

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Ute Tribal 4-22-4-1W				
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> MONUMENT BUTTE				
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>				
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY						<b>7. OPERATOR PHONE</b> 435 646-4825				
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630 , Myton, UT, 84052						<b>9. OPERATOR E-MAIL</b> mcrozier@newfield.com				
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 1420H626123			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Geral N. Anderson Family Trust						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>				
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 657 W Lakeview Rd., Lindon, UT 84042						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Ute Tribe			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>		
LOCATION AT SURFACE		767 FSL 607 FWL		SWSW	15	4.0 S	1.0 W	U		
Top of Uppermost Producing Zone		660 FNL 660 FWL		NWNW	22	4.0 S	1.0 W	U		
At Total Depth		660 FNL 660 FWL		NWNW	22	4.0 S	1.0 W	U		
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 660			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40				
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1320			<b>26. PROPOSED DEPTH</b> MD: 7360 TVD: 7200				
<b>27. ELEVATION - GROUND LEVEL</b> 5069			<b>28. BOND NUMBER</b> RLB0010462			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 437478				
<b>Hole, Casing, and Cement Information</b>										
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>
SURF	12.25	8.625	0 - 500	24.0	J-55 ST&C	8.3	Class G	203	1.17	15.8
PROD	7.875	5.5	0 - 7360	15.5	J-55 LT&C	8.3	Premium Lite High Strength	332	3.49	11.0
							50/50 Poz	249	1.24	14.3
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" 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					
<b>NAME</b> Mandie Crozier				<b>TITLE</b> Regulatory Tech			<b>PHONE</b> 435 646-4825			
<b>SIGNATURE</b>				<b>DATE</b> 02/28/2013			<b>EMAIL</b> mcrozier@newfield.com			
<b>API NUMBER ASSIGNED</b> 43013520670000				<b>APPROVAL</b>   Permit Manager						

**Newfield Production Company**  
**Ute Tribal 4-22-4-1W**  
**SW/SW Section 15, T4S, R1W**  
**Duchesne County, UT**

**Drilling Program**

**1. Formation Tops**

Uinta	surface
Green River	1,995'
Wasatch	6,895'
TD	7,360'

**2. Depth to Oil, Gas, Water, or Minerals**

Base of Moderately Saline	325'	(Water)
Green River	1,995' - 6,895'	(Oil)
Wasatch	6,895' - TD	(Oil)

**3. Pressure Control**

Section                      BOP Description

Surface                      12-1/4" diverter bowl

Production                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 2M BOP system will consist of 2 ram preventers (double or two singles) (see attached diagram). A choke manifold rated to at least 2,000 psi will be used.

**4. Casing**

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Surface	0'	500'	24	J-55	STC	8.33	8.4	12	2,950	1,370	244,000
8 5/8									10.24	8.14	20.33
Production	0'	7,360'	15.5	J-55	LTC	8.6	8.8	15.4	4,810	4,040	217,000
5 1/2									1.88	1.53	1.90

**Assumptions:**

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

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

Up to 20' of conductor drive pipe may be used, minimum diameter 13 3/8"

## 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	237	15%	15.8	1.17
				203			
Production Lead	7 7/8	5,810'	Premium Lite II w/ 3% KCl + 10% bentonite	1158	15%	11.0	3.49
				332			
Production Tail	7 7/8	1,550'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	309	15%	14.3	1.24
				249			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 15% excess.

## 6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
Surface - 500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.
500' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 8.8 ppg.

## 7. Logging, Coring, and Testing

**Logging:** A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A Gamma Ray log will be run from TD to surface. A cement bond log will be run from PBTd to the cement top behind the production casing.

**Cores:** As deemed necessary.

DST: There are no DST's planned for this well.

**8. Anticipated Abnormal Pressure or Temperature**

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.45 psi/ft gradient.

$$7,360' \times 0.45 \text{ psi/ft} = 3291 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

**9. Other Aspects**

This is planned as a vertical well.

Newfield requests the following Variances from Onshore Order # 2:

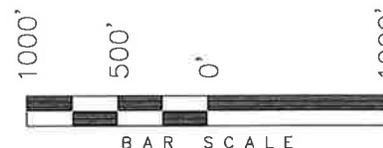
- Variance from Onshore Order 2, III.E.1

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

# T4S, R1W, U.S.B.&M.

## NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 4-22-4-1W, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 15, T4S, R1W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

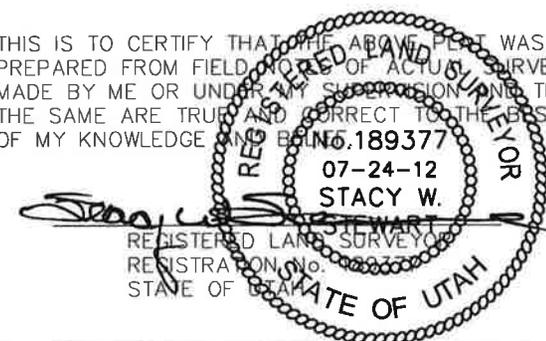


**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.



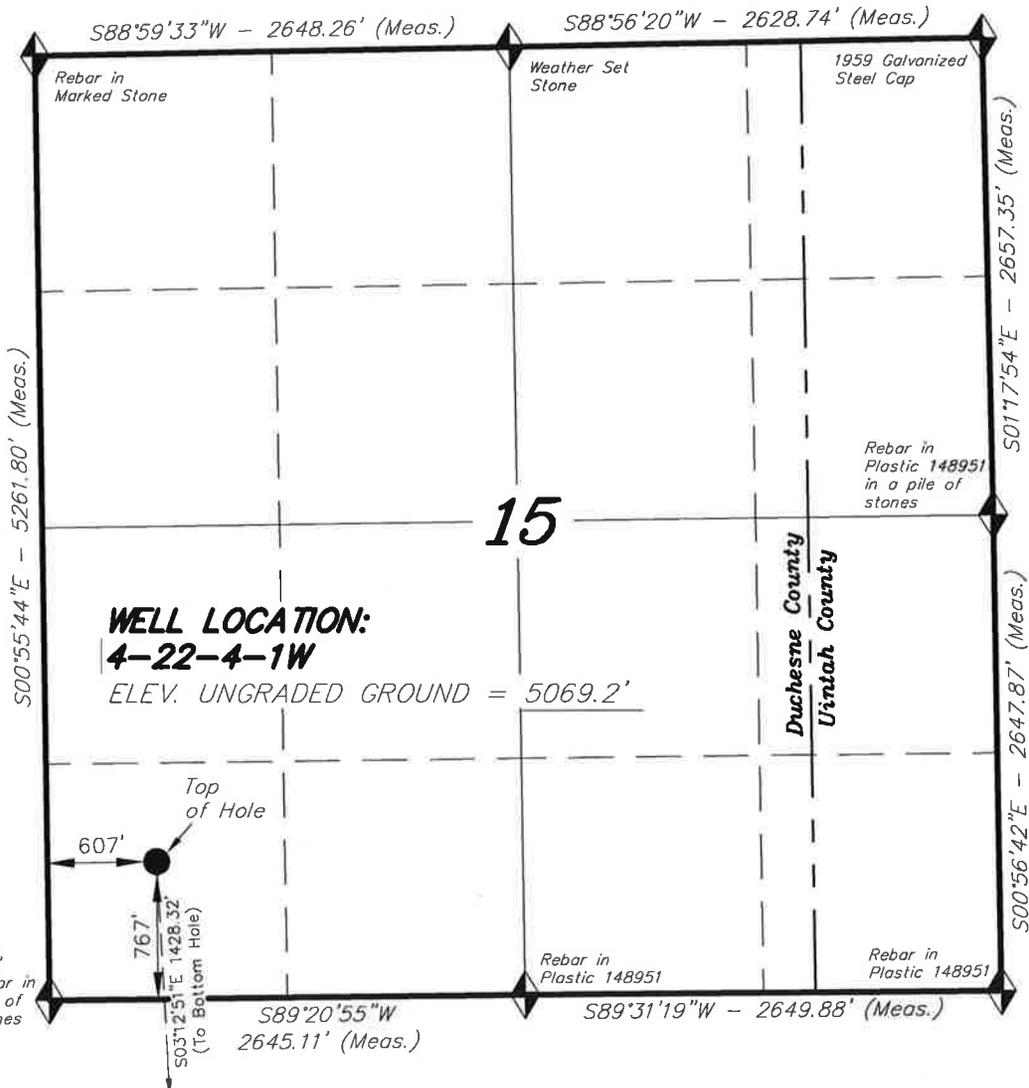
THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



### TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 06-27-12	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 07-23-12	DRAWN BY: R.B.T.	V2
REVISED:	SCALE: 1" = 1000'	



◆ = SECTION CORNERS LOCATED

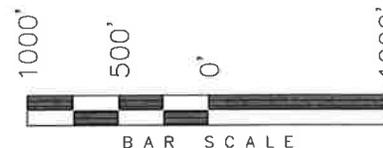
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°07'47.77"
LONGITUDE = 109°59'23.47"
<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°07'47.91"
LONGITUDE = 109°59'20.93"

# T4S, R1W, U.S.B.&M.

## NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, 4-22-4-1W,  
 LOCATED AS SHOWN IN THE NW 1/4 NW  
 1/4 OF SECTION 22, T4S, R1W,  
 U.S.B.&M. DUCHESNE COUNTY, UTAH.



**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

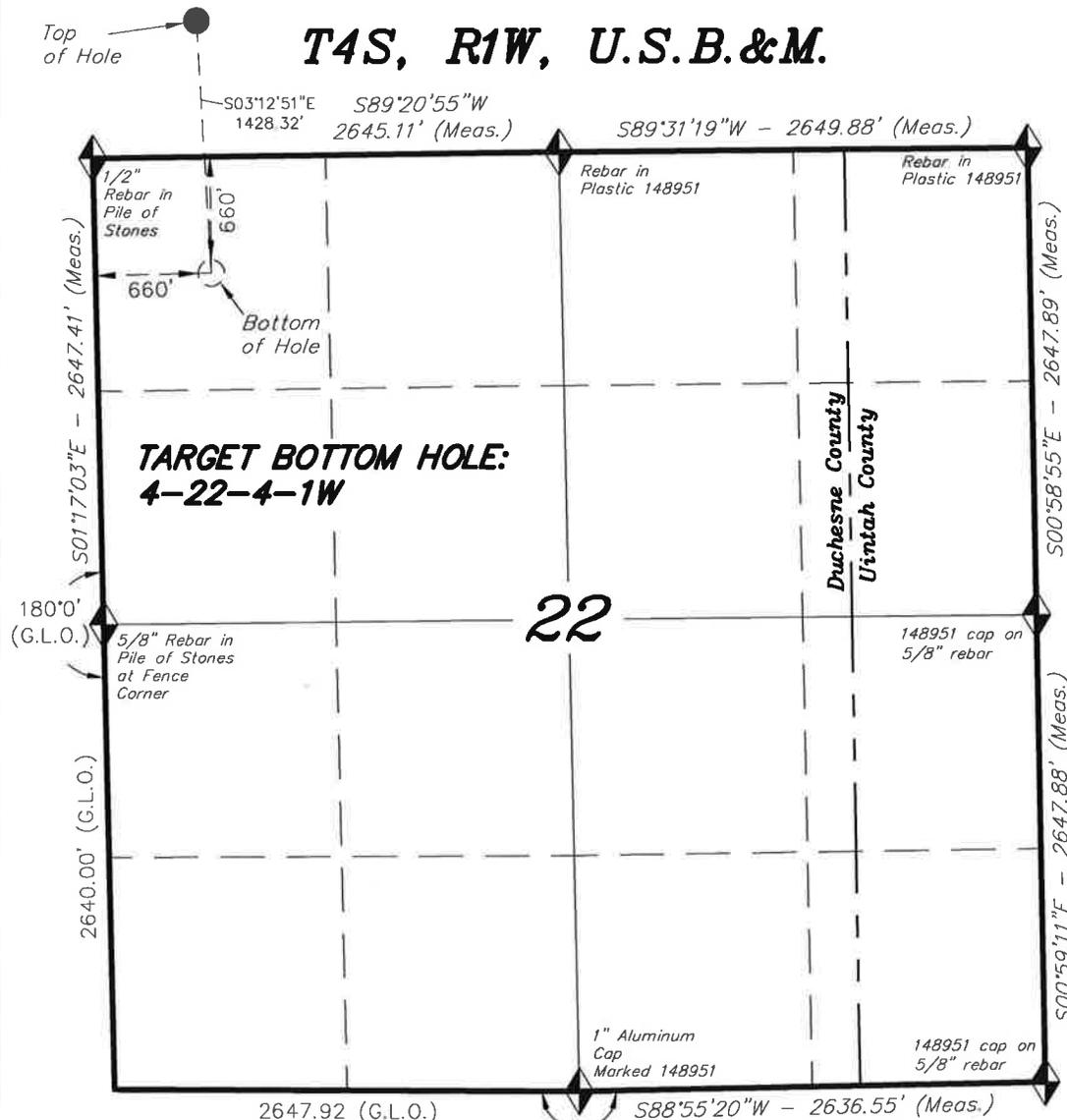


THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**TRI STATE LAND SURVEYING & CONSULTING**  
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
 (435) 781-2501

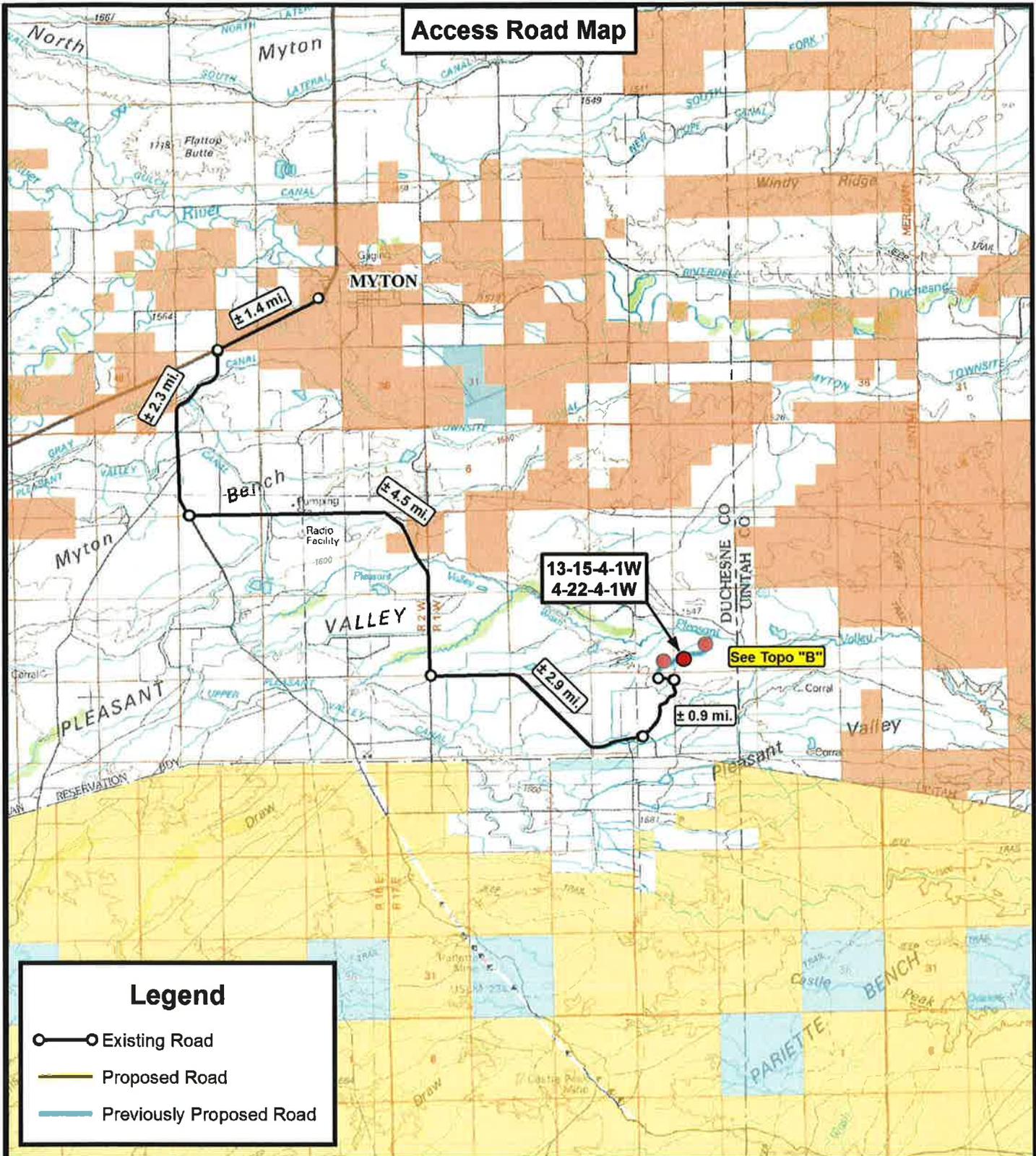
DATE SURVEYED: 06-27-12	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 07-23-12	DRAWN BY: R.B.T.	V2
REVISED:	SCALE: 1" = 1000'	



◆ = SECTION CORNERS LOCATED 180'0" (G.L.O.)

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

<b>NAD 83 (BOTTOM HOLE LOCATION)</b>
LATITUDE = 40°07'33.67"
LONGITUDE = 109°59'22.75"
<b>NAD 27 (BOTTOM HOLE LOCATION)</b>
LATITUDE = 40°07'33.81"
LONGITUDE = 109°59'20.21"



**Legend**

- Existing Road
- Proposed Road
- Previously Proposed Road

**Tri State**  
**Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501  
F: (435) 781-2518

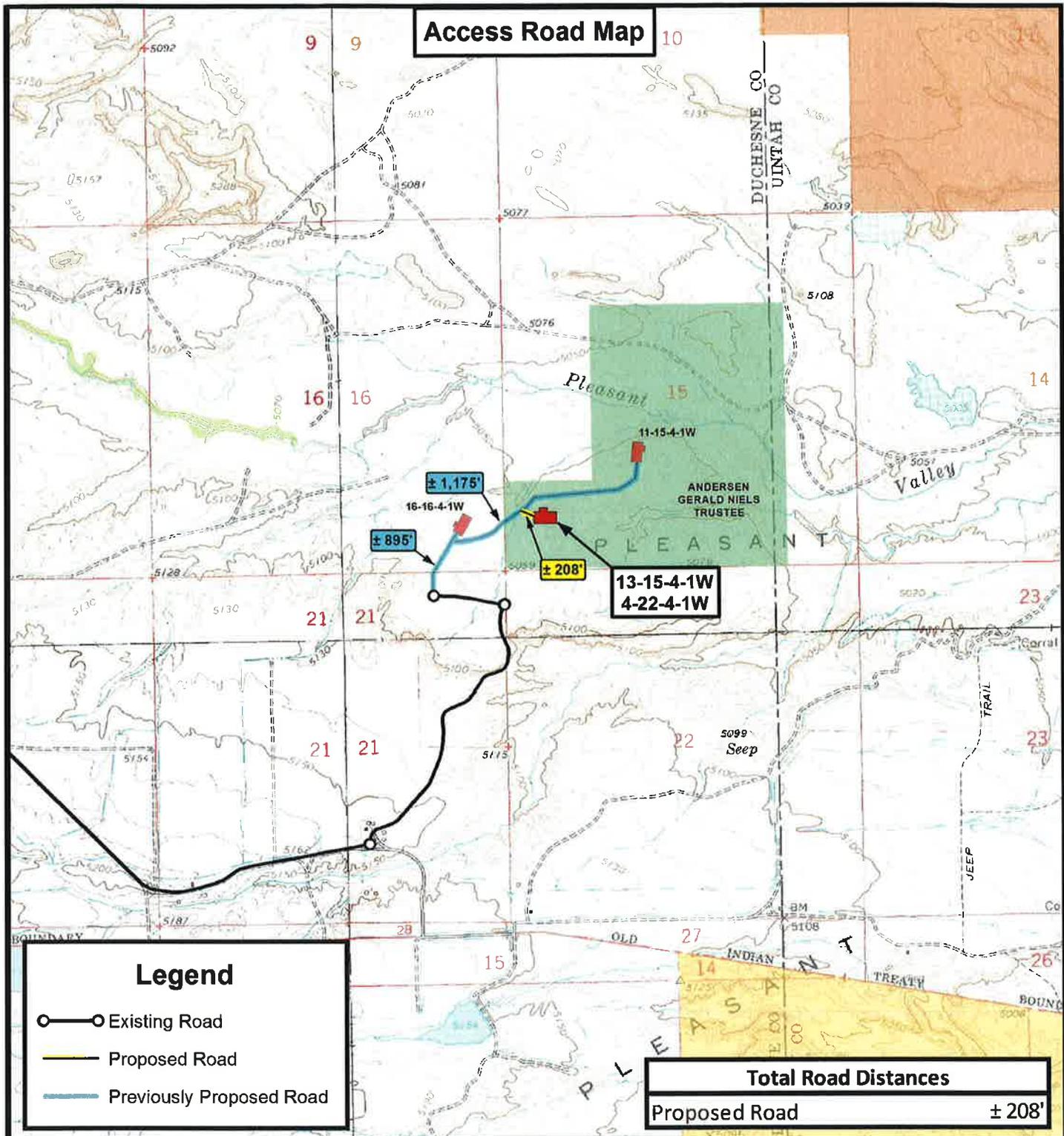
DRAWN BY:	C.H.M.	REVISED:	07-23-12 A.P.C.
DATE:	10-29-2010	<b>V2</b>	
SCALE:	1:100,000		



**NEWFIELD EXPLORATION COMPANY**  
 13-15-4-1W  
 4-22-4-1W  
 SEC. 15, T4S, R1W, U.S.B.&M.  
 Duchesne County, UT.

**TOPOGRAPHIC MAP**

**SHEET**  
**A**



**Legend**

- Existing Road
- Proposed Road
- Previously Proposed Road

Total Road Distances	
Proposed Road	± 208'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State  
Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501  
F: (435) 781-2518

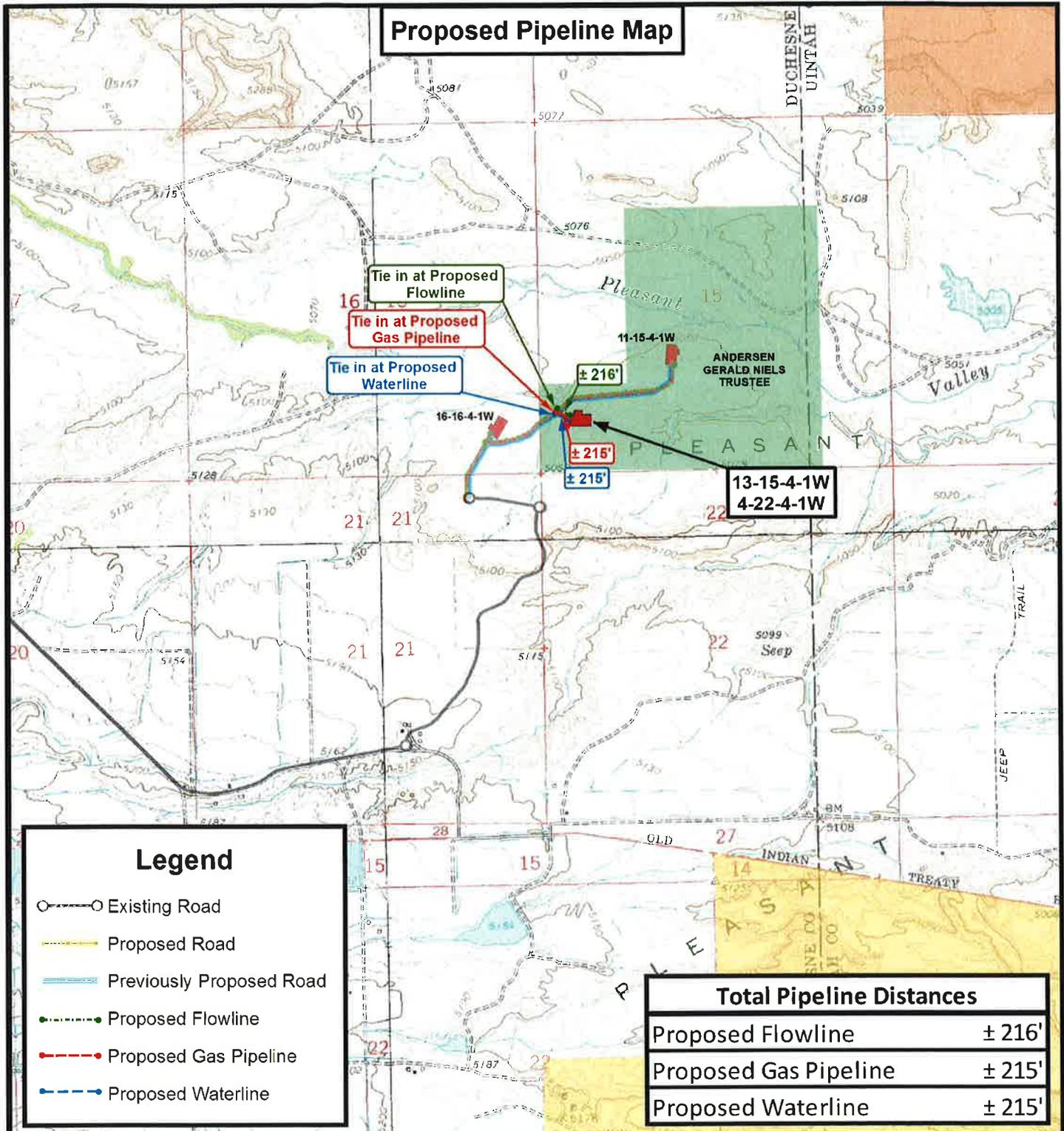
DRAWN BY: C.H.M.	REVISED: 07-23-12 A.P.C.	VERSION:
DATE: 10-29-2010		V2
SCALE: 1" = 2,000'		



**NEWFIELD EXPLORATION COMPANY**

13-15-4-1W  
4-22-4-1W  
SEC. 15, T4S, R1W, U.S.B.&M.  
Duchesne County, UT.

<b>TOPOGRAPHIC MAP</b>	SHEET <b>B</b>
------------------------	-------------------



**Legend**

- Existing Road
- Proposed Road
- Previously Proposed Road
- Proposed Flowline
- Proposed Gas Pipeline
- Proposed Waterline

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State  
Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501  
F: (435) 781-2518



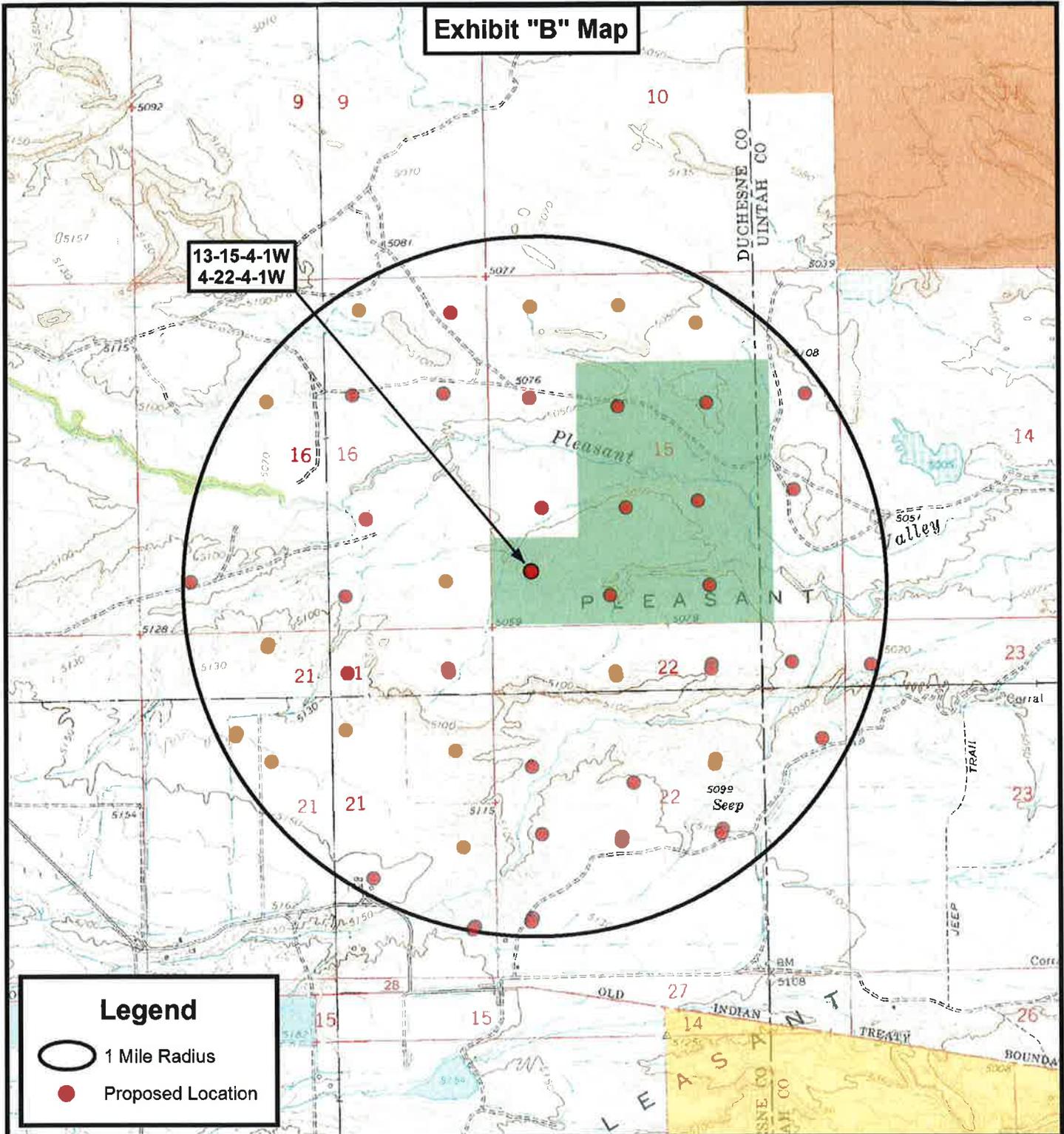
**NEWFIELD EXPLORATION COMPANY**

13-15-4-1W  
4-22-4-1W  
SEC. 15, T4S, R1W, U.S.B.&M.  
Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	07-23-12 A.P.C.	VERSION:
DATE:	10-29-2010			V2
SCALE:	1" = 2,000'			

**TOPOGRAPHIC MAP**

SHEET  
**C**



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

**Tri State Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 P: (435) 781-2501  
 F: (435) 781-2518



**NEWFIELD EXPLORATION COMPANY**  
 13-15-4-1W  
 4-22-4-1W  
 SEC. 15, T4S, R1W, U.S.B.&M.  
 Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	07-23-12 A.P.C.	VERSION:
DATE:	10-29-2010			<b>V2</b>
SCALE:	1" = 2,000'			

**TOPOGRAPHIC MAP**

SHEET  
**D**

**NEWFIELD**



## **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)  
SECTION 15 T4S, R1W  
4-22-4-1W**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**18 September, 2012**





**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 4-22-4-1W
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	4-22-4-1W @ 5081.2ft (Newfield Rig)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	4-22-4-1W @ 5081.2ft (Newfield Rig)
<b>Site:</b>	SECTION 15 T4S, R1W	<b>North Reference:</b>	True
<b>Well:</b>	4-22-4-1W	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

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

<b>Site</b>	SECTION 15 T4S, R1W				
<b>Site Position:</b>		<b>Northing:</b>	7,221,618.19 ft	<b>Latitude:</b>	40° 8' 7.199 N
<b>From:</b>	Map	<b>Easting:</b>	2,064,643.83 ft	<b>Longitude:</b>	109° 58' 57.286 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.97 °

<b>Well</b>	4-22-4-1W, SHL LAT: 40 07 47.77 LONG: -109 59 23.47					
<b>Well Position</b>	<b>+N/-S</b>	-1,966.0 ft	<b>Northing:</b>	7,219,618.19 ft	<b>Latitude:</b>	40° 7' 47.770 N
	<b>+E/-W</b>	-2,033.5 ft	<b>Easting:</b>	2,062,643.83 ft	<b>Longitude:</b>	109° 59' 23.470 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	5,081.2 ft	<b>Ground Level:</b>	5,069.2 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	9/17/2012	11.14	65.85	52,206

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	176.79

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	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,469.9	13.05	176.79	1,462.4	-98.5	5.5	1.50	1.50	20.32	176.79	
7,359.6	13.05	176.79	7,200.0	-1,426.1	80.0	0.00	0.00	0.00	0.00	4-22-4-1W TVD



**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 4-22-4-1W
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	4-22-4-1W @ 5081.2ft (Newfield Rig)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	4-22-4-1W @ 5081.2ft (Newfield Rig)
<b>Site:</b>	SECTION 15 T4S, R1W	<b>North Reference:</b>	True
<b>Well:</b>	4-22-4-1W	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	1.50	176.79	700.0	-1.3	0.1	1.3	1.50	1.50	0.00	
800.0	3.00	176.79	799.9	-5.2	0.3	5.2	1.50	1.50	0.00	
900.0	4.50	176.79	899.7	-11.8	0.7	11.8	1.50	1.50	0.00	
1,000.0	6.00	176.79	999.3	-20.9	1.2	20.9	1.50	1.50	0.00	
1,100.0	7.50	176.79	1,098.6	-32.6	1.8	32.7	1.50	1.50	0.00	
1,200.0	9.00	176.79	1,197.5	-47.0	2.6	47.0	1.50	1.50	0.00	
1,300.0	10.50	176.79	1,296.1	-63.9	3.6	64.0	1.50	1.50	0.00	
1,400.0	12.00	176.79	1,394.2	-83.3	4.7	83.5	1.50	1.50	0.00	
1,469.9	13.05	176.79	1,462.4	-98.5	5.5	98.6	1.50	1.50	0.00	
1,500.0	13.05	176.79	1,491.7	-105.3	5.9	105.4	0.00	0.00	0.00	
1,600.0	13.05	176.79	1,589.1	-127.8	7.2	128.0	0.00	0.00	0.00	
1,700.0	13.05	176.79	1,686.6	-150.3	8.4	150.6	0.00	0.00	0.00	
1,800.0	13.05	176.79	1,784.0	-172.9	9.7	173.2	0.00	0.00	0.00	
1,900.0	13.05	176.79	1,881.4	-195.4	11.0	195.7	0.00	0.00	0.00	
2,000.0	13.05	176.79	1,978.8	-218.0	12.2	218.3	0.00	0.00	0.00	
2,100.0	13.05	176.79	2,076.2	-240.5	13.5	240.9	0.00	0.00	0.00	
2,200.0	13.05	176.79	2,173.6	-263.0	14.8	263.5	0.00	0.00	0.00	
2,300.0	13.05	176.79	2,271.1	-285.6	16.0	286.0	0.00	0.00	0.00	
2,400.0	13.05	176.79	2,368.5	-308.1	17.3	308.6	0.00	0.00	0.00	
2,500.0	13.05	176.79	2,465.9	-330.7	18.5	331.2	0.00	0.00	0.00	
2,600.0	13.05	176.79	2,563.3	-353.2	19.8	353.8	0.00	0.00	0.00	
2,700.0	13.05	176.79	2,660.7	-375.8	21.1	376.3	0.00	0.00	0.00	
2,800.0	13.05	176.79	2,758.2	-398.3	22.3	398.9	0.00	0.00	0.00	
2,900.0	13.05	176.79	2,855.6	-420.8	23.6	421.5	0.00	0.00	0.00	
3,000.0	13.05	176.79	2,953.0	-443.4	24.9	444.1	0.00	0.00	0.00	
3,100.0	13.05	176.79	3,050.4	-465.9	26.1	466.7	0.00	0.00	0.00	
3,200.0	13.05	176.79	3,147.8	-488.5	27.4	489.2	0.00	0.00	0.00	
3,300.0	13.05	176.79	3,245.2	-511.0	28.7	511.8	0.00	0.00	0.00	
3,400.0	13.05	176.79	3,342.7	-533.5	29.9	534.4	0.00	0.00	0.00	
3,500.0	13.05	176.79	3,440.1	-556.1	31.2	557.0	0.00	0.00	0.00	
3,600.0	13.05	176.79	3,537.5	-578.6	32.5	579.5	0.00	0.00	0.00	
3,700.0	13.05	176.79	3,634.9	-601.2	33.7	602.1	0.00	0.00	0.00	
3,800.0	13.05	176.79	3,732.3	-623.7	35.0	624.7	0.00	0.00	0.00	
3,900.0	13.05	176.79	3,829.8	-646.2	36.2	647.3	0.00	0.00	0.00	
4,000.0	13.05	176.79	3,927.2	-668.8	37.5	669.8	0.00	0.00	0.00	
4,100.0	13.05	176.79	4,024.6	-691.3	38.8	692.4	0.00	0.00	0.00	
4,200.0	13.05	176.79	4,122.0	-713.9	40.0	715.0	0.00	0.00	0.00	
4,300.0	13.05	176.79	4,219.4	-736.4	41.3	737.6	0.00	0.00	0.00	
4,400.0	13.05	176.79	4,316.8	-759.0	42.6	760.1	0.00	0.00	0.00	
4,500.0	13.05	176.79	4,414.3	-781.5	43.8	782.7	0.00	0.00	0.00	
4,600.0	13.05	176.79	4,511.7	-804.0	45.1	805.3	0.00	0.00	0.00	
4,700.0	13.05	176.79	4,609.1	-826.6	46.4	827.9	0.00	0.00	0.00	
4,800.0	13.05	176.79	4,706.5	-849.1	47.6	850.5	0.00	0.00	0.00	
4,900.0	13.05	176.79	4,803.9	-871.7	48.9	873.0	0.00	0.00	0.00	
5,000.0	13.05	176.79	4,901.4	-894.2	50.2	895.6	0.00	0.00	0.00	
5,100.0	13.05	176.79	4,998.8	-916.7	51.4	918.2	0.00	0.00	0.00	
5,200.0	13.05	176.79	5,096.2	-939.3	52.7	940.8	0.00	0.00	0.00	



**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 4-22-4-1W
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	4-22-4-1W @ 5081.2ft (Newfield Rig)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	4-22-4-1W @ 5081.2ft (Newfield Rig)
<b>Site:</b>	SECTION 15 T4S, R1W	<b>North Reference:</b>	True
<b>Well:</b>	4-22-4-1W	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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)	
5,300.0	13.05	176.79	5,193.6	-961.8	53.9	963.3	0.00	0.00	0.00	
5,400.0	13.05	176.79	5,291.0	-984.4	55.2	985.9	0.00	0.00	0.00	
5,500.0	13.05	176.79	5,388.4	-1,006.9	56.5	1,008.5	0.00	0.00	0.00	
5,600.0	13.05	176.79	5,485.9	-1,029.5	57.7	1,031.1	0.00	0.00	0.00	
5,700.0	13.05	176.79	5,583.3	-1,052.0	59.0	1,053.6	0.00	0.00	0.00	
5,800.0	13.05	176.79	5,680.7	-1,074.5	60.3	1,076.2	0.00	0.00	0.00	
5,900.0	13.05	176.79	5,778.1	-1,097.1	61.5	1,098.8	0.00	0.00	0.00	
6,000.0	13.05	176.79	5,875.5	-1,119.6	62.8	1,121.4	0.00	0.00	0.00	
6,100.0	13.05	176.79	5,973.0	-1,142.2	64.1	1,144.0	0.00	0.00	0.00	
6,200.0	13.05	176.79	6,070.4	-1,164.7	65.3	1,166.5	0.00	0.00	0.00	
6,300.0	13.05	176.79	6,167.8	-1,187.2	66.6	1,189.1	0.00	0.00	0.00	
6,400.0	13.05	176.79	6,265.2	-1,209.8	67.8	1,211.7	0.00	0.00	0.00	
6,500.0	13.05	176.79	6,362.6	-1,232.3	69.1	1,234.3	0.00	0.00	0.00	
6,600.0	13.05	176.79	6,460.0	-1,254.9	70.4	1,256.8	0.00	0.00	0.00	
6,700.0	13.05	176.79	6,557.5	-1,277.4	71.6	1,279.4	0.00	0.00	0.00	
6,800.0	13.05	176.79	6,654.9	-1,299.9	72.9	1,302.0	0.00	0.00	0.00	
6,900.0	13.05	176.79	6,752.3	-1,322.5	74.2	1,324.6	0.00	0.00	0.00	
7,000.0	13.05	176.79	6,849.7	-1,345.0	75.4	1,347.1	0.00	0.00	0.00	
7,100.0	13.05	176.79	6,947.1	-1,367.6	76.7	1,369.7	0.00	0.00	0.00	
7,200.0	13.05	176.79	7,044.6	-1,390.1	78.0	1,392.3	0.00	0.00	0.00	
7,300.0	13.05	176.79	7,142.0	-1,412.7	79.2	1,414.9	0.00	0.00	0.00	
7,359.6	13.05	176.79	7,200.0	-1,426.1	80.0	1,428.3	0.00	0.00	0.00	



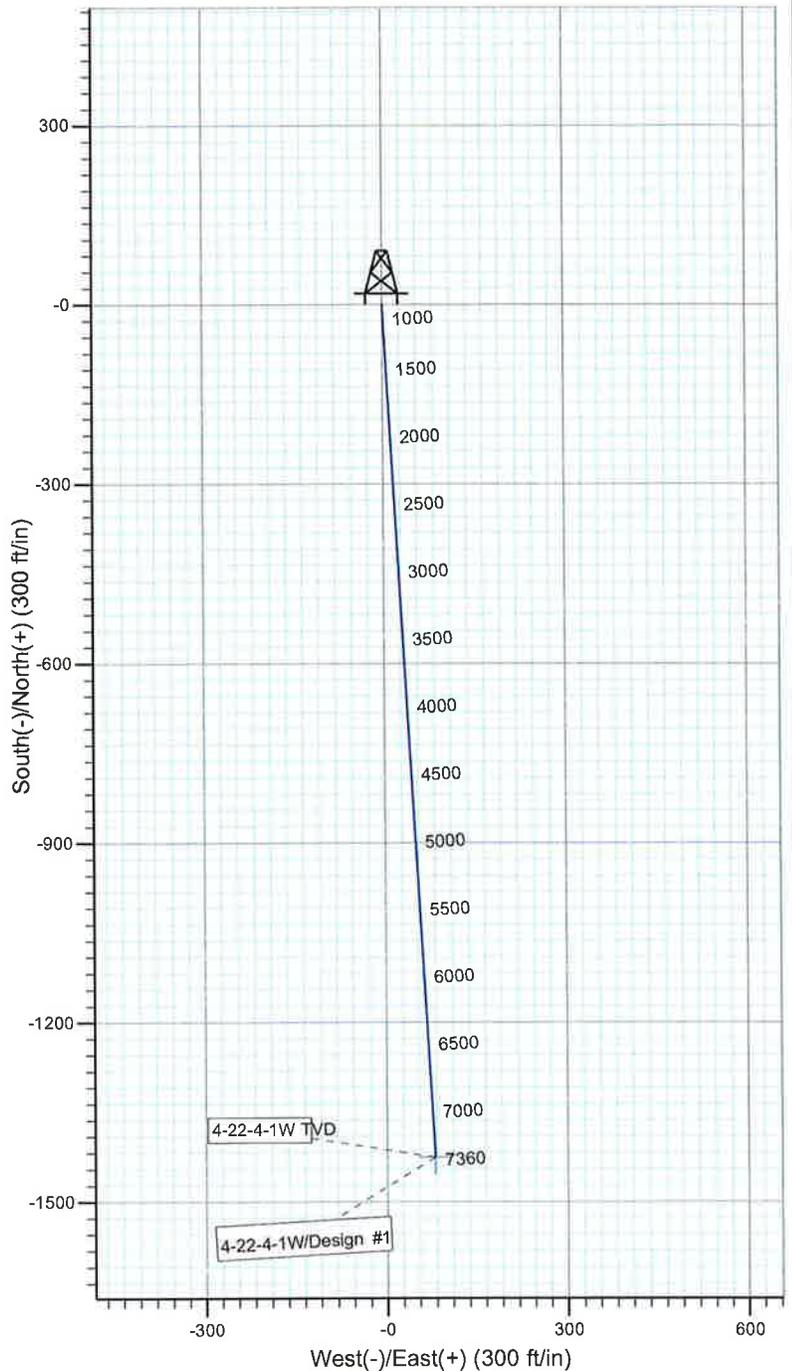
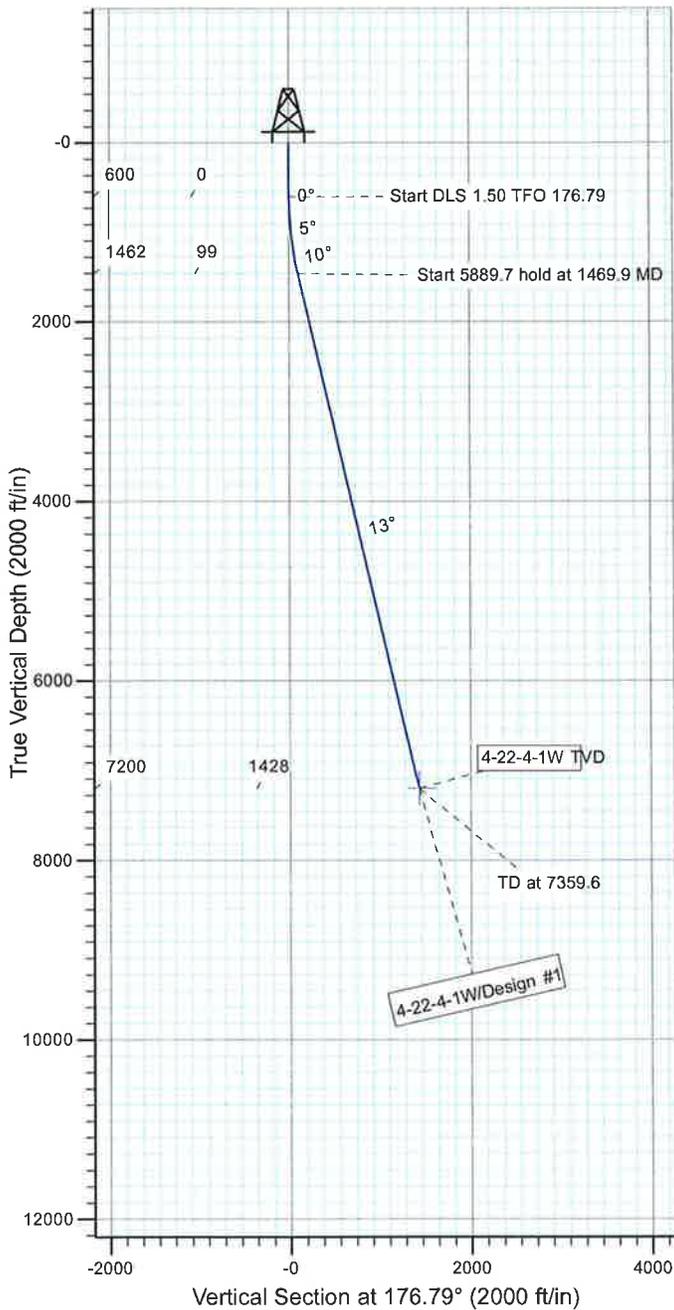
Project: USGS Myton SW (UT)  
 Site: SECTION 15 T4S, R1W  
 Well: 4-22-4-1W  
 Wellbore: Wellbore #1  
 Design: Design #1



Azimuths to True North  
 Magnetic North: 11.14°

Magnetic Field  
 Strength: 52205.9snT  
 Dip Angle: 65.85°  
 Date: 9/17/2012  
 Model: IGRF2010

KOP @ 600'  
 DOGLEG RATE 1.5 DEG/100'



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
4-22-4-1W TVD	7200.0	-1426.1	80.0	Point

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	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1469.9	13.05	176.79	1462.4	-98.5	5.5	1.50	176.79	98.6	
4	7359.6	13.05	176.79	7200.0	-1426.1	80.0	0.00	1428.3		4-22-4-1W TVD



MEMORANDUM  
of  
EASEMENT, RIGHT-OF-WAY  
and  
SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 9<sup>th</sup> day of Nov., 2011 by and between **Gerald N. Andersen Family Trust, Gerald N. Andersen and Rhea J. Andersen** whose address is 657 W. Lakeview Road, Lindon, Utah 84042, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 1 West

Section 15: SE1/4 NW1/4; SW1/4 NE1/4; W1/2 SE1/4; E1/2 SW1/4; SW1/4 SW1/4.

Section 16: SE1/4 SE1/4; S1/2 SW1/4 SE1/4

Duchesne County, Utah  
Being 340 acres, more or less

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated Nov. 9<sup>th</sup>, 2011 as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned. This agreement replaces and supersedes any and all prior agreements covering the lands described herein.

These Parties hereto have executed this document effective as of the day first above written.

SURFACE OWNER

NEWFIELD PRODUCTION COMPANY

By: Gerald N. Andersen  
Gerald N. Andersen, Trustee

By: \_\_\_\_\_

By: Rhea J. Andersen  
Rhea J. Andersen, Trustee



STATE OF UTAH )  
                  ) ss  
COUNTY OF UTAH )

This instrument was acknowledged before me this 07<sup>th</sup> day of NOV, 2011 by  
Gerald N. Andersen Family Trust, Gerald N. Andersen and Rhea J. Andersen, Private Surface Owners.

Witness my hand and official seal.

*Jeff Henderson*  
Notary Public

My commission expires 11-10-14

STATE OF COLORADO )  
                          ) ss  
COUNTY OF DENVER )

This instrument was acknowledged before me this \_\_\_ day of \_\_\_, 2011 by  
\_\_\_\_\_ of Newfield Production Company,  
a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

CONFIDENTIAL

RECEIVE

**NEWFIELD PRODUCTION COMPANY  
UTE TRIBAL 4-22-4-1W  
AT SURFACE: SW/SW SECTION 15, T4S, R1W  
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 Ute Tribal 4-22-4-1W located in the SW 1/4 SW 1/4 Section 15, T4S, R1W, 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 in a southwesterly direction approximately 2.3 miles to it's junction with an existing road to the east; proceed in an easterly and then southerly direction approximately 4.5 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 2.9 miles to it's junction with an existing road to the northeast; proceed northeasterly approximately 0.9 miles to it's junction with an existing road to the west; proceed westerly approximately 0.2 miles to it's junction with an existing road to the northeast; proceed northeasterly - 2,070'  $\pm$  to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly along the proposed access road approximately 208' to the proposed well location.

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

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

**2. PLANNED ACCESS ROAD**

Approximately 208' of access road is proposed for the proposed well. See attached **Topographic Map "B"**.

The proposed access road will be an 20' crown road (10' 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.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

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

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

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

Tank batteries will be built to State specifications.

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

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

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

Johnson Water District  
Water Right : 43-10136

Maurice Harvey Pond  
Water Right: 47-1358

Neil Moon Pond  
Water Right: 43-11787

Newfield Collector Well  
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

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

reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

**Fencing Requirements**

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

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

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

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

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

- a) Producing Location

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

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

- b) Dry Hole Abandoned Location

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

11. **SURFACE OWNERSHIP** – Gerald N. Andersen.

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit #U-10-MQ-0846p 12/21/10, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, SWCA Environmental Consultants, 12/3/10. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 208' of planned access road to be granted. **Refer to Topographic Map "B"**. Newfield Production Company requests 215' of surface gas line to be granted. Newfield Production Company requests 215' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 4" poly fuel gas line, a buried 10" steel water injection line, a buried 3" poly water return line, and a 14" surface flow line. The planned access road will consist of a 20' permanent running surface (10' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events 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 turnouts as needed along this road to allow for increases in potential traffic issues. 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.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C"**. The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

**Surface Flow Line**

Newfield requests 216' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment

creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

Termination and Final Reclamation: After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

#### **Water Disposal**

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw 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, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

#### **Additional Surface Stipulations**

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

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 4-22-4-1W, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 4-22-4-1W, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

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

Representative

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

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #4-22-4-1W, SW/SW Section 15, T4S, R1W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage for this well is covered by the Bureau of Indian Affairs Bond #RLB0010462.

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

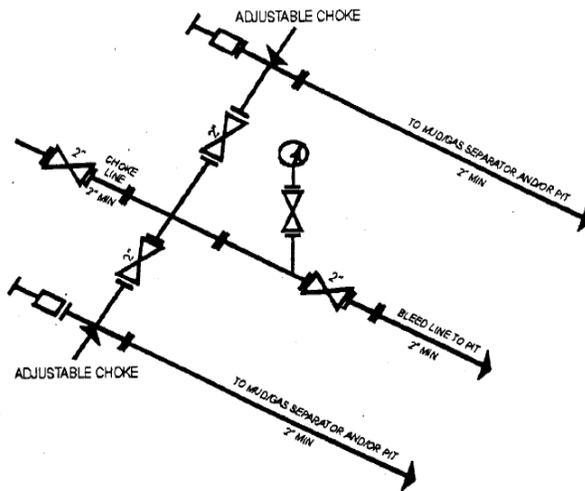
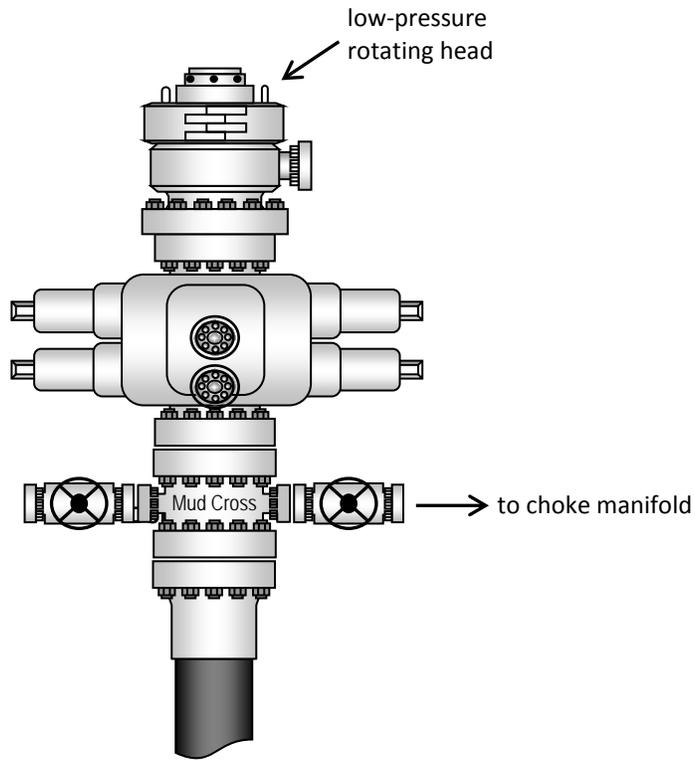
9/7/12  
Date

Mandie Crozier

Digitally signed by Mandie Crozier  
DN: cn=Mandie Crozier, o=Newfield  
Production, ou=Regulatory Analyst,  
email=mandie@newfield.com, c=US  
Date: 2012.09.07 11:35:42 -0600

Mandie Crozier  
Regulatory Analyst  
Newfield Production Company

### Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

VIA ELECTRONIC DELIEVERY

**NEWFIELD**



February 27, 2013

State of Utah, Division of Oil, Gas & Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

**Newfield Exploration Company**

1001 17th Street | Suite 2000  
Denver, Colorado 80202  
PH 303-893-0102 | FAX 303-893-0103

RE: Directional Drilling  
**Ute Tribal 4-22-4-1W**

Surface Hole: T4S-R1W, Section 15: SWSW  
767' FSL 607' FWL

At Target: T4S R1W, Section 22: NWNW  
660' FNL 660' FWL

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 2/7/2011 amended 9/19/2012, a copy of which is attached, and in accordance with the Oil Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well. NPC is permitting this well as a directional well due to the protected cactus.

Please note the surface hole and target locations of this well and all surrounding acreage within a four hundred sixty (460') foot radius is fee acreage and the leasehold is owned 100% by NPC and Crescent Point Energy U.S. Corp (formerly Ute Energy Upstream Holdings LLC). A copy of Crescent Point Energy U.S. Corp. consent to this directional drilling is attached to this letter.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3 - 11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at [lburget@newfield.com](mailto:lburget@newfield.com). Your consideration in this matter is greatly appreciated.

Sincerely,  
Newfield Production Company

A handwritten signature in blue ink that reads "Leslie Burget".

Leslie Burget  
Land Associate

attachments

VIA ELECTRONIC DELIEVERY



February 27, 2013

Crescent Point Energy U.S. Corp  
Attn: David Eckelberger  
1875 Lawrence Avenue  
Suite 200  
Denver, CO 80202

Newfield Exploration Company  
1001 17th Street | Suite 2000  
Denver, Colorado 80202  
PH 303-893-0102 | FAX 303-893-0103

RE: Directional Drilling  
Ute Tribal 4-22-4-1W  
Duchesne Counties, Utah

Dear Mr. Eckelberger:

In accordance with Section 3.1.D of the Exploration & Development Agreement dated February 23, 2007 among the Ute Indian Tribe, Newfield Production Company and the Ute Distribution Corporation, please be advised that Newfield is requesting approval from the Utah Division of Oil, Gas & Mining for the following well:

**Ute Tribal 4-22-4-1W**  
Surface Hole Location: T4S R1W, Section 15: SWSW  
767' FSL 607' FWL  
Bottom Hole Location: T4S R1W, Section 22: NWNW  
660' FNL 660' FWL  
Duchesne County, Utah

This well needs to be drilled directionally due to the protected cactus. Pursuant to State of Utah R649-3-11, it is necessary to obtain your written concurrence with the directional drilling as an affected party

Enclosed you will find a plat showing the surface hole location and bottom hole location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention as soon as possible. You may return your consent to the letterhead address or by email to [lburget@newfield.com](mailto:lburget@newfield.com).

If you have any questions or need further information, please do not heistat to contact me at 303-383-4121 or by email at [lburget@newfield.com](mailto:lburget@newfield.com). I appreciate your prompt attention to this matter.

Sincerely,  
Newfield Production Company



Leslie Burget  
Land Associate

attachments

Return to:  
Newfield Production Company  
ATTN: Leslie Burget  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, CO 80202  
lburget@newfield.com

Re: Directional Drill  
Surface Hole Location: T4S R1W, Section 15: SWSW  
767' FSL 607' FWL  
Bottom Hole Location: T4S R1W, Section 22: NWNW  
660' FNL 660' FWL  
Duchesne County, Utah

Please be advised Crescent Point Energy U.S. Corp. does not have an objection to the proposed location of the  
aforementioned well.

By:



David Eckelberger, Landman

Print Name and Title

Date:

2/27/13

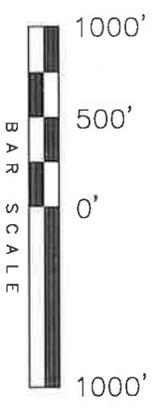
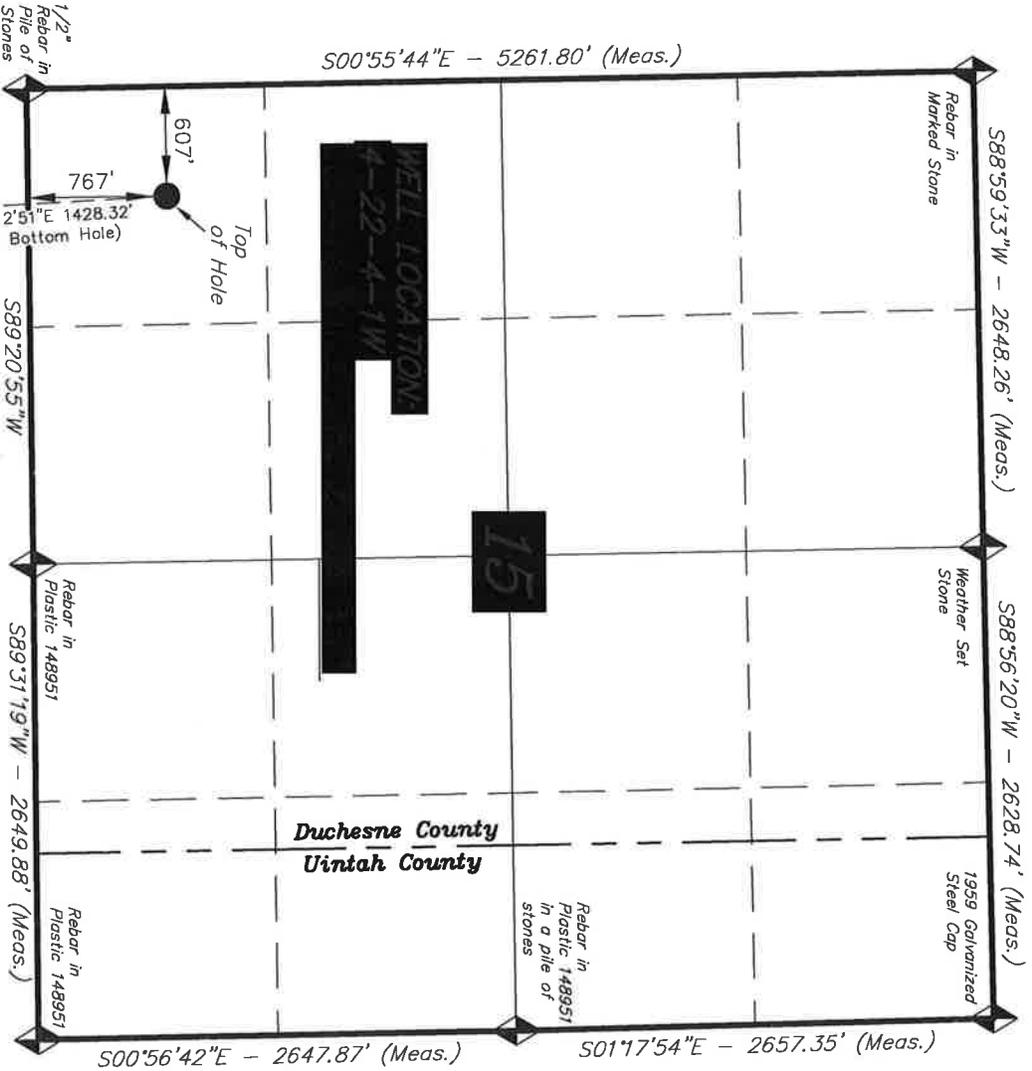
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING							FORM 3			
							AMENDED REPORT <input checked="" type="checkbox"/>			
<b>APPLICATION FOR PERMIT TO DRILL</b>					<b>1. WELL NAME and NUMBER</b> Ute Tribal 4-22-4-1W					
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>					<b>3. FIELD OR WILDCAT</b> MONUMENT BUTTE					
<b>4. TYPE OF WELL</b> Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>					<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>					
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY					<b>7. OPERATOR PHONE</b> 435 646-4825					
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630, Myton, UT, 84052					<b>9. OPERATOR E-MAIL</b> mcrozier@newfield.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 1420H626123			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Gerald N. Anderson Family Trust					<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 657 W Lakeview Rd., Lindon, UT 84042					<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>					
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Ute Tribe			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>				
LOCATION AT SURFACE	767 FSL 607 FWL	SWSW	15	4.0 S	1.0 W	U				
Top of Uppermost Producing Zone	660 FNL 660 FWL	NWNW	22	4.0 S	1.0 W	U				
At Total Depth	660 FNL 660 FWL	NWNW	22	4.0 S	1.0 W	U				
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 660		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40					
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1320		<b>26. PROPOSED DEPTH</b> MD: 7360 TVD: 7200					
<b>27. ELEVATION - GROUND LEVEL</b> 5069			<b>28. BOND NUMBER</b> RLB0010462		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 437478					
<b>Hole, Casing, and Cement Information</b>										
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>
SURF	12.25	8.625	0 - 500	24.0	J-55 ST&C	8.3	Class G	203	1.17	15.8
PROD	7.875	5.5	0 - 7360	15.5	J-55 LT&C	9.0	Premium Lite High Strength	332	3.49	11.0
							50/50 Poz	249	1.24	14.3
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" 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 02/07/2011			EMAIL mcrozier@newfield.com				
API NUMBER ASSIGNED 43013506050000					<b>APPROVAL</b>					

Received: September 19, 2012

# T4S, R1W, U.S.B.&M.

## NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 4-22-4-1W, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 15, T4S, R1W, U.S.B.&M., DUCHESE COUNTY, UTAH.



- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
  2. Bearings are based on Global Positioning Satellite observations.



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

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 1893377  
 STATE OF UTAH  
 07-24-12  
 STACY W.

◆ = SECTION CORNERS LOCATED

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

<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°07'47.77"
LONGITUDE = 109°58'23.47"
<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°07'47.91"
LONGITUDE = 109°58'20.93"

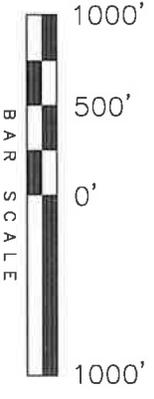
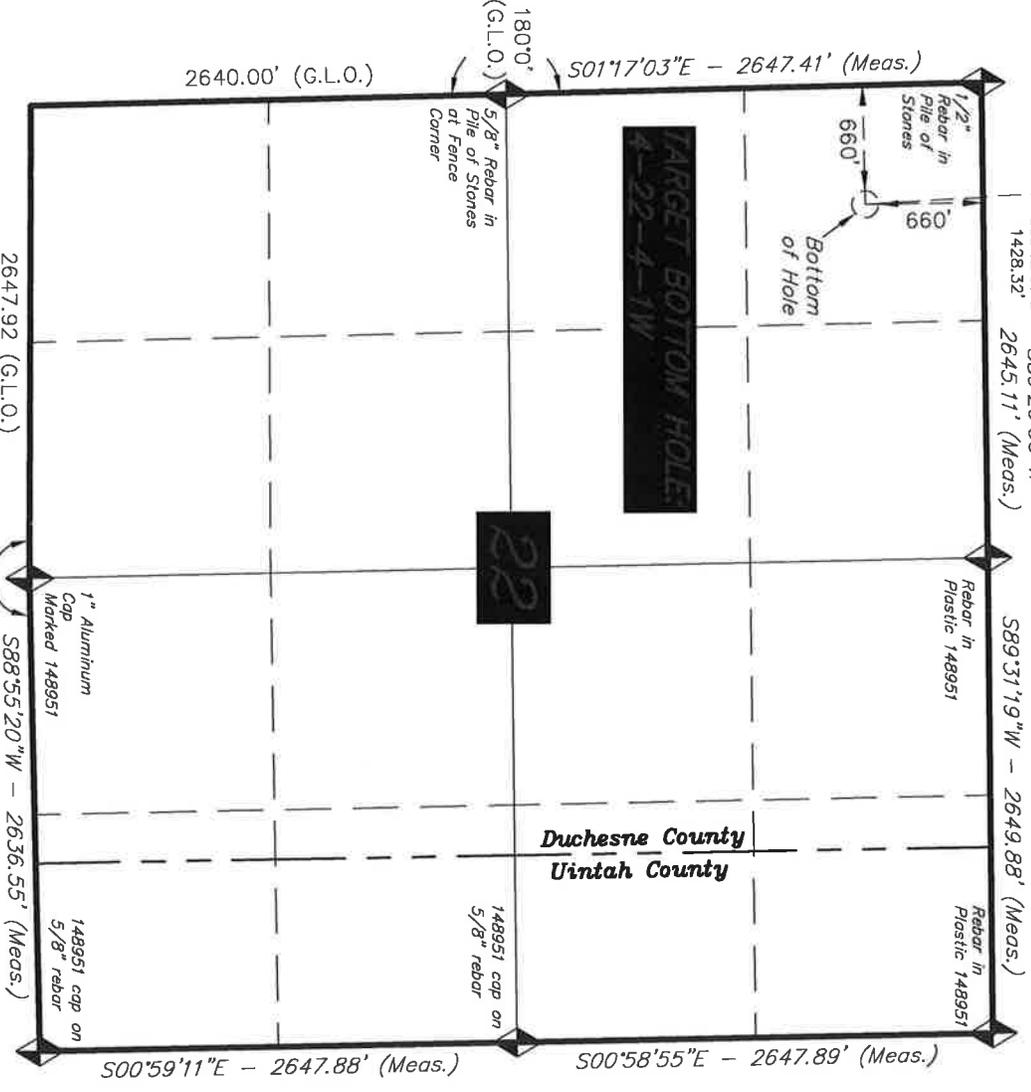
<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 06-27-12	SURVEYED BY: S.H.
DATE DRAWN: 07-23-12	DRAWN BY: R.B.T.
REVISED:	SCALE: 1" = 1000'
VERSION: <b>V2</b>	

Top of Hole

# T4S, R1W, U.S.B.&M.

## NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, 4-22-4-1W, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 22, T4S, R1W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
  2. Bearings are based on Global Positioning Satellite observations.

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

REGISTERED LAND SURVEYOR  
STATE OF UTAH  
STACY W.  
07-24-12  
189377



= SECTION CORNERS LOCATED

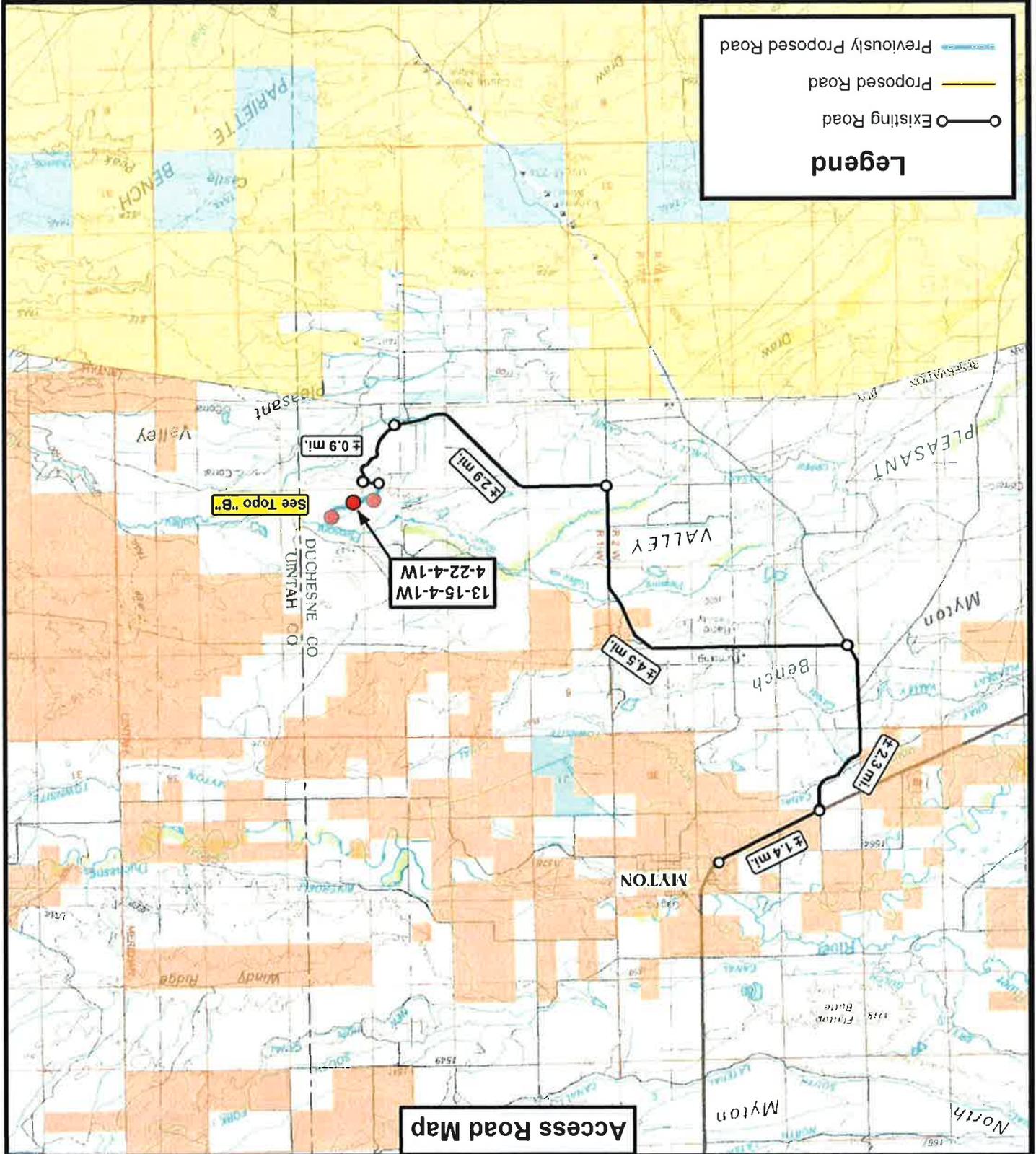
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

<b>NAD 83 (BOTTOM HOLE LOCATION)</b>
LATITUDE = 40°07'33.67"
LONGITUDE = 109°59'22.75"
<b>NAD 27 (BOTTOM HOLE LOCATION)</b>
LATITUDE = 40°07'33.81"
LONGITUDE = 109°59'20.21"

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 06-27-12	SURVEYED BY: S.H.
DATE DRAWN: 07-23-12	DRAWN BY: R.B.T.
REVISED:	SCALE: 1" = 1000'
VERSION:	V2

Received: February 07, 2011

	<b>NEWFIELD EXPLORATION COMPANY</b> 13-15-4-1W 4-22-4-1W SEC. 15, T4S, R1W, U.S.B.&M. Duchesne County, UT.	<b>TOPOGRAPHIC MAP</b> SHEET <b>A</b>
	 <b>Tri State Land Surveying, Inc.</b> P: (435) 781-2501 F: (435) 781-2518 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 C.H.M. REVISED: 07-23-12 A.P.C. VERSION: V2 DATE: 10-29-2010 SCALE: 1:100,000	

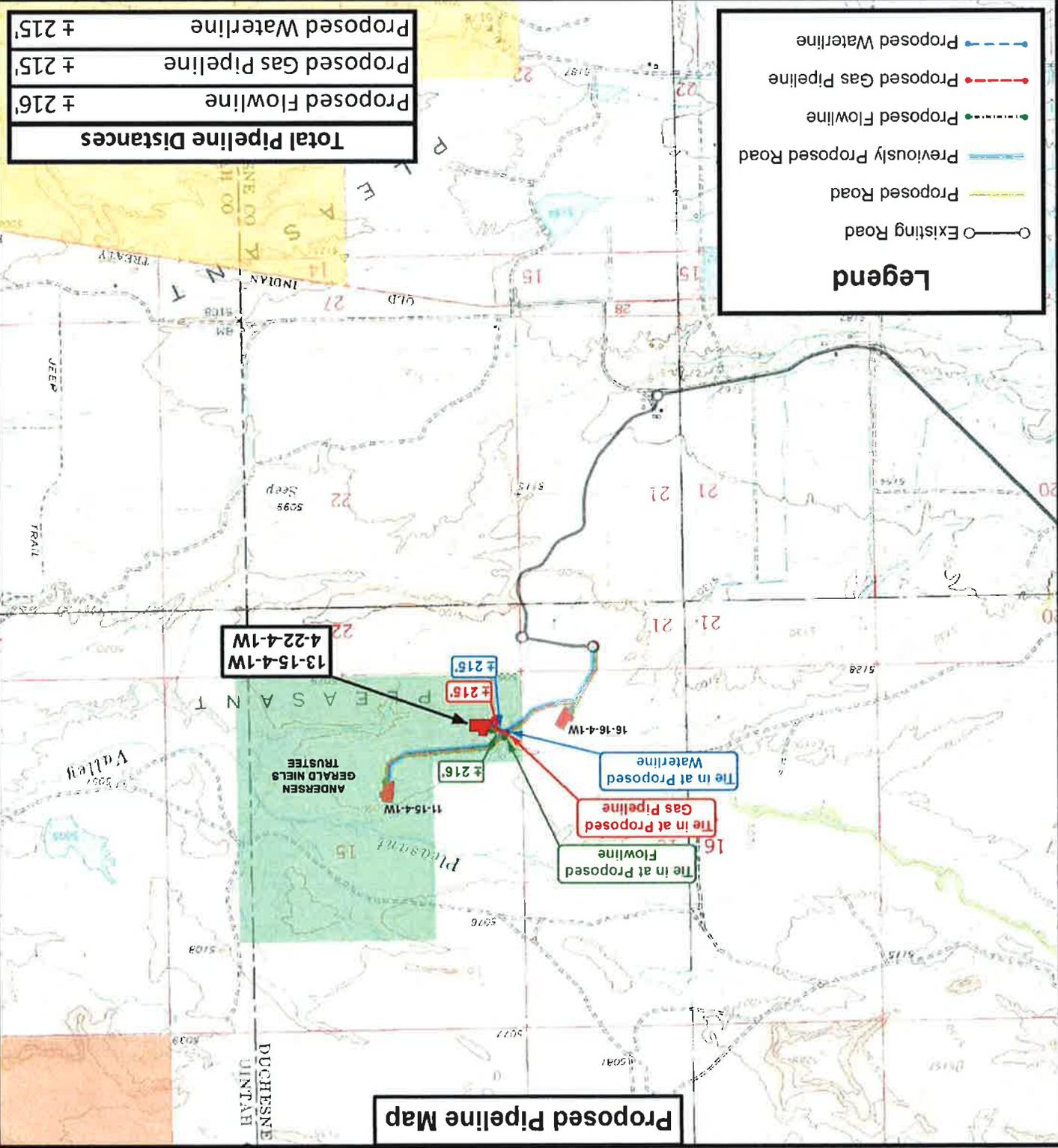




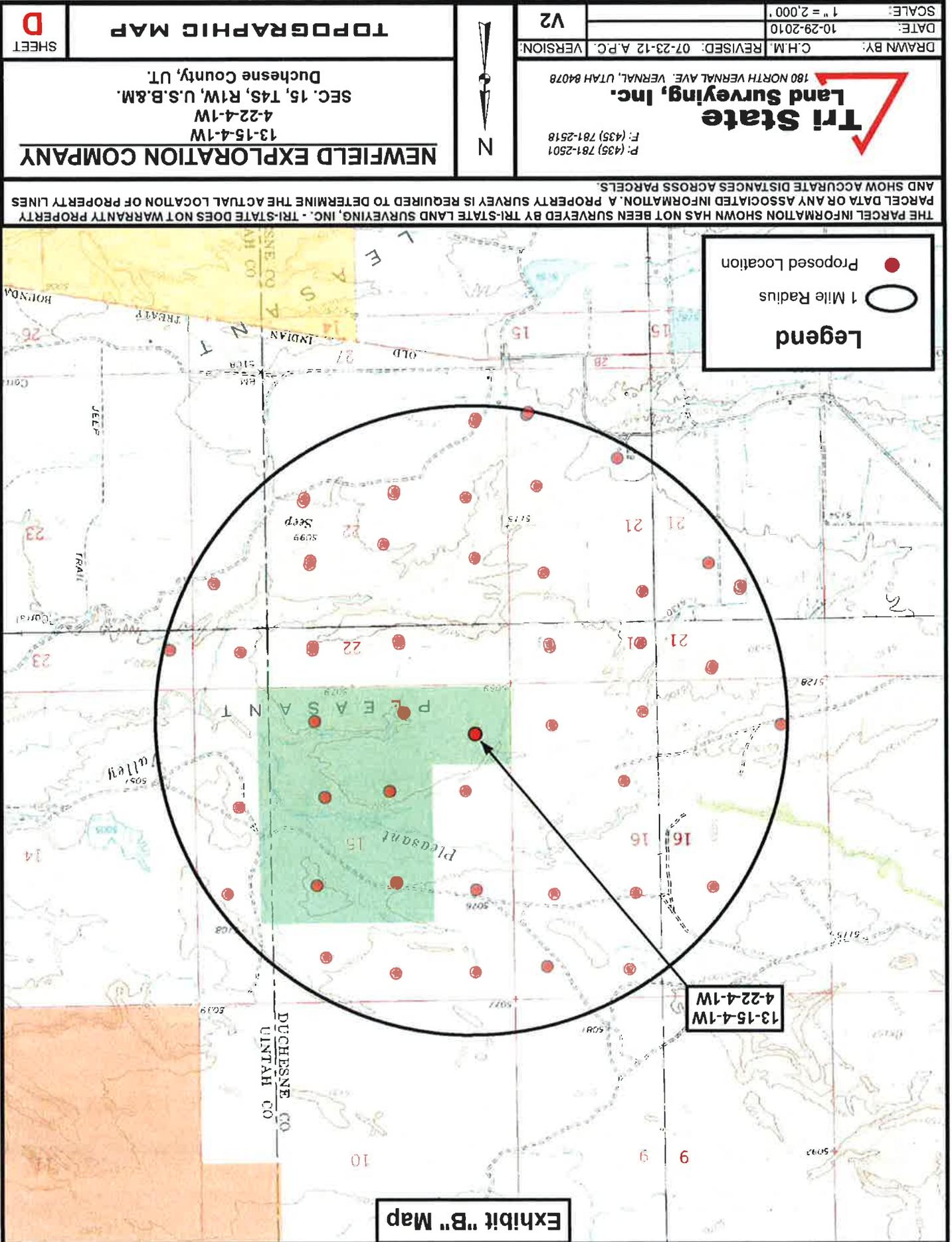
Received: February 07, 2011

	<b>TOPOGRAPHIC MAP</b>		SCALE: 1" = 2,000'
			DATE: 10-29-2010
NEWFIELD EXPLORATION COMPANY 13-15-4-1W 4-22-4-1W SEC. 15, 14S, R1W, U.S.B.&M. Duchesne County, UT.		 P: (435) 781-2501 F: (435) 781-2518 180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
DRAWN BY: C.H.M.		REVISED: 07-23-12 A.P.C.	
VERSION:		V2	

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANT PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



Received: February 07, 2011



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANT PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

**NEWFIELD EXPLORATION COMPANY**  
 13-15-4-1W  
 4-22-4-1W  
 SEC. 15, T4S, R1W, U.S.B.&M.  
 Duchesne County, UT.

**Tri State Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 P: (435) 781-2501  
 F: (435) 781-2518

DRAWN BY: C.H.M. REVISED: 07-23-12 A.P.C. VERSION: V2  
 DATE: 10-29-2010  
 SCALE: 1" = 2,000'

**D**  
SHEET

**TOPOGRAPHIC MAP**





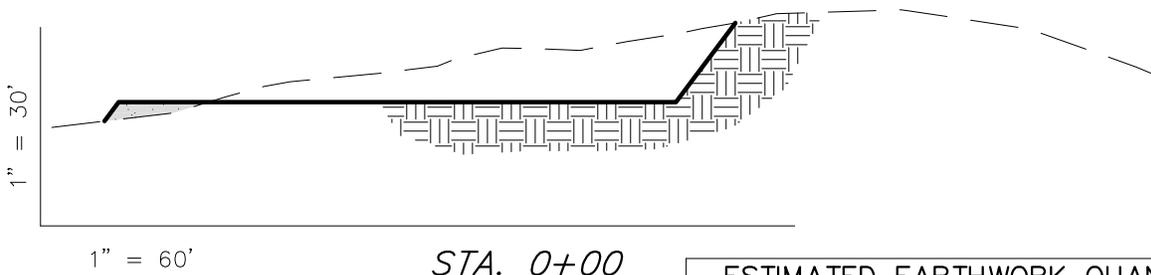
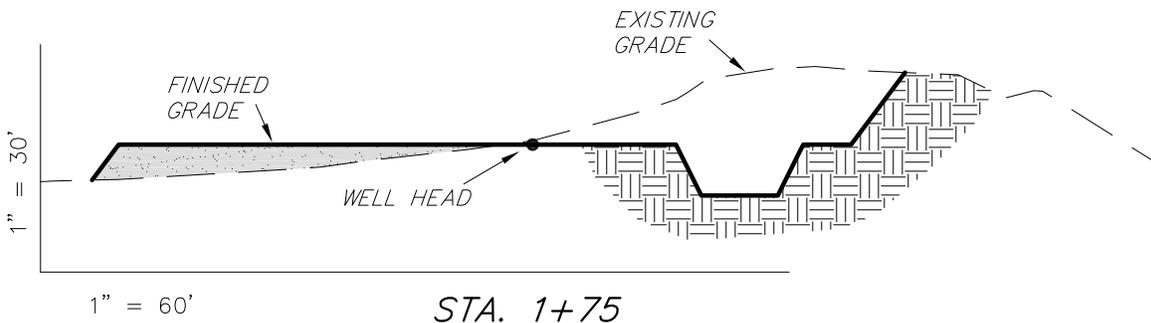
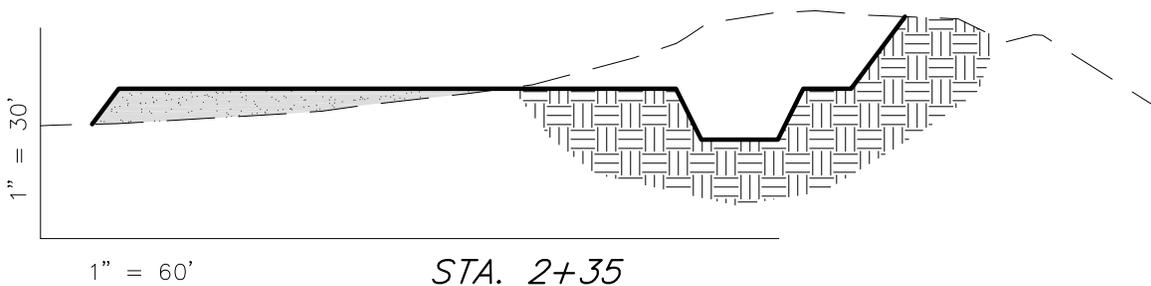
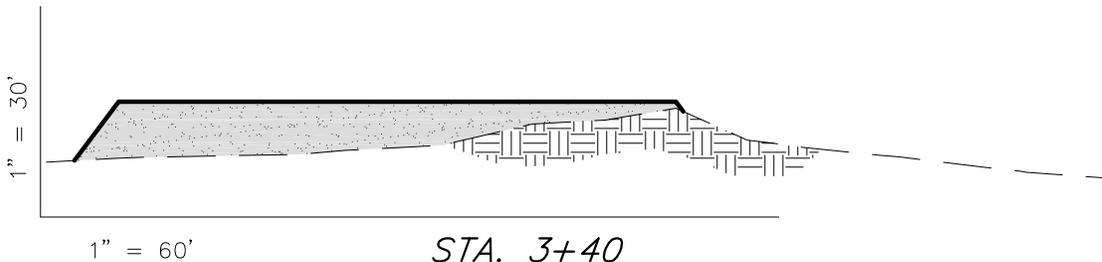
# NEWFIELD EXPLORATION COMPANY

## CROSS SECTIONS

13-15-4-1W

4-22-4-1W

Pad Location: SWSW Section 15, T4S, R1W, U.S.B.&M.



ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,790	6,790	Topsoil is not included in Pad Cut Volume	0
PIT	690	0		690
TOTALS	7,480	6,790	1,580	690

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

SURVEYED BY: S.H.	DATE SURVEYED: 06-27-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 10-26-10	V2
SCALE: 1" = 60'	REVISED: F.T.M. 03-26-13	

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



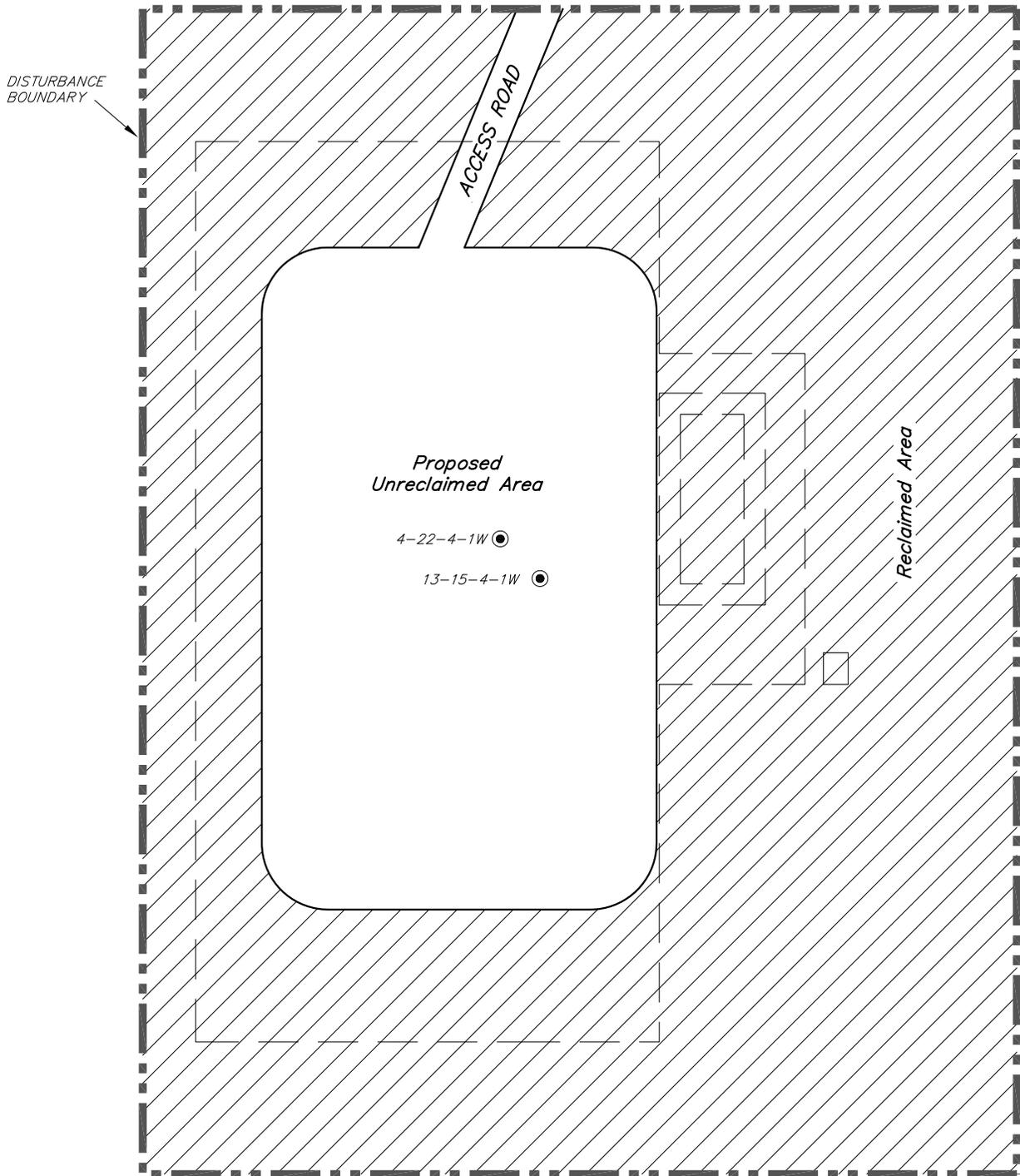
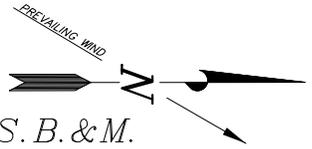
# NEWFIELD EXPLORATION COMPANY

## RECLAMATION LAYOUT

13-15-4-1W

4-22-4-1W

Pad Location: SWSW Section 15, T4S, R1W, U.S.B.&M.



**Notes:**

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

**DISTURBED AREA:**

TOTAL DISTURBED AREA = ±3.33 ACRES  
 TOTAL RECLAIMED AREA = ±2.44 ACRES  
 UNRECLAIMED AREA = ±0.89 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 06-27-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 07-23-12	V2
SCALE: 1" = 60'	REVISED: F.T.M. 03-26-13	

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

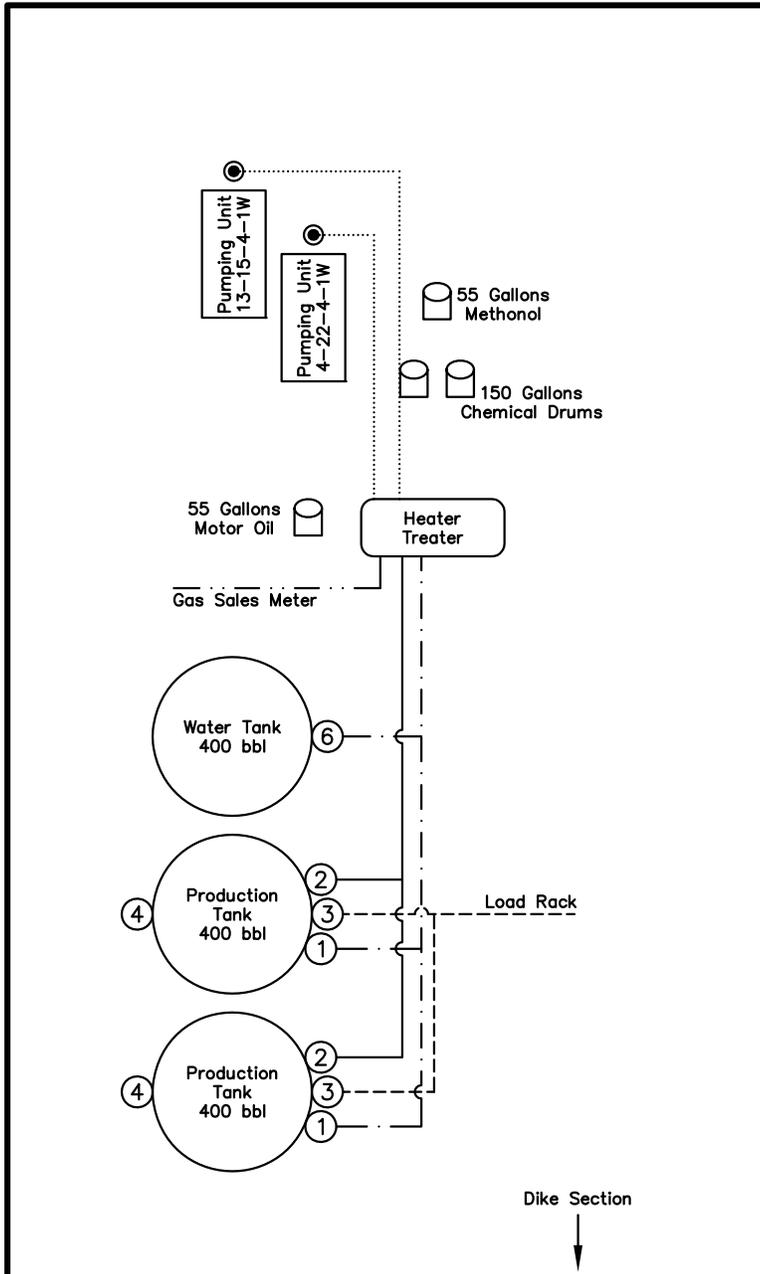
# NEWFIELD EXPLORATION COMPANY

## PROPOSED SITE FACILITY DIAGRAM

13-15-4-1W EDA #20G0005609

4-22-4-1W #20G0005609

*Pad Location: SWSW Section 15, T4S, R1W, U.S.B.&M.  
Duchesne County, Utah*



### Legend

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

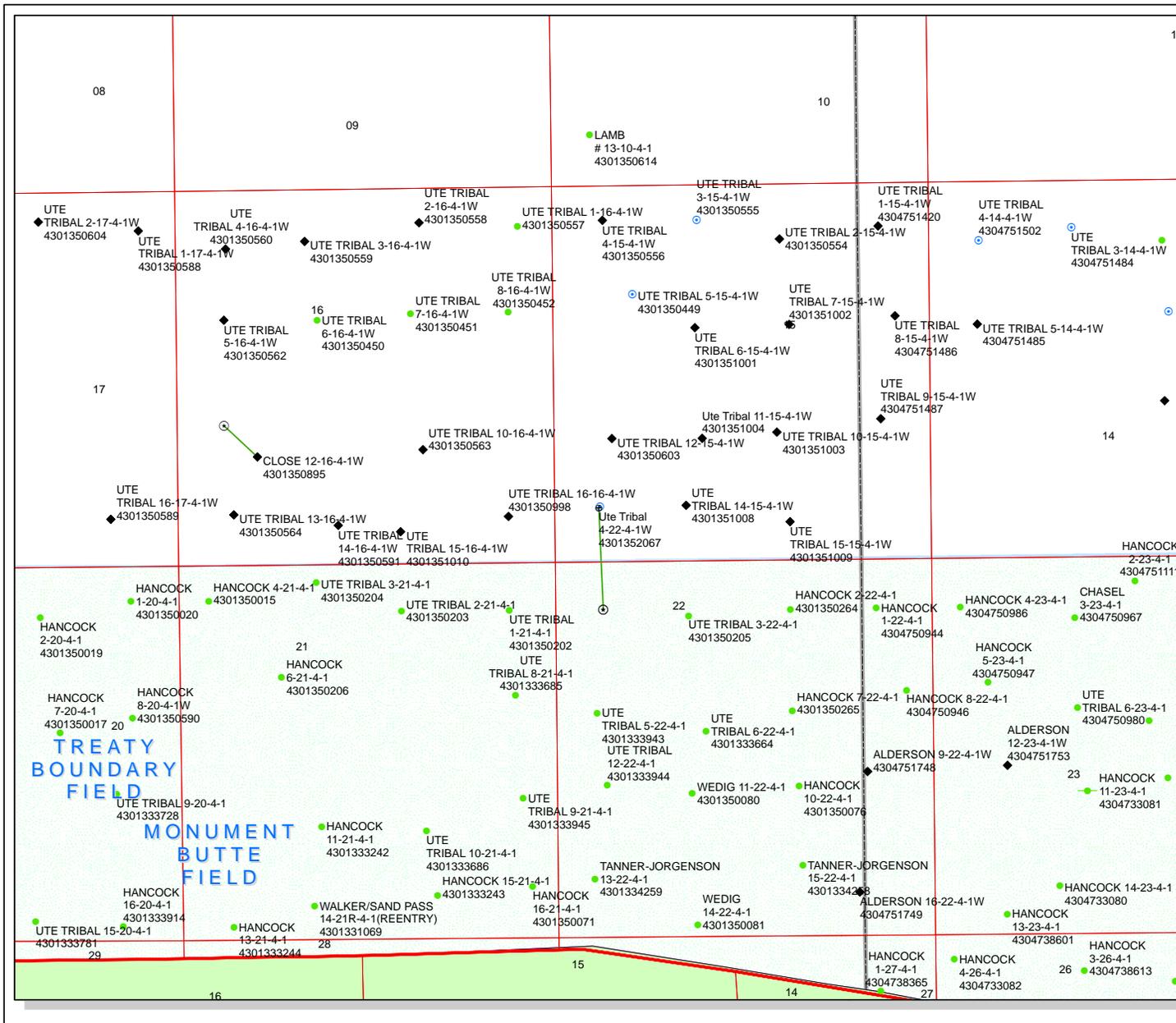
NOT TO SCALE

SURVEYED BY: S.H.	DATE SURVEYED: 06-27-12	VERSION: V2
DRAWN BY: R.B.T.	DATE DRAWN: 07-23-12	
SCALE: NONE	REVISED: F.T.M. 03-26-13	

Tri State  
Land Surveying, Inc.

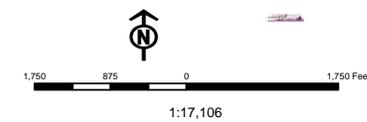
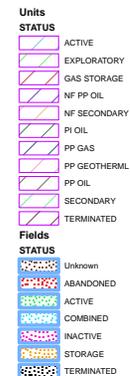
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501



**API Number: 4301352067**  
**Well Name: Ute Tribal 4-22-4-1W**  
**Township T04.0S Range R01.0W Section 15**  
**Meridian: UBM**  
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
 Map Produced by Diana Mason



# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** Ute Tribal 4-22-4-1W  
**API Number** 43013520670000      **APD No** 7724    **Field/Unit** MONUMENT BUTTE  
**Location: 1/4,1/4 SWSW    Sec 15    Tw 4.0S    Rng 1.0W    767 FSL 607 FWL**  
**GPS Coord (UTM)** 586063 4442667      **Surface Owner** Geral N. Anderson Family Trust

### Participants

Corie Miller - Newfield, Gerald & Wayne Andersen - surface owners

### Regional/Local Setting & Topography

This well location is located in Duchesne County in an area called Pleasant Valley between Windy Ridge and the Parriette Bench. The county line is approximately 1/2 mile East. The site is just outside of productive farm land under center pivot sprinklers and cattle are grazed nearby. The location will be cut from a small knoll that is surrounded by drainages both shallow and wide and deep with a stream bed and bank. One such feature cuts across pad and originates on the knoll. Location was moved to share pad with 13-15-4-1W to avoid impact of endangered Cactus which was noted while walking from site back to road. The section is has an oil well on nearly every 40 acre and most roads in the area serve that purpose. The soils are highly erodible clays with surface gravels in concentrations to be called Desert Pavement.

### Surface Use Plan

#### **Current Surface Use**

Agricultural  
Wildlfe Habitat

#### **New Road Miles**

0.04

#### **Well Pad**

**Width 260    Length 325**

#### **Src Const Material**

Onsite

#### **Surface Formation**

UNTA

#### **Ancillary Facilities**

### Waste Management Plan Adequate?

### Environmental Parameters

#### **Affected Floodplains and/or Wetlands N**

#### **Flora / Fauna**

High desert shrubland ecosystem. Expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.

Dominant vegetation; Galletta,

Endangered Sclerocactus brevispinus noted off site

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed.

DWR had no comment / issues

#### **Soil Type and Characteristics**

highly erodible clays with desert pavement surface gravels

**Erosion Issues Y**

highly erodible soils

**Sedimentation Issues Y**

deep cut slopes planned

**Site Stability Issues N****Drainage Diversion Required? Y**

drainages present over steep cut slopes to be diverted

**Berm Required? Y****Erosion Sedimentation Control Required? N**

**Paleo Survey Run? N    Paleo Potential Observed? N    Cultural Survey Run? N    Cultural Resources? N**

**Reserve Pit****Site-Specific Factors****Site Ranking**

<b>Distance to Groundwater (feet)</b>	100 to 200	5
<b>Distance to Surface Water (feet)</b>	300 to 1000	2
<b>Dist. Nearest Municipal Well (ft)</b>	500 to 1320	10
<b>Distance to Other Wells (feet)</b>		20
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	10 to 20	5
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
	<b>Final Score</b>	57    1 Sensitivity Level

**Characteristics / Requirements**

A 80' x 60' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 16    Pit Underlayment Required? Y**

**Other Observations / Comments**

Endangered species found near proposed location  
would like to COA no off road travel or equipment/ tank storage off pad

Chris Jensen

4/1/2013

API Well Number: 43013520670000

**Evaluator**

**Date / Time**

RECEIVED: April 17, 2013

**Application for Permit to Drill  
Statement of Basis  
Utah Division of Oil, Gas and Mining**

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
7724	43013520670000	LOCKED	OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>	Geral N. Anderson Family Trust	
<b>Well Name</b>	Ute Tribal 4-22-4-1W		<b>Unit</b>		
<b>Field</b>	MONUMENT BUTTE		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSW 15 4S 1W U 767 FSL (UTM) 586069E 4442654N		607 FWL	GPS Coord	

**Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill  
APD Evaluator

4/16/2013  
Date / Time

**Surface Statement of Basis**

Location was moved to a better location to avoid endangered Cactus. Access road enters the pad from the West. The landowner and its representative was in attendance for the pre-site inspection.

The soil type and topography at present do combine to pose a small threat to erosion or sediment/ pollution transport in these regional climate conditions.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted with the addition of conveyance of surface flows from over steep cut slopes. Operator has not submitted plans for the protection of slopes.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A Sclerocactus brevispinus was noticed on the walk back to the vehicles. The well surface location was moved to avoid this species. To prevent further disturbance, no off road travel or parking will be allowed. Equipment, material and tank storage or staging will be restricted to the pad only. The location was previously surveyed for cultural and paleontological resources as the operator saw fit. I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. A diversion is to be built sufficient to conduct overland flow from steep cut slopes. Care to be taken that diversion of water does not impact or erode topsoil piles.

Chris Jensen  
Onsite Evaluator

4/1/2013  
Date / Time

**Conditions of Approval / Application for Permit to Drill**

Category	Condition
----------	-----------

Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

- Pits A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
- Surface The well site shall be bermed to prevent fluids from leaving the pad.
- Surface Drainages adjacent to the proposed pad shall be diverted around the location.
- Surface The reserve pit shall be fenced upon completion of drilling operations.
- Surface No disturbance to surrounding lands or habitat off pad. Equipment, materials, trailers or tanks may not be stored or staged off location

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/28/2013

API NO. ASSIGNED: 43013520670000

WELL NAME: Ute Tribal 4-22-4-1W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWSW 15 040S 010W

Permit Tech Review: 

SURFACE: 0767 FSL 0607 FWL

Engineering Review: 

BOTTOM: 0660 FNL 0660 FWL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.12981

LONGITUDE: -109.98979

UTM SURF EASTINGS: 586069.00

NORTHINGS: 4442654.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 2 - Indian

LEASE NUMBER: 1420H626123

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - RLB0010462
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-11
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhll  
4 - Federal Approval - dmason  
5 - Statement of Basis - bhll  
15 - Directional - dmason  
23 - Spacing - dmason



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:** Ute Tribal 4-22-4-1W  
**API Well Number:** 43013520670000  
**Lease Number:** 1420H626123  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 4/17/2013

### 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 R649-3-11. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

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

### Exception Location:

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

### General:

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

### Conditions of Approval:

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

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

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled,

completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

**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 <http://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:**



For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626123
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: Ute Tribal 4-22-4-1W
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0767 FSL 0607 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 15 Township: 04.0S Range: 01.0W Meridian: U	9. API NUMBER: 43013520670000
PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: PLEASANT VALLEY
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: 4/17/2015	<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.

**Approved by the**  
**March 24, 2015**  
**Oil, Gas and Mining**

Date: \_\_\_\_\_  
 By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 3/19/2015	



**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 43013520670000**

API: 43013520670000

Well Name: Ute Tribal 4-22-4-1W

Location: 0767 FSL 0607 FWL QTR SWSW SEC 15 TWNP 040S RNG 010W MER U

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 4/17/2013

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: 3/19/2015

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626123
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: Ute Tribal 4-22-4-1W
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0767 FSL 0607 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 15 Township: 04.0S Range: 01.0W Meridian: U	9. API NUMBER: 43013520670000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	9. FIELD and POOL or WILDCAT: PLEASANT VALLEY
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0767 FSL 0607 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 15 Township: 04.0S Range: 01.0W Meridian: U	COUNTY: DUCHESNE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0767 FSL 0607 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 15 Township: 04.0S Range: 01.0W Meridian: U	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: <b>4/17/2016</b>	<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.

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

Date: \_\_\_\_\_  
 By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 4/14/2016	



**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 43013520670000**

API: 43013520670000

Well Name: Ute Tribal 4-22-4-1W

Location: 0767 FSL 0607 FWL QTR SWSW SEC 15 TWNP 040S RNG 010W MER U

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 4/17/2013

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: 4/14/2016

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY