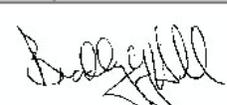


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Mullins 11-14-3-2W					
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 WILDCAT					
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
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) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Myton City Corporation (Ronnie Young)						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-823-2796					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 185, Myton, UT 84052						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		2317 FSL 1652 FWL		NESW	14	3.0 S	2.0 W	U			
Top of Uppermost Producing Zone		2317 FSL 1652 FWL		NESW	14	3.0 S	2.0 W	U			
At Total Depth		2317 FSL 1652 FWL		NESW	14	3.0 S	2.0 W	U			
21. COUNTY DUCHEсне			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1652			23. NUMBER OF ACRES IN DRILLING UNIT 40					
27. ELEVATION - GROUND LEVEL 5252			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0			26. PROPOSED DEPTH MD: 10200 TVD: 10200					
28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478								
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8	
SURF	12.25	9.625	0 - 1000	36.0	J-55 ST&C	0.0	Premium Lite High Strength	51	3.53	11.0	
							Class G	154	1.17	15.8	
I1	8.75	7	0 - 8235	26.0	P-110 LT&C	11.0	Premium Lite High Strength	264	3.53	11.0	
							50/50 Poz	256	1.24	14.3	
PROD	6.125	4.5	8035 - 10200	11.6	P-110 LT&C	11.0	50/50 Poz	189	1.24	14.3	
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 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 type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton				TITLE Permitting Agent				PHONE 435 719-2018			
SIGNATURE				DATE 11/03/2011				EMAIL starpoint@etv.net			
API NUMBER ASSIGNED 43013510440000				APPROVAL				 Permit Manager			

**Newfield Production Company
Mullins 11-14-3-2W
NE/SW Section 14, T3S, R2W
Duchesne County, UT**

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,605'
Garden Gulch member	6,400'
Wasatch	8,790'
TD	10,200'

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

Base of moderately saline	1,328'	(water)
Green River	6,400' - 8,790'	(oil)
Wasatch	8,790' - TD	(oil)

3. Pressure Control

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" diverter

Interm/Prod 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 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 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
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
Surface 9 5/8	0'	1,000'	36	J-55	STC	8.33	8.33	12	3,520	2,020	394,000
Intermediate 7	0'	8,235'	26	P-110	LTC	9	9.5	15	6.27	6.35	10.94
Production 4 1/2	8,035'	10,200'	11.6	P-110	LTC	10.5	11.5	--	9,960	6,210	693,000
									2.71	1.91	3.24
									10,690	7,560	279,000
									2.35	1.49	2.36

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
 Intermediate casing MASP = (reservoir pressure) - (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.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	500'	Premium Lite II w/ 3% KCl + 10% bentonite	180	15%	11.0	3.53
				51			
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180	15%	15.8	1.17
				154			
Intermediate Lead	8 3/4	5,400'	Premium Lite II w/ 3% KCl + 10% bentonite	934	15%	11.0	3.53
				264			
Intermediate Tail	8 3/4	1,835'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	317	15%	14.3	1.24
				256			
Production Tail	6 1/8	2,165'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	234	15%	14.3	1.24
				189			

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 intermediate and production casing strings will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

Interval Description

Surface - 1,000'

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. Water will be on location to be used as kill fluid, if necessary.

1,000' - 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 11.5 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 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 0.55 psi/ft gradient.

$$10,200' \times 0.55 \text{ psi/ft} = 5569 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

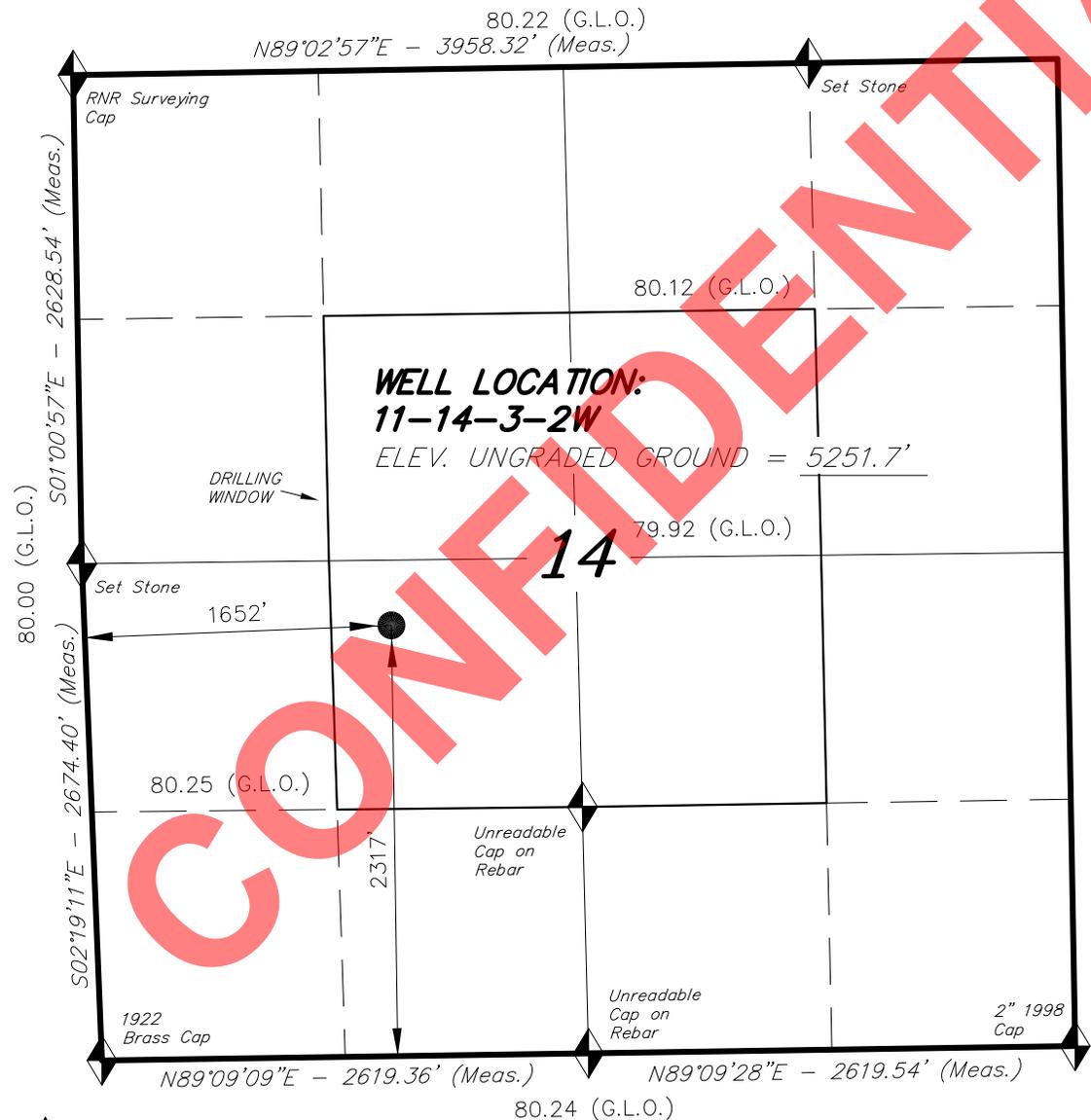
9. Other Aspects

This is planned as a vertical well.

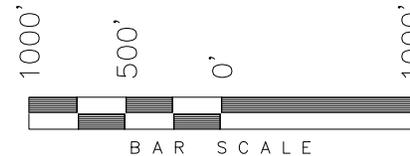
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T3S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, 11-14-3-2W, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 14, T3S, R2W, 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.

REGISTERED LAND SURVEYOR
11-30-11
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

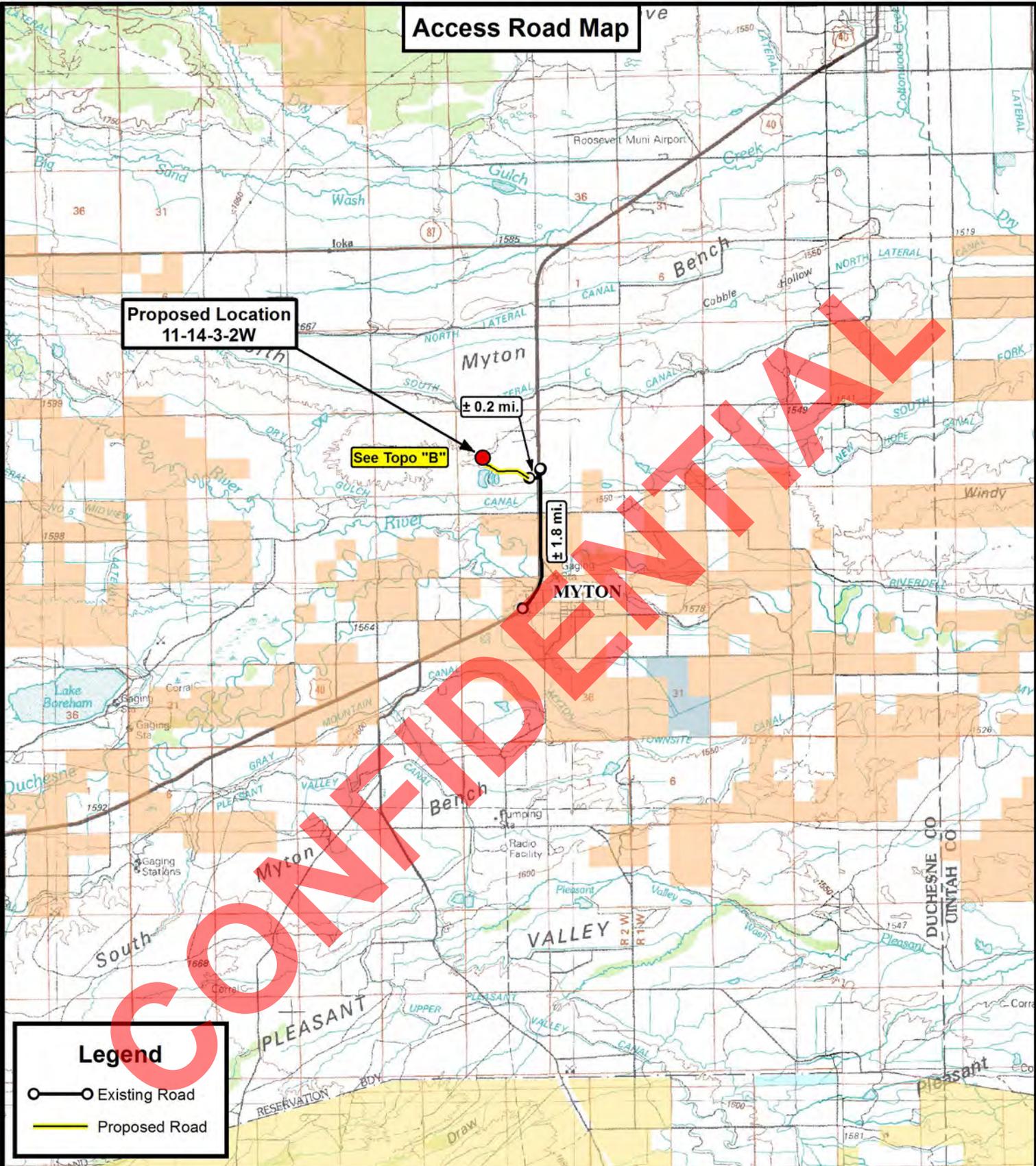
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

11-14-3-2W
(Surface Location) NAD 83
LATITUDE = 40° 13' 16.91"
LONGITUDE = 110° 04' 49.05"

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

DATE SURVEYED: 10-24-11	SURVEYED BY: S.V.	VERSION:
DATE DRAWN: 10-25-11	DRAWN BY: M.W.	V1
REVISED: 11-30-11 F.T.M.	SCALE: 1" = 1000'	

Access Road Map



**Proposed Location
11-14-3-2W**

See Topo "B"

± 0.2 mi.

± 1.8 mi.

Legend

- Existing Road
- Proposed Road

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

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



NEWFIELD EXPLORATION COMPANY

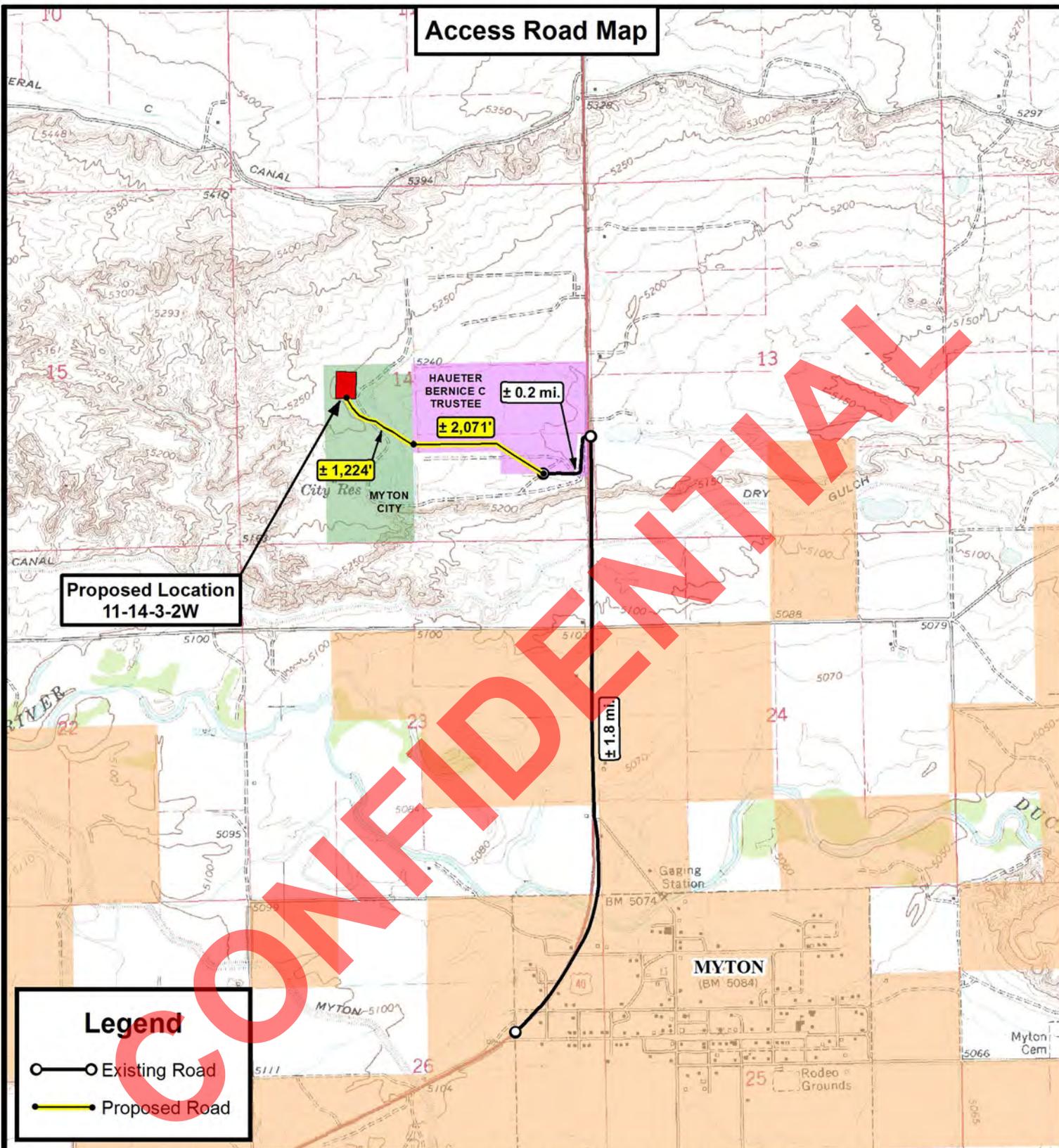
**11-14-3-2W
SEC. 14, T3S, R2W, U.S.B.&M.
Duchesne County, UT.**

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	10-26-2011		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



Proposed Location
11-14-3-2W

Legend

- Existing Road
- Proposed Road

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.

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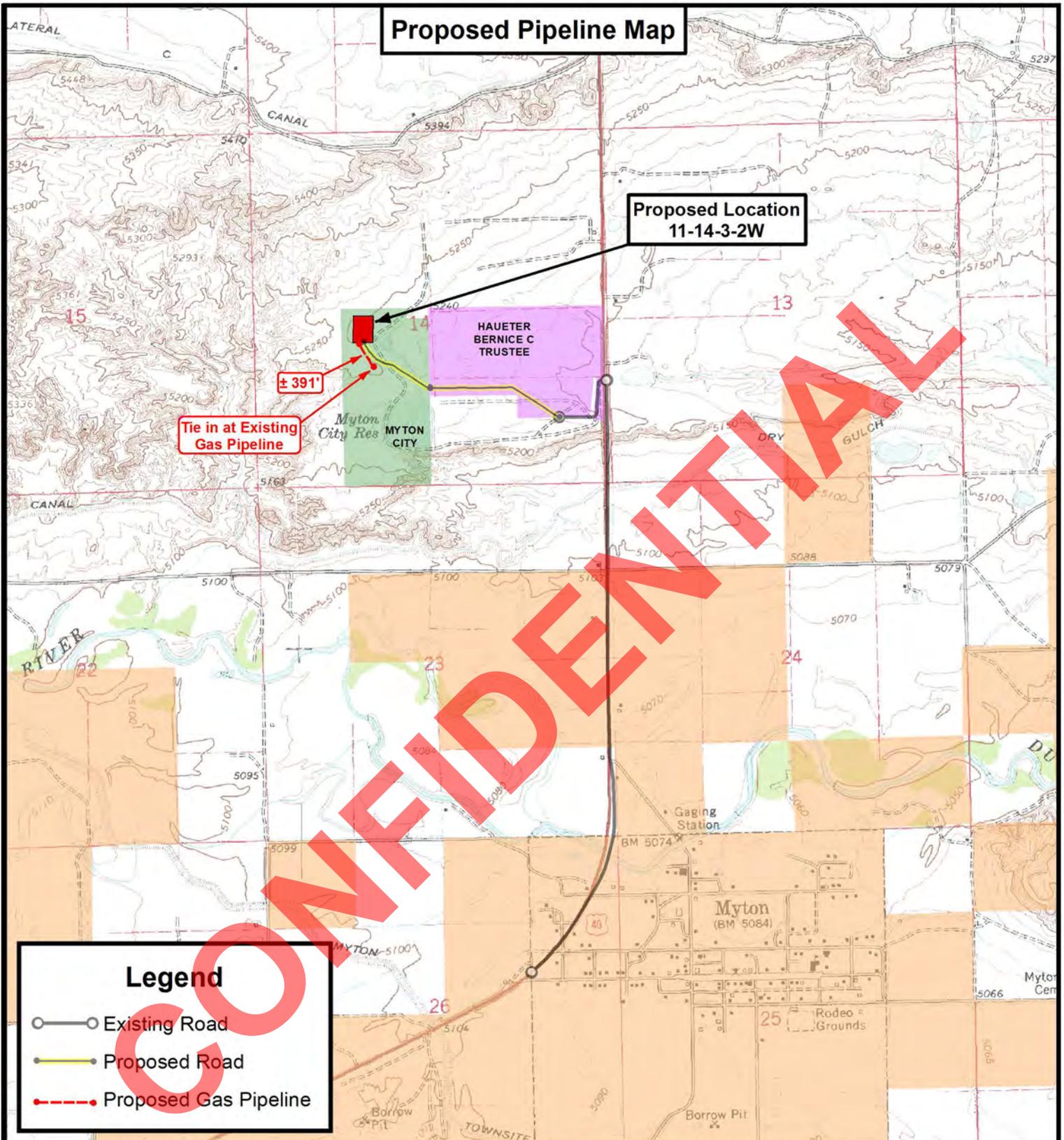
11-14-3-2W
SEC. 14, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	10-26-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Road
- Proposed Gas Pipeline

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NEWFIELD EXPLORATION COMPANY

11-14-3-2W
SEC. 14, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	10-26-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
C

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Roxann Eveland personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Roxann Eveland. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Mullins 11-14-3-2W well to be located in the NESW of Section 14, Township 3 South, Range 2 West, Duchesne, County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Myton City Corporation, whose address is PO Box 185, Myton, UT 84052 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated October 14, 2011 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Roxann Eveland

ACKNOWLEDGEMENT

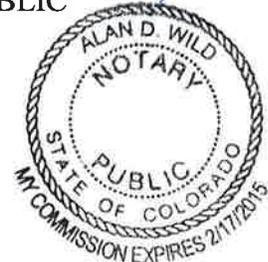
STATE OF COLORADO	§
	§
COUNTY OF DENVER	§

Before me, a Notary Public, in and for the State, on this 27th day of October, 2011, personally appeared Roxann Eveland, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

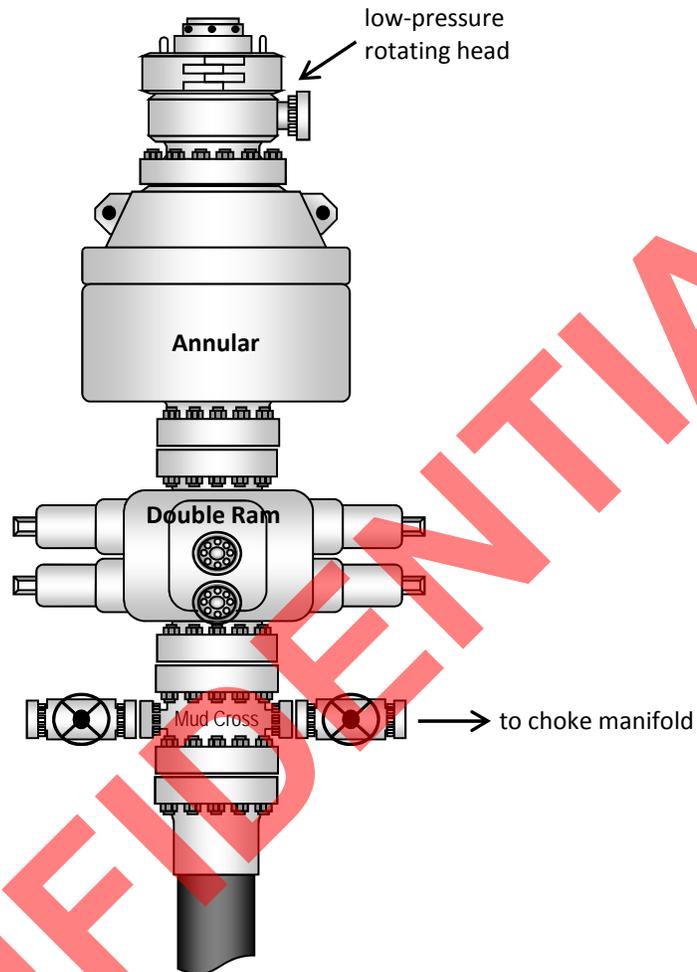
[Signature]

NOTARY PUBLIC

My Commission Expires:



Typical 5M BOP stack configuration



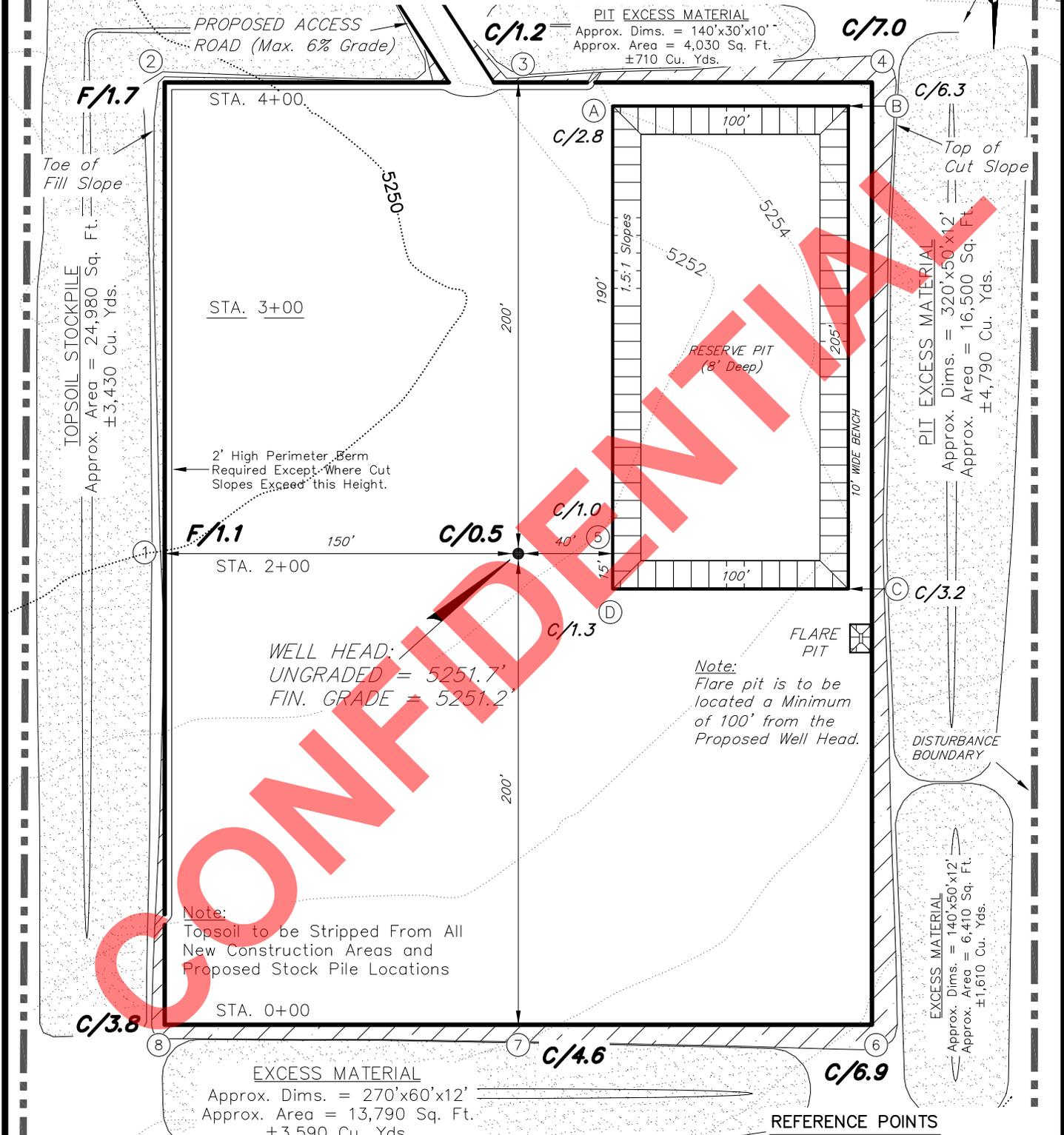
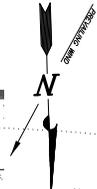
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NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

11-14-3-2W

Pad Location: *NESW* Section 14, T3S, R2W, U.S.B.&M.



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NOTE:

The topsoil & excess material areas are calculated as being mounds containing 14,130 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

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DRAWN BY: M.W.	DATE DRAWN: 10-24-11	
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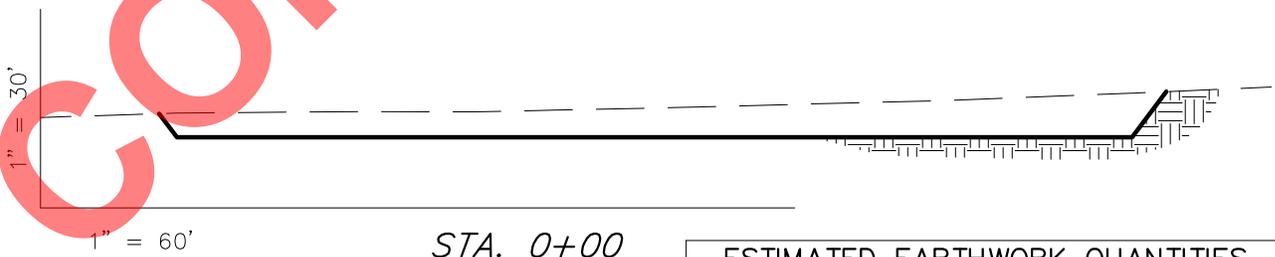
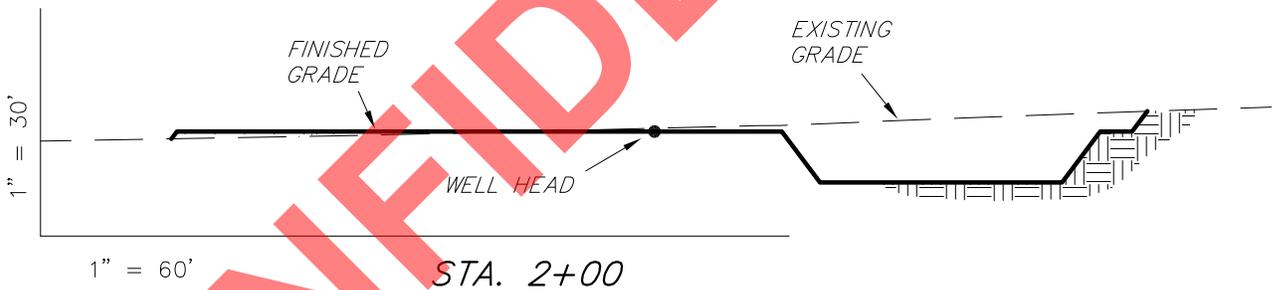
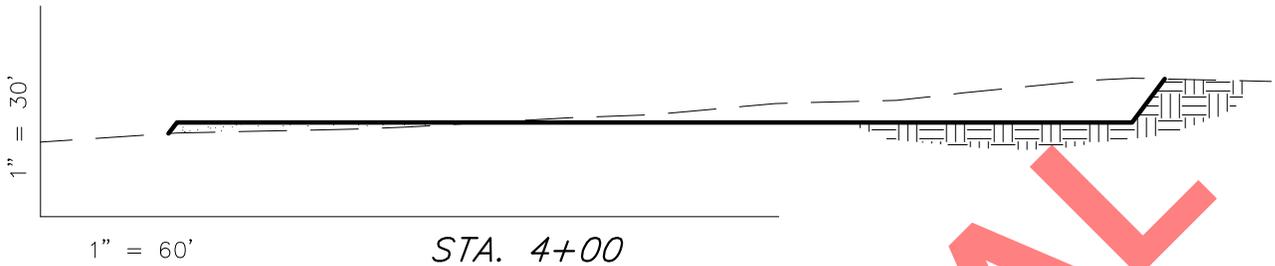
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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

11-14-3-2W

Pad Location: NESW Section 14, T3S, R2W, 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	7,030	2,350	Topsoil is not included in Pad Cut Volume	4,680
PIT	5,050	0		5,050
TOTALS	12,080	2,350	3,120	9,730

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

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SCALE: 1" = 60'	REVISED:	

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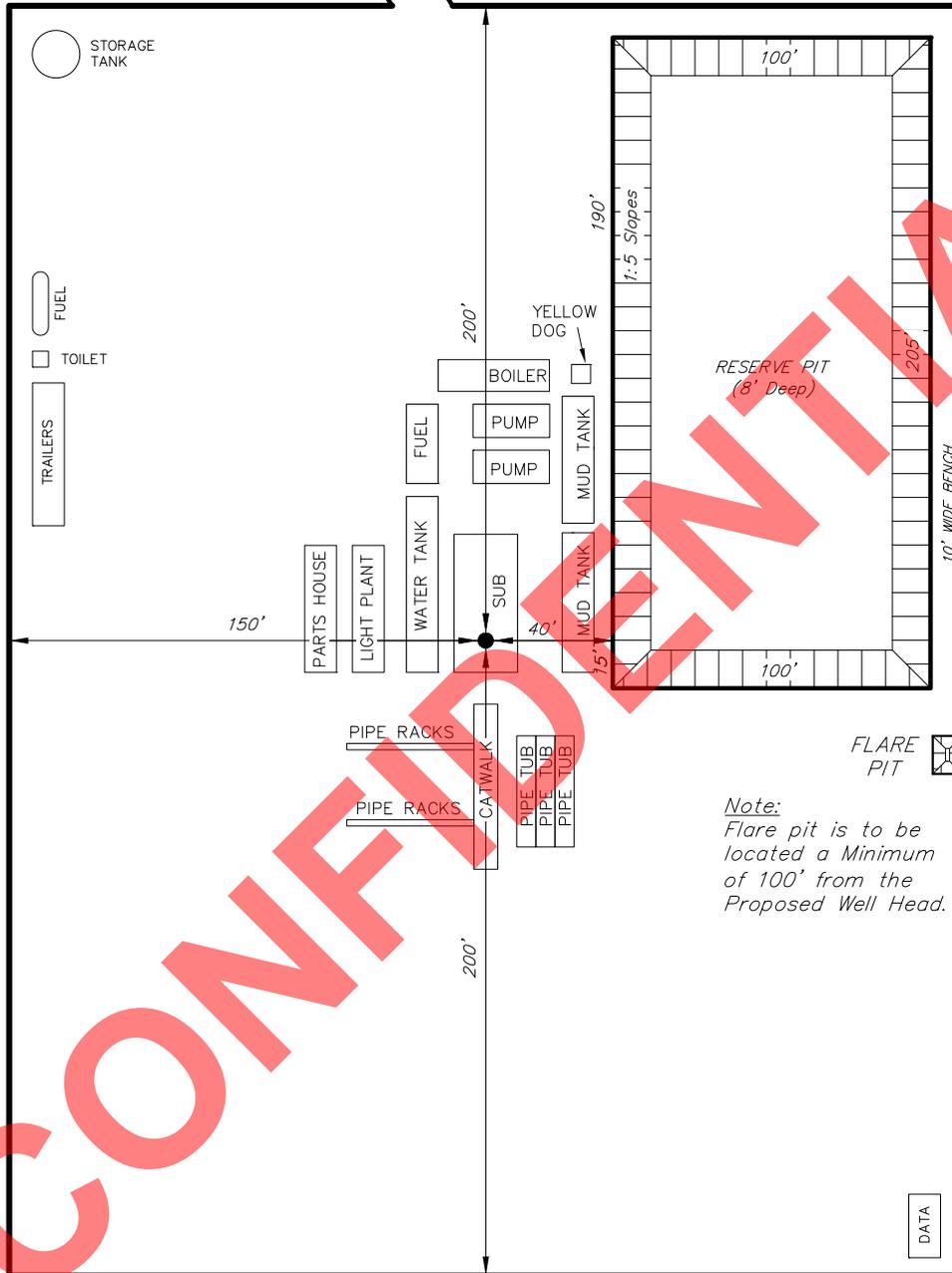
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

11-14-3-2W

Pad Location: NESW Section 14, T3S, R2W, U.S.B.&M.

PROPOSED ACCESS ROAD (Max. 6% Grade)

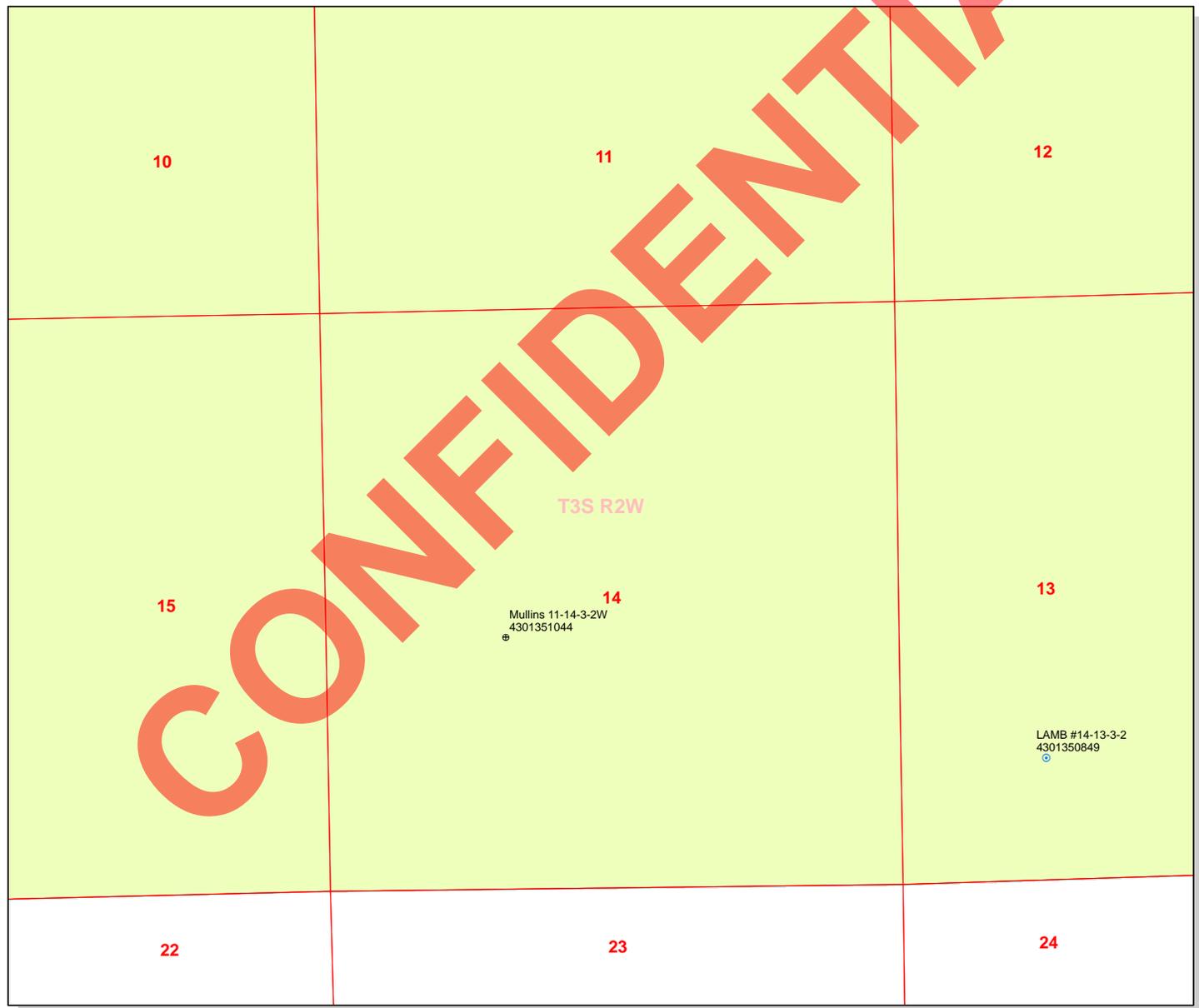


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SCALE: 1" = 60'	REVISED:			

RECEIVED: November 03, 2011

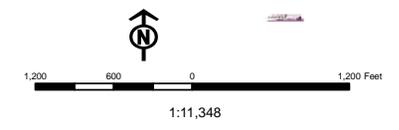
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API Number: 4301351044
Well Name: Mullins 11-14-3-2W
Township T0.3 . Range R0.2 . Section 14
Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

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



Well Name	NEWFIELD PRODUCTION COMPANY Mullins 11-14-3-2W 43			
String	COND	SURF	I1	PROD
Casing Size(")	14.000	9.625	7.000	4.500
Setting Depth (TVD)	60	1000	8235	10200
Previous Shoe Setting Depth (TVD)	0	60	1000	8235
Max Mud Weight (ppg)	8.3	8.3	11.0	11.0
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1000	3520	9950	10690
Operators Max Anticipated Pressure (psi)	5569			10.5

Calculations	COND String	14.000	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	432	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	312	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	212	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	225	NO
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

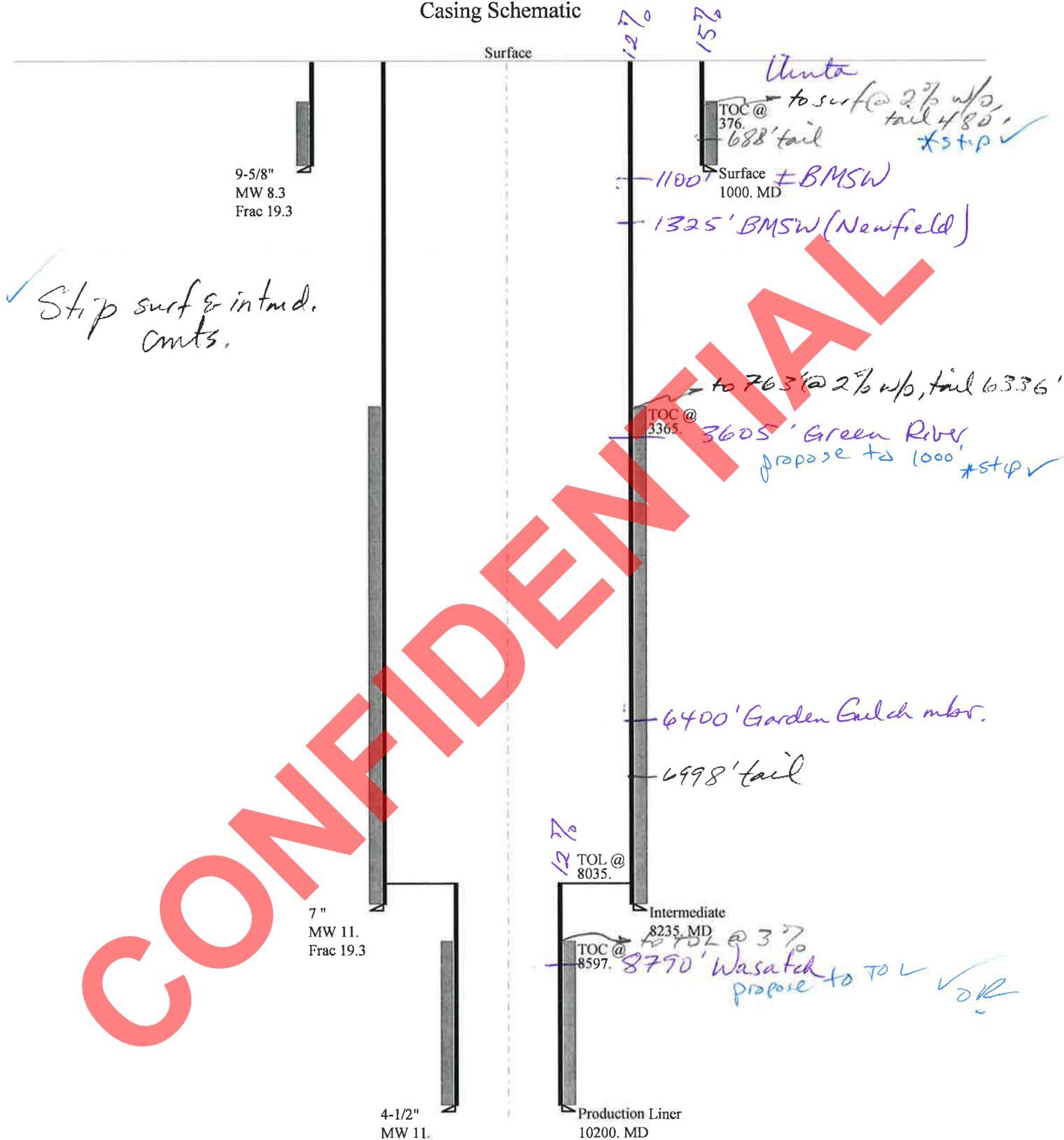
Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	4710	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3722	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2898	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3118	NO
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	5834	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4610	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3590	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5402	YES
Required Casing/BOPE Test Pressure=		5000	psi

CONFIDENTIAL

43013510440000 Mullins 11-14-3-2W

Casing Schematic



Well name:	43013510440000 Mullins 11-14-3-2W	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-013-51044
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 1,000 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 877 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 376 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,235 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,064 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	8691
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	433	2020	4.669	1000	3520	3.52	36	394	10.95 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 20, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013510440000 Mullins 11-14-3-2W		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Intermediate	Project ID:	43-013-51044
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 11.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 189 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 3,365 ft

Burst

Max anticipated surface pressure: 3,585 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,396 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 6,869 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,200 ft
Next mud weight: 11.000 ppg
Next setting BHP: 5,829 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,235 ft
Injection pressure: 8,235 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8235	7	26.00	P-110	LT&C	8235	8235	6.151	85603
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4706	6230	1.324	5396	9950	1.84	214.1	693	3.24 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 20, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8235 ft, a mud weight of 11 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43013510440000 Mullins 11-14-3-2W	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Production Liner	Project ID: 43-013-51044
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 11.000 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,585 psi
Internal gradient: 0.220 psi/ft
Calculated BHP: 5,829 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 9,838 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 217 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 8,597 ft

Liner top: 8,035 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2200	4.5	11.60	P-110	LT&C	10200	10200	3.875	10600
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5829	7580	1.300	5829	10690	1.83	25.5	279	10.93 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 20, 2011
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 10200 ft, a mud weight of 11 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Mullins 11-14-3-2W
API Number 43013510440000 **APD No** 4864 **Field/Unit** WILDCAT
Location: 1/4,1/4 NESW **Sec** 14 **Tw** 3.0S **Rng** 2.0W 2317 **FSL** 1652 **FWL**
GPS Coord (UTM) **Surface Owner** Myton City Corporation (Ronnie Young)

Participants

M. Jones, M. Reinbold, C. Jensen (UDOGM), T. Eaton, Z. McIntyre, Forest Bird, J. Henderson (Newfield), Ronnie Young (Myton City).

Regional/Local Setting & Topography

This location is proposed and staked north of Myton, Utah approximately 2 miles on property owned by Myton City. The site is east of Reinbold's Myan Temple. The site is located on a sagebrush flat with topography sloping to the southeast. An old irrigation ditch used to run in a southeast direction just a few hundred feet from the proposed pad. This ditch had created a "low spot" in the flat that runoff and ditch percolation made into a semi wetland in comparison to the surrounding topography. Access will come off Highway 40 at Runners Pipe Yard and proceed basically west to the site. The access route is still in negotiation at the time of the pre-site.

Surface Use Plan

Current Surface Use
Industrial

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.82	Width 290 Length 400	Onsite	

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

sagebrush, rabbit brush, other forbs, and grasses.

Soil Type and Characteristics

clay

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? Y

Divert drainages around and away from location and access road.

Berm Required? Y

Berm location to prevent fluids from entering or leaving the pad.

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	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	25	1 Sensitivity Level

Characteristics / Requirements

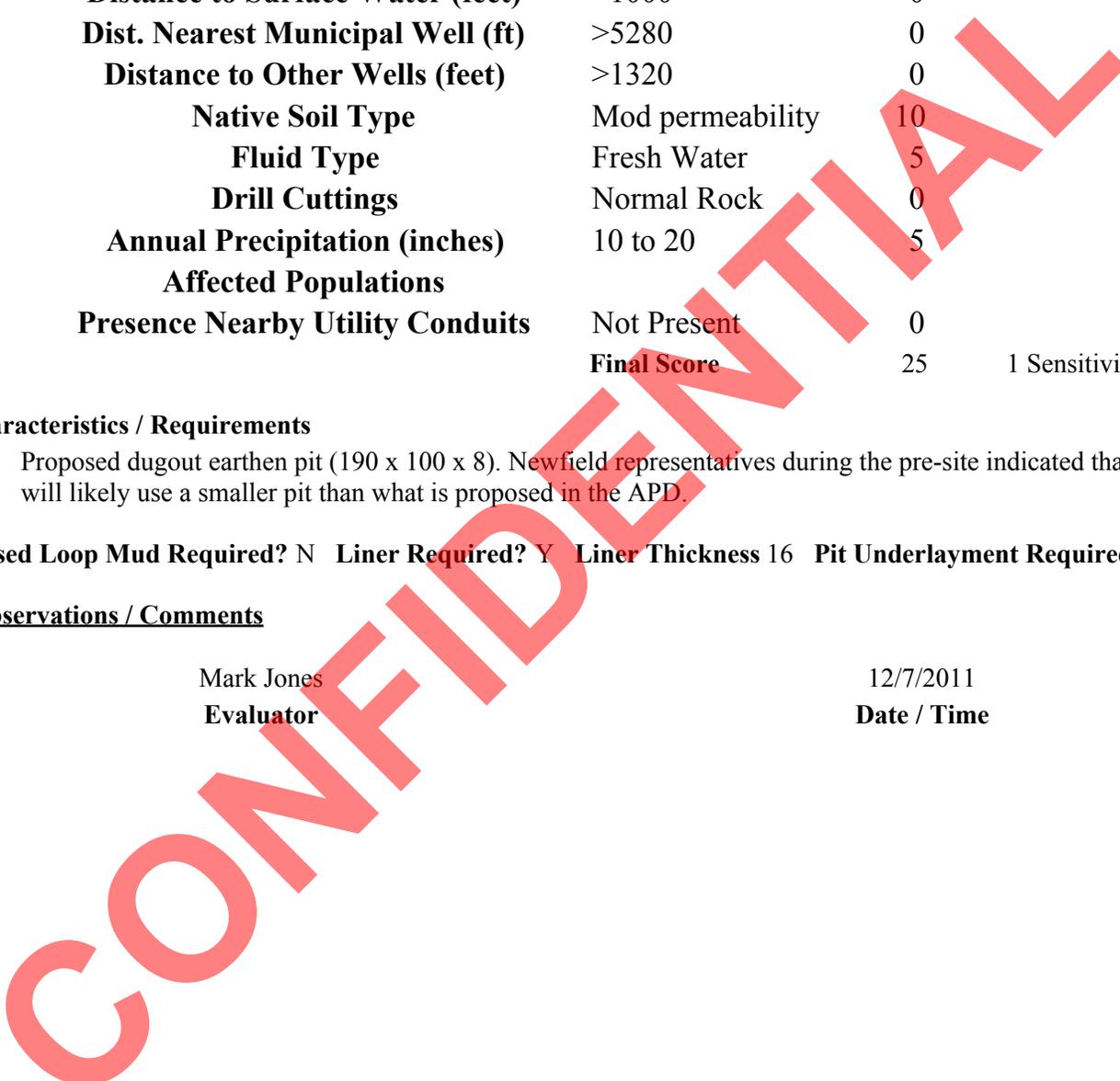
Proposed dugout earthen pit (190 x 100 x 8). Newfield representatives during the pre-site indicated that they will likely use a smaller pit than what is proposed in the APD.

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

Other Observations / Comments

Mark Jones
Evaluator

12/7/2011
Date / Time



Application for Permit to Drill Statement of Basis

12/29/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4864	43013510440000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Myton City Corporation (Ronnie Young)	
Well Name	Mullins 11-14-3-2W		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NESW 14 3S 2W U 2317 FSL 1652 FWL GPS Coord (UTM) 578257E 4452724N				

Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 1,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 1,100'. A search of Division of Water Rights records shows 10 water wells within a 10,000 foot radius of the center of Section 14. All wells are located over a mile from the proposed location. All wells are privately owned. Depth is listed as ranging from 30 to 300 feet. Average depth is approximately 100 feet. Water use is listed as irrigation, stock watering, and domestic. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed surface casing should adequately protect useable ground water in this area.

Brad Hill
APD Evaluator

12/20/2011
Date / Time

Surface Statement of Basis

This location is proposed and staked north of Myton, Utah approximately 2 miles on property owned by Myton City. The site is east of Reinbold's Myan Temple. The site is located on a sagebrush flat with topography sloping to the southeast. An old irrigation ditch used to run in a southeast direction just a few hundred feet from the proposed pad. This ditch had created a "low spot" in the flat that runoff and ditch percolation made into a semi wetland in comparison to the surrounding topography. Access will come off Highway 40 at Runners Pipe Yard and proceed basically west to the site. The access route is still in negotiation at the time of the pre-site. The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from becoming a problem. Drainages should be diverted around and away from wellpad and access road. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Ronnie Young was in attendance for Myton City during the pre-site and indicated no concerns with the well pad.

Mark Jones
Onsite Evaluator

12/7/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils 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.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/3/2011

API NO. ASSIGNED: 43013510440000

WELL NAME: Mullins 11-14-3-2W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NESW 14 030S 020W

Permit Tech Review:

SURFACE: 2317 FSL 1652 FWL

Engineering Review:

BOTTOM: 2317 FSL 1652 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.22129

LONGITUDE: -110.08024

UTM SURF EASTINGS: 578257.00

NORTHINGS: 4452724.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
 - Bond: STATE - B001834
 - Potash
 - Oil Shale 190-5
 - Oil Shale 190-3
 - Oil Shale 190-13
 - Water Permit: 437478
 - RDCC Review: 2011-12-21 00:00:00.0
 - 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: Cause 131-51
- Effective Date: 10/27/1983
- Siting: 1320' Fr Exterior Section Bdry.
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:
 5 - Statement of Basis - bhill
 10 - Cement Ground Water - hmacdonald
 21 - RDCC - dmason
 25 - Surface Casing - hmacdonald



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: Mullins 11-14-3-2W
API Well Number: 43013510440000
Lease Number: Patented
Surface Owner: FEE (PRIVATE)
Approval Date: 12/29/2011

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 131-51. 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

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:

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

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

The 7" casing string cement shall be brought back to $\pm 750'$ to isolate base of moderately saline ground water.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

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
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

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

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BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# 26 Submitted By Mike Braithwaite Phone Number 435-401-8392
Well Name/Number Mullins 11-14-3-2W
Qtr/Qtr NE/SW Section 14 Township 3S Range 2W
Lease Serial Number FEE
API Number 43-013-510440000

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

Date/Time 12/30/2012 9:00 AM PM

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

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

Date/Time 12/30/2012 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 _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MULLINS 11-14-3-2W
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013510440000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2317 FSL 1652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 03.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT
	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: 3/19/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" 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 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 Production Company respectfully requests a change in the intermediate casing point for the Mullins 11-14-3-2W. The new proposed casing point for 7" 26# P-110 is 8,705' (470' deeper than the originally planned depth of 8,235'). The new proposed casing point will facilitate coring operations in the Black Shale interval. An updated copy of drilling plan is attached.

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

Date: March 20, 2012
By: *Don Hamilton*

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent
SIGNATURE N/A	DATE 3/8/2012	

Newfield Production Company
Mullins 11-14-3-2W
NE/SW Section 14, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,605'
Garden Gulch member	6,400'
Wasatch	8,790'
TD	10,200'

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

Base of moderately saline	1,328'	(water)
Green River	6,400' - 8,790'	(oil)
Wasatch	8,790' - TD	(oil)

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter

Interm/Prod 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 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 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
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
Surface 9 5/8	0'	1,000'	36	J-55	STC	8.33	8.33	12	3,520	2,020	394,000
Intermediate 7	0'	8,705'	26	P-110	LTC	9	9.5	15	6.27	6.35	10.94
Production 4 1/2	8,505'	10,200'	11.6	P-110	LTC	10.5	11.5	--	9,960	6,210	693,000
									2.57	1.81	3.06
									10,690	7,560	279,000
									2.35	1.49	2.36

Assumptions:

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

Intermediate casing MASP = (reservoir pressure) - (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.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	500'	Premium Lite II w/ 3% KCl + 10% bentonite	180	15%	11.0	3.53
				51			
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180	15%	15.8	1.17
				154			
Intermediate Lead	8 3/4	5,400'	Premium Lite II w/ 3% KCl + 10% bentonite	934	15%	11.0	3.53
				264			
Intermediate Tail	8 3/4	2,305'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	399	15%	14.3	1.24
				321			
Production Tail	6 1/8	1,695'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	184	15%	14.3	1.24
				148			

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 intermediate and production casing strings will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

Interval

Description

Surface - 1,000'

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. Water will be on location to be used as kill fluid, if necessary.

1,000' - 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 11.5 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 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 0.55 psi/ft gradient.

$$10,200' \times 0.55 \text{ psi/ft} = 5569 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

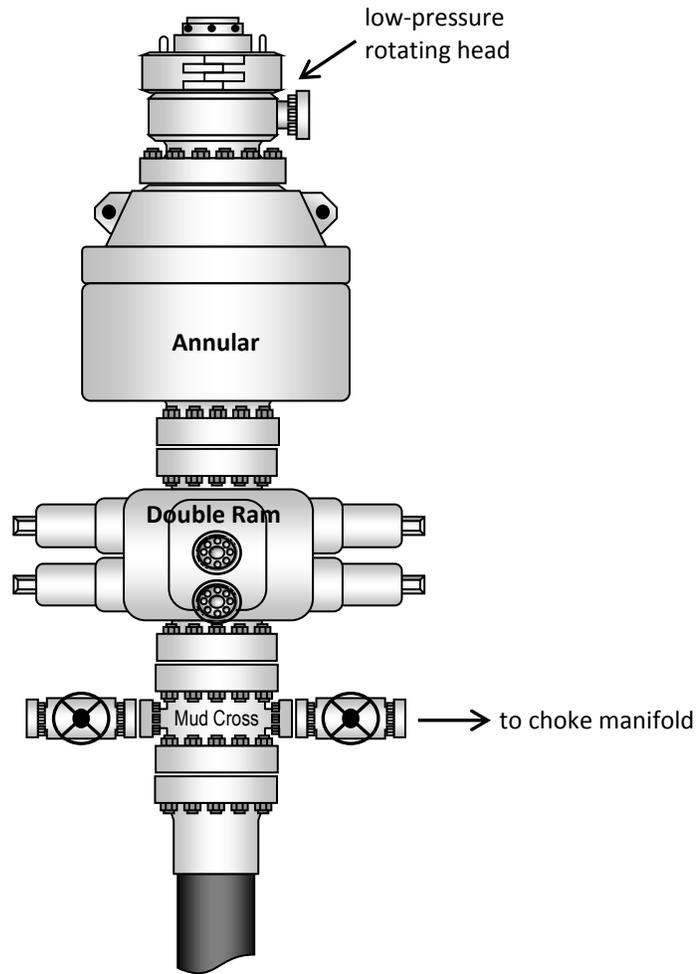
This is planned as a vertical well.

Newfield requests the following variances from Onshore Order #2:

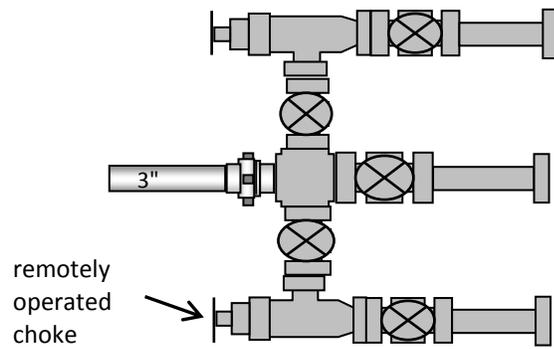
- Variance from Onshore Order #2, III.E.1

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

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



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

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.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: UINTA CB - WASATCH DEEP
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2317 FSL 1652 FWL		8. WELL NAME and NUMBER: MULLINS 11-14-3-2W
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 14, T3S, R2W		9. API NUMBER: 4301351044
		10. FIELD AND POOL, OR WILDCAT: UINTA CENTRAL BASIN
		COUNTY: DUCHESNE
		STATE: UT

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 (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
02/21/2012	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
On 2/1/12 MIRU Ross #26. Spud well @9:00 AM. Drill 1015' of 12 1/4" hole with air mist. TIH W/ 24 Jt's 9 5/8" J-55 24# csgn. Set @ 1004.50. On 2/8/12 cement with 480 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. No returns. On 2/9/12 run 1" line in top job 62' full Returns to surface. Returned 4 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold TITLE _____
SIGNATURE *Branden Arnold* DATE 02/21/2012

(This space for State use only)

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MAR 08 2012
DIV. OF OIL, GAS & MINING

Casing / Liner Detail

Well Mullins 11-14-3-2W
Prospect Central Basin
Foreman
Run Date: 1/30/2012
String Type Conductor, 14", 36#, H-40, W (Welded)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
0.00	60.00	2	14" conductor	14.000	

Cement Detail

Cement Company: BJ					
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives
Slurry 1	90	15.8	1.17	105.3	class G+2%kcl+.25#CF

Stab-In-Job?	No
BHT:	0
Initial Circulation Pressure:	
Initial Circulation Rate:	4
Final Circulation Pressure:	
Final Circulation Rate:	3
Displacement Fluid:	Water

Cement To Surface?	Yes
Est. Top of Cement:	
Plugs Bumped?	No
Pressure Plugs Bumped:	
Floats Holding?	No
Casing Stuck On / Off Bottom?	No
Casing Reinforced?	No

Casing / Liner Detail

Well Mullins 11-14-3-2W
Prospect Central Basin
Foreman
Run Date: 2/2/2012
String Type Surface, 9.625", 36#, J-55, LTC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
1,025.90	1.42		Wellhead		
1,027.32	-2.00		Cut-off		
18.00	962.45	23	9 5/8 casing	9.620	
980.45	42.05	1	Shoe jt		
1,022.50	2.50		Shoe float		
1,025.00	0.90		Guide Shoe		
1,025.90			Total K.B		

Cement Detail

Cement Company: BJ					
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives
Slurry 1	480	15.8	1.17	561.6	class G+2%kcl+.25#CF

Stab-In-Job?	No
BHT:	0
Initial Circulation Pressure:	150
Initial Circulation Rate:	4
Final Circulation Pressure:	175
Final Circulation Rate:	1.8
Displacement Fluid:	Water

Cement To Surface?	No
Est. Top of Cement:	0
Plugs Bumped?	Yes
Pressure Plugs Bumped:	604
Floats Holding?	Yes
Casing Stuck On / Off Bottom?	No
Casing Recirculated?	No

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	18467	4301351185	GRACE 3-16-3-3WH	NENW	16	3S	3W	DUCHESNE	3/12/2012	3/21/12
WELL 1 COMMENTS: GRRV BHL Senw											
B	99999	17400	4301350685	GMBU G-7-9-17	SWNW	7	9S	17E	DUCHESNE	3/20/2012	3/21/12
GRRV BHL: nenw											
A	99999	18468	4301350924	DILLMAN 3-17-3-2W	NENW	17	3S	2W	DUCHESNE	3/12/2012	3/21/12
GRRV											
A	99999	18469	4301351161	LH TRUST 3A-30-3-2W^{sub}	NENW	30	3S	2W	DUCHESNE	12/12/2011	3/21/12
WSTC											
A	99999	18472	4301351044	MULLINS 11-14-3-2W	NESW	14	3S	2W	DUCHESNE	2/1/2012	3/21/12
WSTC											

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 - ther (explain in comments section)

RECEIVED

MAR 21 2012

Signature

Production Clerk

Jentri Park

03/21/12

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer Rig 69
Submitted By Aaron Pollard Phone Number 435-828-6092
Well Name/Number Mullins 11-1403-2W
Qtr/Qtr NE/SW Section 14 Township 3S Range 2W
Lease Serial Number Fee
API Number 43013510440000

Rig Move Notice – Move drilling rig to new location.

Date/Time 4/14/2012 12 :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 Site Supervisor will update BOPE test info as needed via email to Dennis Ingram, Chris Jensen.

RECEIVED

APR 17 2012

DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 69 Submitted
By Brett Strong Phone Number 4358286092
Well Name/Number Mullins 11-14-3-2W
Qtr/Qtr NE/SE Section 14 Township T3S Range R2W
Lease Serial Number FEE
API Number 4301351044

TD Notice – TD is the final drilling depth of hole.

Date/Time _____ AM PM

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

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

Date/Time 5/1/12 03:00 AM PM

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MAY 01 2012

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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.		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: MULLINS 11-14-3-2W
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013510440000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2317 FSL 1652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 03.0S Range: 02.0W Meridian: U		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"/> 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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/25/2012	<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 checked="" 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 type="checkbox"/> OTHER	OTHER: <input 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 05/25/2012 at 15:30 hours. Production Start Sundry re-sent 10/05/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 12, 2012**

NAME (PLEASE PRINT) Kaci Deveraux	PHONE NUMBER 435 646-4867	TITLE Production Technician
SIGNATURE N/A	DATE 10/5/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
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:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MULLINS 11-14-3-2W
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013510440000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2317 FSL 1652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 03.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT 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"/> 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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/25/2012	<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 checked="" 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 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.

The above well was placed on production on 05/25/2012 at 15:30 hours. Production Start Sundry re-sent 10/05/2012.

NAME (PLEASE PRINT) Kaci Deveraux	PHONE NUMBER 435 646-4867	TITLE Production Technician
SIGNATURE N/A		DATE 10/5/2012

Daily Activity Report

Format For Sundry

MULLINS 11-14-3-2W

3/1/2012 To 7/30/2012

5/9/2012 Day: 1

Completion

Rigless on 5/9/2012 - Set rig Anchor - Benco Anchor Servicers. On location setting rig Anchors. - Safety meeting with Benco Anchor Servicers. Discussion on emergency phone number, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE.

Daily Cost: \$0

Cumulative Cost: \$2,348

5/10/2012 Day: 2

Completion

Rigless on 5/10/2012 - RD production head RU Frac stack and pressure test - Safety meeting with FMC and Mair tucking Western well ser, Weatherford testing equipment. Discussion on emergency phone numbers, driving on slippery roads, pinch points, PPE and the right to stop work for safety reasons and PPE. - Mair Trucking on location. RD Production head. FMC NU 7-1/16" HCR valves and middle master valves, flow cross w/2-1/16" valves w/top master valves. - Weatherford on location. RU. Shell test from tubing spool to top master valve. Low side 250 psi, High side 9200 psi. Good test. Release pressure. Pressure test all 2-1/16 valves on flow cross. Low side to 250 psi High to 9200 psi. Good test. Release pressure. POOH and LD donut and BPV. Shut well in. Waiting to run CBL the next day. SDFN

Daily Cost: \$0

Cumulative Cost: \$15,177

5/12/2012 Day: 3

Completion

Rigless on 5/12/2012 - RU EWL and run CBL and test casing - Well shut in wait on frac. - RU Hot oil unit and weatherford pump on to casing valves and shell test 250 psi low for 5 min, 9,000 psi high for 10 min, Good test. Test casing to 8,000 psi for 30 mins with 0 psi leak off. Bleed pressure off and RD Hot Oil Unit and Weatherford Test Pump and secure well. - 11:00-11:40 Safety meeting with Pure Energy, Weatherford Discussion on emergency phone numbers, pinch points, PPE and the right to stop work for safety reasons and PPE. - MIRU EWL and crane. NU wireline flange on top of frac stack. RU Lubricator and test to 5,000 psi. Good test. RIH with 3.875" GR/JB down to PBTD @ 10,096'. POOH with GR/JB had no cement in JB. RIH with CBL Tool down to 10,096' and start logging out of well. 1830 Hrs OOH with CBL tool, start rigging lubricator, NU night cap on frac stack. Field estimated TOC is 3,470'.

Daily Cost: \$0

Cumulative Cost: \$29,022

5/15/2012 Day: 4

Completion

Rigless on 5/15/2012 - MIRU Pure Energy Flowback equipment. Fill frac tanks with water, unload sand in Baker Hughes Sand kings. - MIRU Pure Energy Flowback Equipment, Set line heater, junk catcher, manifold, sand separator. Will set 3 flowback tanks in the am and hook up lines. EWL is set up for 0800 to perforate stage #1. Will RU Weatherford and test flowback equipment, Lubricator. Well is secure.

Daily Cost: \$0

Cumulative Cost: \$31,472

5/17/2012 Day: 5**Completion**

Rigless on 5/17/2012 - RU EWL and perf stage #1. RU flowback equipment and test. - MIRU Pure Energy crane and weatherford pump. RU Lubricator and 2 3/4" perf guns loaded with 16 grams titan charges 3 SPF 120* phasing and test lubricator to 5,000 psi. - RIH with CCL/2 3/4"x 9' perf guns. RIH and correlate to SJ @ 8,212'. RIH and perforate stage #1 from 9,712'-9,721'. POOH with perf guns. RD Lubricator and break down guns. Secure well. - Well is secure no activity. - MIRU Pure Energy's flow back equipment and test to 7,500 psi. Set flow back tanks and plumb lines into tank. Continue to fill sand kings and heat frac water.

Daily Cost: \$0

Cumulative Cost: \$43,632

5/18/2012 Day: 6**Completion**

Rigless on 5/18/2012 - Frac stages #1-#2. Set CBP but could not shear off. Pull out of rope socket. Move some of BH frac pumps to make room for coil tubing. - 10:30-11:25. Hold safety meeting before starting stage #2. Prime up and pressure test to 9,000 Psi. Open up well SICP-4,363. Start break down. Zone broke @ 6,651 psi @ 3.4 bpm with 3.4 bbls Pumped. ISDP-4,519 psi. 1 min-4,502 psi. 5 min-4,467 psi. 10 min-4,446 psi. Max Psi-7,353, Min psi-5,400. Avg psi-6,317. Avg Injection rate-56.3 Flush-60.5. FG-.91 Pumped 14,167 gals fresh water, 36,141 gals Lightning 17.20/40 white sand 76,981 lbs. Super LC 20/40 8,500 lbs. Total sand pumped 85,481 lbs. Fluid to recover 1,879 bbls. Currently preparing for stage #3 plug/perf set. - 10:30-11:25. Hold safety meeting before starting stage #2. Prime up and pressure test to 9,000 Psi. Open up well SICP-4,363. Start break down. Zone broke @ 6,651 psi @ 3.4 bpm with 3.4 bbls Pumped. ISDP-4,519 psi. 1 min-4,502 psi. 5 min-4,467 psi. 10 min-4,446 psi. Max Psi-7,353, Min psi-5,400. Avg psi-6,317. Avg Injection rate-56.3 Flush-60.5. FG-.91 Pumped 14,167 gals fresh water, 36,141 gals Lightning 17.20/40 white sand 76,981 lbs. Super LC 20/40 8,500 lbs. Total sand pumped 85,481 lbs. Fluid to recover 1,879 bbls. Currently preparing for stage #3 plug/perf set. - 0752-1030. RIH with CCL/8 2 3/4" perf gun/10k Halliburton CBP. Correlate to Short Joint @ 7,990'. Continue RIH with plug/gun and set Halliburton 10K CBP @ 9,499'. Pull up hole and perforate WS 28 from 9,431'-9,439' with 16 gram Titan charges 3SPF 120* phasing. POOH with CCL/Gun And confirm that all shots had fired. Prepare to hydraulic fracture stage #2. - 0752-1030. RIH with CCL/8 2 3/4" perf gun/10k Halliburton CBP. Correlate to Short Joint @ 7,990'. Continue RIH with plug/gun and set Halliburton 10K CBP @ 9,499'. Pull up hole and perforate WS 28 from 9,431'-9,439' with 16 gram Titan charges 3SPF 120* phasing. POOH with CCL/Gun And confirm that all shots had fired. Prepare to hydraulic fracture stage #2. - Hold safety meeting with frac crew. Begin testing kickouts on pumps. Pressure test against upper manual frac valve 250 psi low, 9,000 psi high. 0700-Open up well SICP-270. Start break down. Zone broke @ 5,166 psi @ 6.3 bpm. 6.9 bbls pumped. 1 min-4,270 psi, 5 min-4,141 psi. 10 min-4,085 psi. 0715-0752. Start fracing stage #1. ISDP-4,583 psi. FG-.91. Max Rate-61.3 Max Psi-7,275.1 min-4,541 psi. Min psi-5,500 psi, Avg psi-6,229 psi, Avg Injection rate-55.9 bpm. 5min-4,483 psi. 10 min-4,453 psi. Total sand pumped-65,645 lbs. 20/40 white sand-51,145 lbs, Super LC 20/40-6,500 lbs. Pumped 10,833 gals fresh water, 29,585 gals Lightning 17. Fluid to recover 1,714.1 bbls. Currently RU EWL and test lubricator to 9,000 psi and set up for stage #2. - Hold safety meeting with frac crew. Begin testing kickouts on pumps. Pressure test against upper manual frac valve 250 psi low, 9,000 psi high. 0700-Open up well SICP-270. Start break down. Zone broke @ 5,166 psi @ 6.3 bpm. 6.9 bbls pumped. 1 min-4,270 psi, 5 min-4,141 psi. 10 min-4,085 psi. 0715-0752. Start fracing stage #1. ISDP-4,583 psi. FG-.91. Max Rate-61.3 Max Psi-7,275.1 min-4,541 psi. Min psi-5,500 psi, Avg psi-6,229 psi, Avg Injection rate-55.9 bpm. 5min-4,483 psi. 10 min-4,453 psi. Total sand pumped-65,645 lbs. 20/40 white sand-51,145 lbs, Super LC 20/40-6,500 lbs. Pumped 10,833 gals fresh water, 29,585 gals Lightning 17. Fluid to recover 1,714.1 bbls. Currently RU EWL and test lubricator to 9,000 psi and set up for stage #2. - Start POOH with

coil tubing and fish.0700 hrs. Bump up coil in lubricator and RD off frac stack.After viewing fish the CBP had set and the setting sleeve was still intact.No tools remain in the well.,Start breaking down guns and BHA and lubricator. - Start POOH with coil tubing and fish.0700 hrs. Bump up coil in lubricator and RD off frac stack.After viewing fish the CBP had set and the setting sleeve was still intact.No tools remain in the well.,Start breaking down guns and BHA and lubricator. - RIH with coil tubing @ 60 ft/min WHP-4,083.Tag top of fish @ 9,396' CTM,PIR 2.0 bpm @ 5,750 psi,returns were 2.0 bpm @ 4,758 psi.had weight check @ 9,200' weight was 13,000 lbs.Continue RIH with coil and set down on fish @ 9,396' CTM.Pickup 7,000 lbs over string weight @ 20,000 with no jar action.Pickup to 25,000 with no jar action.Came up to 30,000 string weight and set jars off with a 3,000 lbs weight gain. - RIH with coil tubing @ 60 ft/min WHP-4,083.Tag top of fish @ 9,396' CTM,PIR 2.0 bpm @ 5,750 psi,returns were 2.0 bpm @ 4,758 psi.had weight check @ 9,200' weight was 13,000 lbs.Continue RIH with coil and set down on fish @ 9,396' CTM.Pickup 7,000 lbs over string weight @ 20,000 with no jar action.Pickup to 25,000 with no jar action.Came up to 30,000 string weight and set jars off with a 3,000 lbs weight gain. - 0930 hrs.Crane and lubricator has arrived.10:00-10:30 hrs Hold safety meeting with all personel of the hazards involved.RU crane and start rigging up injector head and lubricator.Load coil and function test safety rams,pipe rams.Pull test coil to 25,000 lbs.wait for wind to die down before rigging up lubricator.Make up TTS BHA as follows 2.88" OD x 1.00"ID x 1.67' Coil connector/back pressure valve,2.88" ODx 1.00' ID x 3.83' LEE Bi directional jars,2.88" OD x 0.69" ID x 2.24' Hydraulic disconnect,2.88" OD x 0.56" ID x 1.58' dual circulating sub w/rupture disc,2.88" OD x 0.68' rotary sub.3.75" OD x 1.95" ID x 1.73' Bowen Series 150 overshot with 2.75" Spiral Grapple,3.75" OD x 3.50" ID x 3.82' wash pipe cutlip shoe.Test lubricator to 8,000 ps and start RIH with coil tubing - 0930 hrs.Crane and lubricator has arrived.10:00-10:30 hrs Hold safety meeting with all personel of the hazards involved.RU crane and start rigging up injector head and lubricator.Load coil and function test safety rams,pipe rams.Pull test coil to 25,000 lbs.wait for wind to die down before rigging up lubricator.Make up TTS BHA as follows 2.88" OD x 1.00"ID x 1.67' Coil connector/back pressure valve,2.88" ODx 1.00' ID x 3.83' LEE Bi directional jars,2.88" OD x 0.69" ID x 2.24' Hydraulic disconnect,2.88" OD x 0.56" ID x 1.58' dual circulating sub w/rupture disc,2.88" OD x 0.68' rotary sub.3.75" OD x 1.95" ID x 1.73' Bowen Series 150 overshot with 2.75" Spiral Grapple,3.75" OD x 3.50" ID x 3.82' wash pipe cutlip shoe.Test lubricator to 8,000 ps and start RIH with coil tubing - No activity.Waiting on 180 ton crane and lubricator to arrive on location to start RU. - No activity.Waiting on 180 ton crane and lubricator to arrive on location to start RU. - MIRU Cudd 2" Coil Tubing,crane,fluid pump.Start RU onto Frac stack. - MIRU Cudd 2" Coil Tubing,crane,fluid pump.Start RU onto Frac stack. - 11:50-12:00 Make up 2 ¾" Perf Guns/10K plug for stage #3.PU Lubricator and test to 9,000 psi. RIH with 2 ¾" perf guns loaded with 16 gram titan charges 3SPF 120* phasing.RIH down to Short joint @ 8,004'and correlate,continue RIH down to 9,351' and set plug.Plug set but did Not shear off.Work wireline to try and get off plug by pulling up to 1500 lbs line tension. It was decided to perforate bottom gun @ 9,339'-9,341'.Work wireline to free up.Surge well On a 18/64 choke for 30 seconds while pulling up.Surge well again on a 32/64 choke psi 2,900 Psi.Pull 50% of EWL weight up to 1500 lbs line tension and work to free up.Surge well again at 40% of wellhead pressure @ 2,700 psi,work wireline.Surge well 5 more times @ 40% of well Head pressure on a 46/64 choke-2,600 psi and continue to free up.Pull 2,500 lbs and pulled Out of rope socket.POOH with wireline and shut well. RD Lubricator move frac pumps out Of the way for coil tubing to rig up tonight. - 11:50-12:00 Make up 2 ¾" Perf Guns/10K plug for stage #3.PU Lubricator and test to 9,000 psi. RIH with 2 ¾" perf guns loaded with 16 gram titan charges 3SPF 120* phasing.RIH down to Short joint @ 8,004'and correlate,continue RIH down to 9,351' and set plug.Plug set but did Not shear off.Work wireline to try and get off plug by pulling up to 1500 lbs line tension. It was decided to perforate bottom gun @ 9,339'-9,341'.Work wireline to free up.Surge well On a 18/64 choke for 30 seconds while pulling up.Surge well again on a 32/64 choke psi 2,900 Psi.Pull 50% of EWL weight up to 1500 lbs line tension and work to free up.Surge well again at 40% of wellhead pressure @ 2,700 psi,work wireline.Surge well 5 more times @ 40% of well Head pressure on a 46/64 choke-2,600 psi and continue to free up.Pull 2,500 lbs and pulled Out of rope socket.POOH with wireline and shut well. RD Lubricator move frac pumps out Of the way

for coil tubing to rig up tonight.

Daily Cost: \$0

Cumulative Cost: \$171,038

5/19/2012 Day: 8

Completion

Rigless on 5/19/2012 - POOH with coil tubing and fish. Break down lubricator and BHA. Set injector head back and combo rams. RDMO 180 ton crane. MIRU EWL, Crane and Baker Hughes. Set CBP/perf stage #3. - 12:30-1400 Baker Hughes on location to start RU trucks and frac iron. 1500 hrs Make up 2 3/4" perf guns loaded with 16 gram Titan charges 3 SPF 120* phasing. RU lubricator on well head and pressure test lubricator. Had leak around ring gasket on goat head. ND goat head and replace gasket and retest to 9,000 psi good test. - RIH with 2 3/4" Perf guns/CBP down to short joint @ 7,990' and correlate. Continue RIH and set CBP @ 9,330'. Pickup 15' off plug and test CBP to 7,500 psi. CBP held good. Pull up and perforate stage #3 from 9,289-9,291, 9,280-9,281, 9,263-9,266, 9,192-9,194. POOH with wireline. Pressure test lines to 9,000 psi. - Well is secured SDFN. Will perforate stage #4 in the am, Baker Hughes will be on location at 9:00am. - Start Hydraulic Fracture. Breakdown zone and do step down. 1 Min-4,322 psi. 5 Min-4,227 psi. 10 Min-4,159. 2015 Hrs, Stage #3 pumped to completion. 1 Min-4,631 psi. 5 Min-4,508 psi. 10 Min-4,444 psi. Pumped 131,040 lbs 20/40 white sand, 14,500 lbs Suoer LC. Max Rate-61.6 Avg Rate-58.8 Max Psi-7,430 psi, Avg Psi-6,148 psi, Min Psi-5,250 psi. Fluid to recover-2,963.1 bbls. - POOH with coil tubing, BHA and perf guns. Break down tool string and BHA. Break down lubricator and set injector head back, RD coil tubing rams. RDMO 180 ton crane, MIRU EWL and crane.

Daily Cost: \$0

Cumulative Cost: \$273,483

5/20/2012 Day: 9

Completion

Rigless on 5/20/2012 - Continue to Hydraulic Fracture Wasatch Formation. - Pickup Lubricator and 2 3/4" perf guns/10K CFTP. Test lubricator to 9,000 psi. RIH down 7,990' and correlate to short joint. Con't RIH and set CFTP @ 8,408'. Pull and perforate stage #7 from 8,344'-8,348', 8,338'-8,340', 8,330'-8,332'. POOH with wireline and shut well in. Lay down lubricator and shut down for the night. Will resume hydraulic fracturing stages #7-#8 at 0700 hrs. - RU new ground valve. Pressure test lines to 9,000 psi. 1615 Hrs Open up well SICP-4,077. Start break down, zone broke @ 4,219 psi @ 4.2 bpm with 3.6 bbls pumped. 1715 Hrs stage #6 pumped to completion. 1 Min-4,411 psi. 5 Min-4,248 psi. 10 Min-4,160 psi. Max Rate-63.4 Avg Rate-57.1. Max Psi-6,723. Avg Psi-5,799. Pumped 131,000 lbs 20/40 White sand, 14,500 lbs 20/40 Super LC. Total fluid pumped 3,280 bbls. Shut well in and prepare to RU WL for stage #7 plug/perf. - RU EWL and make up 2 3/4" perf guns and 10K CFP, loaded with Titan 16 gram charges 3SPF 120* phasing. Pickup lubricator and test to 9,000 psi good test. RIH down to Short joint @ 7,990' and correlate. Continue RIH and set CFP @ 9,068'. Pull up and perforate stage #5 from 9,036-9,038', 8,994'-8,996', 8,982'-8,984', 8,942'-8,944'. POOH with wireline. 12:30 OOH with WL confirmed that all shots had fired. 12:45 PM Prime up and test pumps to 9,000 psi. 12:45 PM Open up well SICP-4,368. Break down zone with 4.5 bbls @ 4,892 psi 1.9 bpm. 1:50 PM. Stage #5 pumped to completion. ISDP-4,397. 1 Min-4,333 psi. 5 Min-4,236. 10 Min-4,208 psi. Shut well in. Max Psi-6,941. Avg Psi-5,753. Max Rate-57.3. Avg Rate-52.4 Pumped 131,063 lbs 20/40 white sand, 14,500 lbs 20/40 Super LC. Pumped 145,563 lbs sand. Total fluid to recover-3,298 bbls. 1405 Hrs RU wireline for stage #6 plug and perf. 1415 Hrs. RU EWL and test lubricator to 9,000 psi. RIH with 2 3/4" perf guns loaded with 16 gram charges 3 SPF 120* phasing. RIH and correlate to short joint @ 7,990'. Con't in hole and set CFTP @ 8,917'. Pickup and perforate stage #6 from 8,854'-8,857'-8,818'-8,819', 8,777'-8,778', 8,755'-8,756', 8,740'-8,742'. POOH with wireline. 1610 Hrs. OOH with wireline confirmed all shots had fired. Waiting on a different ground valve to arrive before starting stage #6. 1550 Hrs new ground valve is on location. - 0930 Hrs Open up well SICP-

4,294. Bring pumps online and break down zone. Break pressure was -5,936 @ 3.7 bpm, 4.9 bbls pumped. 0950-1000 Hrs Shut down pumping to fix chucks that was leaking. Resume pumping Fracture. Stage #4 pumped to completion. ISDP -5,040 psi. 1 Min -4,890 psi. 5 Min -4,707 psi. 10 Min -4,599. Make up 2 3/4" perfs guns/plug, pickup lubricator and test to 9,000 psi. - 0630-0810 Hrs. Makeup 2 3/4" perf guns loaded with 16 gram Titan charges 3SPF 120* phasing. Pickup lubricator and test to 9,000 psi for 5 mins good test. RIH with CBP/2 3/4" guns. Stop @ 7,990' and correlate to short joint. Continue in hole and set CFTP @ 9,181'. Pickup and perforate stage #4 from 9,149'-9,151', 9,115'-9,118', 9,070'-9,080'. POOH with perf guns. Confirmed that all guns had fired. 0900 Hrs Baker Hughes on location. Start pumps and prime up and test lines to 9,000 psi good test. - No activity well is shut in.

Daily Cost: \$0

Cumulative Cost: \$473,122

5/21/2012 Day: 10

Completion

Rigless on 5/21/2012 - Finish hydraulic fracturing stages 7-8. RDMO Wireline, Baker Hughes. RU Cudd 2" CT Unit and prepare to drill out plugs. Continue to RIH w/ CT. - 10:00 AM. OOH with wireline confirmed that all shots had fired. Prime up and test lines to 9,000 psi. 10:15 Open up well SICP-3,345. Zone broke down @ 4,536 @ 4.2 bpm. Shut down for 10 Mins. 1 Min -4,192 psi. 5 Min -3,436 psi. 10 Min -3,362 psi. Resume with fracture. 11:45 am Shut down due to screening out on .75 ppg sand. 12:00- PM. Open up well on a 32/64 choke and begin flowing back well. 1355 Hrs. Open up well and start Pumping again on zone @ 8.9 bpm 7,100 psi. 1445 Hrs shut down waiting on water before resuming with fracture. - 17:10 Hrs. Resume with stage #8 fracture. Start pumping to breakdown formation @ 9.6 bpm & 5460 psi. Increase rate to 10.1 bpm & pressure increased to 7710 psi. Decrease rate to 5.6 bpm & 7555 psi. Work rate up to 25.8 bpm & 7451 psi. 19:11 SD flush. Ran out of water. ISIP: 6756 psi, 1 min. 6593 psi, 2 min. 6506 psi, 3 min. 6448 psi, 4 min. 6396 psi, 5 min. 6345 psi. Shut in well. RD & Release Baker frac crew. - Open well to flowback on 16/64" choke & 3950 psi. Pressure bled down to 50 psi w/ trace of sand (1/10%). Shut well in. - Spot & RU Cudd 2" CT unit. Hotshot & replace batteries in crane. Install & pull test connector to 25K pull. Install BHA consisting of: 3 7/8" concave 4 bladed mill, 2.88" O.D hydraulic motor, 2.88" O.D. ported sub w/ 4 ea 1/8" ports, 2.88" O.D. circulating sub (rupture disks), 2.88" O.D. hydraulic disconnect, 2.88" O.D dual flapper check valve, 2.88" O.D. coil tubing connector. - Baker Hughes on location. Prime up and test lines to 9,000 psi. Open up well SICP-6,748. Start breakdown, zone broke @ 6,748 psi @ 3.2 bpm. 0830 Hrs Stage #7 pumped to completion. 1 Min -3,742.5 Min -3,632. 10 Min -3,547. Pumped 126,000 lbs 20/40 White sand, 13,998 lbs 20/40 Super LC. Max Rate -62.2 Max Psi -7,724. Avg Rate -37.5 Avg Psi -6,207. Total fluid pumped 3,382 bbls. FG - 0.90. RU Wireline and makeup perf guns/CBP. Test lubricator to 9,000 psi. 0900 Hrs. RIH with guns/plug and correlate to short joint @ 7,990'. Set CBP @ 8,282'. Pull up and perforate LBSH from 8,212'-8,222'. POOH with wireline. - Casing pressure @ 2600 psi. Equilibrate pressure & open well. RIH w/ BHA & coiled tubing. Start pumping @ .75 bpm @ 100'. RIH @ 60'/min w/ 3500 psi casing pressure & 6200 psi pump pressure. Continue RIH w/ CT.

Daily Cost: \$0

Cumulative Cost: \$969,834

5/22/2012 Day: 11

Completion

Rigless on 5/22/2012 - RIH and finish drilling out remaining plugs, RIH 100' below bottom perf. POOH with coil and lay down BHA, RD lubricator. - Pull up off plug and fix leaking valve on pump. Go back down and mill on plug. 1600 hrs plug. 1610 hrs #2 gone pump 20 bbl sweep, WHP-3543, Circ Psi-6805, PIR-4.0 bpm, returns 4.0 bpm. RIH down and tag plug #3 @ 8953' CTM. WHP-3530, Circ Psi-6859, PIR 4.0 bpm, returns 4.0 bpm. Start milling on plug. 1705 Hrs deck engine on pump would not stay running, would not stay in lockup. POOH with coil tubing and BHA. Continue to pump 1 bpm/1 bpm back. 2030 hrs OOH with coil tubing. Will

change out Motor,4 blade concave mill and take off ported sub.Function test coil motor before RIH. - 0156 Hrs tag plug #3 @ 8952 CTM.Start milling on plug,WH-3400,Circ psi 550,PIR-2.5 bpm with 3.5 returns.0205 hrs tag plug #4 at 9100' CTM.Start drilling on plug,WH-3400,Circ Psi-5680,PIR-2.5 with 3.5 returns.0226 plug #4 gone pump 10 bbl sweep and continue RIH.0240 hrs Tag plug #5 @ 9181' CTM,start milling on plug,WHP-3461,Circ Psi-5665,PIR-2.5 bpm,3.5 bpm returns.Plug #5 gone @ 0255 hrs.Pump 10 bbl sweep.Continue RIH and tag plug #6 @ 9364 CTM WH-3361,Circ psi-5515,PIR-2.5 bpm,returns 3.5 bpm.0330hrs plug #6 gone,pump 10 bbl sweep and continue RIH.0334 hrs tag plug #7 @ 9384' CTM.Start drilling plug,WH-3420,CircPsi-5600,PIR-2.5 with 3.5 returns.0356 hrs plug #7 gone pump 10 bbl sweep.0400 hrs Tag plug #8 @ 9531' CTM.start drilling on plug,WH-3467,Circ Psi-5805,PIR-2.5 bpm,3.5 returns.0435 hrs plug #8 gone.pump 20 bbl sweep.RIH down to 9850' 100' below botom perf and pump 20 bbl sweep.0445 hrs start POOH with coil tubing @ 40'/min until liner top then pull out at 60'/min pumping 3.0 bpm pulling out.0700 hrs POOH with coil tubing. - 0700 hrs Tag sand at 5520' PIR 3.0 bpm and wash through sand.Circ Psi-4462.pump 10 bbl sweep.have 2% sand in returns.0800 at 7,000' pull weight check CT weight was 20,000 lbs.WHP-1106,Circ Psi- 5842.PIR 4.0 bpm,4.0 bpm returns.0825 pump 10 bbl sweep coil depth 7,376',WHP-1020,Circ Psi-5541.0845 stop @7600' and do weight check.Continue RIH with coil and stop @ liner top and pump 10 bbl sweep.Pull up 50' and continue running in hole.Tag plug #1 @ 8,320' CTM,Circ psi-5762,WHP-2332,PIR 4.0 bpm,returns 4.0 bpm.1255 hrs Drill plug up in 15 mins.Pump 10 bbl sweep and continue RIH with coil.1325 hrs tag plug #2 @ 8446' CTM.WHP-3387,Cir Psi-5987,PIR 4.0 bpm,4.0 returns.1340 hrs pump 20 bbl sweep,WHP-3234,Circ Psi-6528.Continue to mill on plug.1405 hrs pickup off plug and pump sweep,WHP-3342,PIR 4.0 bpm>Returns 4.0 bpm.Circ psi-6869.

Daily Cost: \$0

Cumulative Cost: \$1,027,864

5/23/2012 Day: 12

Completion

Rigless on 5/23/2012 - RDMO 2" CTU, Set packer - Bumped up lubricator with coil, Unflanging lubricator aws, will make visual and confirm BHA intack Coil BHA intack, Breaking off mill (In good hape still looks new) finish breaking down BHA & will Blow reel dry & start R/D Cudds 2" CTU - MIRU The Perforators Wireline & Lubricator, Tested Lubricator to 5,000 psi, Prep. to RIH with JB & 6.20 GR, SICP 3600 psi; RIH with JB&GR (6.02) to 8,084' tagged liner top gently, POH JB was clean, released pressure off lubricator to pit, P/U 7" Baker 10K EL Hornet Pkr. tested lub. to 5,000 psi - RIH to 7,970' P/U & set packer. Set pkr. @ 7,970' (due to csg. collar, moved up 14') set pkr. and we are POH now with setting tool, & slowly releasing pressure off csg. to flo-back tanks OOH with wireline & Pkr. Setting tool, pressure down to 0 psi, wireline is rigged down and well is secured, night cap is on the frac stack & nipples up, pressure is stable at 0 psi after 30 minutes; SWI&SDFN - Cudds 2" CTU is RDMO Location, The Perforators are going to be on location @ 2:00PM Today, Baker set up to have Hornet pkr. here at 4:00PM - Well is secured and SICP 1,000 psi;

Daily Cost: \$0

Cumulative Cost: \$1,133,364

5/26/2012 Day: 13

Completion

Nabors #1423 on 5/26/2012 - MIRU WOR, Pipe racks, catwalk, tubing. Start RIH with tubing. - Hold safety meeting with crew before starting work. ND 7 1/16" manual frac valve. NU NU 7 1/16" pipe BOP rams w double 2 1/16" valves, 7 1/16" pipe bop and 5K Annular preventer and torque up bolts. - Hold safety meeting with crew before starting work. ND 7 1/16" manual frac valve. NU NU 7 1/16" pipe BOP rams w double 2 1/16" valves, 7 1/16" pipe bop and 5K Annular preventer and torque up bolts. - MIRU nabors workover rig 1423. Start RU working floor, tongs and hand rails. Pickup 2 7/8" sub and tubing hanger and land in "B" section. 1345-1430 Test BOP's and 2 1/16" valves 250 psi low x 5 min, 9500 psi high x 10 mins good test. Pull out sub

and hanger. Set up pipe racks, cat walk and unload 2 7/8" tubing on pipe racks and tally. - Pickup BHA and run in hole as follows. 7" skirt, 1 jt 2 7/8" 6.5# L-80 tbg, X-profile Nipple, 1 jt 2 7/8" 6.5# L-80 tbg, GLV. Start RIH with tubing. RIH with 100 jts 2 7/8" tubing down to 3,184' and SDFN. - Pickup BHA and run in hole as follows. 7" skirt, 1 jt 2 7/8" 6.5# L-80 tbg, X-profile Nipple, 1 jt 2 7/8" 6.5# L-80 tbg, GLV. Start RIH with tubing. RIH with 100 jts 2 7/8" tubing down to 3,184' and SDFN. - Hold safety meeting with crew. Continue RIH with 2 7/8" tubing and GLV. Tag packer @ 7,978' TBG tally. Latch up packer and release off of. Circulate 300 bbls packer fluid around. Latch onto packer and space out tubing. Land hanger with 12,000 compression and ND BOP. - Hold safety meeting with crew. Continue RIH with 2 7/8" tubing and GLV. Tag packer @ 7,978' TBG tally. Latch up packer and release off of. Circulate 300 bbls packer fluid around. Latch onto packer and space out tubing. Land hanger with 12,000 compression and ND BOP. - NU Production tree and test to 250 low x 9500 high. Good test on tree, pull BPV out and hook oiler and bust disc @ 4,700 psi. Turn well over to production @ 1645 hrs. Leave workover rig standing due to high winds. Total joints run well 248 jts 2 7/8" .65# L-80 tubing, 15 GLV, 4-2 7/8" Subs 10'-8'-4'-2'. SDFN. - NU Production tree and test to 250 low x 9500 high. Good test on tree, pull BPV out and hook oiler and bust disc @ 4,700 psi. Turn well over to production @ 1645 hrs. Leave workover rig standing due to high winds. Total joints run well 248 jts 2 7/8" .65# L-80 tubing, 15 GLV, 4-2 7/8" Subs 10'-8'-4'-2'. SDFN. - No activity well on production. - No activity well on production. - MIRU nabors workover rig 1423. Start RU working floor, tongs and hand rails. Pickup 2 7/8" sub and tubing hanger and land in "B" section. 1345-1430 Test BOP's and 2 1/16" valves 250 psi low x 5 min, 9500 psi high x 10 mins good test. Pull out sub and hanger. Set up pipe racks, cat walk and unload 2 7/8" tubing on pipe racks and tally.

Daily Cost: \$0

Cumulative Cost: \$1,182,064

6/1/2012 Day: 15

Completion

Nabors #1423 on 6/1/2012 - RU R&B slickline. Cut wax to 6500'. RE R&B. RU HES made guage ring run. Run production log. RD HES EWL unit. - RU HES EWL unit. RIH w/ 1 3/4" guage ring. Tag @ 9838'. POH w/ guage ring. PU & RIH w/ PL tools. Made a total of 8 passes, 2 each @ 30, 60, 90, 120 FPM. Stop @ top of each stage for 5 min. POH w/ PL tools. RD HES EWL unit. - RU R&B slickline. Ran in hole w/ 2 7/8" paraffin knife to 6500'. RD R&B slickline.

Daily Cost: \$0

Cumulative Cost: \$1,258,081

6/20/2012 Day: 16

Completion

Nabors #1423 on 6/20/2012 - RU R&B WLT, cut wax to 6000'. RU Halliburton WLT. PT lubricater to 4500 psi. RIH w/ sinker bar to 9838'. RIH w/ logging tools to 9760', made 8- passes at 30 fpm, 60 fpm, 90 fpm, 120 fpm. RD WLT. Resume production - RU R&B WLT, cut wax to 6000'. RU Halliburton WLT. PT lubricater to 4500 psi. RIH w/ sinker bar to 9838'. RIH w/ logging tools to 9760', made 8- passes at 30 fpm, 60 fpm, 90 fpm, 120 fpm. RD WLT. Resume production

Daily Cost: \$0

Cumulative Cost: \$1,290,865

7/2/2012 Day: 17

Completion

Nabors #1423 on 7/2/2012 - Capture final costs in DCR - Cost adjustment in DCR for non-captured costs - 881162 - Runners(009,\$135,032,\$135), Western States (16564,\$195)

Daily Cost: \$0

Cumulative Cost: \$1,628,587

7/23/2012 Day: 18**Completion**

Nabors #1423 on 7/23/2012 - RU Delsco. Tbg press 48 psi. PT lubricater to 3000 psi. RIH w/ 1 1/2" wt bars, tag @ 9882'. RU Protechnics. PT lubricater to 3000 psi. Run RAT survey on well. RDMO. Leave well on production. - RU Delsco. Tbg press 48 psi. PT lubricater to 3000 psi. RIH w/ 1 1/2" wt bars, tag @ 9882'. RU Protechnics. PT lubricater to 3000 psi. RIH w/ 1.79"x 11.6' spectra scan tool @ 300 FPM. Log down from 7700' to 9875 @ 30 FPM, then log back up to 7700'. POOH. RDMO. Leave well on production.

Daily Cost: \$0**Cumulative Cost:** \$1,640,607

7/29/2012 Day: 19**Completion**

Nabors #1423 on 7/29/2012 - Enter final costs in DCR - Cost adjustments in DCR for non-captured costs

Daily Cost: \$0**Cumulative Cost:** \$1,647,048

Pertinent Files: Go to File List

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

5. Lease Serial No. **FEE**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
MULLINS 11-14-3-2W

9. AFI Well No.
43-013-51044

10. Field and Pool or Exploratory
WILDCAT

11. Sec., T., R., M., on Block and Survey or Area
SEC. 14, T3S, R2W

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
01/30/2012

15. Date T.D. Reached
05/07/2012

16. Date Completed
05/25/2012
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5252' GL 18' KB

18. Total Depth: MD **10150'**
TVD **10130'46**

19. Plug Back T.D.: MD **10096'**
TVD **10094**

20. Depth Bridge Plug Set: MD
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36#	0	1004'		480 CLASS G			
8-3/4"	7" P-110	26#	0	8614'		300 PRIMLITE		4000'	
6-1/4"	4.5" P-110	11.6#	0	10144'		342 50/50 POZ			
						595 PRIMLITE			
						178 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@ 9764'	TA @ 9576'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	8212'	9721'	8740'-9721'	.38"	135	
B)			8212'-8348'	.41"	54	
C)						
D)						

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

Depth Interval	Amount and Type of Material
8212'-9721'	Frac w/ 879564#'s 20/40 white sand and 97556 #s Super LC 20/40 sand in 17777 bbls of Lightning 17 fluid in 8 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
5/25/12	6/4/12	24	→	457	375	400			Gas Lift
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	
			→						

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

RECEIVED
OCT 24 2012
DIV. OF OIL, GAS & MINING

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 PRODUCING	

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

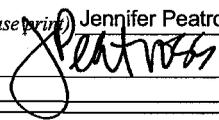
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH	8212'	9721'		GREEN RIVER EPA	3502'
				MAHOGANY BENCH TOP	5484'
				GARDEN GULCH 1 WASATCH	6583' 8713'
				TF40 RB	9824'

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:

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  Date 10/22/2012

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.



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 14 T3S, R2W
11-14-3-2W**

Wellbore #1

Design: Actual

Standard Survey Report

09 May, 2012





Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 14 T3S, R2W
 Well: 11-14-3-2W
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well 11-14-3-2W
 TVD Reference: 11-14-3-2W @ 5268.7ft (Pioneer 69)
 MD Reference: 11-14-3-2W @ 5268.7ft (Pioneer 69)
 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 14 T3S, R2W				
Site Position:		Northing:	7,252,803.96 ft	Latitude:	40° 13' 19.717 N
From:	Map	Easting:	2,037,831.31 ft	Longitude:	110° 4' 36.098 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.91 °

Well	11-14-3-2W, SHL LAT: 40 13 16.91 LONG: -110 04 49.05					
Well Position	+N/-S	0.0 ft	Northing:	7,252,503.95 ft	Latitude:	40° 13' 16.910 N
	+E/-W	0.0 ft	Easting:	2,036,831.31 ft	Longitude:	110° 4' 49.050 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,268.7 ft	Ground Level:	5,251.7 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/9/2012	11.23	65.91	52,277

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	180.94	

Survey Program	Date 5/9/2012				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
1,116.0	10,150.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1,116.0	0.59	147.40	1,116.0	-4.8	3.1	4.8	0.05	0.05	0.00
1,209.0	0.60	139.90	1,209.0	-5.6	3.7	5.6	0.08	0.01	-8.06
1,302.0	0.57	175.00	1,302.0	-6.4	4.0	6.4	0.38	-0.03	37.74
1,395.0	0.80	174.20	1,395.0	-7.6	4.1	7.5	0.25	0.25	-0.86
1,487.0	0.87	171.90	1,487.0	-8.9	4.3	8.8	0.08	0.08	-2.50
1,581.0	0.80	159.80	1,580.9	-10.2	4.6	10.1	0.20	-0.07	-12.87
1,674.0	0.88	168.00	1,673.9	-11.5	5.0	11.4	0.16	0.09	8.82
1,767.0	1.05	169.40	1,766.9	-13.1	5.3	13.0	0.18	0.18	1.51
1,860.0	1.21	174.70	1,859.9	-14.9	5.5	14.8	0.21	0.17	5.70
1,953.0	0.47	258.90	1,952.9	-15.9	5.3	15.8	1.35	-0.80	90.54
2,047.0	0.54	261.50	2,046.9	-16.1	4.4	16.0	0.08	0.07	2.77
2,140.0	0.48	251.90	2,139.9	-16.2	3.6	16.2	0.11	-0.06	-10.32



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW(UT)
Site: SECTION 14 T3S, R2W
Well: 11-14-3-2W
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 11-14-3-2W
TVD Reference: 11-14-3-2W @ 5268.7ft (Pioneer 69)
MD Reference: 11-14-3-2W @ 5268.7ft (Pioneer 69)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
2,232.0	0.61	252.20	2,231.9	-16.5	2.8	16.5	0.14	0.14	0.33	
2,327.0	0.56	249.20	2,326.9	-16.8	1.9	16.8	0.06	-0.05	-3.16	
2,419.0	0.53	252.50	2,418.9	-17.1	1.1	17.1	0.05	-0.03	3.59	
2,511.0	0.67	233.90	2,510.9	-17.6	0.2	17.6	0.26	0.15	-20.22	
2,604.0	0.61	237.90	2,603.9	-18.2	-0.6	18.2	0.08	-0.06	4.30	
2,697.0	0.43	243.50	2,696.9	-18.6	-1.4	18.6	0.20	-0.19	6.02	
2,790.0	0.71	242.50	2,789.9	-19.0	-2.2	19.0	0.30	0.30	-1.08	
2,883.0	0.53	249.80	2,882.8	-19.4	-3.1	19.5	0.21	-0.19	7.85	
2,976.0	0.64	260.30	2,975.8	-19.6	-4.0	19.7	0.16	0.12	11.29	
3,069.0	0.69	266.24	3,068.8	-19.8	-5.1	19.8	0.09	0.05	6.39	
3,162.0	0.62	280.70	3,161.8	-19.7	-6.1	19.8	0.19	-0.08	15.55	
3,255.0	0.69	268.50	3,254.8	-19.6	-7.2	19.7	0.17	0.08	-13.12	
3,348.0	0.68	263.90	3,347.8	-19.7	-8.3	19.8	0.06	-0.01	-4.95	
3,441.0	0.62	268.00	3,440.8	-19.8	-9.4	19.9	0.08	-0.06	4.41	
3,534.0	0.55	255.20	3,533.8	-19.9	-10.3	20.1	0.16	-0.08	-13.76	
3,627.0	0.68	241.00	3,626.8	-20.3	-11.2	20.5	0.21	0.14	-15.27	
3,720.0	0.71	246.40	3,719.8	-20.8	-12.2	21.0	0.08	0.03	5.81	
3,813.0	0.68	243.10	3,812.8	-21.3	-13.2	21.5	0.05	-0.03	-3.55	
3,906.0	0.74	224.60	3,905.8	-21.9	-14.2	22.2	0.25	0.06	-19.89	
3,998.0	0.98	218.40	3,997.8	-23.0	-15.1	23.2	0.28	0.26	-6.74	
4,091.0	1.14	217.60	4,090.8	-24.3	-16.1	24.6	0.17	0.17	-0.86	
4,184.0	1.19	211.60	4,183.7	-25.9	-17.2	26.2	0.14	0.05	-6.45	
4,277.0	1.41	204.50	4,276.7	-27.8	-18.2	28.1	0.29	0.24	-7.63	
4,371.0	0.57	226.80	4,370.7	-29.1	-19.0	29.4	0.97	-0.89	23.72	
4,464.0	0.87	220.50	4,463.7	-30.0	-19.8	30.3	0.33	0.32	-6.77	
4,557.0	1.20	218.70	4,556.7	-31.3	-20.9	31.6	0.36	0.35	-1.94	
4,650.0	0.58	208.80	4,649.7	-32.5	-21.7	32.8	0.68	-0.67	-10.65	
4,743.0	0.65	183.50	4,742.7	-33.4	-21.9	33.8	0.30	0.08	-27.20	
4,836.0	0.66	176.70	4,835.7	-34.5	-21.9	34.8	0.08	0.01	-7.31	
4,929.0	0.68	182.30	4,928.6	-35.5	-21.9	35.9	0.07	0.02	6.02	
5,022.0	0.74	174.90	5,021.6	-36.7	-21.9	37.1	0.12	0.06	-7.96	
5,115.0	1.00	186.60	5,114.6	-38.1	-21.9	38.5	0.34	0.28	12.58	
5,209.0	1.28	180.20	5,208.6	-40.0	-22.0	40.3	0.33	0.30	-6.81	
5,302.0	0.38	188.60	5,301.6	-41.3	-22.1	41.7	0.97	-0.97	9.03	
5,395.0	0.48	203.60	5,394.6	-42.0	-22.3	42.3	0.16	0.11	16.13	
5,488.0	0.69	179.30	5,487.6	-42.9	-22.4	43.2	0.34	0.23	-26.13	
5,581.0	0.84	184.90	5,580.6	-44.1	-22.5	44.5	0.18	0.16	6.02	
5,674.0	0.96	176.80	5,673.6	-45.6	-22.5	45.9	0.19	0.13	-8.71	
5,767.0	1.27	176.00	5,766.6	-47.4	-22.4	47.8	0.33	0.33	-0.86	
5,860.0	0.78	163.10	5,859.5	-49.0	-22.1	49.4	0.58	-0.53	-13.87	
5,953.0	1.25	172.60	5,952.5	-50.6	-21.8	51.0	0.54	0.51	10.22	
6,046.0	0.51	157.90	6,045.5	-52.0	-21.5	52.4	0.83	-0.80	-15.81	
6,139.0	0.54	165.50	6,138.5	-52.8	-21.3	53.2	0.08	0.03	8.17	
6,232.0	1.10	164.80	6,231.5	-54.1	-20.9	54.5	0.60	0.60	-0.75	
6,325.0	1.74	161.70	6,324.5	-56.3	-20.3	56.6	0.69	0.69	-3.33	
6,418.0	1.90	161.10	6,417.4	-59.1	-19.3	59.4	0.17	0.17	-0.65	
6,511.0	1.66	168.40	6,510.4	-61.9	-18.5	62.2	0.35	-0.26	7.85	
6,605.0	1.22	172.80	6,604.3	-64.2	-18.1	64.5	0.48	-0.47	4.68	
6,697.0	1.58	166.50	6,696.3	-66.4	-17.7	66.7	0.42	0.39	-6.85	
6,791.0	1.59	177.80	6,790.3	-69.0	-17.4	69.3	0.33	0.01	12.02	
6,884.0	0.65	148.00	6,883.3	-70.7	-17.0	71.0	1.16	-1.01	-32.04	
6,977.0	0.74	128.20	6,976.3	-71.5	-16.3	71.8	0.27	0.10	-21.29	
7,070.0	1.48	136.90	7,069.2	-72.8	-15.0	73.0	0.81	0.80	9.35	
7,163.0	2.73	154.90	7,162.2	-75.7	-13.2	75.9	1.50	1.34	19.35	

Payzone Directional
Survey Report

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 14 T3S, R2W
 Well: 11-14-3-2W
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well 11-14-3-2W
 TVD Reference: 11-14-3-2W @ 5268.7ft (Pioneer 69)
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 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)	
7,256.0	2.25	163.10	7,255.1	-79.4	-11.8	79.6	0.64	-0.52	8.82	
7,349.0	1.45	189.30	7,348.0	-82.3	-11.4	82.5	1.23	-0.86	28.17	
7,442.0	1.68	193.00	7,441.0	-84.8	-11.9	85.0	0.27	0.25	3.98	
7,535.0	1.98	169.90	7,534.0	-87.7	-11.9	87.9	0.85	0.32	-24.84	
7,628.0	1.82	155.10	7,626.9	-90.7	-11.0	90.8	0.55	-0.17	-15.91	
7,721.0	2.90	146.10	7,719.8	-94.0	-9.1	94.1	1.22	1.16	-9.68	
7,814.0	1.80	158.20	7,812.8	-97.3	-7.3	97.4	1.29	-1.18	13.01	
7,907.0	2.10	171.10	7,905.7	-100.3	-6.4	100.4	0.57	0.32	13.87	
8,000.0	2.00	187.50	7,998.6	-103.6	-6.4	103.7	0.64	-0.11	17.63	
8,093.0	1.30	202.60	8,091.6	-106.2	-7.0	106.3	0.88	-0.75	16.24	
8,186.0	1.30	205.30	8,184.6	-108.1	-7.9	108.2	0.07	0.00	2.90	
8,279.0	1.29	211.50	8,277.6	-109.9	-8.9	110.1	0.15	-0.01	6.67	
8,372.0	1.52	200.50	8,370.5	-112.0	-9.8	112.1	0.38	0.25	-11.83	
8,465.0	1.69	151.10	8,463.5	-114.4	-9.6	114.5	1.45	0.18	-53.12	
8,557.0	1.93	207.70	8,555.5	-116.9	-9.7	117.1	1.88	0.26	61.52	
8,638.0	2.04	201.23	8,636.4	-119.5	-10.8	119.6	0.31	0.14	-7.99	
8,733.0	2.44	206.77	8,731.3	-122.8	-12.4	123.0	0.48	0.42	5.83	
8,828.0	2.50	173.65	8,826.3	-126.7	-13.0	126.9	1.48	0.06	-34.86	
8,923.0	1.73	149.13	8,921.2	-130.0	-12.1	130.2	1.23	-0.81	-25.81	
9,017.0	2.02	143.39	9,015.1	-132.5	-10.4	132.7	0.37	0.31	-6.11	
9,111.0	1.87	142.60	9,109.1	-135.1	-8.4	135.2	0.16	-0.16	-0.84	
9,206.0	1.69	150.40	9,204.0	-137.5	-6.8	137.6	0.32	-0.19	8.21	
9,301.0	1.35	149.30	9,299.0	-139.7	-5.5	139.8	0.36	-0.36	-1.16	
9,396.0	1.43	161.30	9,394.0	-141.8	-4.6	141.9	0.32	0.08	12.63	
9,491.0	1.32	174.10	9,488.9	-144.0	-4.1	144.1	0.34	-0.12	13.47	
9,586.0	1.82	172.10	9,583.9	-146.6	-3.8	146.6	0.53	0.53	-2.11	
9,681.0	1.80	170.49	9,678.9	-149.6	-3.3	149.6	0.06	-0.02	-1.69	
9,776.0	1.75	167.75	9,773.8	-152.5	-2.8	152.5	0.10	-0.05	-2.88	
9,871.0	1.86	182.50	9,868.8	-155.4	-2.5	155.4	0.50	0.12	15.53	
10,029.0	1.89	181.60	10,026.7	-160.6	-2.7	160.6	0.03	0.02	-0.57	
10,105.0	1.84	179.40	10,102.6	-163.1	-2.7	163.1	0.11	-0.07	-2.89	
10,150.0	1.81	177.87	10,147.6	-164.5	-2.7	164.5	0.13	-0.07	-3.40	

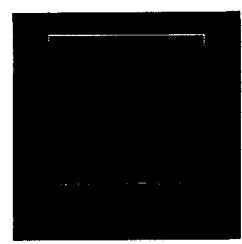
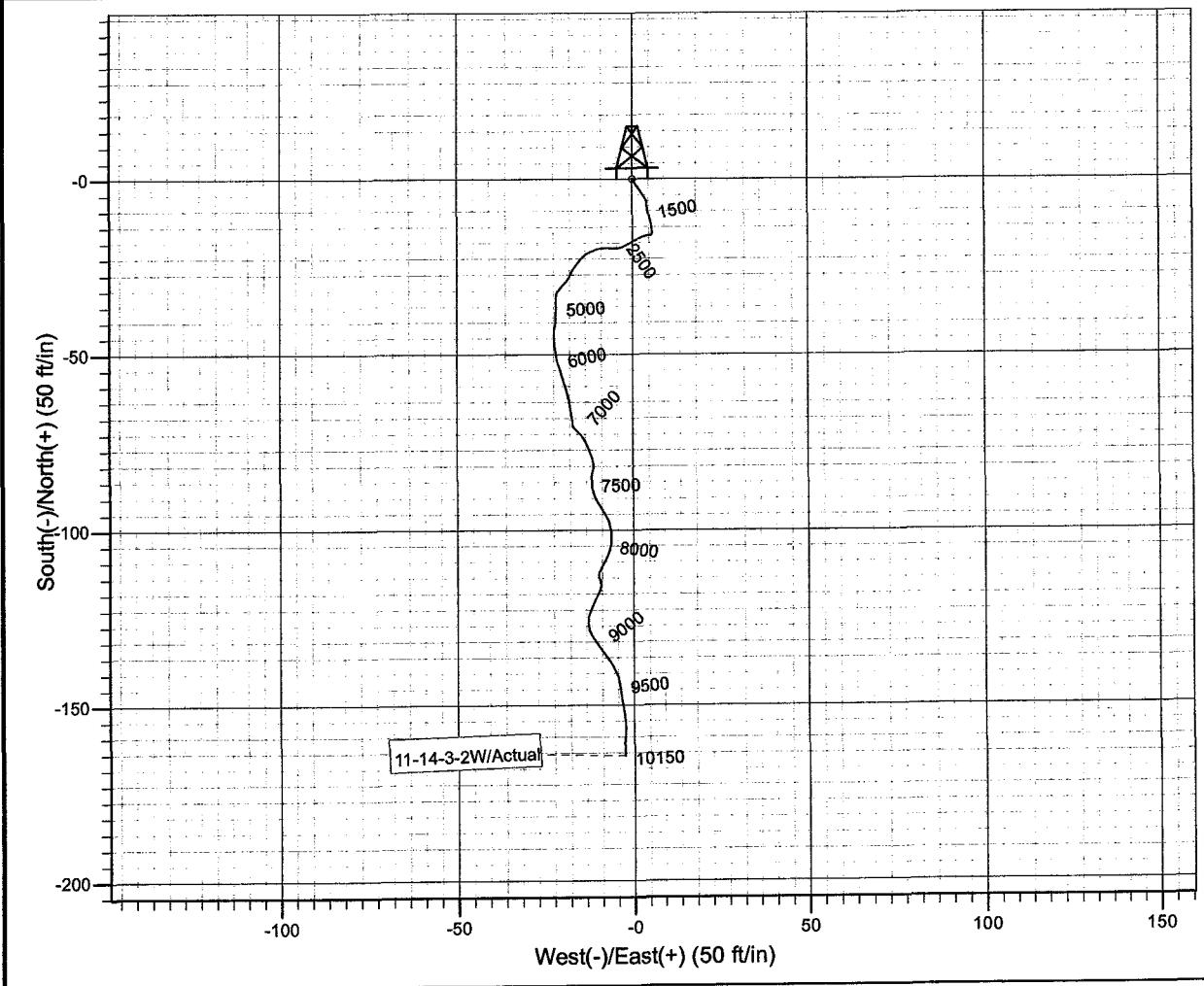
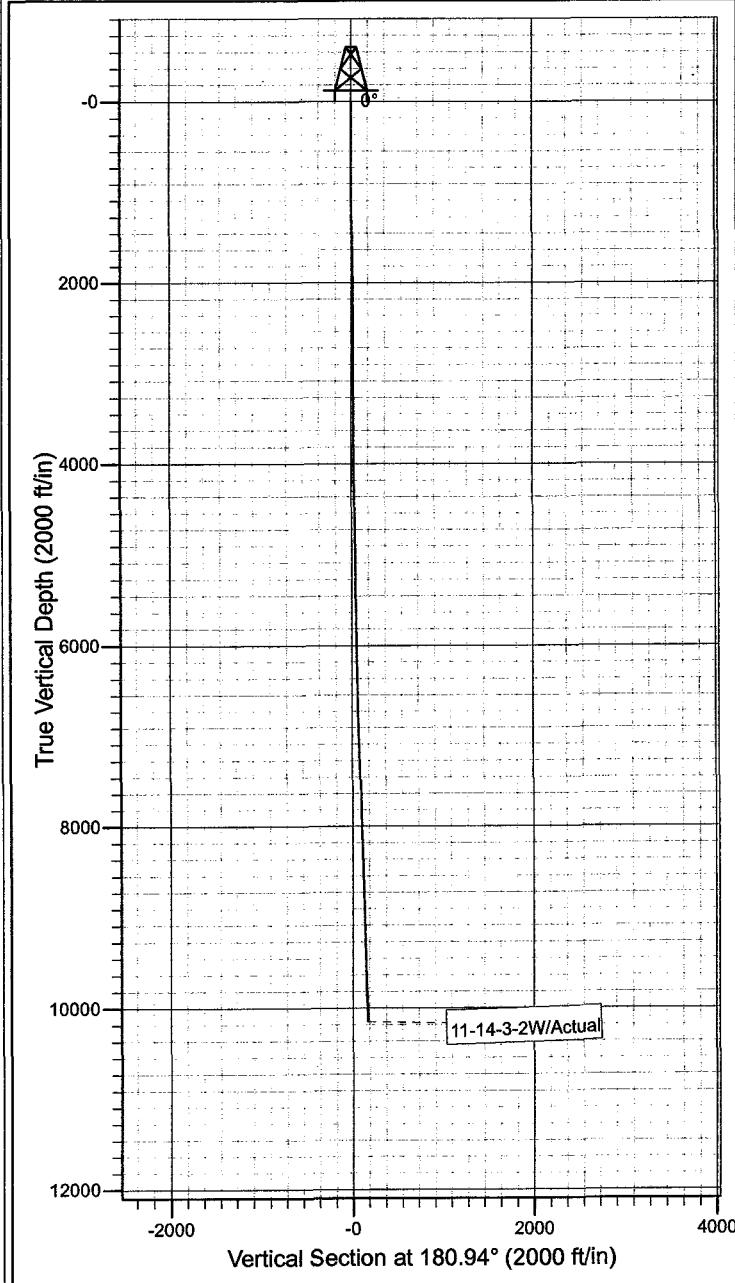
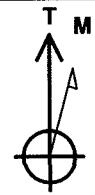
Checked By: _____ Approved By: _____ Date: _____



Project: USGS Myton SW (UT)
Site: SECTION 14 T3S, R2W
Well: 11-14-3-2W
Wellbore: Wellbore #1
Design: Actual

Azimuths to True North
Magnetic North: 11.23°

Magnetic Field
Strength: 52276.6snT
Dip Angle: 65.91°
Date: 5/9/2012
Model: IGRF2010



Design: Actual (11-14-3-2W/Wellbore #1)

Created By: Sarah Webb Date: 7:59, May 09 2012

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
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.		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: MULLINS 11-14-3-2W	
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		9. API NUMBER: 43013510440000	
PHONE NUMBER: 303 382-4443 Ext		9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2317 FSL 1652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 03.0S Range: 02.0W Meridian: U		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/7/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<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 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 checked="" 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 type="text" value="Site Facility/Site Security"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. SEE ATTACHED REVISED SITE FACILITY DIAGRAM			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 28, 2013			
NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician	
SIGNATURE N/A		DATE 1/25/2013	

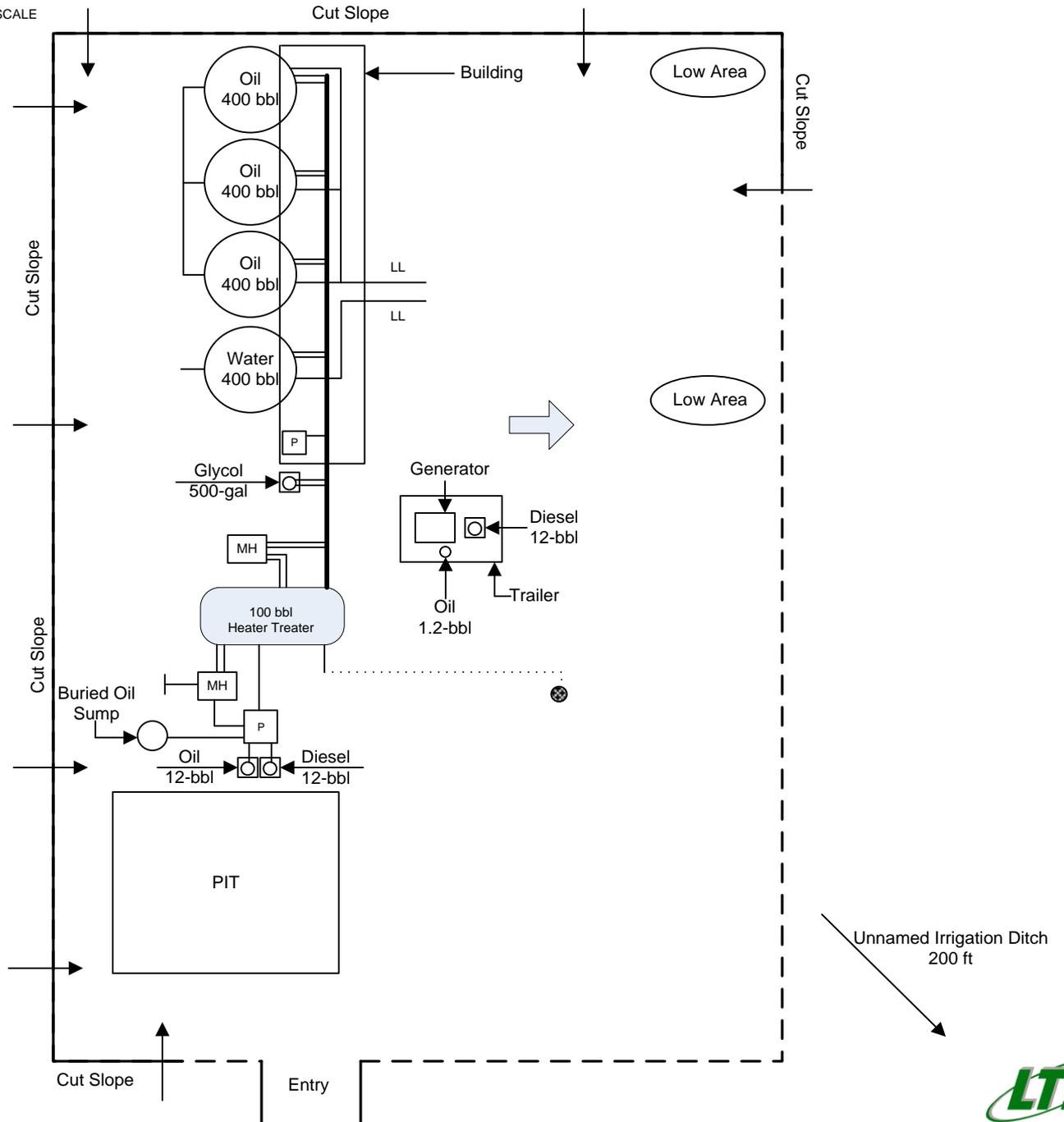
NEWFIELD PRODUCTION COMPANY

MULLINS 11-14-3-2W
SEC. 14 T3S R2W
DUCHEсне COUNTY, UTAH



LEGEND

- FENCE
- - - BERM
- ABOVEGROUND PIPING
- UNDERGROUND PIPING (LOCATION APPROXIMATE)
- [MH] METER HOUSE
- ← DIRECTION OF FLOW
- bbbl BARREL(S)
- LL LOAD LINE
- ⊗ WELL HEAD
- [P] PUMP
- PIPING CONDUIT



ALL UNDERGROUND PIPING IS FOR
PROCESS FLOW DEMONSTRATION ONLY

