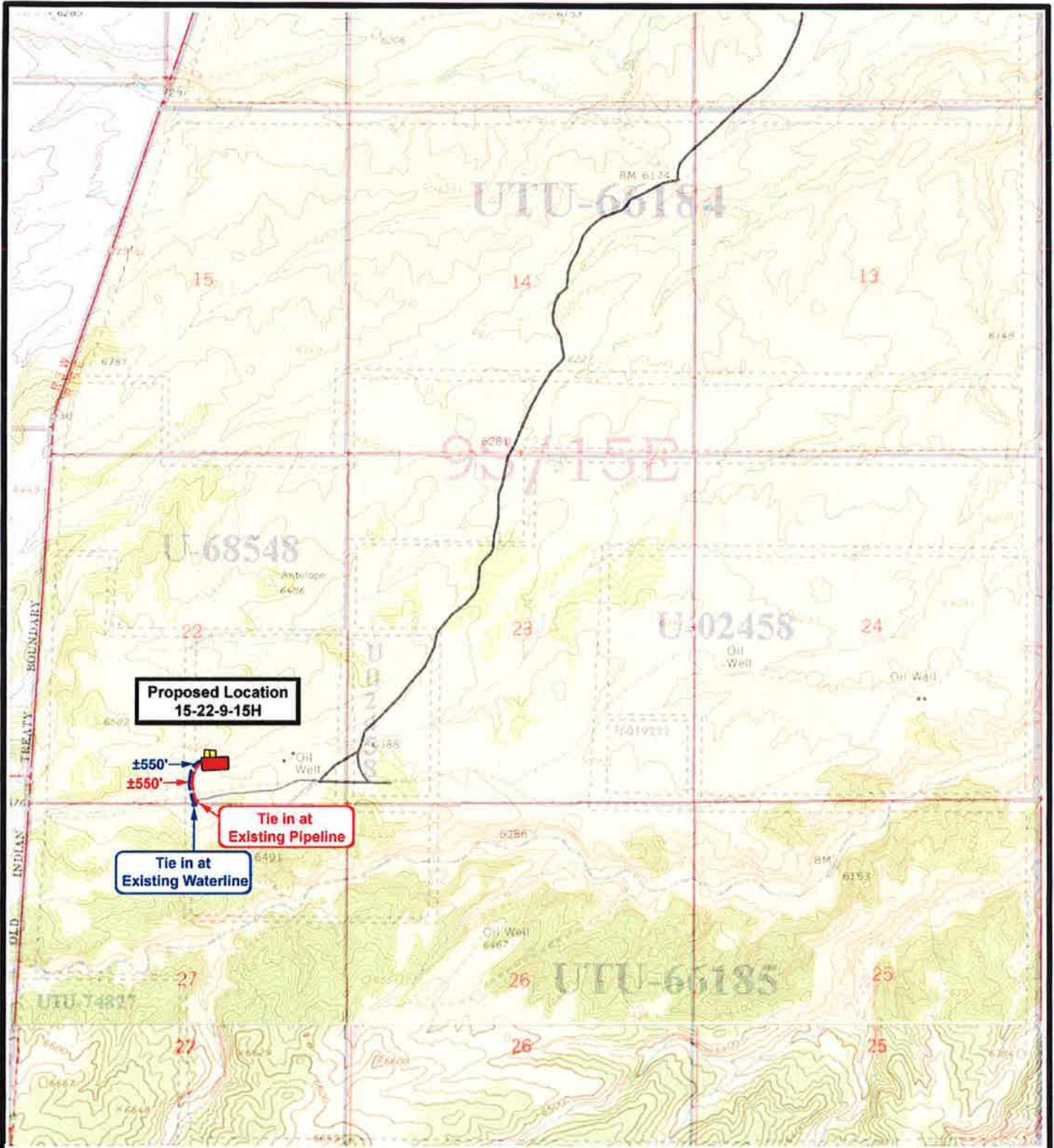

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 01-28-2010

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP
"B"



 **NEWFIELD**
Exploration Company

15-22-9-15H
SEC. 22, T9S, R15E, S.L.B.&M.



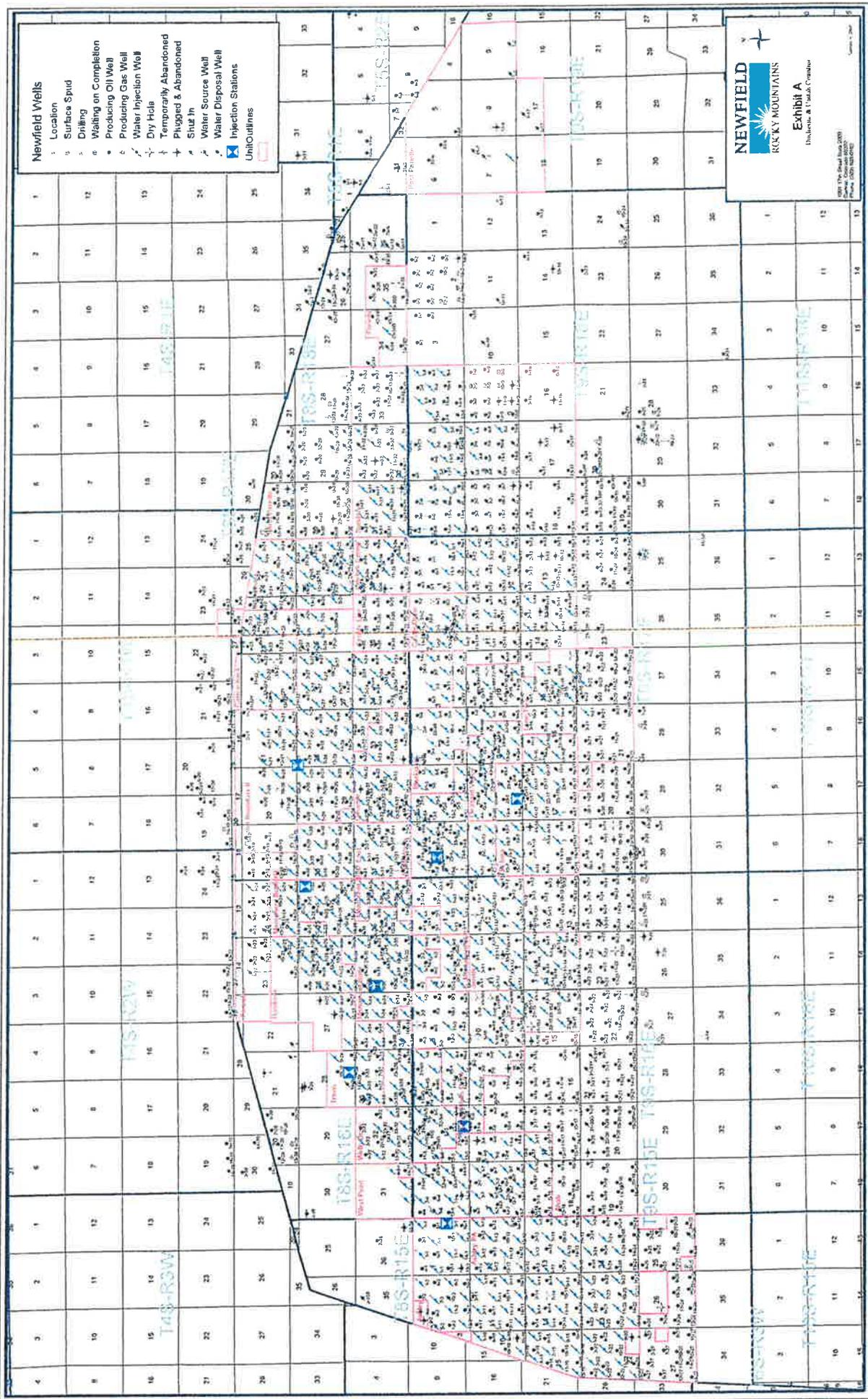
**Tri-State**
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

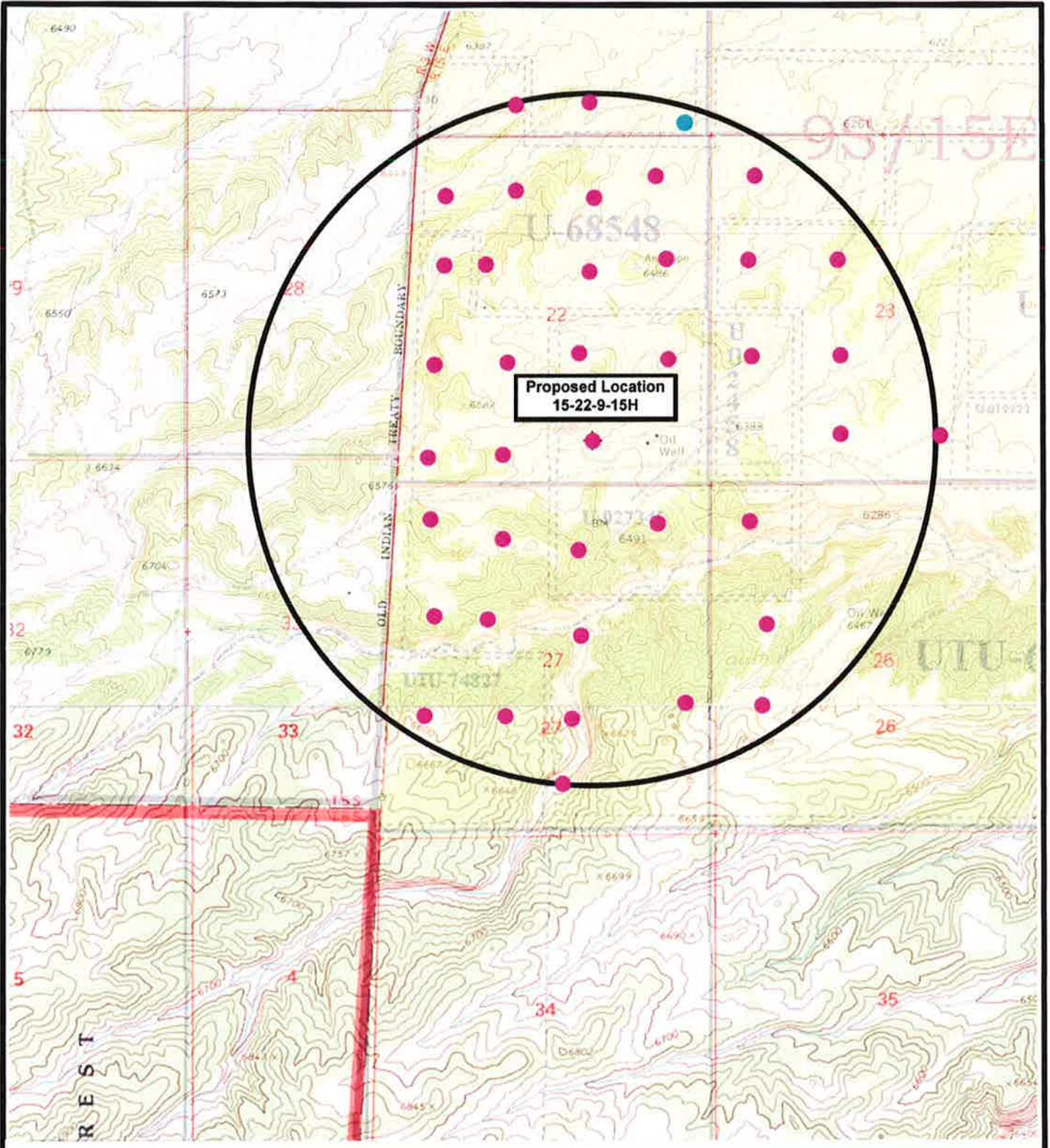
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 01-28-2010

Legend

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP
"C"





 **NEWFIELD**
Exploration Company

15-22-9-15H
SEC. 22, T9S, R15E, 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: 01-28-2010

Legend

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

Exhibit "B"

**NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE 15-22-9-15H
AT SURFACE: SW/SE SECTION 22, T9S, R15E
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 15-22-9-15H located in the SW 1/4 SE 1/4 Section 14, T9S, R15E, 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 southwesterly - 15.1 miles \pm to it's junction with the beginning of the access road to the north; proceed northerly along the proposed access road - 550' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Olive Black.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

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

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #03-59, 9/15/03. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 550' of disturbed area be granted in Lease UTU-027345 to allow for construction of the planned access road. **Refer to Topographic Map "B"**. A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. 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.

Newfield Production Company requests 550' of disturbed area be granted in Lease UTU-027345 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 550' of disturbed area be granted in Lease UTU-027345 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

Water Disposal

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.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Greater Monument Butte 15-22-9-15H

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP and as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Greater Monument Butte 15-22-9-15H was on-sited on 12/16/09. The following were present; Tim Eaton (Newfield Production) and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 20% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Tim Eaton

Address: 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 #15-22-9-15H SW/SE Section 22, Township 9S, Range 15E: Lease UTU-027345 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 18 U.S.C. 1001 for the filing of a false statement.

1/28/10

Date



Mandie Crozier

Regulatory Specialist

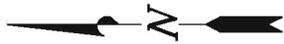
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

15-22-9-15H (Proposed Well)

Pad Location: SWSE Section 22, T9S, R15E, S.L.B.&M.



N17°39'00"E - 5057.67'
(Bottom of Hole)

TOP HOLE FOOTAGES

15-22-9-15H (PROPOSED)
661' FSL & 1978' FEL

BOTTOM HOLE FOOTAGES

15-22-9-15H (PROPOSED)
172' FSL & 375' FEL

S85°49'01"W

15-22-9-15H (PROPOSED)

Proposed Access

Edge of Proposed Pad

Note:

Bearings are based on GPS Observations.

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
15-22-9-15H	4820'	1533'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
15-22-9-15H	40° 00' 39.43"	110° 12' 57.19"

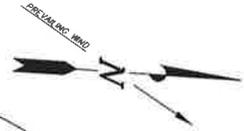
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 DRAWN BY: F.T.M. DATE DRAWN: 11-18-09
 SCALE: 1" = 50' REVISED: M.W. - 01-28-10

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

NEWFIELD PRODUCTION COMPANY

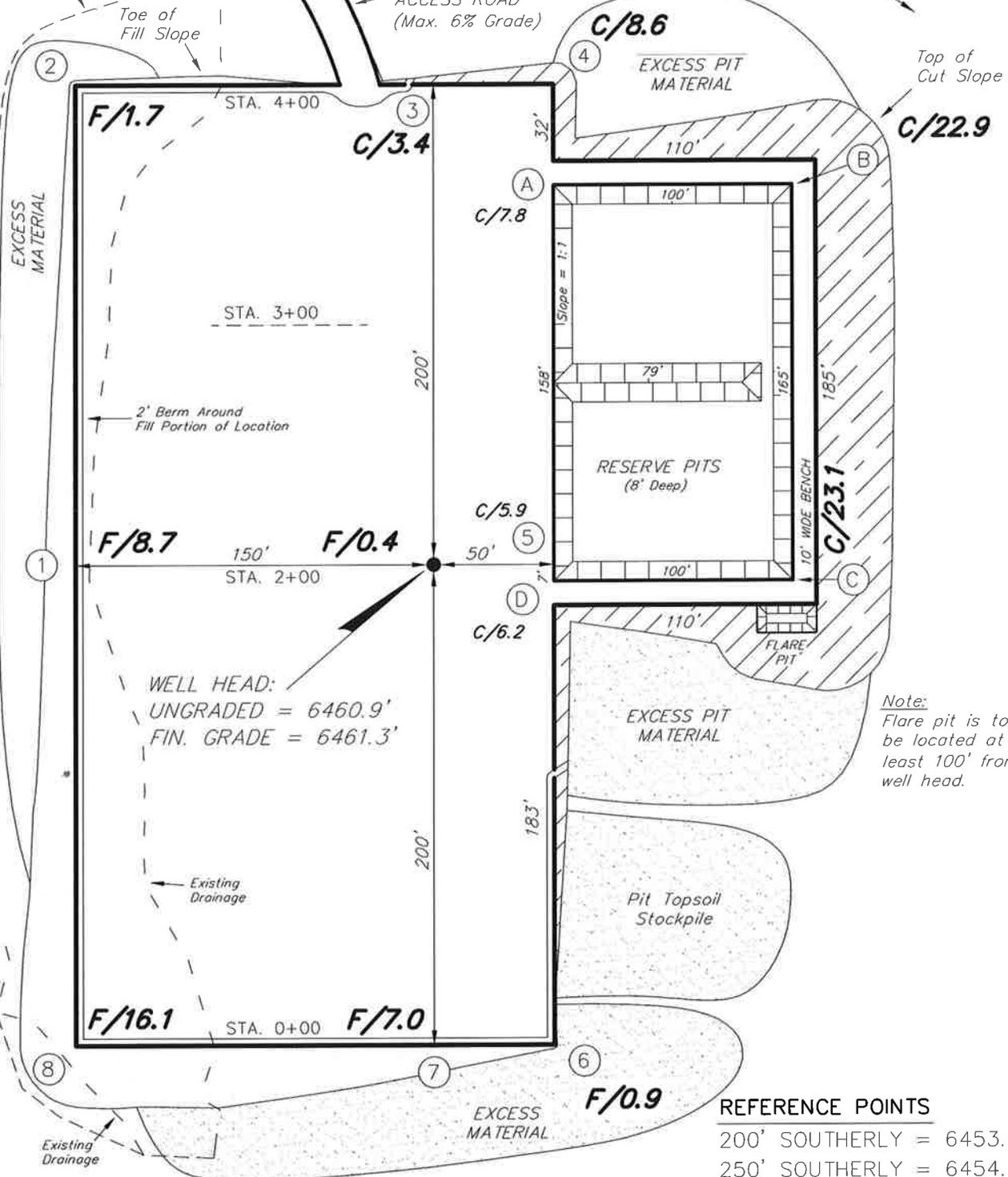
15-22-9-15H

SECTION 22, T9S, R15E, S.L.B.&M.



Reroute Drainage as Necessary

PROPOSED ACCESS ROAD (Max. 6% Grade)



WELL HEAD:
UNGRADED = 6460.9'
FIN. GRADE = 6461.3'

Note:
Flare pit is to be located at least 100' from well head.

- REFERENCE POINTS**
- 200' SOUTHERLY = 6453.5'
 - 250' SOUTHERLY = 6454.1'
 - 250' EASTERLY = 6451.2'
 - 300' EASTERLY = 6447.9'

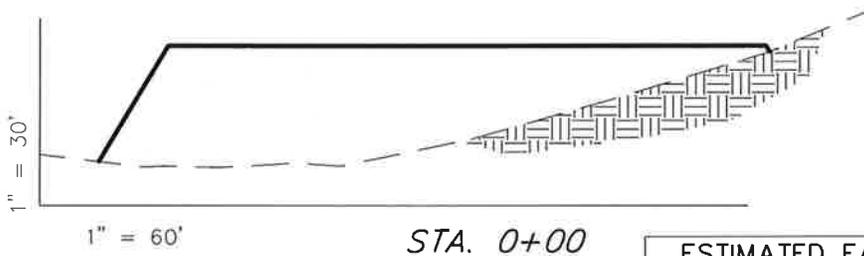
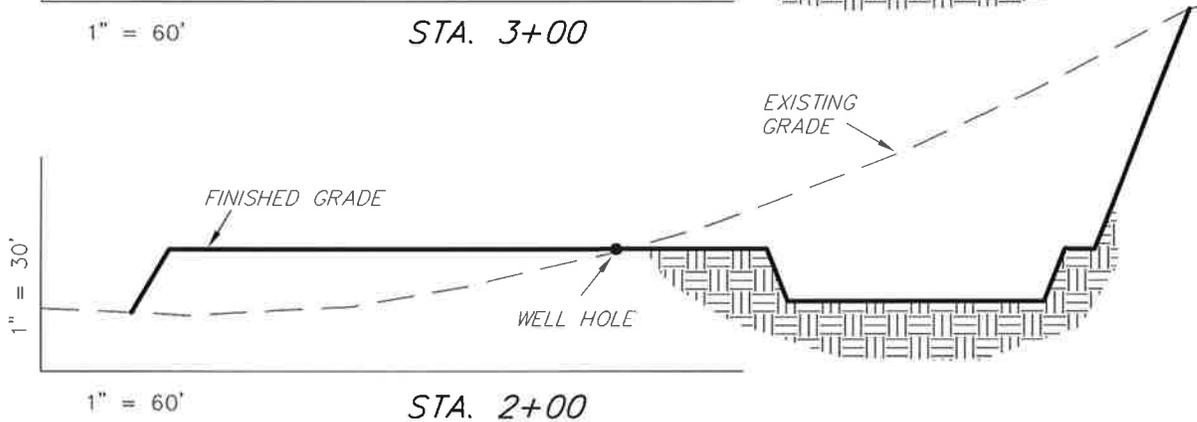
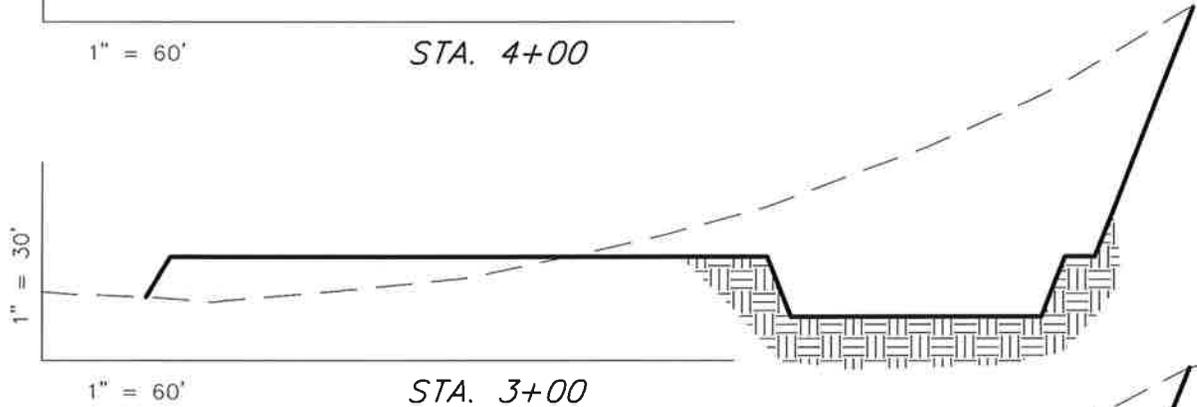
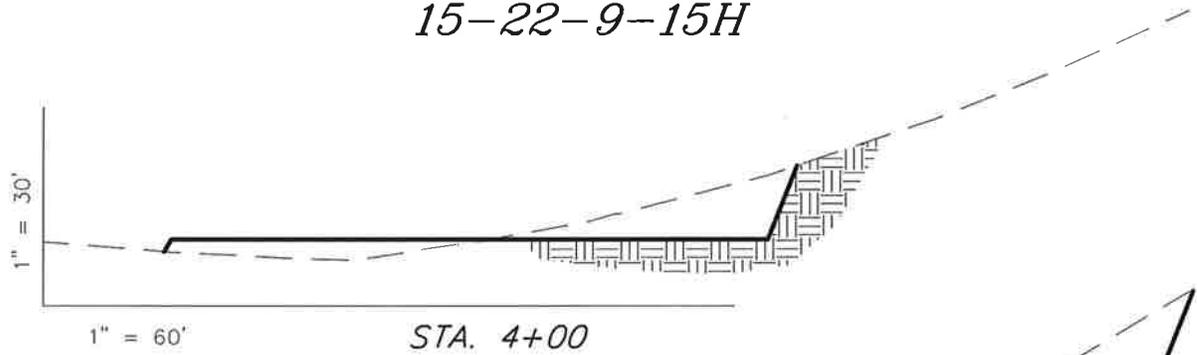
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DRAWN BY: F.T.M.	DATE DRAWN: 11-23-09
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Land Surveying, Inc.
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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

15-22-9-15H



ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	17,750	17,750	Topsoil is not included in Pad Cut	0
PIT	4,100	0		4,100
TOTALS	21,850	17,750	2,270	4,100

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

SURVEYED BY: T.P.	DATE SURVEYED: 11-06-09
DRAWN BY: F.T.M.	DATE DRAWN: 11-23-09
SCALE: 1" = 60'	REVISED: M.W. - 01-28-10

(435) 781-2501

Tri State
Land Surveying, Inc.

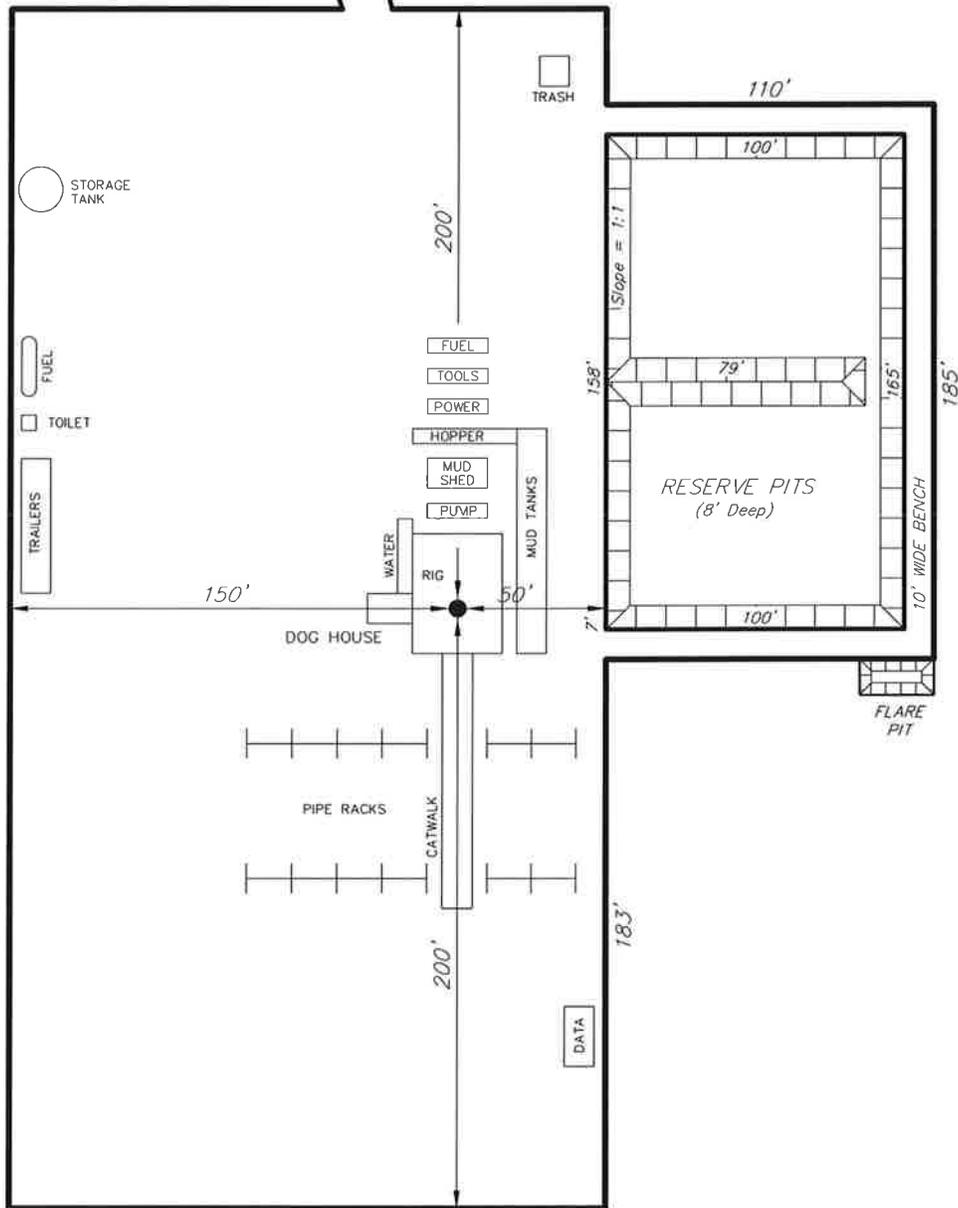
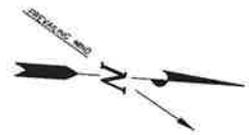
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

15-22-9-15H

PROPOSED
ACCESS ROAD
(Max. 6% Grade)



SURVEYED BY: T.P.	DATE SURVEYED: 11-06-09
DRAWN BY: F.T.M.	DATE DRAWN: 11-23-09
SCALE: 1" = 60'	REVISED: M.W. - 01-28-10

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

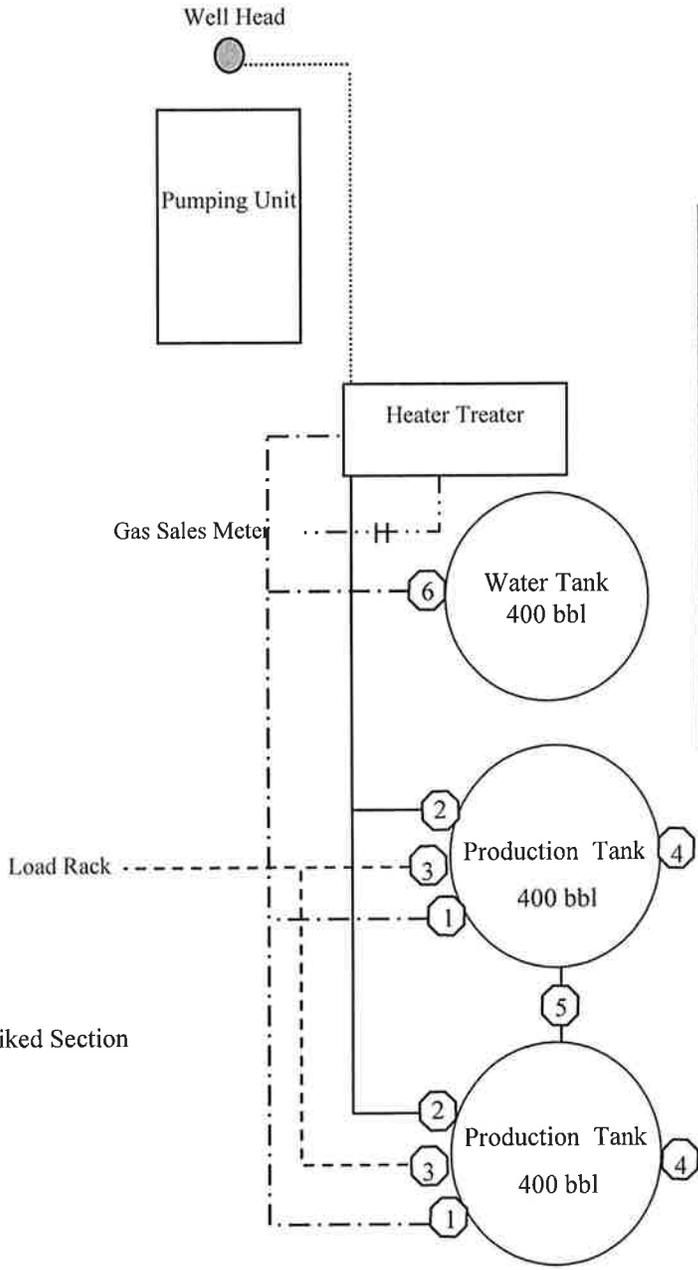
Newfield Production Company Proposed Site Facility Diagram

Greater Monument Butte 15-22-9-15H

SW/SE Sec. 22 T9S, R15E

Duchesne County, Utah

UTU-027345



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Rack	-----
Water Line	-.-.-.-
Gas Sales
Oil Line	————

15-22-9-15H

Exhibit "D"

1 of 2

**CULTURAL RESOURCE INVENTORY OF
INLAND RESOURCES' 1573 ACRE ASHLEY UNIT, IN
TOWNSHIP 9S, RANGE 15E, SECTIONS 22, 23 AND 24,
DUCHESNE COUNTY, UTAH**

By:

**Christopher M Nicholson
and
Keith R. Montgomery**

Prepared For:

**Bureau of Land Management
Vernal Field Office
Vernal, Utah**

Prepared Under Contract With:

**Inland Resources
Route 3, Box 3630
Myton, UT 84052**

Prepared By:

**Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532**

MOAC Report No. 03-59

September 15, 2003

**United States Department of Interior (FLPMA)
Permit No. 03-UT-60122**

**State of Utah Antiquities Project (Survey)
Permit No. U-03-MQ-0392b**

INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

(South half Section 13, south half Section 14, south half Section 15,
entire Sections 22, 23, 24, T 9 S, R 15 E; Section 5 minus SW &
SE 1/4, SE 1/4, and existing well site at NW 1/4, NE 1/4, T 9 S, R 18 E)

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 7, 2003

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)

February 10, 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 vertical and horizontal 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)		
43-013-34222	GMBBU 14-36-8-15H	Sec 36 T08S R15E 0502 FSL 2096 FWL
	Lateral 1	Sec 36 T08S R15E 0386 FNL 0824 FEL
43-013-50242	GMBU 14-14T-9-15H	Sec 14 T09S R15E 0510 FSL 2307 FWL
	Lateral 1	Sec 14 T09S R15E 0283 FNL 1150 FEL
43-013-50243	GMBU 15-22-9-15H	Sec 22 T09S R15E 0661 FSL 1978 FEL
	Lateral 1	Sec 15 T09S R15E 0172 FSL 0375 FEL
43-013-50244	GMBU I-2-9-16	Sec 02 T09S R16E 0750 FNL 0755 FEL
	BHL	Sec 02 T09S R16E 1207 FNL 1320 FEL
43-013-50248	GMBU E-1-9-16	Sec 01 T09S R16E 0787 FNL 0628 FWL
	BHL	Sec 01 T09S R16E 0010 FNL 0010 FWL
43-013-50249	GMBU D-1-9-16	Sec 01 T09S R16E 0775 FNL 0645 FWL
	BHL	Sec 01 T09S R16E 0010 FNL 1395 FWL
43-013-50250	GMBU M-1-9-16	Sec 01 T09S R16E 1998 FSL 1974 FWL
	BHL	Sec 01 T09S R16E 2630 FNL 2630 FEL
43-013-50251	GMBU N-1-9-16	Sec 01 T09S R16E 1965 FNL 0674 FWL
	BHL	Sec 01 T09S R16E 2635 FSL 1325 FWL

43-013-50252	GMBU C-26-8-16	Sec 23 T08S R16E 0635 FSL 1972 FWL
		BHL Sec 26 T08S R16E 0010 FNL 2635 FEL
43-013-50253	GMBU A-11-9-16	Sec 01 T09S R16E 0856 FSL 0817 FWL
		BHL Sec 11 T09S R16E 0010 FNL 0010 FEL
43-013-50254	GMBU T-2-9-16	Sec 01 T09S R16E 0871 FSL 0831 FWL
		BHL Sec 02 T09S R16E 1325 FSL 0010 FEL
43-013-50255	GMBU F-2-9-16	Sec 03 T09S R16E 2103 FNL 0451 FEL
		BHL Sec 02 T09S R16E 1390 FNL 0010 FWL
43-013-50256	GMBU O-2-9-16	Sec 03 T09S R16E 2113 FNL 0470 FEL
		BHL Sec 02 T09S R16E 2451 FSL 0075 FWL
43-013-50257	GMBU H-1-9-16	Sec 01 T09S R16E 0679 FNL 1992 FEL
		BHL Sec 01 T09S R16E 1325 FNL 2635 FWL
43-013-50258	GMBU R-26-8-16	Sec 26 T08S R16E 1970 FSL 2033 FEL
		BHL Sec 26 T08S R16E 1310 FSL 2635 FWL

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

/s/ Michael L. Coulthard

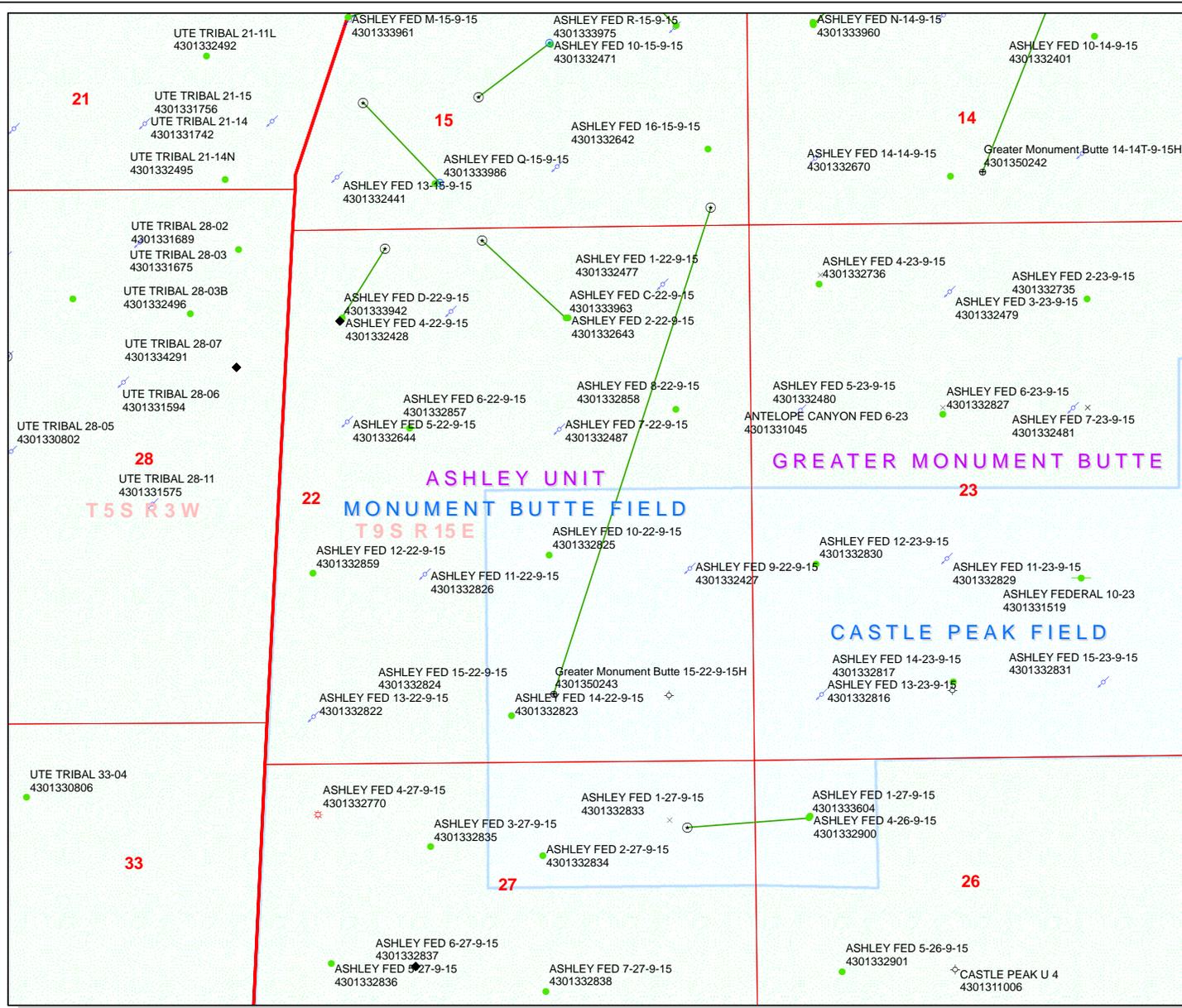
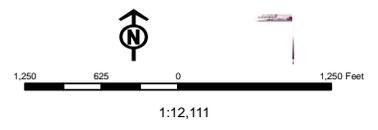
bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:2-10-10

API Number: 4301350243
Well Name: Greater Monument Butte 15-22-9-15H
Township 09.0 S Range 15.0 E Section 22
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 GEOTHERML	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Fields	SGW - Shut-in Gas Well
STATUS	SOW - Shut-in Oil Well
Unknown	TA - Temp. Abandoned
ABANDONED	TW - Test Well
ACTIVE	WDW - Water Disposal
COMBINED	WW - Water Injection Well
INACTIVE	WISW - Water Supply Well
STORAGE	
TERMINATED	
Sections	
Township	



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 1/29/2010

API NO. ASSIGNED: 43013502430000

WELL NAME: Greater Monument Butte 15-22-9-15H

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWSE 22 090S 150E

Permit Tech Review:

SURFACE: 0661 FSL 1978 FEL

Engineering Review:

BOTTOM: 0172 FSL 0375 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.01103

LONGITUDE: -110.21518

UTM SURF EASTINGS: 566983.00

NORTHINGS: 4429066.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-027345

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**

Commingle 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: 4 - Federal Approval - dmason
15 - Directional - bhll



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

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 15-22-9-15H
API Well Number: 43013502430000
Lease Number: UTU-027345
Surface Owner: FEDERAL
Approval Date: 2/17/2010

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

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.

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

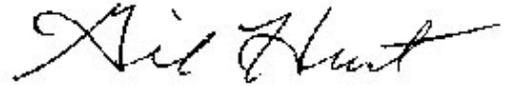
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

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:

A handwritten signature in black ink, appearing to read "Gil Hunt". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Gil Hunt
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
SUNDRY NOTICES AND REPORTS ON WELLS 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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Greater Monument Butte 15-22-9-15H
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013502430000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1978 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 09.0S Range: 15.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/10/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Tight Hole Status"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Requests that "Tight Hole Status" be placed on the above mention well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 11, 2010

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 8/10/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
SUNDRY NOTICES AND REPORTS ON WELLS 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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GREATER MON BUTTE 15-22-9-15H
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013502430000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1978 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 09.0S Range: 15.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/17/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to extend the Application for Permit to Drill this well for one year.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 02/09/2011
By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 2/8/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013502430000

API: 43013502430000

Well Name: GREATER MON BUTTE 15-22-9-15H

Location: 0661 FSL 1978 FEL QTR SWSE SEC 22 TWP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 2/17/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Mandie Crozier

Date: 2/8/2011

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL OR REENTER

5a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-027345
5b. 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 15-22-9-15H
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-50243
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SE 661' FSL 1978' FEL Sec. 22, T9S R15E (UTU-027345) At proposed prod. zone SE/SE 172' FSL 375' FEL Sec. 15, T9S R15E (UTU-66184)		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 16.5 miles southwest of Myton, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 22, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 172' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 280.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 320 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 601'	13. State UT
19. Proposed Depth 5,950'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6461' GL	22. Approximate date work will start* 2nd Qtr. 2010	23. Estimated duration (10) 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:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/9/10
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date FEB 14 2011
Title 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.

CONDITIONS OF APPROVAL 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)

NOTICE OF APPROVAL

UDOGM

105X50130A

2010 FEB 13 PM 12 12

RECEIVED
VERNAL FIELD OFFICE

NOS 12/4/2009

RECEIVED

FEB 28 2011

DIV. OF OIL, GAS & MINING



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	SWSE, Sec. 22, T9S, R15E
Well No:	Greater Monument Butte 15-22-9-15H	Lease No:	UTU-027345
API No:	43-013-50243	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.
- Construction and drilling is not allowed from February 1 – August 31 to minimize impacts during golden eagle 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.
- A hospital muffler will be used on the pump-jack upon completion in order to reduce noise levels for nesting raptors in the area.
- All permanent (meaning on site for six months or longer) structures will be painted Covert Green to match the surrounding landscape color unless otherwise authorized. This will include all facilities except those required to comply with Occupational Safety and Health Act (OSHA) regulations.
- 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.

Interim and Final Reclamation Seed Mixture

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Bluebunch wheatgrass	<i>Pseudoroegneria spicata</i>	3.0	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"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	1.0	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) 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:

- Mud program equipment is to include mud-gas separator (gas buster) processing equipment.
- Production casing for the upper 2500 ft (surface to a depth of 2500 ft) is to be upgraded to a minimum of 5.5" J-55 17.0# ltc. This is an upgrade or move up of one weight level from the operators proposed production casing design.
- Production casing string design factor co-efficient for tension loading is deficient. Production casing selection of 5.5" J-55 15.5# ltc is marginal or deficient in the area of design factor co-efficient for axial loading (joint strength).
- Surface casing shall be set at a depth of 500 ft or deeper.
- Production casing cement shall be brought up and into the surface.
- Logging a directional wellbore with horizontal lateral leg: A Gamma Ray well Log shall be run in the vertical portion of the wellbore from the well Measured Depth of 6000 feet to the surface.
- A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

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_Welllogs@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.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- 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 ($\frac{1}{4}$ $\frac{1}{4}$, 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.

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

Operator Newfield Exploration Rig Name/# Ross 31 Submitted
By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU 15-22-9-15H
Qtr/Qtr SW/SE Section 22 Township 9S Range 15E
Lease Serial Number UTU027345
API Number 43-013-50243-00-X1

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

Date/Time 8/31/11 8:00 AM PM

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

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

Date/Time 8/31/11 3:00 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	4301350243	GMBU 15-22-9-15H	SWSE	22	9S	15E	DUCHESNE	8/31/2011	9/20/11
WELL 1 COMMENTS: GRRV BHL = Sec 15 SESE					CONFIDENTIAL						
B	99999	17400	4304751665	GMBU W-2-9-17	SWSE	2	9S	17E	UINTAH	9/1/2011	9/20/11
GRRV BHL = SWSE											
A	99999	18202	4304751499	UTE TRIBAL 1-14-4-1W	NENE	14	4S	1W	UINTAH	8/26/2011	9/20/11
GRRV					CONFIDENTIAL						
B	99999	17400	4301350653	GMBU V-32-8-17	SWSE	32	8S	17E	DUCHESNE	8/29/2011	9/20/11
GRRV BHL = SESE											
B	99999	17400	4301350629	GMBU S-3-9-16	SESE	3	9S	16E	DUCHESNE	8/30/2011	9/20/11
GRRV BHL = NWSE											
A	99999	18203	4301350849	LAMB 14-13-3-2	SESW	13	3S	2E	DUCHESNE	8/30/2011	9/20/11
WSTC					CONFIDENTIAL						

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)

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

RECEIVED
 SEP 08 2011

Jentri Park
 Signature
 Production Clerk

Jentri Park

09/08/11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSE Section 22 T9S R15E

5. Lease/Serial No.

USA UTU-027345

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

GMBU 15-22-9-15H

9. API Well No.

4301350243

10. Field and Pool, or Exploratory Area

GREATHER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/31/11 MIRU Ross #31. Spud well @12:00 PM. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 309.62. On 9/1/11 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 3 barrels cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Branden Arnold

Signature

Title

Date

09/01/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice 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.

Title

Date

Office

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 and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

SEP 20 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345	
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 (GRRV)	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: GREATER MON BUTTE 15-22-9-15H	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013502430000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1978 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 09.0S Range: 15.0E Meridian: S		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/26/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
The above well was placed on production on 10/26/2011 at 16:40 hours.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 13, 2012			
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician	
SIGNATURE N/A	DATE 1/13/2012		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
SUNDRY NOTICES AND REPORTS ON WELLS 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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
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9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1978 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 09.0S Range: 15.0E Meridian: S
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/16/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Change to original APD"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

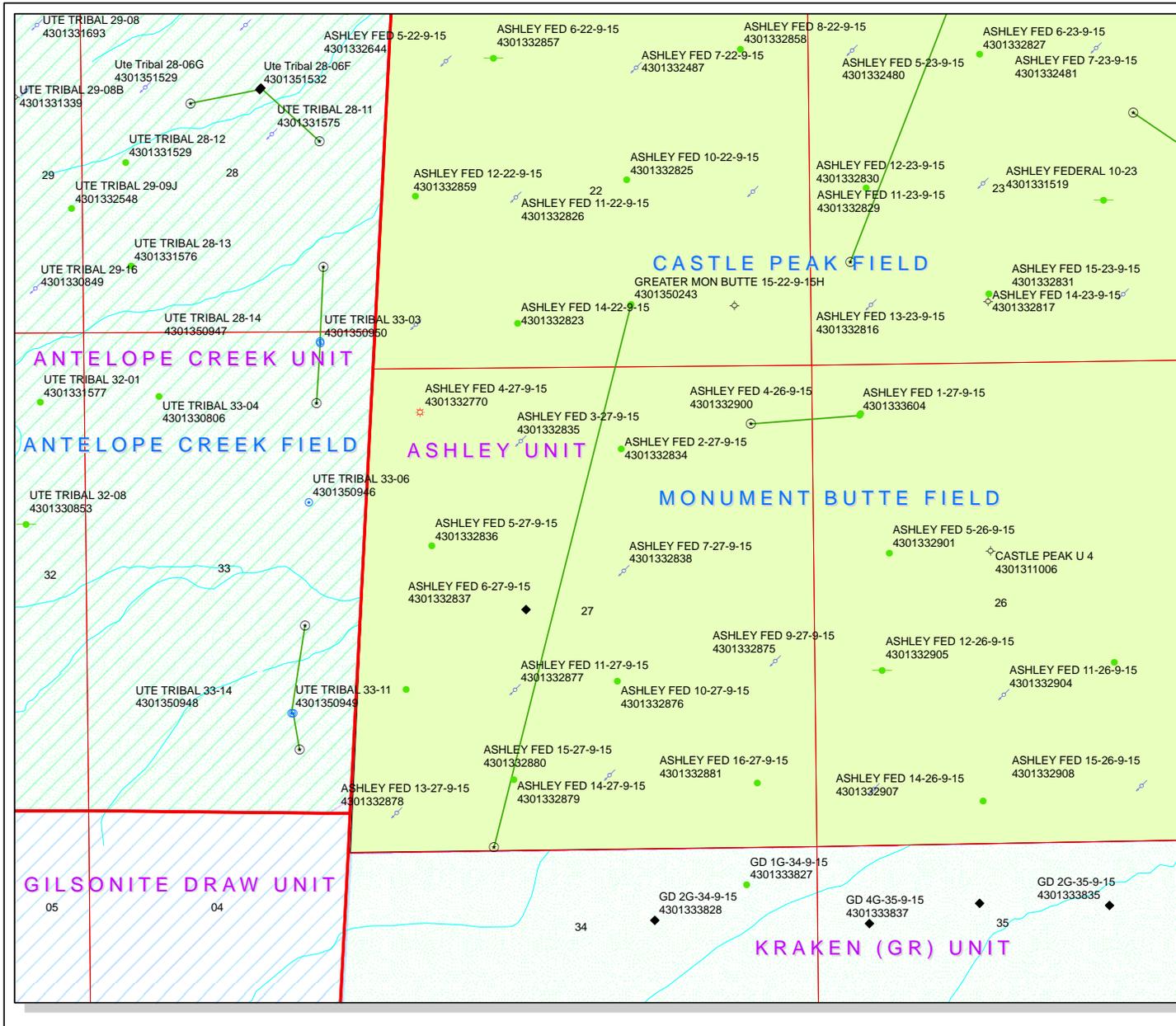
The proposed Bottom Hole location for the above mentioned Horizontal APD has been changed. The new proposed Bottom Hole Footages will be 730' FSL and 1380' FWL. SE/SW Sec. 27, T9S R15E. Attached find the new plat, cut sheets, drilling program, and directional drill plan reflecting this change. The remainder of the approved APD will remain the same.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: July 30, 2012

By: 

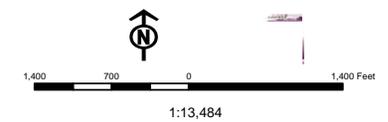
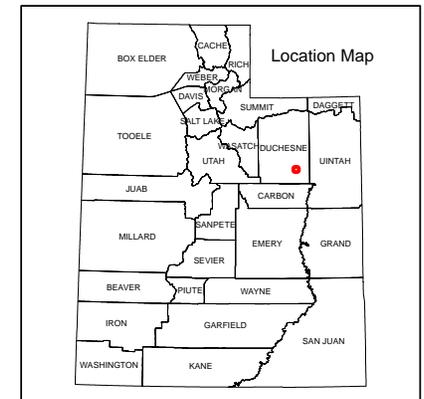
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 7/2/2012	



API Number: 4301350243
Well Name: GREATER MON BUTTE 15-22-9-15H
 Township T09.0S Range R15.0E Section 22
 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	LOC - New Location
PI OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERM	PGW - Producing Gas Well
PP OIL	SGW - Shut-in Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	SGW - Shut-in Oil Well
STATUS	SOW - Shut-in Oil Well
Unknown	TA - Temp. Abandoned
ABANDONED	TW - Test Well
ACTIVE	WDW - Water Disposal
COMBINED	WW - Water Injection Well
INACTIVE	WSW - Water Supply Well
STORAGE	Bottom Hole Location - Oil/Gas/Dls
TERMINATED	

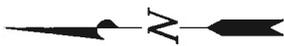


NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

15-22-9-15H (Proposed Well)

Pad Location: SWSE Section 22, T9S, R15E, S.L.B.&M.

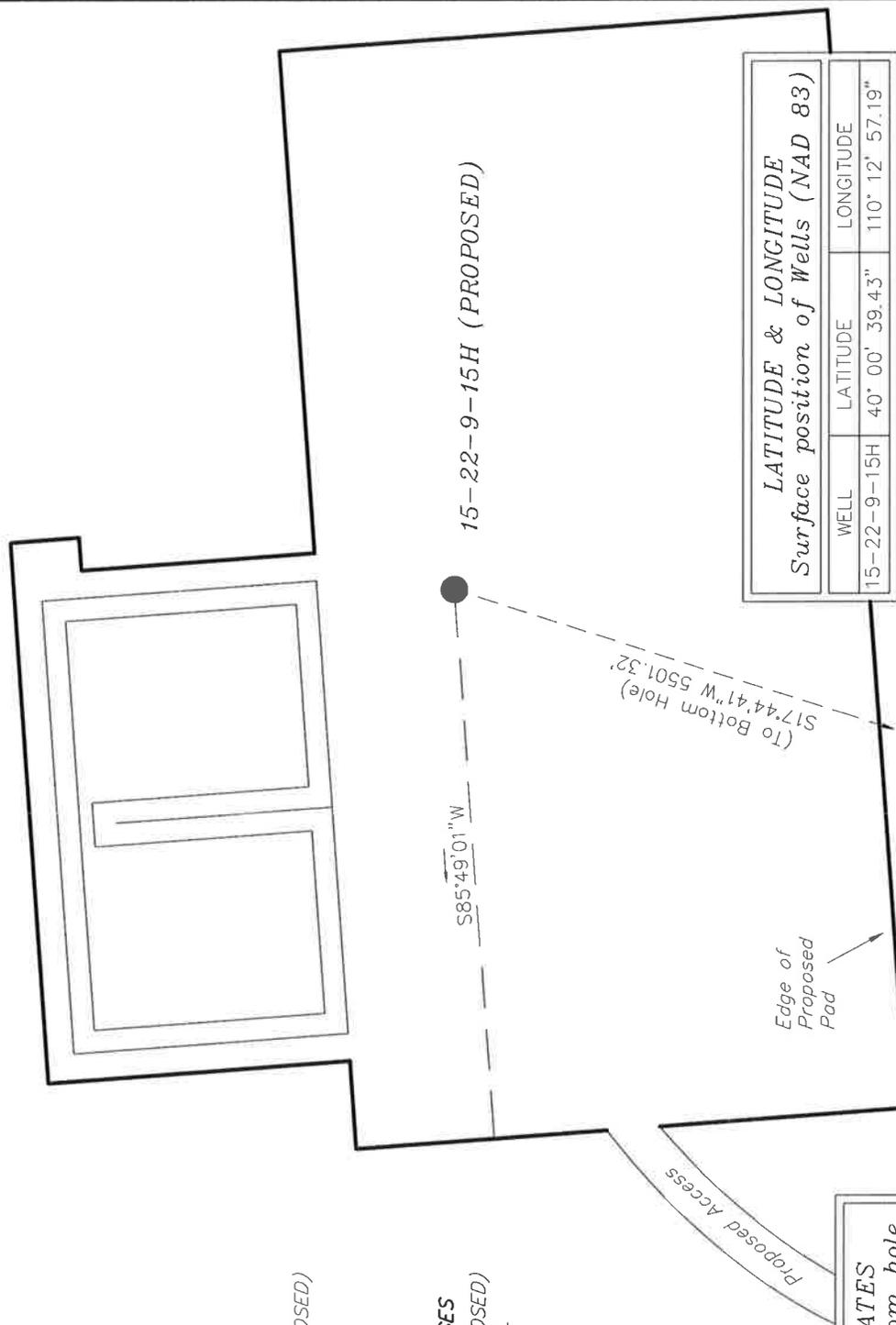


TOP HOLE FOOTAGES

15-22-9-15H (PROPOSED)
661' FSL & 1978' FEL

BOTTOM HOLE FOOTAGES

15-22-9-15H (PROPOSED)
730' FSL & 1380' FWL



LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
15-22-9-15H	40° 00' 39.43"	110° 12' 57.19"

SURVEYED BY: T.P.	DATE SURVEYED: 11-06-09
DRAWN BY: F.T.M.	DATE DRAWN: 11-18-09
SCALE: 1" = 50'	REVISED: F.T.M. 02-25-11

RELATIVE COORDINATES
From top hole to bottom hole

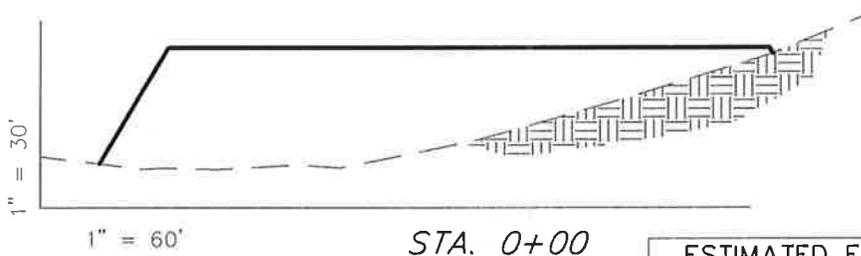
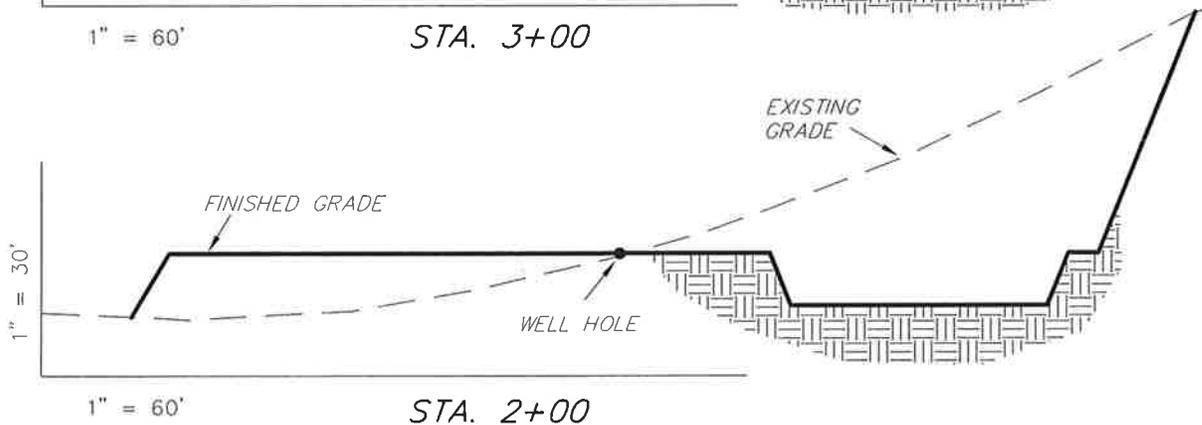
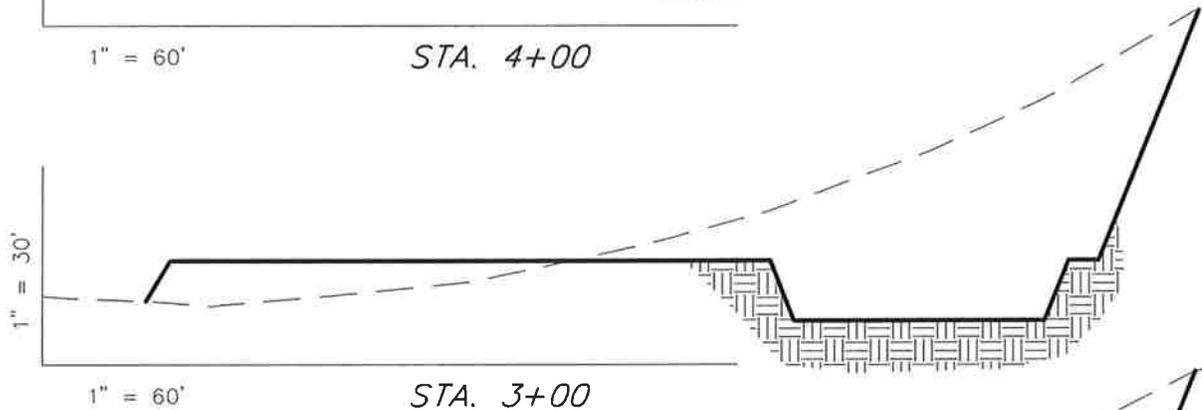
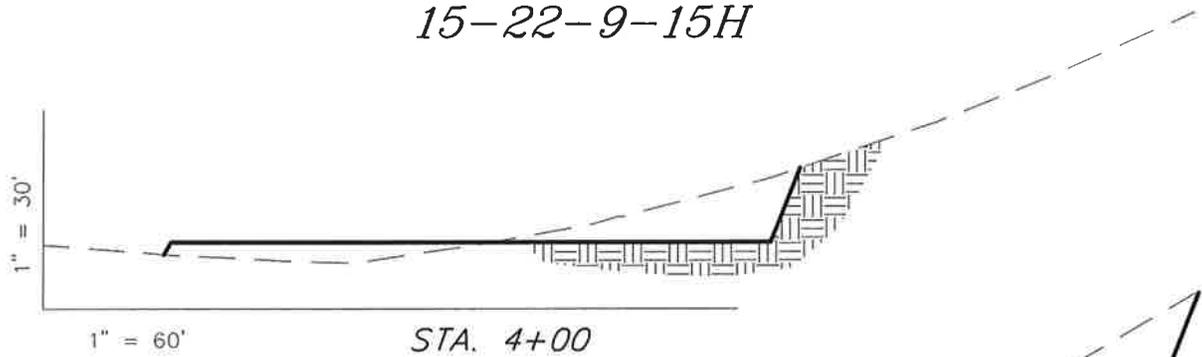
WELL	NORTH	EAST
15-22-9-15H	-5240'	-1677'

Note:
Bearings are based on GPS Observations.

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

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS 15-22-9-15H



ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	17,750	17,750	Topsoil is not included in Pad Cut	0
PIT	4,100	0		4,100
TOTALS	21,850	17,750	2,270	4,100

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

SURVEYED BY: T.P.	DATE SURVEYED: 11-06-09
DRAWN BY: F.T.M.	DATE DRAWN: 11-23-09
SCALE: 1" = 60'	REVISED: F.T.M. 02-25-11

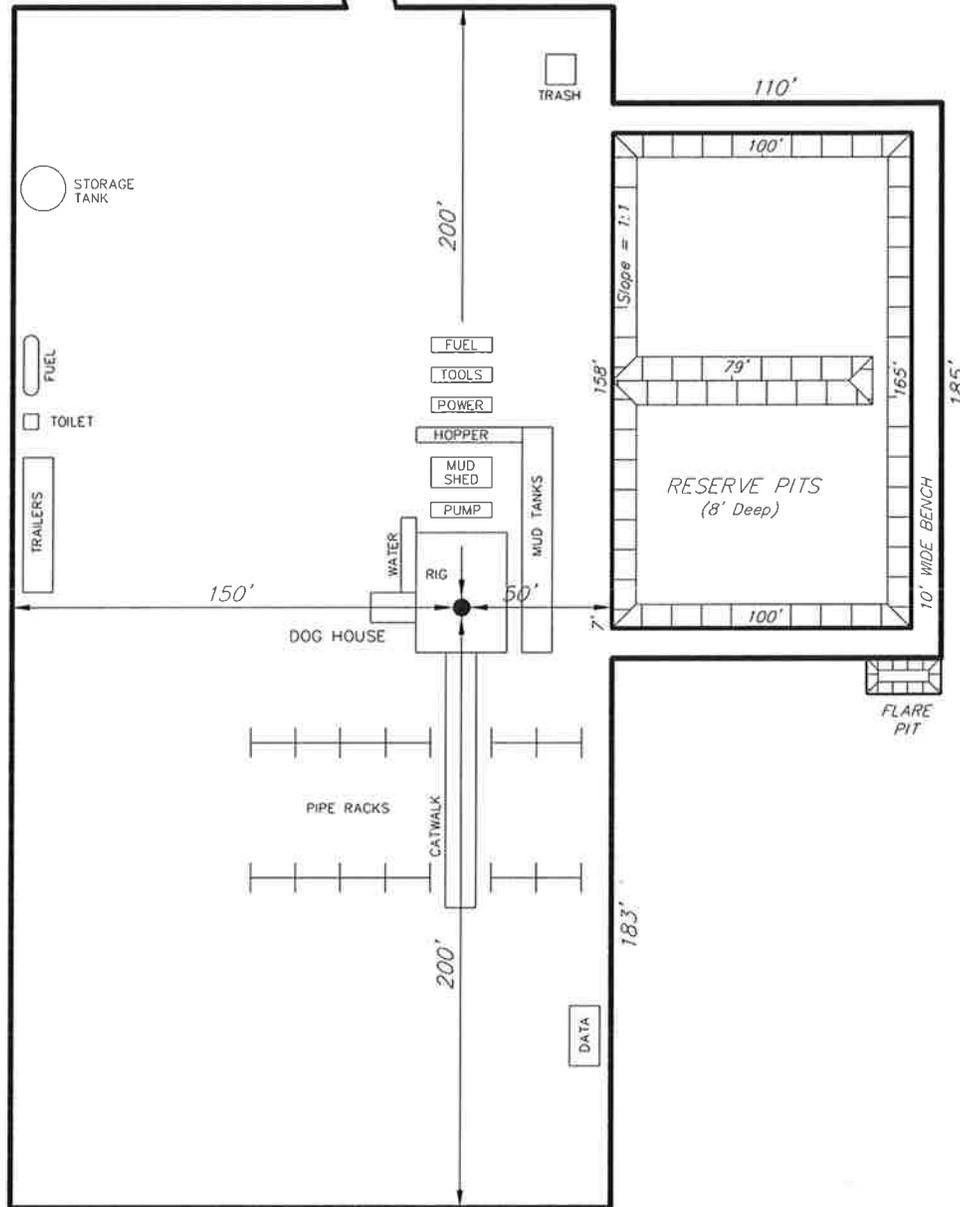
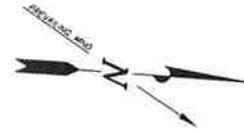
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

15-22-9-15H

PROPOSED
ACCESS ROAD
(Max. 6% Grade)



SURVEYED BY: T.P.	DATE SURVEYED: 11-06-09
DRAWN BY: F.T.M.	DATE DRAWN: 11-23-09
SCALE: 1" = 60'	REVISED: F.T.M. 02-25-11

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

**NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE 15-22-9-15H
SHL: SW/SE SECTION 22, T9S, R15E
BHL: SE/SW SECTION 27, T9S, R15E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

This well is designed as a horizontal in the Basal Carbonate formation, at the base of the Green River formation. The well will be drilled vertically to a kick off point of 5,463'. Directional tools will then be used to build to 92.48° inclination and the well will be landed in the Basal Carbonate formation. The lateral will be drilled to the proposed bottomhole location, and a tapered string of 5-1/2" x 4-1/2" production casing will be run to TD. An open hole packer system and sliding sleeves will be used to isolate separate frac stages in the lateral. The casing will be cemented from the top of the curve to surface with a port collar.

1. GEOLOGIC SURFACE FORMATION:

Uinta formation

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Green River	1,557'
Target (Basal Carbonate)	5,724'
TD	5,724' TVD / 11,242' MD

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

Green River Formation (Oil) 3,898' – 5,724' TVD

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 300'. 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

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Design Factors		
	Top	Bottom							Burst	Col	Tens
Surface 8-5/8"	0'	300'	24.0	J-55	STC	8.33	8.33	12.0	17.07	13.71	33.89
Production 5-1/2"	0'	6,234'	17.0	N-80	LTC	--	--	--	4.06	3.21	2.23
Production 4-1/2"	6,234'	11,242'	11.6	N-80	LTC	8.3	8.5	--	4.08	3.24	2.06

Assumptions:

- 1) Surface casing MASP = (frac gradient + 1.0 ppg) – gas gradient
- 2) Production casing MASP (production mode) = reservoir pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing
- 4) Surface tension calculations assume air weight of casing
- 5) Production tension calculations assume air weight in vertical portion of hole, plus 50,000 lbs overpull

All casing shall be new.

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

The well will be drilled in 7-7/8" hole size in the vertical and curve sections. Once the well is landed in the Basal Carbonate formation the hole size will be changed to 6-1/8". Due to geological requirements, a special density LWD (logging while drilling) tool will be used. This tool is only available in 4-3/4" tool size and requires the smaller hole size. The production casing will be 5-1/2" in the vertical and curve sections, and will be 4-1/2" in the lateral portion of the well only. Separate frac stages in the lateral portion of the well will be isolated with open hole packers, and accessed with ball actuated sliding sleeves. A port cementing collar will be placed near kick-off point, and cement will be circulated to surface. The cement job will be isolated from the lateral with open hole packers.

b. Cement Design

Job	Hole Size	Fill	Slurry Description	ft ³	OH Excess	Weight (ppg)	Yield (ft ³ /sk)
				Sacks			
Surface	12-1/4"	300'	Class G w/ 2% CaCl ₂ , 0.25 lbs/sk Cello Flake	142	15%	15.8	1.17
				122			
Production Lead	7-7/8"	3,898'	Premium Lite II w/ 3% KCl, 10% bentonite	777	15%	11.0	3.50
				238			
Production Tail	7-7/8"	1,565'	50/50 Poz/Class G w/ 3% KCl, 2% bentonite	312	15%	14.3	1.24
				251			

Actual cement volumes will be calculated from open hole logs, plus 15% excess.

Production casing cement will be pumped through a port cementing collar located at the top of the curve. The lateral will be left uncemented. The lateral will be isolated with open hole packers.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

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.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

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

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 2M system.

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and a rotating head per **Exhibit C**. This system will be in accordance to the specifications listed in the Standard Operating Procedures for the Greater Monument Butte Green River Development Program.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±300 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 ±300 feet to TD, a fresh water or brine 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 9.0 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

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

8. TESTING, LOGGING AND CORING PROGRAMS:

a. Logging Program:

(the log types run may change at the discretion of the geologist)

ƒDC/CNL/GR/DIL:

Top of the curve – 3,898'

CBL: A cement bond log will be run from KOP to the cement top of the production casing.

A field copy will be submitted to the Vernal BLM Office.

b. Cores: As deemed necessary.

c. Drill Stem Tests: No DSTs are planned in the Green River.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

There is no abnormal pressure or temperature expected. Maximum anticipated bottomhole pressure will be approximately equal total true vertical depth in feet multiplied by a 0.433 psi/foot gradient.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

a. Drilling Activity

Anticipated Commencement Date:	Upon approval of the site specific APD.
Drilling Days:	Approximately 18 days.
Completion Days:	Approximately 12 - 20 days.

b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing.. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is

required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 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 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

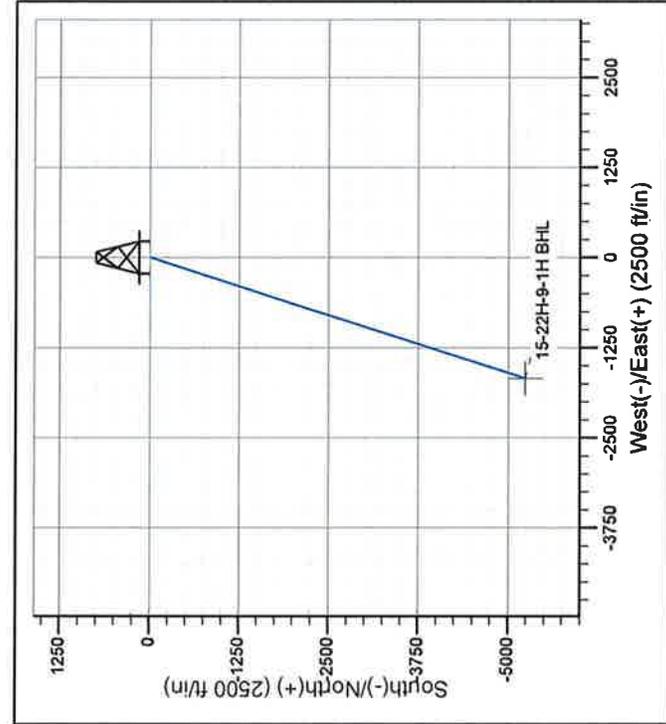
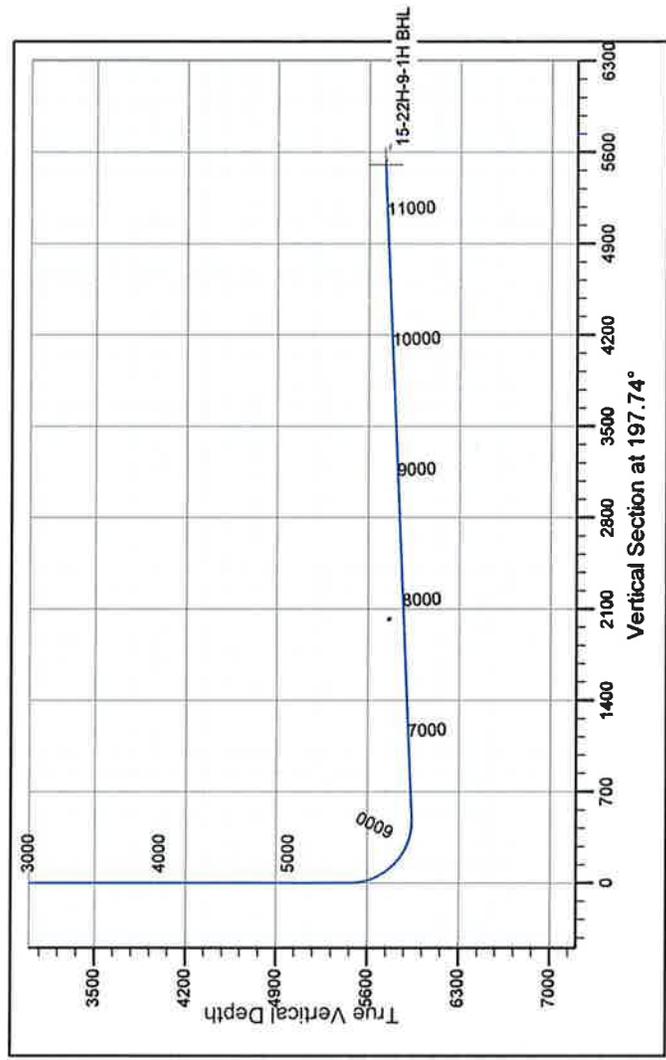
Newfield requests approval for all variances to Onshore Oil and Gas Order No. 2 as sited in Section 9.0 of the Greater Monument Butte Green River Development Standard Operation Procedure (SOP).



Newfield Production Company

T M Azimuths to True North
 Magnetic North: 11.47°
 Magnetic Field
 Strength: 52458.5nT
 Dip Angle: 65.87°
 Date: 12/31/2009
 Model: IGRF200510

Project: Uinta Basin
Site: GMB 15-22-9-15H
Well: GMB 15-22-9-15H
Wellbore: Wellbore #1
Design: Design #1



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5463.4	0.00	0.00	5463.4	0.0	0.0	0.00	0.00	0.0	
3	6234.1	92.48	197.74	5940.4	-474.4	-151.8	12.00	197.74	498.1	
411242.0	92.48	197.74	5724.0	-5239.6	-1676.7	0.00	0.00	5501.3	15-22H-9-1H BHL	

Created by: Hans Wychgram
Date: 6-9-11

PROJECT DETAILS: Uinta Basin
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level

Newfield Production Company

Uinta Basin

GMB 15-22-9-15H

GMB 15-22-9-15H

Wellbore #1

Plan: Design #1

Standard Planning Report

09 June, 2011

Newfield Exploration Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well GMB 15-22-9-15H
Company:	Newfield Production Company	TVD Reference:	RKB @ 6473.0ft (Capstar #329)
Project:	Uinta Basin	MD Reference:	RKB @ 6473.0ft (Capstar #329)
Site:	GMB 15-22-9-15H	North Reference:	True
Well:	GMB 15-22-9-15H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Uinta Basin		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	GMB 15-22-9-15H				
Site Position:		Northing:	2,193,783.55 m	Latitude:	40° 4' 9.560 N
From:	Lat/Long	Easting:	626,917.94 m	Longitude:	110° 0' 43.280 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	0.95 °

Well	GMB 15-22-9-15H					
Well Position	+N/-S	0.0 ft	Northing:	2,193,783.55 m	Latitude:	40° 4' 9.560 N
	+E/-W	0.0 ft	Easting:	626,917.94 m	Longitude:	110° 0' 43.280 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,461.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.47	65.87	52,459

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 (°)	
	0.0	0.0	0.0	197.74	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,463.4	0.00	0.00	5,463.4	0.0	0.0	0.00	0.00	0.00	0.00	
6,234.1	92.48	197.74	5,940.4	-474.4	-151.8	12.00	12.00	0.00	197.74	
11,242.0	92.48	197.74	5,724.0	-5,239.6	-1,676.7	0.00	0.00	0.00	0.00	15-22H-9-1H BHL

Newfield Exploration

Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well GMB 15-22-9-15H
Company:	Newfield Production Company	TVD Reference:	RKB @ 6473.0ft (Capstar #329)
Project:	Uinta Basin	MD Reference:	RKB @ 6473.0ft (Capstar #329)
Site:	GMB 15-22-9-15H	North Reference:	True
Well:	GMB 15-22-9-15H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Newfield Exploration Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well GMB 15-22-9-15H
Company:	Newfield Production Company	TVD Reference:	RKB @ 6473.0ft (Capstar #329)
Project:	Uinta Basin	MD Reference:	RKB @ 6473.0ft (Capstar #329)
Site:	GMB 15-22-9-15H	North Reference:	True
Well:	GMB 15-22-9-15H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,463.4	0.00	0.00	5,463.4	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	4.39	197.74	5,500.0	-1.3	-0.4	1.4	12.00	12.00	0.00
5,600.0	16.39	197.74	5,598.1	-18.5	-5.9	19.4	12.00	12.00	0.00
5,700.0	28.39	197.74	5,690.4	-54.7	-17.5	57.4	12.00	12.00	0.00
5,800.0	40.39	197.74	5,772.8	-108.4	-34.7	113.8	12.00	12.00	0.00
5,900.0	52.39	197.74	5,841.7	-177.2	-56.7	186.1	12.00	12.00	0.00
6,000.0	64.39	197.74	5,894.0	-258.2	-82.6	271.1	12.00	12.00	0.00
6,100.0	76.39	197.74	5,927.5	-347.7	-111.3	365.1	12.00	12.00	0.00
6,200.0	88.39	197.74	5,940.7	-442.0	-141.4	464.1	12.00	12.00	0.00
6,234.1	92.48	197.74	5,940.4	-474.4	-151.8	498.1	12.00	12.00	0.00
6,300.0	92.48	197.74	5,937.6	-537.2	-171.9	564.0	0.00	0.00	0.00
6,400.0	92.48	197.74	5,933.3	-632.3	-202.3	663.9	0.00	0.00	0.00
6,500.0	92.48	197.74	5,928.9	-727.5	-232.8	763.8	0.00	0.00	0.00
6,600.0	92.48	197.74	5,924.6	-822.6	-263.2	863.7	0.00	0.00	0.00
6,700.0	92.48	197.74	5,920.3	-917.8	-293.7	963.6	0.00	0.00	0.00
6,800.0	92.48	197.74	5,916.0	-1,012.9	-324.1	1,063.5	0.00	0.00	0.00
6,900.0	92.48	197.74	5,911.7	-1,108.1	-354.6	1,163.4	0.00	0.00	0.00
7,000.0	92.48	197.74	5,907.3	-1,203.2	-385.0	1,263.3	0.00	0.00	0.00
7,100.0	92.48	197.74	5,903.0	-1,298.4	-415.5	1,363.2	0.00	0.00	0.00
7,200.0	92.48	197.74	5,898.7	-1,393.5	-445.9	1,463.1	0.00	0.00	0.00
7,300.0	92.48	197.74	5,894.4	-1,488.7	-476.4	1,563.0	0.00	0.00	0.00
7,400.0	92.48	197.74	5,890.0	-1,583.8	-506.8	1,663.0	0.00	0.00	0.00
7,500.0	92.48	197.74	5,885.7	-1,679.0	-537.3	1,762.9	0.00	0.00	0.00
7,600.0	92.48	197.74	5,881.4	-1,774.1	-567.7	1,862.8	0.00	0.00	0.00
7,700.0	92.48	197.74	5,877.1	-1,869.3	-598.2	1,962.7	0.00	0.00	0.00
7,800.0	92.48	197.74	5,872.8	-1,964.5	-628.6	2,062.6	0.00	0.00	0.00
7,900.0	92.48	197.74	5,868.4	-2,059.6	-659.1	2,162.5	0.00	0.00	0.00
8,000.0	92.48	197.74	5,864.1	-2,154.8	-689.5	2,262.4	0.00	0.00	0.00
8,100.0	92.48	197.74	5,859.8	-2,249.9	-720.0	2,362.3	0.00	0.00	0.00
8,200.0	92.48	197.74	5,855.5	-2,345.1	-750.4	2,462.2	0.00	0.00	0.00
8,300.0	92.48	197.74	5,851.1	-2,440.2	-780.9	2,562.1	0.00	0.00	0.00
8,400.0	92.48	197.74	5,846.8	-2,535.4	-811.3	2,662.0	0.00	0.00	0.00
8,500.0	92.48	197.74	5,842.5	-2,630.5	-841.8	2,761.9	0.00	0.00	0.00
8,600.0	92.48	197.74	5,838.2	-2,725.7	-872.2	2,861.8	0.00	0.00	0.00
8,700.0	92.48	197.74	5,833.9	-2,820.8	-902.7	2,961.7	0.00	0.00	0.00
8,800.0	92.48	197.74	5,829.5	-2,916.0	-933.1	3,061.6	0.00	0.00	0.00
8,900.0	92.48	197.74	5,825.2	-3,011.1	-963.6	3,161.6	0.00	0.00	0.00
9,000.0	92.48	197.74	5,820.9	-3,106.3	-994.0	3,261.5	0.00	0.00	0.00
9,100.0	92.48	197.74	5,816.6	-3,201.4	-1,024.5	3,361.4	0.00	0.00	0.00
9,200.0	92.48	197.74	5,812.2	-3,296.6	-1,054.9	3,461.3	0.00	0.00	0.00
9,300.0	92.48	197.74	5,807.9	-3,391.8	-1,085.4	3,561.2	0.00	0.00	0.00
9,400.0	92.48	197.74	5,803.6	-3,486.9	-1,115.8	3,661.1	0.00	0.00	0.00
9,500.0	92.48	197.74	5,799.3	-3,582.1	-1,146.3	3,761.0	0.00	0.00	0.00
9,600.0	92.48	197.74	5,795.0	-3,677.2	-1,176.7	3,860.9	0.00	0.00	0.00
9,700.0	92.48	197.74	5,790.6	-3,772.4	-1,207.2	3,960.8	0.00	0.00	0.00
9,800.0	92.48	197.74	5,786.3	-3,867.5	-1,237.6	4,060.7	0.00	0.00	0.00
9,900.0	92.48	197.74	5,782.0	-3,962.7	-1,268.1	4,160.6	0.00	0.00	0.00
10,000.0	92.48	197.74	5,777.7	-4,057.8	-1,298.5	4,260.5	0.00	0.00	0.00
10,100.0	92.48	197.74	5,773.4	-4,153.0	-1,329.0	4,360.4	0.00	0.00	0.00
10,200.0	92.48	197.74	5,769.0	-4,248.1	-1,359.4	4,460.3	0.00	0.00	0.00
10,300.0	92.48	197.74	5,764.7	-4,343.3	-1,389.9	4,560.2	0.00	0.00	0.00
10,400.0	92.48	197.74	5,760.4	-4,438.4	-1,420.3	4,660.2	0.00	0.00	0.00
10,500.0	92.48	197.74	5,756.1	-4,533.6	-1,450.8	4,760.1	0.00	0.00	0.00

Newfield Exploration Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well GMB 15-22-9-15H
Company:	Newfield Production Company	TVD Reference:	RKB @ 6473.0ft (Capstar #329)
Project:	Uinta Basin	MD Reference:	RKB @ 6473.0ft (Capstar #329)
Site:	GMB 15-22-9-15H	North Reference:	True
Well:	GMB 15-22-9-15H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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)
10,600.0	92.48	197.74	5,751.7	-4,628.7	-1,481.2	4,860.0	0.00	0.00	0.00
10,700.0	92.48	197.74	5,747.4	-4,723.9	-1,511.7	4,959.9	0.00	0.00	0.00
10,800.0	92.48	197.74	5,743.1	-4,819.1	-1,542.1	5,059.8	0.00	0.00	0.00
10,900.0	92.48	197.74	5,738.8	-4,914.2	-1,572.5	5,159.7	0.00	0.00	0.00
11,000.0	92.48	197.74	5,734.5	-5,009.4	-1,603.0	5,259.6	0.00	0.00	0.00
11,100.0	92.48	197.74	5,730.1	-5,104.5	-1,633.4	5,359.5	0.00	0.00	0.00
11,200.0	92.48	197.74	5,725.8	-5,199.7	-1,663.9	5,459.4	0.00	0.00	0.00
11,242.0	92.48	197.74	5,724.0	-5,239.6	-1,676.7	5,501.3	0.00	0.00	0.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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. Resvr.,
 Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

5. Lease Serial No.
UTU-027345

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
UTU87538X

8. Lease Name and Well No.
GMBU 15-22-9-15H

3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202 3a. Phone No. (include area code) (435) 646-3721

9. AFI Well No.
43-013-50243

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 661' FSL & 1978' FEL (SW/SE) SEC. 22, T9S, R15E (UTU-027345)
 At top prod. interval reported below 97' FNL & 2173' FEL (NW/NE) SEC. 27, R9S, R15E (UTU-027345)
 At total depth 1325' FSL & 1640' FWL (SE/SW) SEC. 22, T9S, R15E (UTU-74827)

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area
SEC. 22, T9S, R15E

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded 08/31/2011 15. Date T.D. Reached 09/25/2011 16. Date Completed 10/26/2011
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6461' GL 6474' KB

18. Total Depth: MD 10539' TVD 5745' 19. Plug Back T.D.: MD 10539' TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **MUD**
 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 Cemen-ter Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	310'		160 CLASS G			
7-7/8"	5-1/2" L-80	20#	0	6245'		351 PRIMLITE		500'	
6-1/8"	4-1/2" P-110	11.6#	6245'	10517'		270 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@ 6099'	TA @ 5855'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	6461'	10430'	6461-10430'	16.9 sq. in.	19	Sliding Sleeve
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6461-10430'	Frac w/ 420723#s 100 mesh and 609119# 30/50 sand in 37874 bbls of Slickwater fluid, in 19 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
10/28/11	11/8/11	24	→	97	22	62			2-1/2" x 1-3/4" x 20' x 23' x 27' RHBC Pump 3/4" Guided Sub, On/Off Tool
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	
			→						

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*(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.)

SOLD AND 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	6461'	10430'		GREEN RIVER	1509'
				GARDEN GULCH MRK	3885'
				POINT 3 X MARKER	4133' 4397'
				Y MARKER DOUGLAS CREEK MRK	4432' 4539'
				BI CARBONATE MRK B LIMESTONE MRK	4776' 4871'
				CASTLE PEAK BASAL CARBONATE	5439' 5888'

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) Jennifer Peatross Title Production Technician
 Signature *Jennifer Peatross* Date 03/29/2012

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.

CONFIDENTIAL

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 22 T9S, R15E
GMB 15-22-9-15H**

9-5-11 Revised Plan

Design: Actual

Standard Survey Report

21 September, 2011

PAYZONE
DIRECTIONAL



PayZone Directional Services, LLC.

CONFIDENTIAL

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 22 T9S, R15E
 Well: GMB 15-22-9-15H
 Wellbore: 9-5-11 Revised Plan
 Design: Actual

Local Co-ordinate Reference: Well GMB 15-22-9-15H
 TVD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
 MD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 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 22 T9S, R15E, SEC 22 T9S, R15E				
Site Position:	Northing:	7,177,280.00 ft	Latitude:	40° 0' 59.147 N	
From:	Lat/Long	Easting:	1,999,360.00 ft	Longitude:	110° 13' 5.992 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.82 °

Well	GMB 15-22-9-15H, SHL LAT: 40 00 39.43, LONG: -110 12 57.19					
Well Position	+N/-S	0.0 ft	Northing:	7,175,294.99 ft	Latitude:	40° 0' 39.430 N
	+E/-W	0.0 ft	Easting:	2,000,073.34 ft	Longitude:	110° 12' 57.190 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	6,472.9 ft	Ground Level:	6,460.9 ft	

Wellbore	9-5-11 Revised Plan				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/09/01	11.34	65.73	52,201

Design	Actual				
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	197.52	

Survey Program	Date	2011/09/21			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
398.2	10,539.0	Survey #1 (9-5-11 Revised Plan)	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
398.2	0.31	171.83	398.2	-1.1	0.2	1.0	0.08	0.08	0.00
428.5	0.26	161.81	428.5	-1.2	0.2	1.1	0.23	-0.17	-33.10
459.2	0.34	167.33	459.2	-1.4	0.2	1.2	0.28	0.26	17.99
489.7	0.39	190.40	489.7	-1.6	0.2	1.4	0.50	0.16	75.54
519.8	0.44	181.89	519.8	-1.8	0.2	1.6	0.26	0.17	-28.29
550.6	0.31	189.19	550.6	-2.0	0.2	1.8	0.45	-0.42	23.70
580.8	0.35	183.17	580.8	-2.1	0.2	2.0	0.17	0.13	-19.91
611.1	0.21	185.03	611.1	-2.3	0.2	2.1	0.46	-0.46	6.15
641.9	0.18	164.62	641.9	-2.4	0.2	2.2	0.24	-0.10	-66.24
672.3	0.35	206.37	672.3	-2.5	0.1	2.4	0.81	0.56	137.43
702.0	0.40	206.94	702.0	-2.7	0.1	2.6	0.17	0.17	1.92
733.1	0.26	221.27	733.1	-2.9	0.0	2.7	0.52	-0.45	46.15

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 22 T9S, R15E
Well: GMB 15-22-9-15H
Wellbore: 9-5-11 Revised Plan
Design: Actual

Local Co-ordinate Reference: Well GMB 15-22-9-15H
TVD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
MD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
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)
764.1	0.53	210.93	764.1	-3.0	-0.2	2.9	0.90	0.87	-33.28
794.8	0.40	193.23	794.8	-3.3	-0.3	3.2	0.63	-0.42	-57.67
825.0	0.57	206.94	825.0	-3.5	-0.4	3.4	0.68	0.56	45.40
870.7	0.48	183.03	870.7	-3.9	-0.5	3.8	0.51	-0.20	-52.38
912.9	0.48	182.46	912.9	-4.2	-0.5	4.2	0.01	0.00	-1.35
958.2	0.40	190.42	958.2	-4.6	-0.5	4.5	0.22	-0.18	17.58
1,003.5	0.31	187.87	1,003.5	-4.9	-0.6	4.8	0.20	-0.20	-5.63
1,048.9	0.34	167.40	1,048.9	-5.1	-0.6	5.0	0.26	0.07	-45.10
1,094.1	0.00	149.77	1,094.1	-5.2	-0.5	5.2	0.75	-0.75	0.00
1,139.2	0.26	149.55	1,139.2	-5.3	-0.5	5.2	0.58	0.58	0.00
1,184.7	0.26	146.25	1,184.7	-5.5	-0.4	5.4	0.03	0.00	-7.25
1,229.9	0.22	193.14	1,229.9	-5.7	-0.3	5.5	0.43	-0.09	103.74
1,275.3	0.26	182.55	1,275.3	-5.9	-0.3	5.7	0.13	0.09	-23.32
1,320.4	0.26	203.12	1,320.4	-6.1	-0.4	5.9	0.21	0.00	45.63
1,365.7	0.22	224.61	1,365.7	-6.2	-0.5	6.1	0.22	-0.09	47.48
1,411.2	0.32	192.33	1,411.2	-6.4	-0.6	6.3	0.39	0.22	-70.95
1,456.6	0.18	226.89	1,456.6	-6.6	-0.7	6.5	0.44	-0.31	76.11
1,501.7	0.22	207.82	1,501.7	-6.7	-0.8	6.6	0.17	0.09	-42.27
1,546.9	0.48	227.11	1,546.9	-6.9	-0.9	6.9	0.62	0.57	42.66
1,592.2	0.48	230.32	1,592.2	-7.2	-1.2	7.2	0.06	0.00	7.08
1,637.8	0.57	217.00	1,637.8	-7.5	-1.5	7.6	0.33	0.20	-29.25
1,682.9	0.66	226.63	1,682.8	-7.8	-1.8	8.0	0.30	0.20	21.37
1,728.2	0.83	216.04	1,728.2	-8.3	-2.2	8.5	0.48	0.37	-23.34
1,773.5	0.83	205.97	1,773.5	-8.8	-2.5	9.2	0.32	0.00	-22.24
1,819.0	0.97	207.20	1,818.9	-9.5	-2.9	9.9	0.31	0.31	2.71
1,864.3	1.01	204.79	1,864.3	-10.2	-3.2	10.7	0.13	0.09	-5.31
1,910.2	1.19	204.57	1,910.1	-11.0	-3.6	11.5	0.39	0.39	-0.48
1,955.9	1.10	208.92	1,955.8	-11.8	-4.0	12.4	0.27	-0.20	9.51
2,000.9	1.36	216.39	2,000.9	-12.6	-4.5	13.4	0.68	0.58	16.59
2,046.2	1.41	210.59	2,046.2	-13.5	-5.1	14.4	0.33	0.11	-12.80
2,091.6	1.41	209.23	2,091.5	-14.5	-5.7	15.5	0.07	0.00	-3.00
2,136.9	1.49	210.15	2,136.8	-15.5	-6.2	16.6	0.18	0.18	2.03
2,182.3	1.45	208.87	2,182.1	-16.5	-6.8	17.8	0.11	-0.09	-2.82
2,227.5	1.54	207.64	2,227.4	-17.5	-7.4	18.9	0.21	0.20	-2.72
2,272.9	1.54	213.53	2,272.8	-18.6	-8.0	20.1	0.35	0.00	12.98
2,318.3	1.71	209.58	2,318.1	-19.7	-8.7	21.4	0.45	0.37	-8.70
2,408.8	1.63	209.05	2,408.6	-22.0	-10.0	23.9	0.09	-0.09	-0.59
2,454.3	1.76	205.01	2,454.1	-23.2	-10.6	25.3	0.39	0.29	-8.88
2,499.6	1.82	206.76	2,499.4	-24.4	-11.2	26.7	0.18	0.13	3.86
2,545.0	1.58	211.82	2,544.7	-25.6	-11.8	28.0	0.62	-0.53	11.16
2,590.2	1.63	211.42	2,589.9	-26.7	-12.5	29.2	0.11	0.11	-0.88
2,635.2	1.76	215.47	2,634.8	-27.8	-13.2	30.5	0.39	0.29	9.01
2,680.1	1.85	214.72	2,679.8	-29.0	-14.0	31.8	0.21	0.20	-1.67
2,725.6	1.76	203.56	2,725.2	-30.2	-14.7	33.2	0.80	-0.20	-24.57
2,770.8	1.71	206.90	2,770.5	-31.4	-15.3	34.6	0.25	-0.11	7.38
2,816.1	1.67	202.11	2,815.7	-32.7	-15.9	35.9	0.32	-0.09	-10.57
2,861.4	1.71	198.20	2,861.0	-33.9	-16.3	37.2	0.27	0.09	-8.64
2,906.7	1.76	199.07	2,906.3	-35.2	-16.8	38.6	0.12	0.11	1.92
2,951.8	1.80	207.34	2,951.4	-36.5	-17.3	40.0	0.58	0.09	18.33
2,997.4	2.02	206.33	2,996.9	-37.8	-18.0	41.5	0.49	0.48	-2.22
3,042.6	1.98	201.36	3,042.1	-39.3	-18.7	43.1	0.39	-0.09	-10.98
3,087.8	1.76	200.48	3,087.3	-40.7	-19.2	44.6	0.49	-0.49	-1.95
3,133.2	0.79	144.06	3,132.6	-41.6	-19.2	45.4	3.26	-2.14	-124.41
3,178.5	1.19	85.78	3,177.9	-41.8	-18.6	45.4	2.26	0.88	-128.63



PayZone Directional Services, LLC.



Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 22 T9S, R15E
Well: GMB 15-22-9-15H
Wellbore: 9-5-11 Revised Plan
Design: Actual

Local Co-ordinate Reference: Well GMB 15-22-9-15H
TVD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
MD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
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)
3,223.9	1.01	82.97	3,223.3	-41.7	-17.7	45.1	0.41	-0.40	-6.19
3,269.2	0.75	126.65	3,268.6	-41.8	-17.1	45.0	1.54	-0.57	96.47
3,314.4	0.57	148.71	3,313.8	-42.2	-16.7	45.3	0.68	-0.40	48.79
3,359.8	0.66	169.24	3,359.2	-42.7	-16.6	45.7	0.52	0.20	45.22
3,405.1	0.92	176.88	3,404.5	-43.3	-16.5	46.2	0.62	0.57	16.86
3,450.4	1.10	187.82	3,449.8	-44.1	-16.5	47.0	0.58	0.40	24.13
3,495.7	1.01	180.27	3,495.1	-44.9	-16.6	47.8	0.37	-0.20	-16.66
3,541.2	1.05	184.57	3,540.6	-45.7	-16.6	48.6	0.19	0.09	9.46
3,586.4	1.23	186.55	3,585.8	-46.6	-16.7	49.5	0.41	0.40	4.38
3,631.6	1.14	188.66	3,630.9	-47.5	-16.8	50.4	0.22	-0.20	4.67
3,676.0	0.35	58.98	3,675.4	-47.9	-16.8	50.7	3.13	-1.78	-291.88
3,725.0	0.26	58.90	3,724.4	-47.8	-16.6	50.5	0.18	-0.18	-0.16
3,771.0	1.01	24.12	3,770.4	-47.3	-16.3	50.1	1.76	1.63	-75.61
3,816.0	1.01	33.01	3,815.4	-46.6	-15.9	49.3	0.35	0.00	19.76
3,861.0	0.75	23.64	3,860.4	-46.0	-15.6	48.6	0.66	-0.58	-20.82
3,907.0	1.45	9.58	3,906.3	-45.2	-15.4	47.7	1.62	1.52	-30.57
3,952.0	2.00	17.60	3,951.3	-43.9	-15.1	46.4	1.33	1.22	17.82
3,998.0	1.80	8.97	3,997.3	-42.4	-14.7	44.9	0.76	-0.43	-18.76
4,043.0	1.45	5.32	4,042.3	-41.1	-14.5	43.6	0.81	-0.78	-8.11
4,088.0	1.80	7.00	4,087.3	-39.9	-14.4	42.4	0.78	0.78	3.73
4,133.0	2.46	24.74	4,132.2	-38.3	-13.9	40.7	2.06	1.47	39.42
4,179.0	2.55	42.80	4,178.2	-36.6	-12.8	38.8	1.72	0.20	39.26
4,222.0	2.15	44.30	4,221.2	-35.4	-11.6	37.2	0.94	-0.93	3.49
4,269.0	2.10	45.70	4,268.1	-34.1	-10.4	35.7	0.15	-0.11	2.98
4,315.0	2.46	48.08	4,314.1	-32.9	-9.0	34.1	0.81	0.78	5.17
4,360.0	2.86	46.88	4,359.0	-31.5	-7.5	32.3	0.90	0.89	-2.67
4,405.0	2.46	45.09	4,404.0	-30.0	-6.0	30.4	0.91	-0.89	-3.98
4,451.0	2.24	44.69	4,450.0	-28.7	-4.6	28.8	0.48	-0.48	-0.87
4,496.0	1.93	49.94	4,494.9	-27.6	-3.4	27.3	0.81	-0.69	11.67
4,541.0	1.45	45.75	4,539.9	-26.7	-2.5	26.2	1.10	-1.07	-9.31
4,587.0	1.36	48.34	4,585.9	-25.9	-1.6	25.2	0.24	-0.20	5.63
4,632.0	1.60	29.90	4,630.9	-25.0	-0.9	24.1	1.18	0.53	-40.98
4,677.0	1.40	9.90	4,675.9	-23.9	-0.5	23.0	1.24	-0.44	-44.44
4,722.0	1.00	356.80	4,720.8	-23.0	-0.4	22.1	1.07	-0.89	-29.11
4,768.0	1.10	354.60	4,766.8	-22.2	-0.5	21.3	0.23	0.22	-4.78
4,813.0	1.20	29.00	4,811.8	-21.3	-0.3	20.4	1.53	0.22	76.44
4,858.0	1.00	29.40	4,856.8	-20.6	0.1	19.6	0.44	-0.44	0.89
4,904.0	0.80	25.90	4,902.8	-19.9	0.4	18.9	0.45	-0.43	-7.61
4,949.0	1.10	357.40	4,947.8	-19.2	0.6	18.2	1.22	0.67	-63.33
4,994.0	1.30	29.70	4,992.8	-18.3	0.8	17.2	1.54	0.44	71.78
5,039.0	1.14	32.10	5,037.8	-17.5	1.3	16.3	0.37	-0.36	5.33
5,085.0	0.40	44.80	5,083.8	-17.0	1.6	15.7	1.64	-1.61	27.61
5,130.0	0.10	175.00	5,128.8	-16.9	1.8	15.6	1.05	-0.67	289.33
5,175.0	0.20	103.50	5,173.8	-17.0	1.8	15.7	0.43	0.22	-158.89
5,221.0	0.40	76.50	5,219.8	-17.0	2.1	15.6	0.52	0.43	-58.70
5,266.0	0.13	119.50	5,264.8	-17.0	2.3	15.5	0.71	-0.60	95.56
5,302.0	0.18	140.80	5,300.8	-17.0	2.3	15.5	0.21	0.14	59.17
5,347.0	0.97	208.65	5,345.8	-17.4	2.2	16.0	2.04	1.76	150.78
5,392.0	3.87	194.86	5,390.7	-19.2	1.6	17.8	6.53	6.44	-30.64
5,422.0	5.09	178.70	5,420.6	-21.5	1.4	20.1	5.81	4.07	-53.87
5,453.0	7.60	191.10	5,451.5	-24.9	1.0	23.5	9.18	8.10	40.00
5,483.0	10.85	184.44	5,481.1	-29.7	0.4	28.2	11.39	10.83	-22.20
5,513.0	12.83	182.70	5,510.4	-35.8	0.1	34.1	6.71	6.60	-5.80
5,544.0	16.79	174.42	5,540.4	-43.7	0.3	41.6	14.45	12.77	-26.71

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 22 T9S, R15E
Well: GMB 15-22-9-15H
Wellbore: 9-5-11 Revised Plan
Design: Actual

Local Co-ordinate Reference: Well GMB 15-22-9-15H
TVD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
MD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
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)
5,574.0	21.08	172.48	5,568.8	-53.4	1.5	50.5	14.45	14.30	-6.47
5,604.0	25.75	174.51	5,596.3	-65.2	2.8	61.4	15.80	15.57	6.77
5,634.0	29.27	174.29	5,622.9	-79.0	4.1	74.1	11.74	11.73	-0.73
5,665.0	32.10	178.55	5,649.6	-94.8	5.1	88.9	11.51	9.13	13.74
5,695.0	34.98	182.59	5,674.6	-111.4	4.9	104.7	12.14	9.60	13.47
5,725.0	39.81	182.73	5,698.4	-129.6	4.1	122.3	16.10	16.10	0.47
5,755.0	44.21	183.61	5,720.7	-149.6	3.0	141.8	14.80	14.67	2.93
5,785.0	48.38	185.45	5,741.4	-171.2	1.2	162.9	14.59	13.90	6.13
5,815.0	51.24	189.05	5,760.8	-193.9	-1.7	185.4	13.22	9.53	12.00
5,846.0	52.21	192.04	5,780.0	-217.9	-6.1	209.6	8.19	3.13	9.65
5,876.0	52.73	194.06	5,798.2	-241.0	-11.5	233.3	5.61	1.73	6.73
5,906.0	52.21	194.24	5,816.5	-264.1	-17.3	257.1	1.80	-1.73	0.60
5,937.0	52.12	194.42	5,835.5	-287.8	-23.4	281.5	0.54	-0.29	0.58
5,967.0	54.62	197.05	5,853.4	-311.0	-29.9	305.6	10.90	8.33	8.77
5,997.0	58.40	198.06	5,870.0	-334.8	-37.5	330.6	12.91	12.60	3.37
6,027.0	62.05	199.25	5,884.9	-359.5	-45.8	356.6	12.64	12.17	3.97
6,057.0	65.83	199.43	5,898.0	-384.9	-54.7	383.5	12.61	12.60	0.60
6,088.0	70.00	199.29	5,909.7	-412.0	-64.2	412.2	13.46	13.45	-0.45
6,118.0	74.62	199.47	5,918.8	-439.0	-73.7	440.8	15.41	15.40	0.60
6,148.0	79.28	198.46	5,925.6	-466.6	-83.2	470.0	15.88	15.53	-3.37
6,178.0	83.28	198.81	5,930.1	-494.7	-92.7	499.7	13.38	13.33	1.17
6,209.0	84.59	199.65	5,933.4	-523.8	-102.8	530.5	5.01	4.23	2.71
6,240.0	86.13	200.59	5,935.9	-552.8	-113.5	561.3	5.81	4.97	3.03
6,275.0	90.31	201.45	5,937.0	-585.5	-126.0	596.2	12.19	11.94	2.46
6,297.6	91.54	202.05	5,936.6	-606.4	-134.4	618.8	6.06	5.44	2.67
15-22-9-15H TGT1									
6,321.0	92.81	202.68	5,935.8	-628.1	-143.3	642.1	6.06	5.43	2.68
6,370.0	93.03	201.71	5,933.3	-673.4	-161.8	690.8	2.03	0.45	-1.98
6,415.0	92.95	201.45	5,930.9	-715.2	-178.3	735.7	0.60	-0.18	-0.58
6,461.0	92.42	200.92	5,928.8	-758.0	-194.9	781.5	1.63	-1.15	-1.15
6,506.0	92.95	201.18	5,926.6	-800.0	-211.1	826.4	1.31	1.18	0.58
6,551.0	92.51	201.10	5,924.5	-841.9	-227.3	871.3	0.99	-0.98	-0.18
6,597.0	92.68	201.36	5,922.4	-884.7	-243.9	917.1	0.67	0.37	0.57
6,642.0	92.86	201.62	5,920.2	-926.5	-260.4	961.9	0.70	0.40	0.58
6,687.0	92.24	201.89	5,918.2	-968.3	-277.0	1,006.8	1.50	-1.38	0.60
6,733.0	92.95	202.59	5,916.2	-1,010.8	-294.4	1,052.6	2.17	1.54	1.52
6,778.0	92.07	202.41	5,914.2	-1,052.4	-311.6	1,097.4	2.00	-1.96	-0.40
6,823.0	91.28	202.15	5,912.9	-1,094.0	-328.7	1,142.2	1.85	-1.76	-0.58
6,869.0	92.86	203.21	5,911.2	-1,136.4	-346.4	1,188.0	4.14	3.43	2.30
6,914.0	93.56	203.47	5,908.7	-1,177.7	-364.2	1,232.7	1.66	1.56	0.58
6,959.0	92.33	203.12	5,906.4	-1,218.9	-382.0	1,277.4	2.84	-2.73	-0.78
7,005.0	91.63	203.29	5,904.8	-1,261.2	-400.1	1,323.1	1.57	-1.52	0.37
7,050.0	91.71	202.50	5,903.5	-1,302.6	-417.6	1,367.9	1.76	0.18	-1.76
7,095.0	91.89	202.50	5,902.1	-1,344.2	-434.8	1,412.7	0.40	0.40	0.00
7,141.0	91.89	203.29	5,900.6	-1,386.5	-452.7	1,458.5	1.72	0.00	1.72
7,186.0	92.33	204.44	5,898.9	-1,427.7	-470.9	1,503.2	2.73	0.98	2.56
7,231.0	91.98	204.44	5,897.2	-1,468.6	-489.5	1,547.8	0.78	-0.78	0.00
7,277.0	92.68	205.31	5,895.3	-1,510.3	-508.8	1,593.4	2.43	1.52	1.89
7,322.0	92.51	204.52	5,893.3	-1,551.1	-527.8	1,638.0	1.79	-0.38	-1.76
7,367.0	92.59	204.08	5,891.3	-1,592.0	-546.3	1,682.6	0.99	0.18	-0.98
7,413.0	93.03	204.61	5,889.0	-1,633.9	-565.2	1,728.2	1.50	0.96	1.15
7,458.0	92.33	204.52	5,886.9	-1,674.8	-583.9	1,772.9	1.57	-1.56	-0.20
7,504.0	93.21	202.59	5,884.7	-1,716.9	-602.2	1,818.5	4.61	1.91	-4.20
7,549.0	92.24	201.18	5,882.6	-1,758.6	-619.0	1,863.4	3.80	-2.16	-3.13



PayZone Directional Services, LLC.



Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 22 T9S, R15E
Well: GMB 15-22-9-15H
Wellbore: 9-5-11 Revised Plan
Design: Actual

Local Co-ordinate Reference: Well GMB 15-22-9-15H
TVD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
MD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
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)
7,594.0	93.21	202.50	5,880.4	-1,800.3	-635.7	1,908.2	3.64	2.16	2.93
7,640.0	91.98	201.71	5,878.3	-1,842.9	-653.0	1,954.0	3.18	-2.67	-1.72
7,685.0	92.24	200.30	5,876.7	-1,884.9	-669.1	1,998.9	3.18	0.58	-3.13
7,730.0	90.92	197.40	5,875.5	-1,927.4	-683.7	2,043.8	7.08	-2.93	-6.44
7,776.0	91.45	196.44	5,874.5	-1,971.4	-697.1	2,089.8	2.38	1.15	-2.09
7,821.0	92.59	198.02	5,872.9	-2,014.4	-710.4	2,134.8	4.33	2.53	3.51
7,866.0	92.77	198.02	5,870.8	-2,057.1	-724.3	2,179.7	0.40	0.40	0.00
7,912.0	93.74	195.30	5,868.2	-2,101.1	-737.4	2,225.7	6.27	2.11	-5.91
7,957.0	92.95	193.80	5,865.6	-2,144.6	-748.7	2,270.5	3.76	-1.76	-3.33
8,002.0	92.68	193.45	5,863.4	-2,188.3	-759.3	2,315.4	0.98	-0.60	-0.78
8,048.0	92.33	193.63	5,861.3	-2,233.0	-770.1	2,361.2	0.86	-0.76	0.39
8,093.0	92.24	193.45	5,859.6	-2,276.7	-780.6	2,406.1	0.45	-0.20	-0.40
8,138.0	92.42	194.42	5,857.7	-2,320.3	-791.4	2,450.9	2.19	0.40	2.16
8,196.0	92.59	194.77	5,855.2	-2,376.4	-806.0	2,508.8	0.67	0.29	0.60
8,242.0	92.51	195.21	5,853.1	-2,420.8	-817.9	2,554.7	0.97	-0.17	0.96
8,287.0	92.77	195.12	5,851.1	-2,464.2	-829.7	2,599.6	0.61	0.58	-0.20
8,332.0	93.21	197.14	5,848.7	-2,507.3	-842.2	2,644.6	4.59	0.98	4.49
8,378.0	93.21	197.49	5,846.1	-2,551.2	-855.8	2,690.5	0.76	0.00	0.76
8,423.0	92.68	197.76	5,843.8	-2,594.0	-869.4	2,735.4	1.32	-1.18	0.60
8,468.0	93.12	198.37	5,841.6	-2,636.7	-883.4	2,780.4	1.67	0.98	1.36
8,513.0	91.89	197.49	5,839.6	-2,679.5	-897.2	2,825.3	3.36	-2.73	-1.96
8,559.0	91.63	198.02	5,838.2	-2,723.3	-911.2	2,871.3	1.28	-0.57	1.15
8,604.0	92.33	199.43	5,836.6	-2,765.9	-925.7	2,916.3	3.50	1.56	3.13
8,650.0	92.42	199.07	5,834.7	-2,809.3	-940.8	2,962.2	0.81	0.20	-0.78
8,695.0	91.98	199.02	5,833.0	-2,851.8	-955.5	3,007.1	0.98	-0.98	-0.11
8,740.0	92.51	198.11	5,831.2	-2,894.4	-969.8	3,052.1	2.34	1.18	-2.02
8,785.0	93.21	197.14	5,829.0	-2,937.2	-983.4	3,097.0	2.66	1.56	-2.16
8,831.0	92.33	195.30	5,826.8	-2,981.4	-996.3	3,143.0	4.43	-1.91	-4.00
8,876.0	90.84	195.47	5,825.5	-3,024.7	-1,008.2	3,187.9	3.33	-3.31	0.38
8,922.0	93.56	196.26	5,823.8	-3,068.9	-1,020.8	3,233.9	6.16	5.91	1.72
8,967.0	91.98	195.38	5,821.6	-3,112.2	-1,033.0	3,278.8	4.02	-3.51	-1.96
9,012.0	91.28	194.94	5,820.3	-3,155.6	-1,044.8	3,323.7	1.84	-1.56	-0.98
9,057.0	91.19	194.77	5,819.3	-3,199.1	-1,056.3	3,368.7	0.43	-0.20	-0.38
9,103.0	92.77	195.38	5,817.7	-3,243.5	-1,068.3	3,414.6	3.68	3.43	1.33
9,148.0	93.74	195.38	5,815.2	-3,286.8	-1,080.2	3,459.5	2.16	2.16	0.00
9,193.0	92.15	195.03	5,812.9	-3,330.2	-1,092.0	3,504.4	3.62	-3.53	-0.78
9,239.0	92.24	195.21	5,811.1	-3,374.5	-1,103.9	3,550.3	0.44	0.20	0.39
9,284.0	94.35	195.73	5,808.5	-3,417.8	-1,115.9	3,595.2	4.83	4.69	1.16
9,329.0	92.68	195.30	5,805.8	-3,461.1	-1,127.9	3,640.1	3.83	-3.71	-0.96
9,367.0	93.39	195.56	5,803.8	-3,497.7	-1,138.0	3,678.0	1.99	1.87	0.68
9,412.0	92.86	195.47	5,801.3	-3,541.0	-1,150.1	3,722.9	1.19	-1.18	-0.20
9,457.0	91.80	195.12	5,799.5	-3,584.4	-1,161.9	3,767.9	2.48	-2.36	-0.78
9,503.0	92.68	195.73	5,797.7	-3,628.7	-1,174.1	3,813.8	2.33	1.91	1.33
9,548.0	93.56	196.09	5,795.2	-3,671.9	-1,186.5	3,858.7	2.11	1.96	0.80
9,593.0	92.68	195.91	5,792.8	-3,715.1	-1,198.8	3,903.6	2.00	-1.96	-0.40
9,638.0	92.33	195.91	5,790.8	-3,758.3	-1,211.2	3,948.6	0.78	-0.78	0.00
9,683.0	93.30	195.65	5,788.6	-3,801.6	-1,223.4	3,993.5	2.23	2.16	-0.58
9,729.0	93.21	195.38	5,786.0	-3,845.8	-1,235.7	4,039.4	0.62	-0.20	-0.59
9,774.0	92.42	194.86	5,783.8	-3,889.2	-1,247.4	4,084.3	2.10	-1.76	-1.16
9,819.0	93.03	195.47	5,781.6	-3,932.6	-1,259.2	4,129.2	1.92	1.36	1.36
9,860.0	94.00	196.00	5,779.1	-3,972.0	-1,270.3	4,170.1	2.69	2.37	1.29
9,905.0	92.42	196.09	5,776.6	-4,015.1	-1,282.7	4,215.0	3.52	-3.51	0.20
9,950.0	91.71	195.65	5,775.0	-4,058.4	-1,295.0	4,260.0	1.86	-1.58	-0.98
9,995.0	93.21	195.73	5,773.0	-4,101.7	-1,307.1	4,304.9	3.34	3.33	0.18



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 22 T9S, R15E
 Well: GMB 15-22-9-15H
 Wellbore: 9-5-11 Revised Plan
 Design: Actual

Local Co-ordinate Reference: Well GMB 15-22-9-15H
 TVD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
 MD Reference: 15-22-9-15H @ 6472.9ft (CAPSTAR 329)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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)
10,041.0	93.39	195.82	5,770.4	-4,145.9	-1,319.6	4,350.8	0.44	0.39	0.20
10,087.0	92.07	196.09	5,768.2	-4,190.1	-1,332.2	4,396.7	2.93	-2.87	0.59
10,132.0	92.24	196.00	5,766.5	-4,233.3	-1,344.7	4,441.7	0.43	0.38	-0.20
10,177.0	94.53	196.44	5,763.9	-4,276.4	-1,357.2	4,486.6	5.18	5.09	0.98
10,223.0	92.42	196.53	5,761.1	-4,320.4	-1,370.3	4,532.5	4.59	-4.59	0.20
10,268.0	92.15	196.44	5,759.3	-4,363.5	-1,383.0	4,577.5	0.63	-0.60	-0.20
10,313.0	93.30	196.88	5,757.1	-4,406.6	-1,395.9	4,622.4	2.74	2.56	0.98
10,359.0	93.21	196.70	5,754.5	-4,450.6	-1,409.2	4,668.3	0.44	-0.20	-0.39
10,404.0	93.39	196.35	5,751.9	-4,493.6	-1,421.9	4,713.2	0.87	0.40	-0.78
10,449.0	93.12	196.09	5,749.4	-4,536.8	-1,434.5	4,758.2	0.83	-0.60	-0.58
10,495.0	92.95	196.09	5,746.9	-4,580.9	-1,447.2	4,804.1	0.37	-0.37	0.00
10,539.0	92.95	196.09	5,744.7	-4,623.1	-1,459.4	4,848.0	0.00	0.00	0.00

15-22-9-15H TGT2

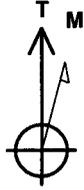
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
15-22-9-15H TGT2 - hit/miss target - Shape	0.00	0.00	5,720.0	-5,239.7	-1,676.2	7,170,031.75	1,998,472.49	39° 59' 47.644 N	110° 13' 18.730 W
- actual wellpath misses target center by 654.1ft at 10539.0ft MD (5744.7 TVD, -4623.1 N, -1459.4 E)									
- Point									
15-22-9-15H TGT1 - hit/miss target - Shape	0.00	0.00	5,931.4	-584.9	-187.1	7,174,707.45	1,999,894.63	40° 0' 33.649 N	110° 12' 59.595 W
- actual wellpath misses target center by 57.2ft at 6297.2ft MD (5936.7 TVD, -606.1 N, -134.3 E)									
- Point									

Checked By: _____ Approved By: _____ Date: _____



Project: USGS Myton SW (UT)
 Site: SECTION 22 T9S, R15E
 Well: GMB 15-22-9-15H
 Wellbore: 15-22-9-15H
 Design: Actual

CONFIDENTIAL



Azimuths to True North
 Magnetic North: 11.34°

Magnetic Field
 Strength: 52201.3snT
 Dip Angle: 65.73°
 Date: 2011/09/01
 Model: IGRF2010

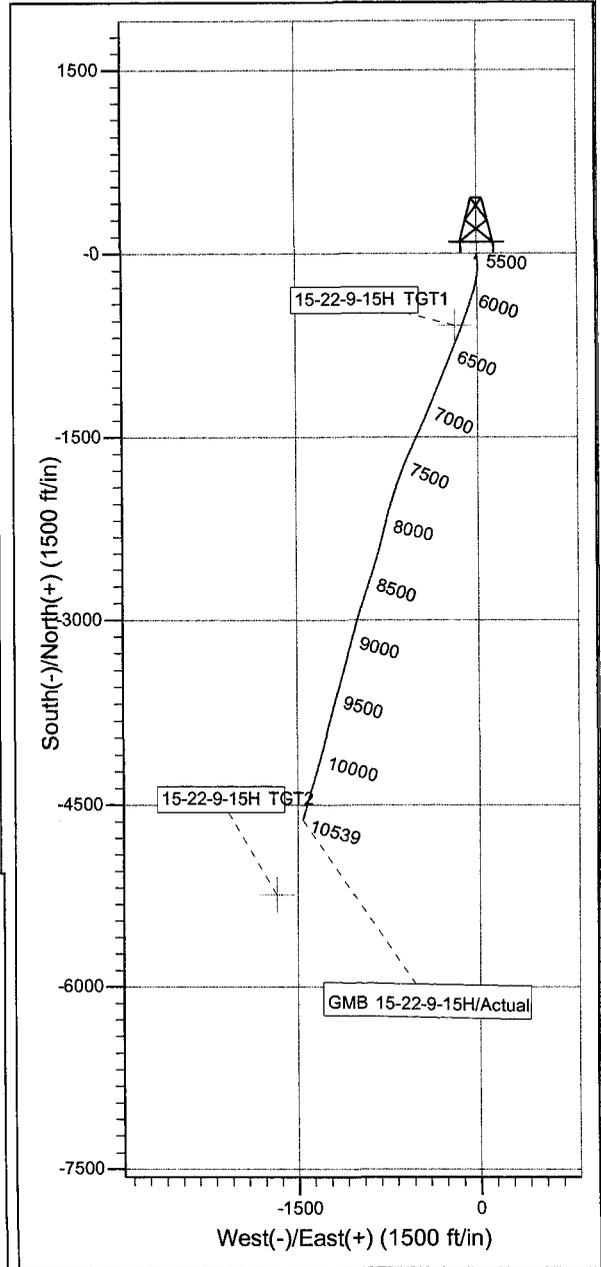
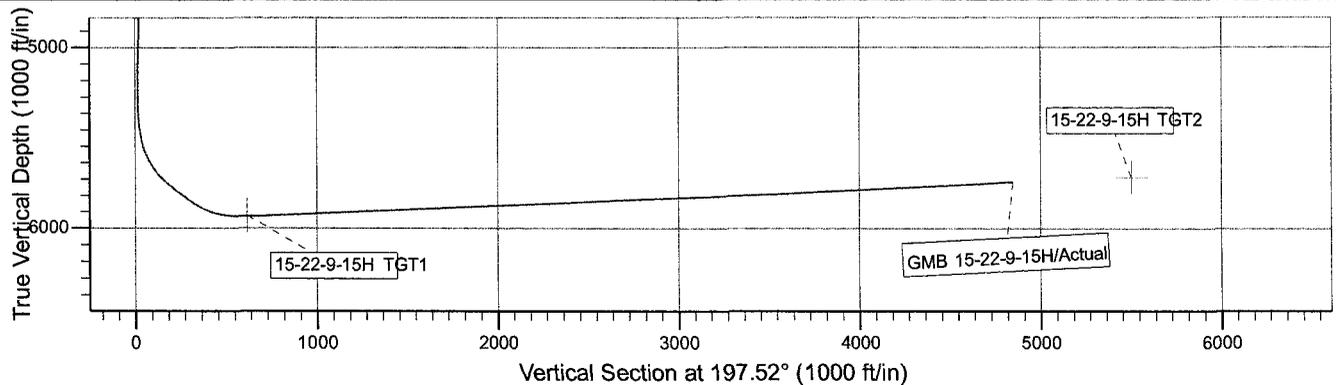
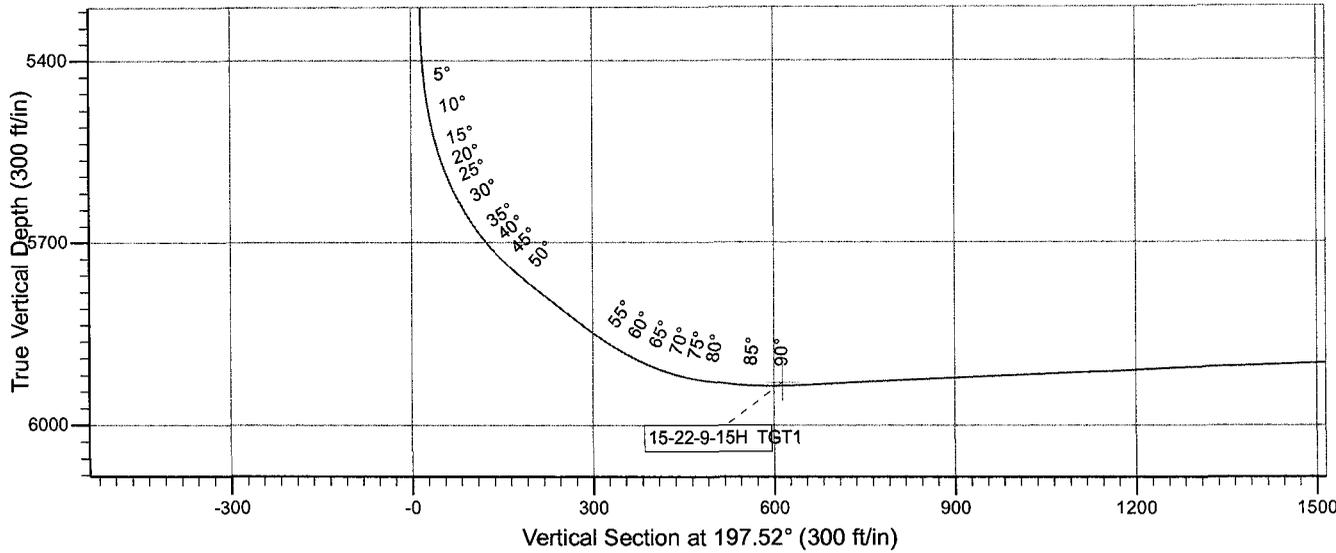


FINAL REPORT

Created By: Sarah K. Webb

21:45, September 21 2011

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA



CONFIDENTIAL

Daily Activity Report

Format For Sundry

GMBU 15-22-9-15H

7/1/2011 To 11/30/2011

GMBU 15-22-9-15H

Waiting on Cement

Date: 9/1/2011

Ross #31 at 310. Days Since Spud - On 8/31/11 Ross #31 spud and drilled 315' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set - yield. Returned 3bbls to pit, bump plug to 547psi, BLM and State were notified of spud via email. - 309.62'KB. On 9/1/11 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17

Daily Cost: \$0

Cumulative Cost: \$150,040

GMBU 15-22-9-15H

Rigging Up

Date: 9/3/2011

Capstar #329 at 0. 0 Days Since Spud - Finish Rigging Down - MOVE RIG 25 MILES TO THE GMBU 15-22-9-15H - RIG UP - FINISH NIPPLING UP RIG UP FLAIR LINES & FLOW LINE - NIPPLE UP BOPS - TEST BOPS - FIX THE FLOOR MOTOR

Daily Cost: \$0

Cumulative Cost: \$180,309

GMBU 15-22-9-15H

Drill 7 7/8" hole with fresh water

Date: 9/4/2011

Capstar #329 at 2654. 1 Days Since Spud - RIG SERVICE/CHANGE SWIVEL LOCK/ WORK ON WEIGHT INDICATOR AND PUMPS/LOAD AND STRAP BHA AND DP - M/U BIT AND SCRIBE MM - DRILL F/300'-2654' - TAG CMT @ 260' AND DRILL TO 300' - TIH AND TAG CMT @ 260'

Daily Cost: \$0

Cumulative Cost: \$208,707

GMBU 15-22-9-15H

Drill 7 7/8" hole with fresh water

Date: 9/5/2011

Capstar #329 at 5283. 2 Days Since Spud - DRILL F/2654'-4150' - DRILL F/4150'-5283' - RIG SERVICE/FUNCTION TEST CROWN-O-MATIC

Daily Cost: \$0

Cumulative Cost: \$236,532

GMBU 15-22-9-15H

Drill 7 7/8" hole with mud

Date: 9/6/2011

Capstar #329 at 5557. 3 Days Since Spud - DRILL FROM 5283' TO 5340' - Circ. - SAFETY MEETING AND TRIP OUT AND L/D DIR. TOOLS - STRAP AND PICK UP CURVE BHA - TRIP OUT FROM 5557' - BUILD CURVE FROM 5340' TO 5557' MOTOR SLIP STICKING IN ROTATION MOTOR NOT GIVING BUILD RATES NEEDED - TO LAND CURVE WENT TO 100% SLIDE MOTOR ONLY GIVING 8S NEEDED 16S TO LAND AT THE TANGENT TVD - DECISION WAS MADE TO TRIP AND PICK UP TRI CONE BIT AND 2.38 MM - SCRIBE AND TRIP IN TO 5340'

Daily Cost: \$0

Cumulative Cost: \$290,411

GMBU 15-22-9-15H

Drill 7 7/8" hole with mud

Date: 9/7/2011

Capstar #329 at 5840. 4 Days Since Spud - TRIP OUT - L/D DIR. TOOLS - RIG SERVICE - HAD TO REAM OUT BTTM OF HOLE ROT. AT 10 RPM TO GET THE MOTOR TO SLIDE THE LAST MY WAS A 14.6 - TRIP IN TO 3654' WASH AND REAM TO 3750' CONTINUE TRIPPING IN WASH AND REAM FROM 4790' TO 4860' - TRIP IN TO 5427' WASH AND REAM LAST 3 JNTS TO BTTM - BUILD CURVE FROM 5755' TO 5840' MOTOR WAS HANGING UP ON STABILIZER WHEN EVER WE TRIED TO SLIDE - PICK UP NEW MM .33 2.38 WITH STABILIZER TRI CONE BIT & DIR. TOOLS

Daily Cost: \$0

Cumulative Cost: \$331,706

GMBU 15-22-9-15H

Drill 7 7/8" hole with mud

Date: 9/8/2011

Capstar #329 at 6163. 5 Days Since Spud - Drill f/5840'-6010' Drilled 100' tangent section. MY started low and came up to 12s - Rig service - Work on Directional tools. Unable to get survey. Put more ground rods in. - improvement with 13.6 MY. Backed pumps down to 380 gpm. Slowed ROP down to 20-25. MY 15.4. - 9.1 MY needed to curve TD. - Drill f/6010'-6163'. MY was 12.6, needing 14.5 to land at EOB. Slowed ROP down to 25-30. Saw slight

Daily Cost: \$0

Cumulative Cost: \$366,334

GMBU 15-22-9-15H

Drill 6 1/8" hole with mud

Date: 9/9/2011

Capstar #329 at 6301. 6 Days Since Spud - DRILL CURVE FROM 6163' TO 6301' LAND CURVE AT MD OF 6301' 5938' TVD AT 86.13 INC. 200.59 AZM. BIT - PROJECTED AT 90.5 INC. - CIRC.3 HI/LO SWEEPS FIRST SWEEP BROUGHT BACK 90% INCREASE IN CUTTINGS SECOND SWEEP BROUGHT - TRIP IN LATERAL ASSEMBLY - TRIP OUT CURVE ASSEMBLY FROM 6301' - DIR. WORK LAY DOWN CURVE BHA - PICK UP SLIM HOLE LATERAL BHA & AND BIT - BACK 40% INCREASE IN CUTTINGS THIRD SWEEP HAD NO INCREASE IN CUTTINGS

Daily Cost: \$0

Cumulative Cost: \$427,789

GMBU 15-22-9-15H

Drill 6 1/8" hole with mud

Date: 9/10/2011

Capstar #329 at 6369. 7 Days Since Spud - TRIP IN WITH LATERAL BHA - DRILL LATERAL FROM 6301' TO 6369' - TROUBLE SHOOT EM TOOL EM TOOL GETTING TO MUCH NOISE NOT ALLOWING THE GAMMA TO WORK TRIED SLOWING - ROTARY DOWN TO 20 RPM AND STILL GETTING TO MUCH NOISE DECISION WAS MADE TO TRIP TOOL OUT - TRIP OUT FROM 6301' TO DIR.TOOLS - DRILL FROM 6369' TO 6375' - RIG SERVICE - WORK ON DRAWWORKS ADJUSTING BREAKS - TRIP IN TO 6194' - RELOG FROM 6194' TO 6369' - PICK UP POSITIVE PULSE DIR. TOOL AND EM TOOL AND RUN THEM IN TOGETHER

Daily Cost: \$0

Cumulative Cost: \$473,985

GMBU 15-22-9-15H

Drill 6 1/8" hole with mud

Date: 9/11/2011

Capstar #329 at 7528. 8 Days Since Spud - Drill f/6375'-6869' - gamma reading every 20 min. - Drill f/6869'-7528'. Still getting a lot of noise when in rotation w the EM tool. Getting one good - Rig service

Daily Cost: \$0

Cumulative Cost: \$505,344

GMBU 15-22-9-15H**Drill 6 1/8" hole with mud****Date:** 9/12/2011

Capstar #329 at 8188. 9 Days Since Spud - DRILL F/7528'-7580' - RIG SERVICE - CHANGE OUT HYDRAULIC PUMP FOR SWIVEL UNABLE TO ROTATE TO THE RIGHT - PUSHING HARD TO THE RIGHT. INCREASED BIT WEIGHT IN ROTATION TO 28K TO TRY AND OVERCOME FORMATION - PUSH. - DRILL F/7580'-8188'. UNABLE TO SLIDE WITH OUT OSCILLATING THE PIPE WHICH AFFECTED THE ROP. FORMATON

Daily Cost: \$0**Cumulative Cost:** \$541,127

GMBU 15-22-9-15H**TIH****Date:** 9/13/2011

Capstar #329 at 8198. 10 Days Since Spud - REPAIR SWIVEL MOTORS - DRILL FROM 8188' TO 8198' DECISION WAS MADE TO TRIP BIT DUE TO ROP - CIRC AND CONDITION HOLE PUMP 3 HI/LO SWEEPS 10% INCREASE IN CUTTINGS ON FIRST SWEEP NO INCREASE - IN CUTTINGS ON SECOND OR THIRD. - BACK REAM OUT FIRST FIVE JNTS TRIP OUT 7 JNTS BACK REAM 2 JNTS TRIP OUT THE REST OF THE WAY TO DIR. - TOOLS - RETIGHTEN BOLTS ON SWIVEL MOTORS - PICK UP NEW BIT AND NEW MM SCRIBE DIR. TOOLS - TRIP IN TO 1064' - SLIP AND CUT 90' OF DRILL LINE - REPAIR AND TROUBLE SHOOT WEIGHT INDICATOR - TRIP IN HOLE AND STRAP PIPE - LAY DOWN MM AND BIT

Daily Cost: \$0**Cumulative Cost:** \$593,001

GMBU 15-22-9-15H**drill 6 1/8" hole with water based mud****Date:** 9/14/2011

Capstar #329 at 8920. 11 Days Since Spud - SERVICE RIG - DRILL AND SLIDE F/8198'-8920'. HAVING TO SLIDE IN ZONE. BUILDING 2/3 DEG. EVERY 40 FT IN ROTATION. - TIH. WASH & REAM LAST 1000'

Daily Cost: \$0**Cumulative Cost:** \$624,621

GMBU 15-22-9-15H**drill 6 1/8" hole with water based mud****Date:** 9/15/2011

Capstar #329 at 9133. 12 Days Since Spud - DRILL AHEAD FROM 8920' TO 9133' WENT FROM A 93 DEG. INC WITH 3-5% CHERT TO A 91.19 INC WITH 30% - CHERT ROP FELL OFF FROM 80-90 DOWN TO 14 DECISION WAS MADE TO TRIP OUT BEFORE THE BIT WAS DBR - RIG SERVICE - CIRC. AND CONDITION HOLE PUMP 3 HI LO SWEEPS FIRST SWEEP HAD A 30% INCREASE IN CUTTINGS SECOND SWEEP - HAD 10% INCREASE AND THIRD HAD 0% INCREASE - BACK REAM OUT FIRST 1000' TO TRY TO GET RID OF THE DOGLEG SEVERITY IN THE LAST PART OF LATERAL THAT - WAS DRILLED TRIP OUT FROM 8200' TO 8096' HIT A TIGHT SPOT BACK REAMED UP THROUGH IT THEN REAMED BACK - DOWN UNTILL PUMP WAS NOT NEEDED CONTINUE TO TRIP OUT TO DIR. TOOLS - LAY DOWN DIR. TOOLS - PICK UP BIT MOTOR AND DIR TOOLS AND SCRIBE - TRIP IN CHECKING DIR. TOOLS EVERY 2000'

Daily Cost: \$0**Cumulative Cost:** \$678,389

GMBU 15-22-9-15H**drill 6 1/8" hole with water based mud****Date:** 9/16/2011

Capstar #329 at 9365. 13 Days Since Spud - Trip in to 8694' - WASH AND REAM FROM 8694' TO 9133' - torque is running between 9200 to 9650 on bttm and 7200 - 7500 off bttm - Rig service - Drill from 9170' to 9365' rop started to increase as bit was going in to top section of pay zone - Drill lateral 9133' to 9170' drilling in + or - 30% chert

Daily Cost: \$0
Cumulative Cost: \$707,893

GMBU 15-22-9-15H

drill 6 1/8" hole with water based mud

Date: 9/17/2011

Capstar #329 at 9373. 14 Days Since Spud - DRILL F/9365'-9373'. - CONDITION HOLE AND CIRCULATE. - BACKREAM OUT F/9373'-8500' TO KNOCK DOWN DOG LEG SEVERITY IN LATERAL SECTION. TOOH TO P/U DIR. TOOLS - TIH. WASH DOWN F/8500'-9373'. - RIG SERVICE - CHANGE OUT SWIVEL MOTORS FOR HIGHER TORQUE RATING - BREAK OUT BIT, MM, AND DIR. TOOLS. FUNCTION TEST BOP.

Daily Cost: \$0

Cumulative Cost: \$751,904

GMBU 15-22-9-15H

drill 6 1/8" hole with water based mud

Date: 9/18/2011

Capstar #329 at 9882. 15 Days Since Spud - WASH AND REAM FROM 8371'to 9373' - DRLILL FROM 9373' TO 9502' - RIG SERVICE - DRILL FROM 9502' TO 9882' DRILLING IN LATERAL FORMATION SAMPLES WERE SHOWING 3-20% CHERT SAMPLES THE - BACK REAM THE OUT FROM 9882' TO 9788 THEN CONTINUE TO TRIP OUT OF HOLE - WAS NOT SLIDING GOOD MADE ONE 15' SLIDE AND ROP FELL OFF TO 12' PER HOUR IN ROT.DECISSION WAWS MADE - TO TRIP BIT AND PICK UP A NEW PDC TORQUE ON BTTM IS 15300 CAUSING ROT. TO SLOW DOWN TO 30 RPM - CIRC GET READY TO TRIP OUT OF HOLE - BIT STARTED SLOWING DOWN AND A DECISION WAS MADE TO SLIDE UP IN TO THE LIMESTONE OUT OF ZONE BIT

Daily Cost: \$0

Cumulative Cost: \$795,674

GMBU 15-22-9-15H

drill 6 1/8" hole with water based mud

Date: 9/19/2011

Capstar #329 at 10085. 16 Days Since Spud - TRIP OUT TO DIR. TOOLS - LAY DOWN DIR. TOOLS AND CHANGE BITS - THE BIT GOES UP IN INC. THE CHERT LEVELS FALL BACK TO 3 TO 5% - TRIP IN TO 9882' WASH DOWN THE LAST 1300' TO BTTM - DRILL AHEAD FROM 9882' TO 10085' AS INC. DROPS DOWN TO 91 DEG. CHERT LEVELS INCREASE UP TO 15% AS - MAKE UP BIT, MM, AND SCRIBE TOOLS

Daily Cost: \$0

Cumulative Cost: \$834,538

GMBU 15-22-9-15H

TIH

Date: 9/20/2011

Capstar #329 at 10242. 17 Days Since Spud - DRILL FROM 10085' TO 10242' LOST ALL DIFFERENTIAL AND 1200 FT/LBS OF TORQUE PICKED PIPE UP AND - WORKED IT UP AND DOWN 4 TIMES PUMPED HIGH VIS SWEEP TRIED TO GO BACK DRILLING STILL NO - DIFFERENTIAL DECISION WAS MADE TO TRIP FOR MUD MOTOR - CIRC. SWEEP OUT NO INCREASE IN CUTTINGS - TRIP OUT FOR MUD MOTOR FAILURE - TRIP IN - CHANGE ROT. HEAD RUBBER - PICK UP NEW BIT AND MUD MOTOR SCRIBE TOOLS - TRIP IN TO 2000' - SLIP AND CUT DRILLING LINE - BREAK BIT AND LAY DOWN MUD MOTOR

Daily Cost: \$0

Cumulative Cost: \$885,240

GMBU 15-22-9-15H

TOOH

Date: 9/21/2011

Capstar #329 at 10538. 18 Days Since Spud - trip in - install rot. Head - trip in to 10242' -

trip out - decision was made to trip out and call it TD - circ. Pump 4 hi/lo sweeps first sweep had 40% increase in cuttings second sweep had 15% increase in - cuttings third sweep had 0 % increase fourth sweep had 0% increase - drill from 10242' to 10538' pumping sweep every 100' rop slowed down to 12' torque increase to 15500

Daily Cost: \$0

Cumulative Cost: \$922,684

GMBU 15-22-9-15H

TOOH

Date: 9/22/2011

Capstar #329 at 10538. 19 Days Since Spud - HOLD JSA AND TRIP OUT - LAY DOWN DIR. TOOLS, MM & BIT - RIG SERVICE - HOLD SAFETY MEETING W/ WEATHERFORD LOGGERS LOAD TOOLS IN WASH PIPE AND PICK UP LOGGING TOOLS - TRIP OUT WITH SHUTTLE LOGS PULLING AT 18' A MIN. - HOLD SAFETY MEETING WITH BJ PRESSURE TEST LINES, START PUMPING AT 4BBLs A MIN. FOR 75BBLs. THEN SLOW - DOWN TO 2 BBLs. A MIN FOR THE LAST 33 BBLs. DEPLOY TOOLS INCREASE PUMPS UP TO 3 BBLs. A MIN. - SHUT DOWN PUMPS RIG DOWN BJ . - TRIP IN TO 10538' PULL UP TO 10416' GET READY TO DEPLOY LOGGING TOOLS

Daily Cost: \$0

Cumulative Cost: \$1,006,174

GMBU 15-22-9-15H

Logging

Date: 9/23/2011

Capstar #329 at 10538. 20 Days Since Spud - TRIP OUT WITH SHUTTLE LOGS FROM 10416' @ 18' PER MIN. UP TO 5300' THEN TRIP OUT @ 30' PER MIN. - RUN WIRELINE LOGS TRIPLE COMBO DOWN TO 5800' 50 DEG IN HOLE - HOLD SAFETY MEETING WITH WEATHERFORD RIG UP TO RUN WIRELINE LOGS - RIG DOWN SHUTTLE LOGS

Daily Cost: \$0

Cumulative Cost: \$1,027,144

GMBU 15-22-9-15H

TOOH

Date: 9/24/2011

Capstar #329 at 10538. 21 Days Since Spud - RIG DOWN LOGGERS - MAKE UP BIT / REAMER - TRIP IN TO 6282' - CIRC. PUMP 80BBL. HI VIS SWEEP AT BTTM OF CURVE 30% INCREASE IN CUTTINGS THEN IT WENT TO NO INCREASE - HALF WAY THROUGH SWEEP - TRIP OUT OF HOLE TO 300' - WASH & REAM TO 10538' - CIRC. 3 HI/ LO SWEEPS FIRST SWEEP HAD 40% INCREASE IN CUTTINGS SECOND SWEEP HAD 15% INCREASE IN - CUTTINGS THIRD SWEEP HAD NO INCREASE IN CUTTINGS SPOT 8 LBS. PER BBL. BEADS FROM THE END OF LATERAL - TO THE TOP OF THE CURVE PUMP SLUG. - TRIP IN TO 9600'

Daily Cost: \$0

Cumulative Cost: \$1,190,061

GMBU 15-22-9-15H

Rigging down

Date: 9/25/2011

Capstar #329 at 10538. 22 Days Since Spud - PULL ROTATING RUBBER/BREAK DOWN BIT SUB, REAMER, & PULL WEAR BUSHING - CHANGE OUT SWIVEL MOTORS FOR CASING RUN - RUN 155 JTS + mandrel. L-80 CASING TO 6242' MD & 72 JTS. 4 1/2 P-110 CASING TO 10517' MD RUN - RIG DOWN RIG RIG RELEASED AT 0600 ON 9/25/2011 - CIRC. AND CONDITION HOLE AT REDUCED RATE - HOLD SAFETY MEETING WITH BJ AND RIG UP SAME - DISPLACE 300BBLs OF MUD WITH TREATED WATER IN LATERAL SECTION AND RIG DOWN BJ - 20 PACKERS AND 20 SLEEVE SEATS IN LATERAL SECTION OF HOLE **Finalized**

Daily Cost: \$0

Cumulative Cost: \$1,679,990

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Company		Newfield	Other Relative Frac String Information		
Location		GMB 15-22-9-15H	Top of Port Collar	5,349	MD (ft)
Prepared For	Marc Barella	Phone	Top of Bulldog Inflates	5,356	MD (ft)
Service Rep	Tracy Neilson	Sales Rep	Open Hole Size	6 1/8	(in)
Service Center	Vernal	Date	25-Sep-11	Total Measured Depth	10,539
					MD (ft)



Size		in
Weight		lbs/ft
Grade		
Burst		psi
Collapse		psi
Capacity	NA	bbls/ft

Size	4 1/2	in
Weight	11.60	lbs/ft
Grade	P-110	
Burst	10,690	psi
Collapse	7,560	psi
Capacity	0.01554	bbls/ft

Size	5 1/2	in
Weight	20.00	lbs/ft
Grade	N-80	
Burst	9,120	psi
Collapse	8,820	psi
Capacity	0.02218	bbls/ft

Zone	Ball Seat ID (in)	Ball Size (in)
1	2 TOE SLEEVES	HYDRAULIC
2	1.315	1.345 (A #10)
3	1.370	1.400 (A #11)
4	1.425	1.455 (A #12)
5	1.480	1.510 (A #13)
6	1.535	1.565 (A #14)
7	1.590	1.620 (A #15)
8	1.645	1.675 (A #16)
9	1.700	1.730 (A #17)
10	1.769	1.891 (C #09)
11	1.916	2.038 (C #10)
12	2.063	2.185 (C #11)
13	2.210	2.332 (C #12)
14	2.357	2.479 (C #13)
15	2.504	2.626 (C #14)
16	2.651	2.773 (C #15)
17	2.798	2.920 (C #16)
18	2.945	3.115 (C #17)
19	3.140	3.310 (C #18)

Zone	Packer Depth (ft)	Sleeve Depth (ft)	Sleeve Disp. (bbls)	Length of Zone (ft)
	10,493.92			
1	10,325.65	10,430.38	197.6	168
2	10,135.35	10,252.93	194.8	190
3	9,944.77	10,062.41	191.9	191
4	9,754.40	9,872.03	188.9	190
5	9,563.34	9,680.98	186.0	191
6	9,372.68	9,490.41	183.0	191
7	9,138.97	9,257.41	179.4	234
8	8,904.17	9,022.49	175.7	235
9	8,671.49	8,789.23	172.1	233
10	8,439.67	8,557.29	168.5	232
11	8,205.94	8,324.52	164.9	234
12	7,973.13	8,091.35	161.3	233
13	7,740.21	7,858.65	157.6	233
14	7,506.73	7,625.23	154.0	233
15	7,273.88	7,391.71	150.4	233
16	7,041.74	7,158.84	146.8	232
17	6,808.10	6,925.98	143.1	234
18	6,576.25	6,693.20	139.5	232
19	6,301.28	6,460.59	135.9	275

Notes:

- 1 Float Shoe, Float Collar, and Swell Packer make up Shoe Track
- 2 Two Hydraulic Toe Sleeves with Horizontal Ball Seat 1 Joint Below
- 3 ACP #1 @ 5,372.72
ACP #2 @ 5,356.16
- 4 All Fast Swelling Water Swell Packers
- 5 Drop Composite Balls for Zones 10 - 19
- 6 Drop Aluminum Balls for Zones 2 - 9
- 7 Sleeves set for 2000 PSI Shear
Toe Sleeve set for 1540 PSI Shear
- 8 Bulldog Inflates set for 2700 PSI to Open, 950 PSI to Close

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Helen Sadik-Macdonald - RE: GMBU 15-22-9-15H

From: Mandie Crozier <mcrozier@newfield.com>
To: "Helen Sadik-Macdonald (hmacdonald@utah.gov)" <hmacdonald@utah.gov>
Date: 6/13/2012 2:41 PM
Subject: RE: GMBU 15-22-9-15H
CC: Kirby Carroll <kcarroll@newfield.com>, Jennifer Peatross <JPeatross@newf...>
Attachments: 15-22-9-15H APD Change.pdf

Helen,

In reviewing this Well Completion Report, we need to amend what we submitted. We had revised the APD prior to drilling this well. I have attached that Approved APD Revision.

I will have Jennifer correct the well completion report form. Let us know if you need anything else.

From: Helen Sadik-Macdonald [<mailto:HMACDONALD@utah.gov>]
Sent: Tuesday, June 12, 2012 3:52 PM
To: Jennifer Peatross; Kirby Carroll
Cc: Brad Hill; Carol Daniels; Dustin Doucet
Subject: GMBU 15-22-9-15H

Jennifer and Kirby,

The permit for the above-cited well was for a well bore advanced to the northeast. The plat map I received from Jennifer on June 1 shows the well bore going southwest. Please submit an explanation for this well's bottom hole location and a letter of Exception Location to the Utah Division of Oil, Gas and Mining, to my attention. Thank you.

*Helen Sadik-Macdonald, CPG
Engineering Geologist
Utah Div. of Oil, Gas & Mining
PO Box 145801
Salt Lake City, UT 84114-5801*

*801/538-5357 Desk
801/359-3940 Fax*

T9S, R15E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 15-22-9-15H,
 LOCATED AS SHOWN IN THE SW 1/4
 SE 1/4 OF SECTION 22, T9S, R15E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



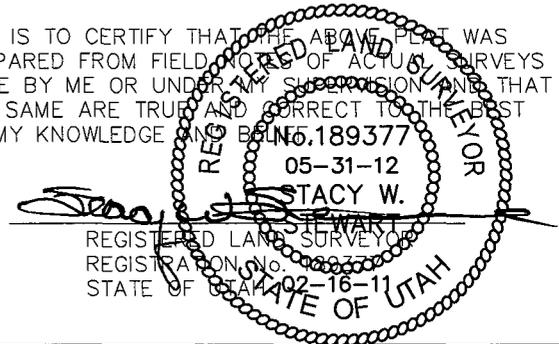
◆ = SECTION CORNERS LOCATED

WELL LOCATION:

15-22-9-15H

ELEV. UNGRADED GROUND = 6460.9'

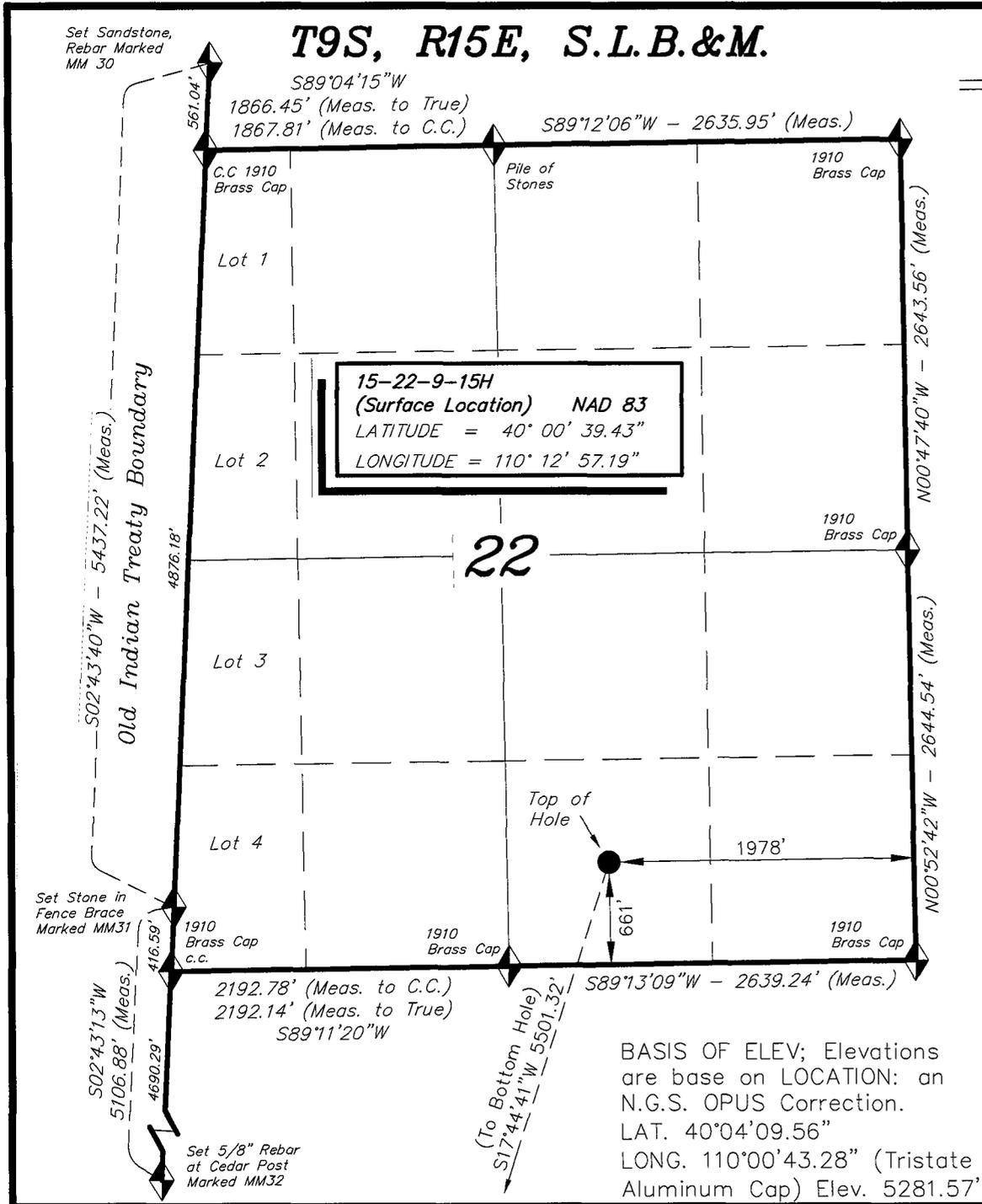
THIS IS TO CERTIFY THAT THE ABOVE PLOT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST
 OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-06-09	SURVEYED BY: T.P.
DATE DRAWN: 11-23-09	DRAWN BY: F.T.M.
REVISED: 05-31-12 F.T.M.	SCALE: 1" = 1000'



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'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU027345

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
UTU87538X

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
GMBU 15-22-9-15H

2. Name of Operator
NEWFIELD EXPLORATION COMPANY
Contact: MANDIE H CROZIER
Mail: mcrozier@newfield.com

9. API Well No.
43-013-50243-00-X1

3a. Address
ROUTE 3 BOX 3630
MYTON, UT 84052

3b. Phone No. (include area code)
Ph: 435-646-3721 Ext: 4825

10. Field and Pool, or Exploratory
MONUMENT BUTTE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 22 T9S R15E SWSE 661FSL 1978FEL

11. County or Parish, and State
DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The proposed Bottom Hole location for the above mentioned Horizontal APD has been changed. The new proposed Bottom Hole Footage will be 730' FSL 1380' FWL. SE/SW Sec. 27, T9S R15E. Attached find the new Plat, Cut Sheets, Drilling Program, and Direction Drill Plan reflecting this change. The remainder of the approved APD will remain the same.

Drilling operations and set to commence the beginning of the fourth quarter of 2011.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #110787 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 06/22/2011 (11RRH2938SE)**

Name (Printed/Typed) MANDIE H CROZIER	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/16/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JERRY KENCZKA</u>	Title <u>AFM FOR MINERAL RESOURCES</u>	Date <u>07/06/2011</u>
Conditions of approval, if any, are attached. Approval of this notice 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.		Office <u>Vernal</u>

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.

Revisions to Operator-Submitted EC Data for Sundry Notice #110787

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	UTU027345	UTU027345
Agreement:	GREATER MONUMENT	UTU87538X
Operator:	NEWFIELD PRODUCTION ROUTE #3 BOX 3630 MYTON, UT 84052 Ph: 435-646-3721	NEWFIELD EXPLORATION COMPANY ROUTE 3 BOX 3630 MYTON, UT 84052 Ph: 435.646.3721 Fx: 435.646.3031
Admin Contact:	MANDIE H CROZIER REGULATORY ANALYST E-Mail: mcrozier@newfield.com Ph: 435-646-3721 Ext: 4825	MANDIE H CROZIER REGULATORY ANALYST E-Mail: mcrozier@newfield.com Ph: 435-646-3721 Ext: 4825
Tech Contact:	MANDIE H CROZIER REGULATORY ANALYST E-Mail: mcrozier@newfield.com Ph: 435-646-3721 Ext: 4825	MANDIE H CROZIER REGULATORY ANALYST E-Mail: mcrozier@newfield.com Ph: 435-646-3721 Ext: 4825
Location:		
State:	UT	UT
County:	DUCHESNE	DUCHESNE
Field/Pool:	MONUMENT BUTTE	MONUMENT BUTTE
Well/Facility:	GREATER MONUMENT BUTTE 15-22-9-15H Sec 22 T9S R15E SWSE 661FSL 1978FEL	GMBU 15-22-9-15H Sec 22 T9S R15E SWSE 661FSL 1978FEL

CONDITIONS OF APPROVAL

NEWFIELD PRODUCTION

Notice of Intent APD Change

Lease: UTU 027345
Well: GMB 15-22-9-15H
Location: SWSE Sec 22-T9S-R15E

A change to the referenced APD is granted with the following conditions:

1. Cement for the intermediate casing will be brought to a minimum of 200 feet above the surface casing shoe..
2. A CBL-GR shall be run from intermediate casing shoe to surface.
3. All original Conditions of Approval shall apply.

If you have any other questions concerning this matter, please contact Robin Hansen of this office at (435) 781-2777



VIA ELECTRONIC DELIVERY

September 21, 2012

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

Re: Exception to Location
GMBU 15-22-9-15H
Duchesne County, Utah

Dear Ms. Sadik-MacDonald:

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company hereby requests an exception location for caption well. This well is within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator.

While drilling the GMBU 15-22-9-15H an abnormally large amount of chert was encountered in the target zone. This chert was difficult to drill and very hard on drilling equipment. Newfield made the decision to call total depth about 700 feet early as a result of these difficulties. This shortened the lateral length from a planned lateral length of 5,008 feet to an actual lateral length of 4,238 feet.

If you have any questions or concerns, please do not hesitate to contact me at 303.383.4121 or by email at lburget@newfield.com . Your consideration in this matter is greatly appreciated

Sincerely
Newfield Production Company

A handwritten signature in cursive script that reads "Leslie Burget".

Leslie Burget
Land Associate