

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

FORM 3

AMENDED REPORT 

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Ute Tribal 13-9-4-1E								
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> UNDESIGNATED								
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>								
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY						<b>7. OPERATOR PHONE</b> 435 646-4825								
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630 , Myton, UT, 84052						<b>9. OPERATOR E-MAIL</b> mcrozier@newfield.com								
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 14-20-H62-6394			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>								
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Coleman Brothers LTD						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>								
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 148 West Center Street, Heber City, UT 84032						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>								
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>								
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>		<b>SECTION</b>		<b>TOWNSHIP</b>		<b>RANGE</b>		<b>MERIDIAN</b>		
LOCATION AT SURFACE		656 FSL 632 FWL		SWSW		9		4.0 S		1.0 E		U		
Top of Uppermost Producing Zone		656 FSL 632 FWL		SWSW		9		4.0 S		1.0 E		U		
At Total Depth		656 FSL 632 FWL		SWSW		9		4.0 S		1.0 E		U		
<b>21. COUNTY</b> UINTAH			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 632			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40								
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1320			<b>26. PROPOSED DEPTH</b> MD: 8265 TVD: 8265								
<b>27. ELEVATION - GROUND LEVEL</b> 5333			<b>28. BOND NUMBER</b> RLB0010462			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 437478								
<b>Hole, Casing, and Cement Information</b>														
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>		<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>			
Surf	12.25	8.625	0 - 500	24.0	J-55 ST&C	8.3	Class G		203	1.17	15.8			
Prod	7.875	5.5	0 - 8265	17.0	N-80 LT&C	9.0	Premium Lite High Strength		285	3.49	11.0			
							50/50 Poz		527	1.24	14.3			
<b>ATTACHMENTS</b>														
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>														
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN								
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP								
<b>NAME</b> Mandie Crozier				<b>TITLE</b> Regulatory Tech				<b>PHONE</b> 435 646-4825						
<b>SIGNATURE</b>				<b>DATE</b> 09/30/2011				<b>EMAIL</b> mcrozier@newfield.com						
<b>API NUMBER ASSIGNED</b> 43047520380000				<b>APPROVAL</b>				 Permit Manager						

**Newfield Production Company**  
**Ute Tribal 13-9-4-1E**  
**SW/SW Section 9, T4S, R1E**  
**Uintah County, UT**

**Drilling Program**

**1. Formation Tops**

Uinta	surface
Green River	2,645'
Wasatch	7,465'
TD	8,265'

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

Base of Moderately Saline	1,495'	(Water)
Green River	2,645' - 7,465'	(Oil)
Wasatch	7,465' - TD	(Oil)

**3. Pressure Control**

Section                      BOP Description

Surface                      12-1/4" diverter bowl

Production                The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 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
Surface	0'	500'	24	J-55	STC	8.33	8.33	12	2,950	1,370	244,000
8 5/8									10.52	8.61	20.33
Production	0'	8,265'	17	N-80	LTC	8.8	9	--	7,740	6,280	348,000
5 1/2									2.62	2.06	2.48

Assumptions:

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

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

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

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

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

## 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	237	15%	15.8	1.17
				203			
Production Lead	7 7/8	4,985'	Premium Lite II w/ 3% KCl + 10% bentonite	993	15%	11.0	3.49
				285			
Production Tail	7 7/8	3,280'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	654	15%	14.3	1.24
				527			

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

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

## 6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
Surface - 500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.
500' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.  Anticipated maximum mud weight is 9.0 ppg.

## 7. Logging, Coring, and Testing

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

Cores: As deemed necessary.

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

**8. Anticipated Abnormal Pressure or Temperature**

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.46 psi/ft gradient.

$$8,265' \times 0.46 \text{ psi/ft} = 3782 \text{ psi}$$

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

**9. Other Aspects**

This is planned as a vertical well.

Newfield requests the following Variances from Onshore Order # 2:

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

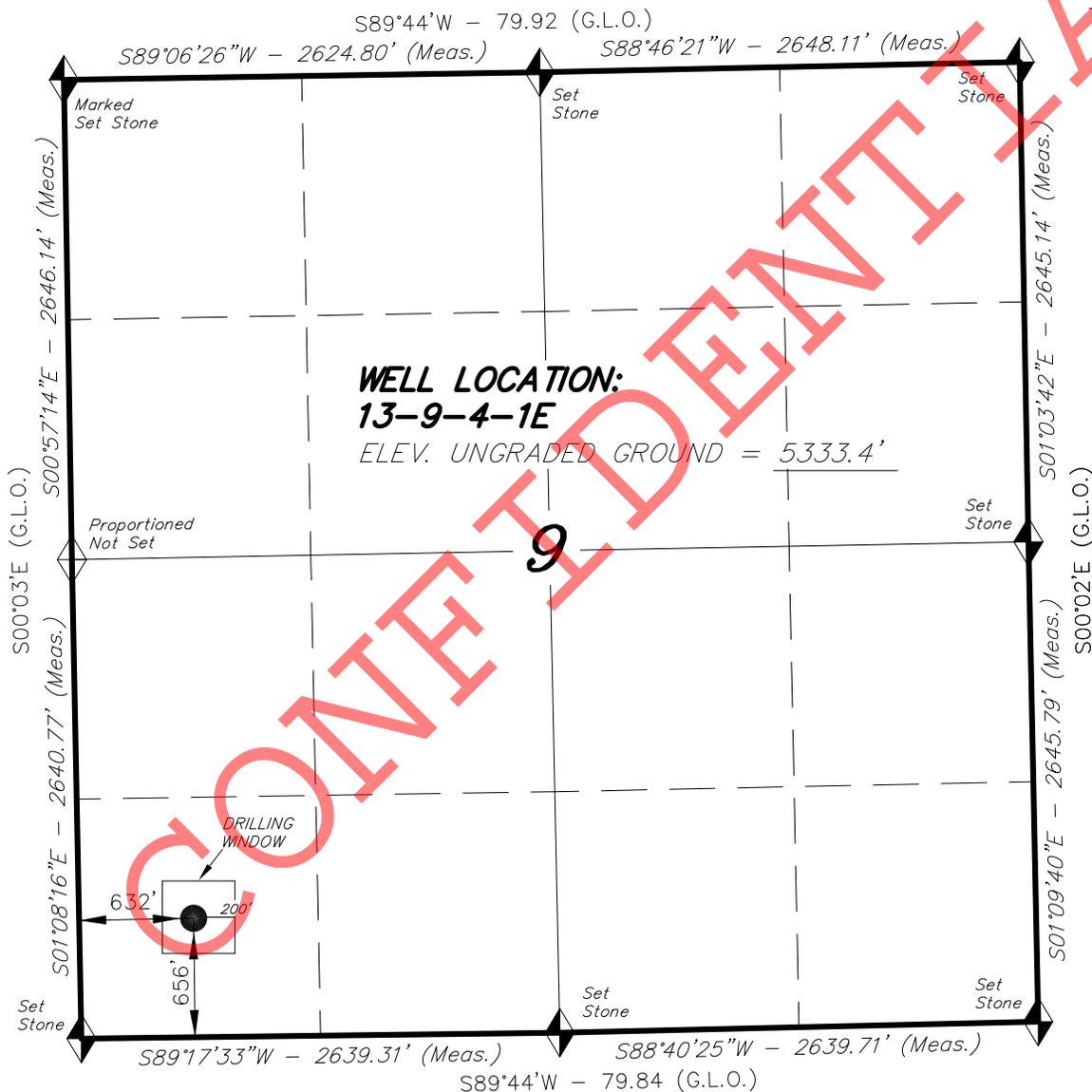
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.2

CONFIDENTIAL

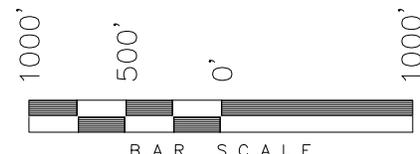
**T4S, R1E, U.S.B.&M.**

**NEWFIELD EXPLORATION COMPANY**

WELL LOCATION, 13-9-4-1E, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 9, T4S, R1E, U.S.B.&M. UTAH COUNTY, UTAH.



**WELL LOCATION:  
13-9-4-1E**  
ELEV. UNGRADED GROUND = 5333.4'



- 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 PLAT 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. 189377

REGISTERED LAND SURVEYOR  
 STACY W. STEWART  
 REGISTRATION No. 00837  
 STATE OF UTAH 06-07-11

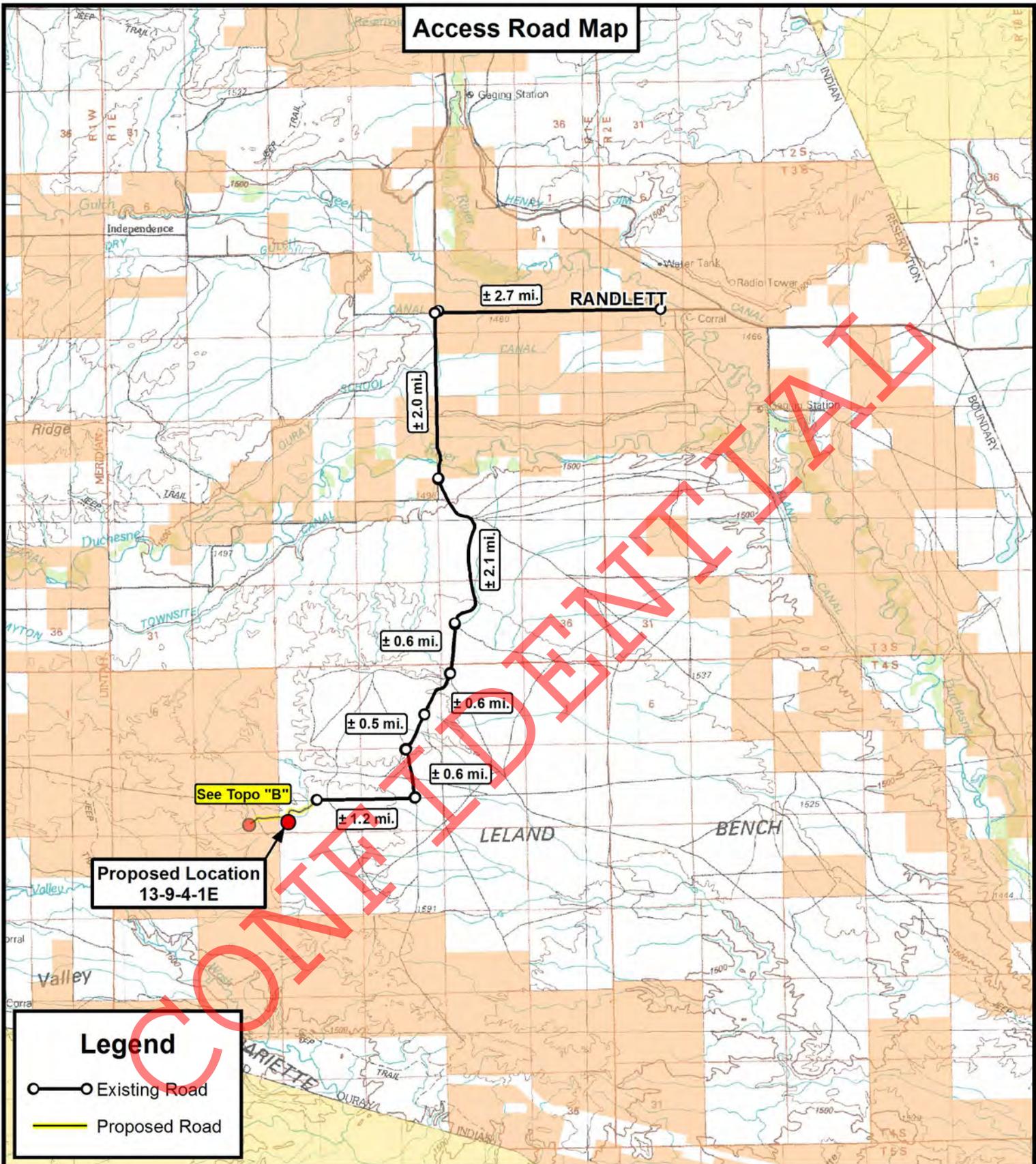
◆ = SECTION CORNERS LOCATED

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'

**13-9-4-1E**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 08' 38.75"  
 LONGITUDE = 109° 53' 41.94"

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>		
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501		
DATE SURVEYED: 03-14-11	SURVEYED BY: K.S.	VERSION:
DATE DRAWN: 04-27-11	DRAWN BY: M.W.	V1
REVISED:	SCALE: 1" = 1000'	

**Access Road Map**



**Proposed Location  
13-9-4-1E**

See Topo "B"

**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**

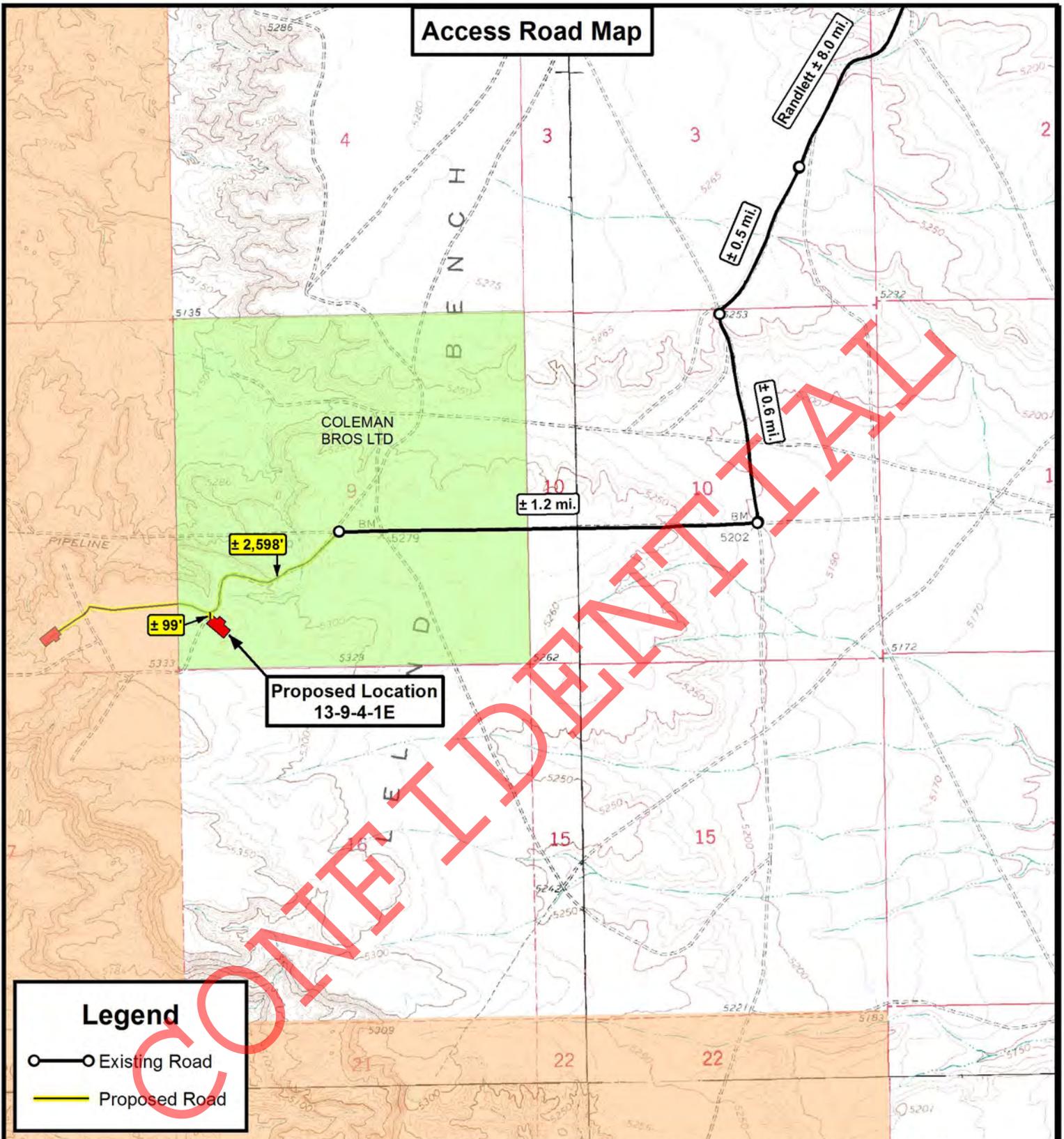
**13-9-4-1E**  
**SEC. 9, T4S, R1E, U.S.B.&M.**  
**Uintah County, UT.**

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	06-07-2011		V1
SCALE:	1:100,000		

**TOPOGRAPHIC MAP**

SHEET  
**A**

### Access Road Map



**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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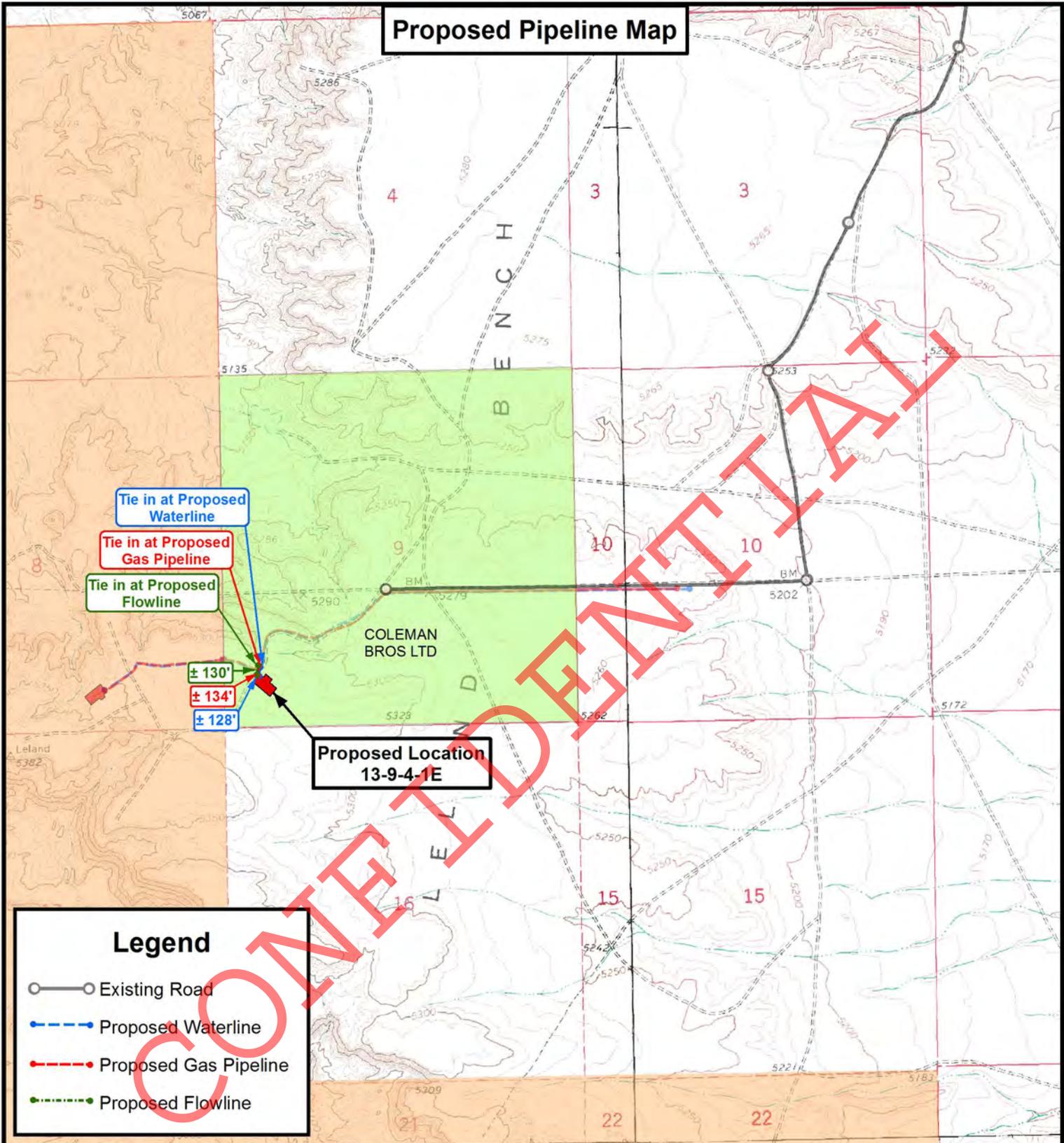
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SEC. 9, T4S, R1E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	06-07-2011		V1
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP**

SHEET  
**B**

**Proposed Pipeline Map**



Tie in at Proposed Waterline  
 Tie in at Proposed Gas Pipeline  
 Tie in at Proposed Flowline

**Proposed Location  
 13-9-4-1E**

± 130'  
 ± 134'  
 ± 128'

**Legend**

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

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**13-9-4-1E  
 SEC. 9, T4S, R1E, U.S.B.&M.  
 Uintah County, UT.**

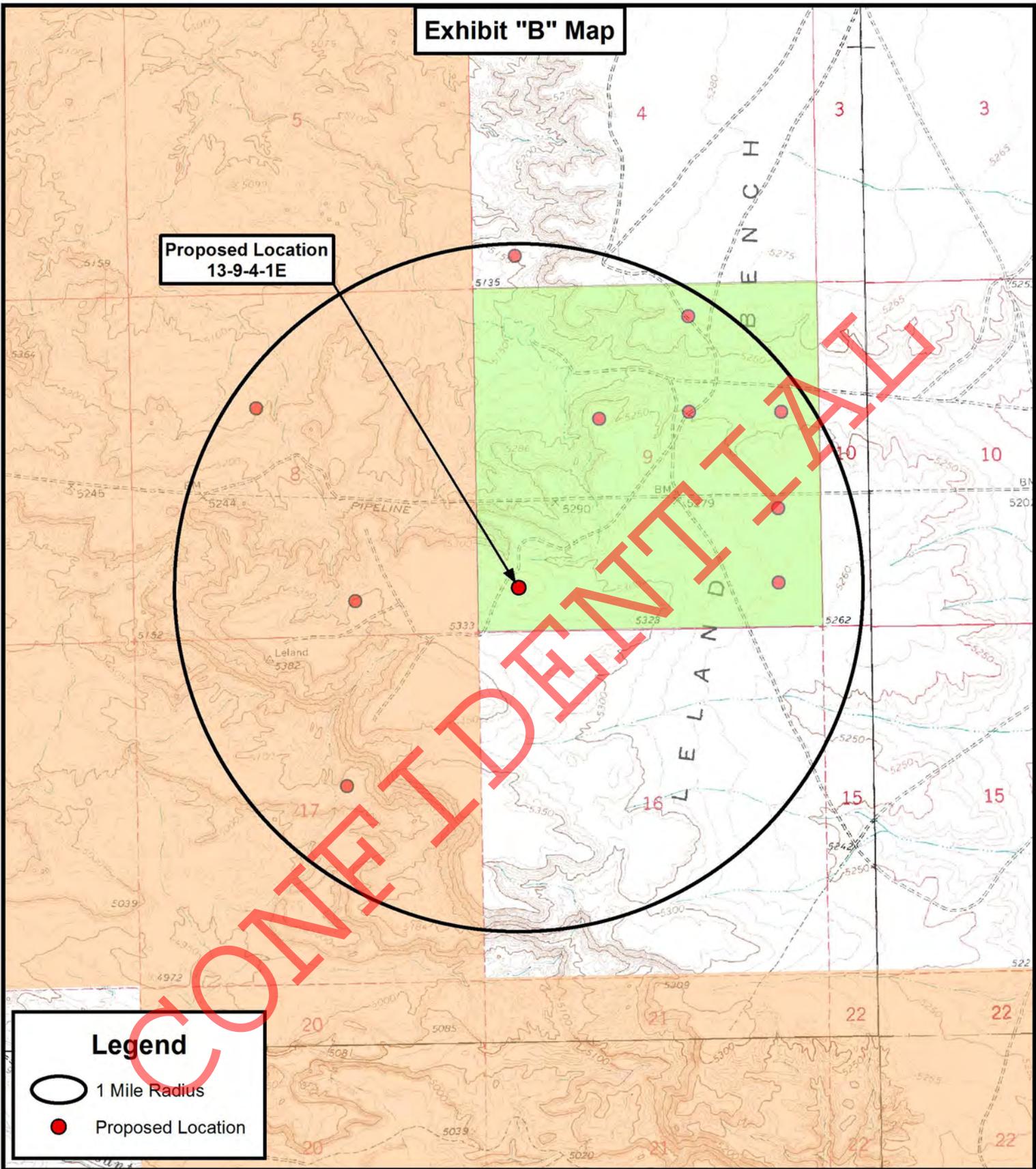
DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	06-07-2011		<b>V1</b>
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP**

SHEET  
**C**

**Exhibit "B" Map**

**Proposed Location  
13-9-4-1E**



**Legend**

-  1 Mile Radius
-  Proposed Location



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

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F: (435) 781-2518



**NEWFIELD EXPLORATION COMPANY**

**13-9-4-1E  
SEC. 9, T4S, R1E, U.S.B.&M.  
Uintah County, UT.**

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	06-07-2011		<b>V1</b>
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP**

SHEET  
**D**

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

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 9th day of June, 2010 by and between **Coleman Brothers LTD; Bonnie Coleman whose address is 148 West Center St, Heber City, UT. 84032**, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

**Township 4 South, Range 1 East, Uintah Special Base and Meridian**

Section 1: All, being 640 acres more or less.  
Section 3: N1/2, being 320 acres more or less.  
Section 4 All, being 640 acres more or less.  
Section 9: All, being 640 acres more or less.  
Section 10: All, being 640 acres more or less.  
Section 11: S1/2, being 320 acres more or less.  
Section 12: S1/2, being 320 acres more or less.  
Section 13: All, being 640 acres more or less.  
Section 14: All, being 640 acres more or less.  
Section 15: S1/2, being 320 acres more or less.  
Section 16: All, being 640 acres more or less.  
Section 23: N1/2, being 320 acres more or less.  
Section 24: All, being 640 acres more or less.

**Township 4 South, Range 2 East, Uintah Special Base and Meridian**

Section 7: NE1/4; E1/2 NW1/4; LOTS 1 AND 2, being 319 acres more or less.  
Section 8: S1/2, being 320 acres more or less.  
Section 17: LOTS 6 AND 7; E1/2 SW1/4; SE1/4, being 347 acres more or less.  
Section 18: All, being 640 acres more or less  
Section 19: All, being 640 acres more or less.  
Section 20: All, being 640 acres more or less.  
Section 29: All, being 640 acres more or less.  
Section 32: N1/2; N1/2S1/2; LOTS 1,2,3, and 4, being 648 acres more or less.  
Section 33: All, being 640 acres more or less.

**Township 3 South, Range 1 East, Uintah Special Base and Meridian**

Section 29: LOTS 1 AND 2, being 79.24 acres more or less.  
Section 32: All, being 640 acres more or less.  
Section 33: All, being 638 acres more or less.

**Uintah County, Utah**

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

I. **Compensation for Well; Release of All Claims**

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 9, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.



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

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 9th day of June, 2010 by and between **Coleman Brothers LTD; Joe Coleman whose address is 393 East Center St, Heber City, UT. 84032**, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

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Section 23: N1/2, being 320 acres more or less.  
Section 24: All, being 640 acres more or less.

**Township 4 South, Range 2 East, Uintah Special Base and Meridian**

Section 7: NE1/4; E1/2 NW1/4; LOTS 1 AND 2, being 319 acres more or less.  
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Section 17: LOTS 6 AND 7; E1/2 SW1/4; SE1/4, being 347 acres more or less.  
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Uintah County, Utah

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1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 9, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

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

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

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

COLEMAN BROTHERS LTD

NEWFIELD PRODUCTION COMPANY

By: Joe Coleman  
Joe Coleman (general partner)  
private surface owner

By: \_\_\_\_\_  
Dan Shewmake,  
Vice President-Development

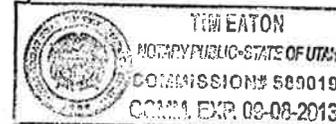
STATE OF UTAH )  
 )ss  
COUNTY OF Wasatch )

This instrument was acknowledged before me this 9th day of June, 2010 by Coleman Brothers LTD, Joe Coleman, (general partner). private surface owner.

Witness my hand and official seal.

My commission expires 9/8/2013

[Signature]  
Notary Public



STATE OF COLORADO )  
 )ss  
COUNTY OF Denver )

This instrument was acknowledged before me this \_\_\_\_\_, 2010 by Dan Shewmake, Vice President-Development a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

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

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

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

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 5th day of June, 2010 by and between **Coleman Brothers LTD; Mary Jo Coleman Adamson** whose address is **PO Box 610 Roosevelt, UT. 84066**, ("Surface Owner," whether one or more) and **Newfield Production Company**, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

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 Section 32: N1/2; N1/2S1/2; LOTS 1,2,3, and 4, being 648 acres more or less.  
 Section 33: All, being 640 acres more or less.

**Township 3 South, Range 1 East, Uintah Special Base and Meridian**

Section 29: LOTS 1 AND 2, being 79.24 acres more or less.  
 Section 32: All, being 640 acres more or less.  
 Section 33: All, being 638 acres more or less.

**Uintah County, Utah**

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

1. **Compensation for Well: Release of All Claims**

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 5, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

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

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

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

**COLEMAN BROTHERS LTD**

**NEWFIELD PRODUCTION COMPANY**

By: Mary Jo Coleman Adamson  
Mary Jo Coleman Adamson (general partner)  
private surface owner

By: \_\_\_\_\_  
Dan Shewmake,  
Vice President-Development

STATE OF UTAH )  
 )ss  
COUNTY OF Duchesne )

This instrument was acknowledged before me this 11<sup>th</sup> day of June, 2010 by **Coleman Bothers LTD, Mary Jo Coleman Adamson, (general partner), private surface owner.**

Witness my hand and official seal.

My commission expires 9/8/2013

[Signature]  
Notary Public



STATE OF COLORADO )  
 )ss  
COUNTY OF Denver )

This instrument was acknowledged before me this \_\_\_\_\_, 2010 by **Dan Shewmake, Vice President-Development** a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

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

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

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

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 17<sup>th</sup> day of June, 2010 by and between **Coleman Brothers LTD; Leila Coleman by whose address is 2390 South Doverway, St George, UT. 84770**, ("Surface Owner," whether one or more) and **Newfield Production Company**, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in **Uintah County, Utah** described as follows:

**Township 4 South, Range 1 East, Uintah Special Base and Meridian**

Section 1: All, being 640 acres more or less.  
Section 3: N1/2, being 320 acres more or less.  
Section 4 All, being 640 acres more or less.  
Section 9: All, being 640 acres more or less.  
Section 10: All, being 640 acres more or less.  
Section 11: S1/2, being 320 acres more or less.  
Section 12: S1/2, being 320 acres more or less.  
Section 13: All, being 640 acres more or less.  
Section 14: All, being 640 acres more or less.  
Section 15: S1/2, being 320 acres more or less.  
Section 16: All, being 640 acres more or less.  
Section 23: N1/2, being 320 acres more or less.  
Section 24: All, being 640 acres more or less.

**Township 4 South, Range 2 East, Uintah Special Base and Meridian**

Section 7: NE1/4; E1/2 NW1/4; LOTS 1 AND 2, being 319 acres more or less.  
Section 8: S1/2, being 320 acres more or less.  
Section 17: LOTS 6 AND 7; E1/2 SW1/4; SE1/4, being 347 acres more or less.  
Section 18: All, being 640 acres more or less.  
Section 19: All, being 640 acres more or less.  
Section 20: All, being 640 acres more or less.  
Section 29: All, being 640 acres more or less.  
Section 32: N1/2; N1/2S1/2; LOTS 1,2,3, and 4, being 648 acres more or less.  
Section 33: All, being 640 acres more or less.

**Township 3 South, Range 1 East, Uintah Special Base and Meridian**

Section 29: LOTS 1 AND 2, being 79.24 acres more or less.  
Section 32: All, being 640 acres more or less.  
Section 33: All, being 638 acres more or less.

**Uintah County, Utah**

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

1. **Compensation for Well; Release of All Claims**

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 17, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.



**NEWFIELD PRODUCTION COMPANY  
UTE TRIBAL 13-9-4-1E  
SW/SW SECTION 9, T4S, R1E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 13-9-4-1E located in the SW 1/4 SW 1/4 Section 9, T4S, R1E, Uintah County, Utah:

Proceed in a westerly direction out of Randlett, approximately 2.7 miles to it's junction with an existing road to the south; proceed in a southerly direction approximately 6.4 miles to it's junction with an existing road to the west; proceed westerly approximately 1.2 miles to it's junction with the beginning of the proposed access road to the southwest; proceed in a southwesterly direction along the proposed access road approximately 2,697' to the proposed well location.

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

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

**2. PLANNED ACCESS ROAD**

Approximately 2,697' of access road is proposed for the proposed well. See attached **Topographic Map "B"**.

The proposed access road will be an 20' crown road (10' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

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

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

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

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

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

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

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

Tank batteries will be built to State specifications.

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

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

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

Johnson Water District  
Water Right : 43-10136

Maurice Harvey Pond  
Water Right: 47-1358

Neil Moon Pond  
Water Right: 43-11787

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

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

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

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

**Fencing Requirements**

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

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

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

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

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

a) Producing Location

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

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

b) Dry Hole Abandoned Location

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

11. **SURFACE OWNERSHIP** – Coleman Brothers LTD. See the attached Memorandum of Easement, Right of Way and Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit #U-11-MQ-0455p 6/27/11, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, SWCA Environmental Consultants, 7/11/11. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 2,697' of planned access road to be granted. **Refer to Topographic Map "B"**. Newfield Production Company requests 134' of surface gas line to be granted. Newfield Production Company requests 128' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 4" poly fuel gas line, a buried 10" steel water injection line, a buried 3" poly water return line, and a and a 14" surface flow line. The planned access road will consist of a 20' permanent running surface (10' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

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

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

**Surface Flow Line**

Newfield requests 130' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

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

**Installation:** The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

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

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

#### **Water Disposal**

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

#### **Additional Surface Stipulations**

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

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 13-9-4-1E, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 13-9-4-1E, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

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

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

Representative

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

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #13-9-4-1E, SW/SW Section 9, T4S, R1E, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage for this well is covered by the Bureau of Indian Affairs Bond #RLB0010462.

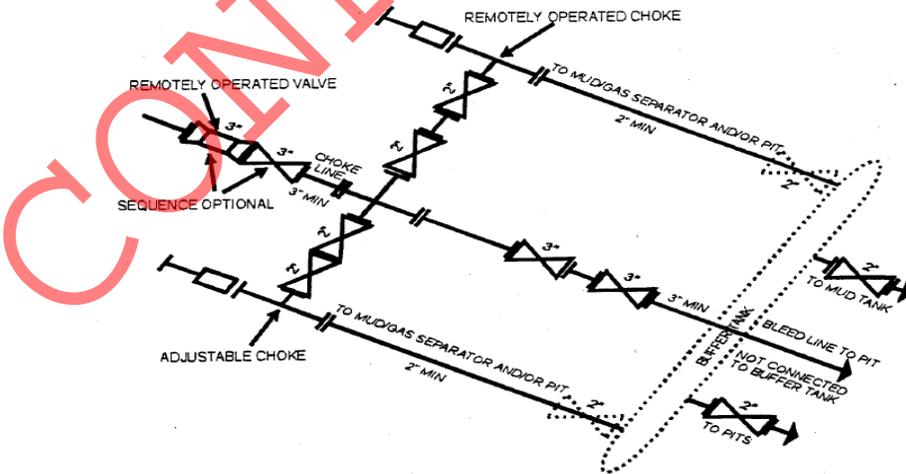
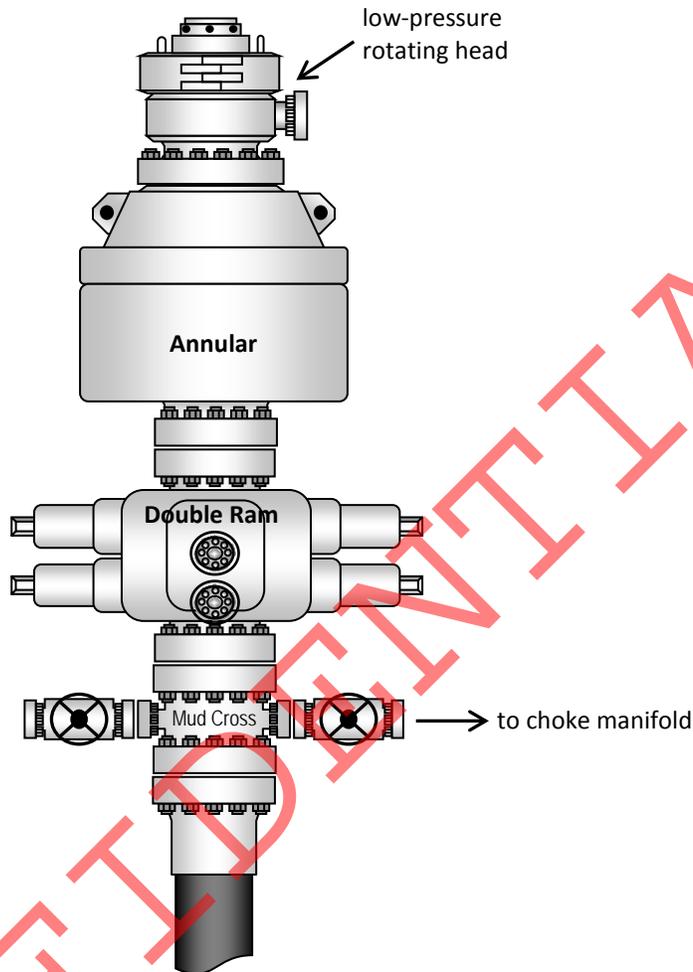
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will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

\_\_\_\_\_  
9/29/11  
Date

\_\_\_\_\_  
Mandie Crozier  
Regulatory Analyst  
Newfield Production Company

CONFIDENTIAL

### Typical 5M BOP stack configuration



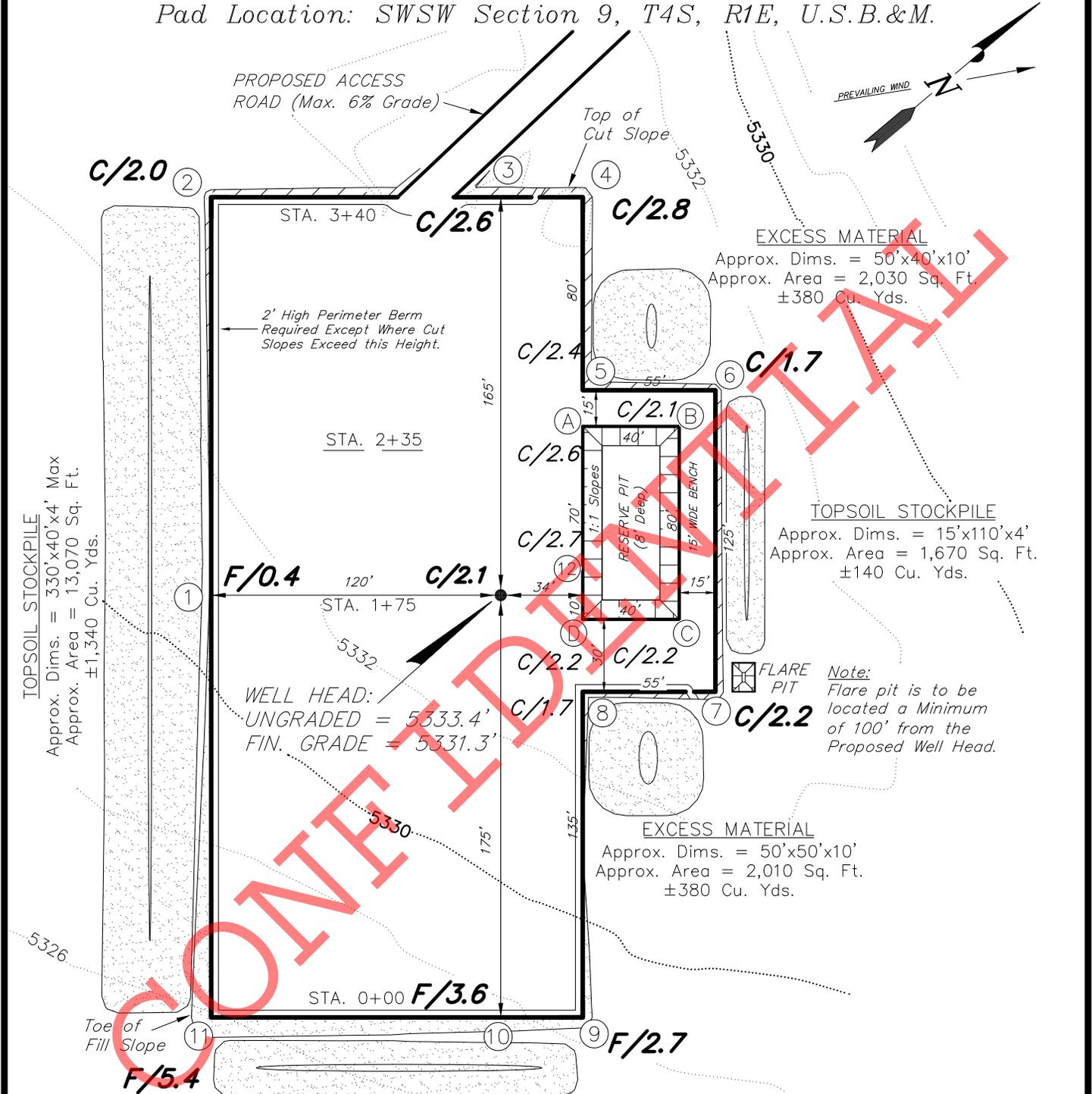
5M CHOKES MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

# NEWFIELD EXPLORATION COMPANY

## PROPOSED LOCATION LAYOUT

13-9-4-1E

Pad Location: SWSW Section 9, T4S, R1E, U.S.B.&M.



Note:  
Topsoil to be Stripped From All  
New Construction Areas and  
Proposed Stock Pile Locations

NOTE:  
The topsoil & excess material areas are calculated as being  
mounds containing 2590 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.

TOPSOIL STOCKPILE  
Approx. Dims. = 150'x20'x4' Max  
Approx. Area = 3,330 Sq. Ft.  
±350 Cu. Yds.

### REFERENCE POINTS

- 225' SOUTHEAST - 5325.9'
- 275' SOUTHEAST - 5324.1'
- 170' SOUTHWEST - 5323.0'
- 220' SOUTHWEST - 5329.2'

SURVEYED BY: K.S.	DATE SURVEYED: 03-14-11	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 05-03-11	V1
SCALE: 1" = 60'	REVISED:	

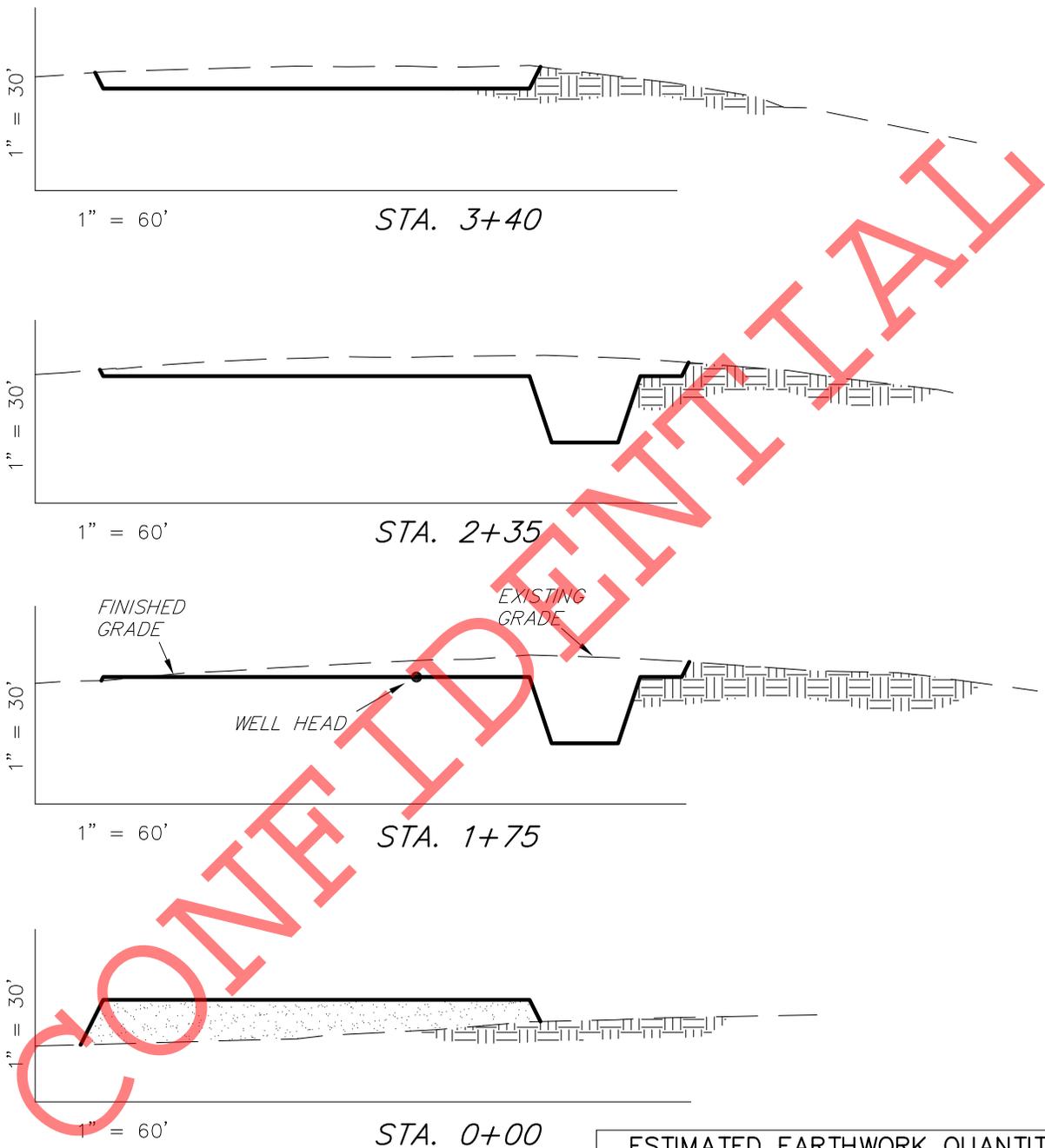
**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD EXPLORATION COMPANY

## CROSS SECTIONS

**13-9-4-1E**

*Pad Location: SWSW Section 9, T4S, R1E, 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	2,120	2,120	Topsoil is not included in Pad Cut Volume	0
PIT	690	0		690
<b>TOTALS</b>	<b>2,810</b>	<b>2,120</b>	<b>1,660</b>	<b>690</b>

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

SURVEYED BY: K.S.	DATE SURVEYED: 03-14-11	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 05-03-11	V1
SCALE: 1" = 60'	REVISED:	

**Tri State**  
 Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

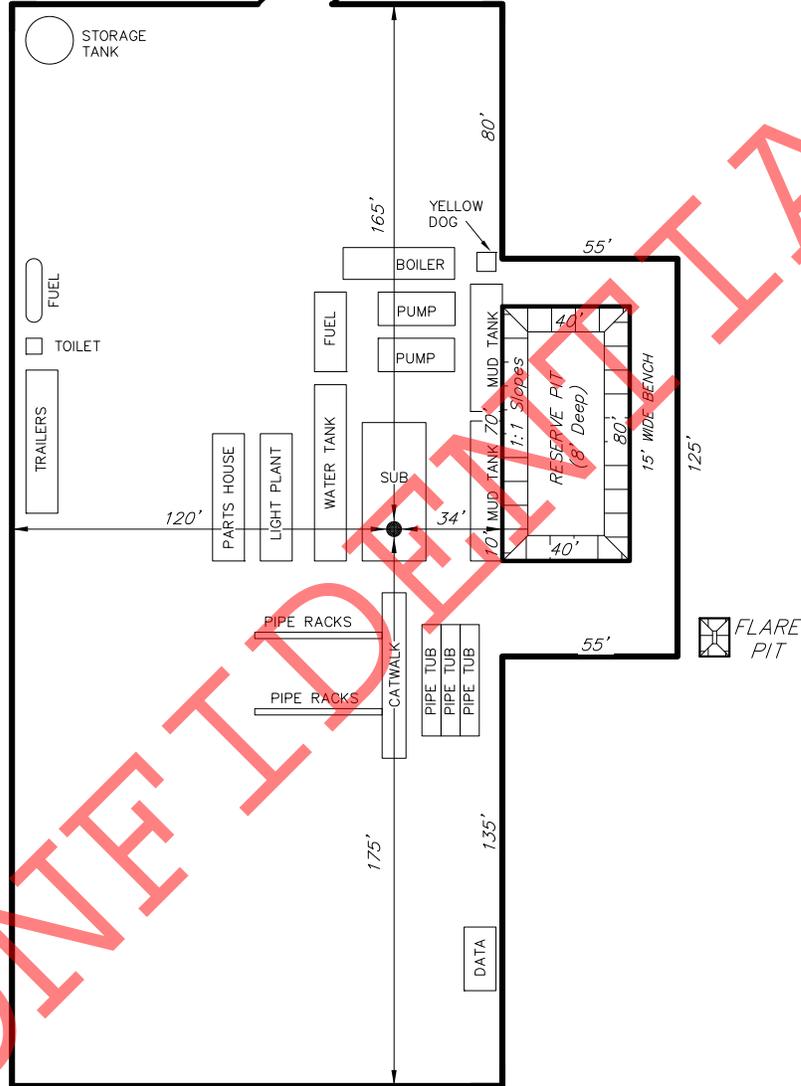
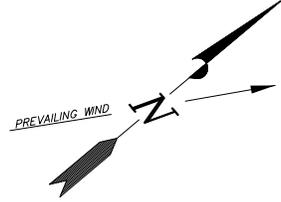
# NEWFIELD EXPLORATION COMPANY

## TYPICAL RIG LAYOUT

13-9-4-1E

Pad Location: SWSW Section 9, T4S, R1E, U.S.B.&M.

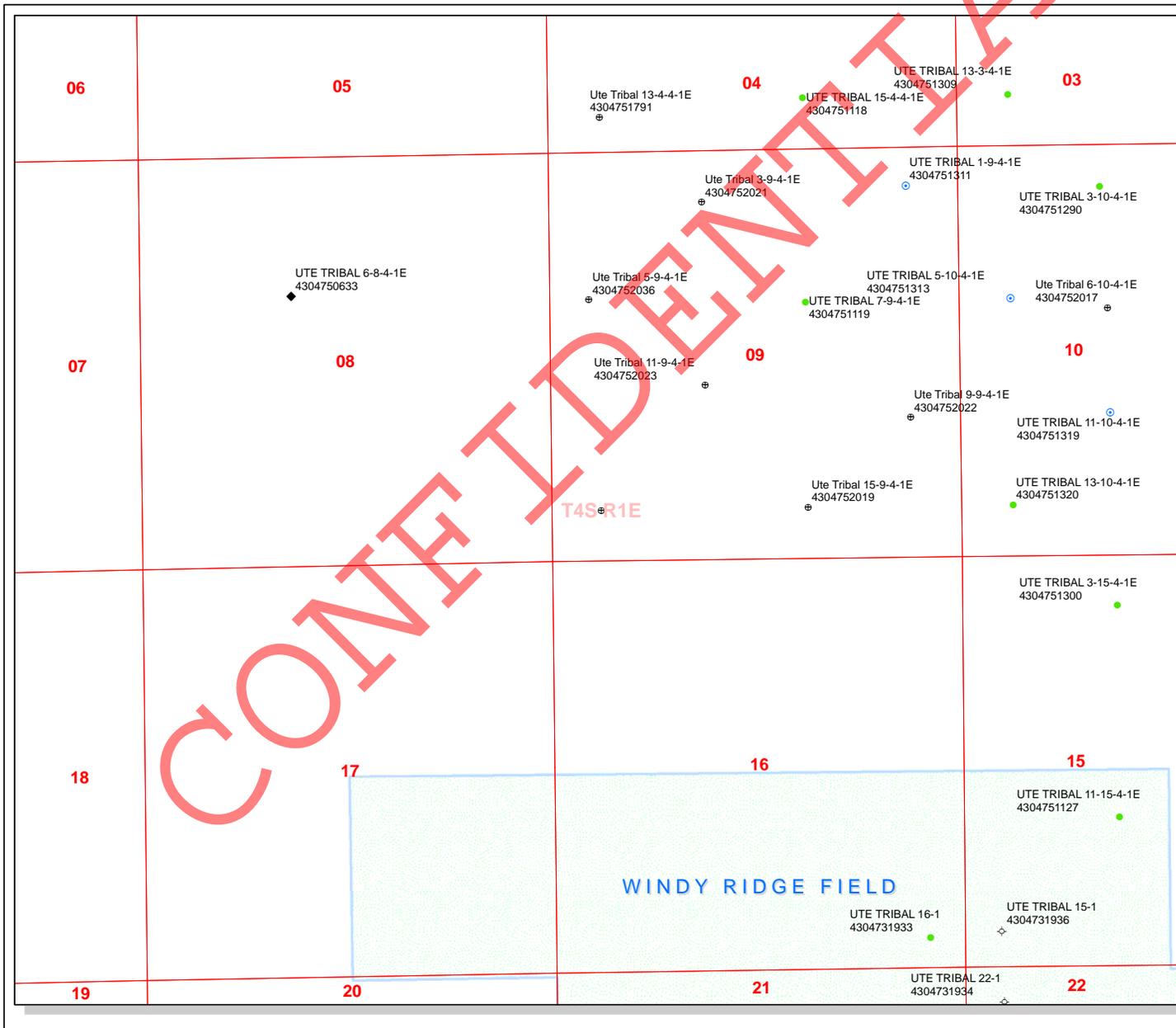
PROPOSED ACCESS ROAD (Max. 6% Grade)



Note:  
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

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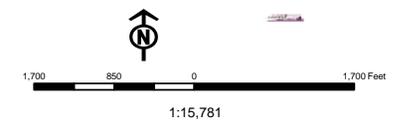
SURVEYED BY: K.S.	DATE SURVEYED: 03-14-11	VERSION:	V1	<p>Tri State Land Surveying, Inc. (435) 781-2501 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>
DRAWN BY: M.W.	DATE DRAWN: 05-03-11			
SCALE: 1" = 60'	REVISED:			



**API Number: 4304752038**  
**Well Name: Ute Tribal 13-9-4-1E**  
 Township T0.4 . Range R0.1 . Section 09  
**Meridian: UBM**  
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
 Map Produced by Diana Mason

- |               |                                    |
|---------------|------------------------------------|
| <b>Units</b>  | <b>Wells Query</b>                 |
| <b>STATUS</b> | <b>Status</b>                      |
| 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                 |
| <b>Fields</b> | <b>Status</b>                      |
| Unknown       | SGW - Shut-in Gas Well             |
| ABANDONED     | SOW - Shut-in Oil Well             |
| ACTIVE        | TA - Temp. Abandoned               |
| COMBINED      | TW - Test Well                     |
| INACTIVE      | WDW - Water Disposal               |
| STORAGE       | WIIW - Water Injection Well        |
| TERMINATED    | WSW - Water Supply Well            |





Erosion Sedimentation Control Required? N

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

Reserve Pit

## Site-Specific Factors

## Site Ranking

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

## Characteristics / Requirements

Dugout earthen (80' x 40' x 8') outside of pad dimensions.

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

Other Observations / CommentsMark Jones  
Evaluator10/12/2011  
Date / Time

# Application for Permit to Drill Statement of Basis

1/23/2012

## Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
4729	43047520380000	LOCKED	OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>	Coleman Brothers LTD	
<b>Well Name</b>	Ute Tribal 13-9-4-1E		<b>Unit</b>		
<b>Field</b>	UNDESIGNATED		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSW 9 4S 1E U 656 FSL 632 FWL GPS Coord (UTM) 594128E 4444335N				

### Geologic Statement of Basis

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

Brad Hill  
**APD Evaluator**

1/18/2012  
**Date / Time**

### Surface Statement of Basis

This location is proposed approximately 11 road miles southwest of Randlett, Utah in the Leland Bench area of Uintah County. The surrounding topography is mostly flat. The site is characterized by sneedle and thread, broom snake weed, winter fat, buckweed, and macantra. The landowner was invited and was in attendance for the pre-site inspection. 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.

Mark Jones  
**Onsite Evaluator**

10/12/2011  
**Date / Time**

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

<b>Category</b>	<b>Condition</b>
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: 9/30/2011

API NO. ASSIGNED: 43047520380000

WELL NAME: Ute Tribal 13-9-4-1E

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWSW 09 040S 010E

Permit Tech Review: 

SURFACE: 0656 FSL 0632 FWL

Engineering Review: 

BOTTOM: 0656 FSL 0632 FWL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.14409

LONGITUDE: -109.89496

UTM SURF EASTINGS: 594128.00

NORTHINGS: 4444335.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6394

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

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

Commingle Approved

## LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason  
5 - Statement of Basis - bhll  
23 - Spacing - dmason



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Ute Tribal 13-9-4-1E  
**API Well Number:** 43047520380000  
**Lease Number:** 14-20-H62-6394  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 1/23/2012

**Issued to:**

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

**Authority:**

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. 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:**

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

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill

outlined in the Statement of Basis (copy attached).

**Notification Requirements:**

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

- Within 24 hours following the spudding of the well contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

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

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

**Approved By:**



For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>1. TYPE OF WELL</b> Oil Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6394
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 13-9-4-1E
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0656 FSL 0632 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 09 Township: 04.0S Range: 01.0E Meridian: U	<b>9. API NUMBER:</b> 43047520380000
	<b>9. FIELD and POOL or WILDCAT:</b> WINDY RIDGE
	<b>COUNTY:</b> UINTAH
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/23/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> <b>APD EXTENSION</b>
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield proposes to extend the Application for Permit to Drill.

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

Date: January 16, 2013

By: 

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/15/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047520380000**

API: 43047520380000

Well Name: UTE TRIBAL 13-9-4-1E

Location: 0656 FSL 0632 FWL QTR SWSW SEC 09 TWNP 040S RNG 010E MER U

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 1/23/2012

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

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
  
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
  
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
  
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
  
- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Mandie Crozier

Date: 1/15/2013

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6394
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 13-9-4-1E
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047520380000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>9. FIELD and POOL or WILDCAT:</b> WINDY RIDGE	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0656 FSL 0627 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 09 Township: 04.0S Range: 01.0E Meridian: U
<b>COUNTY:</b> UINTAH	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>5/20/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Change to original APD"/>

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

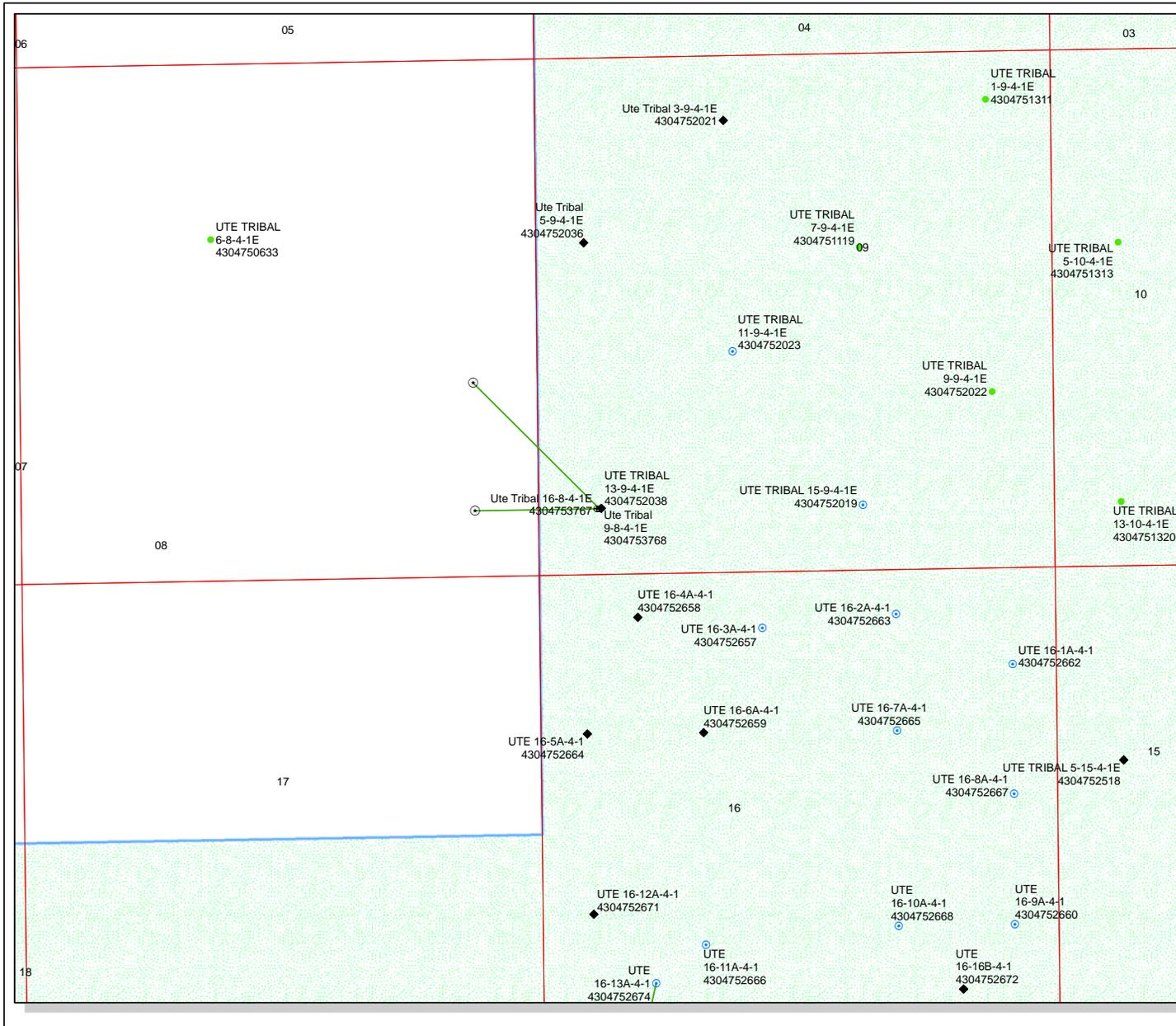
Since Submission of this APD we had to slightly move the proposed surface location to make room for 2 other wells that we have permitted off of the same well pad. The newly proposed surface footages will be 656 FSL and 627 FWL. We also have re-routed the proposed access road and proposed pipeline route. I have attached replacement pages reflecting these changes.

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

**Date:** June 05, 2013

**By:**

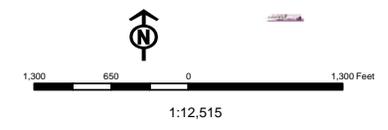
<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/20/2013	



**API Number: 4304752038**  
**Well Name: UTE TRIBAL 13-9-4-1E**  
**Township T04.0S Range R01.0E Section 09**  
**Meridian: UBM**  
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
 Map Produced by Diana Mason

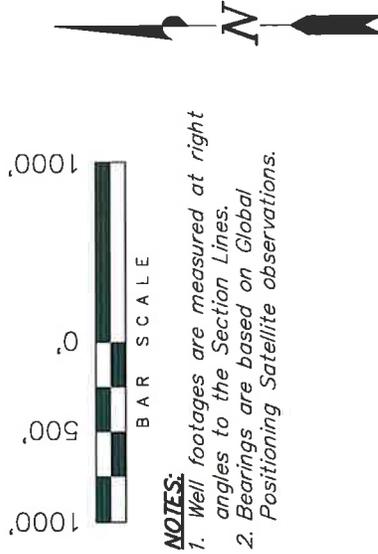
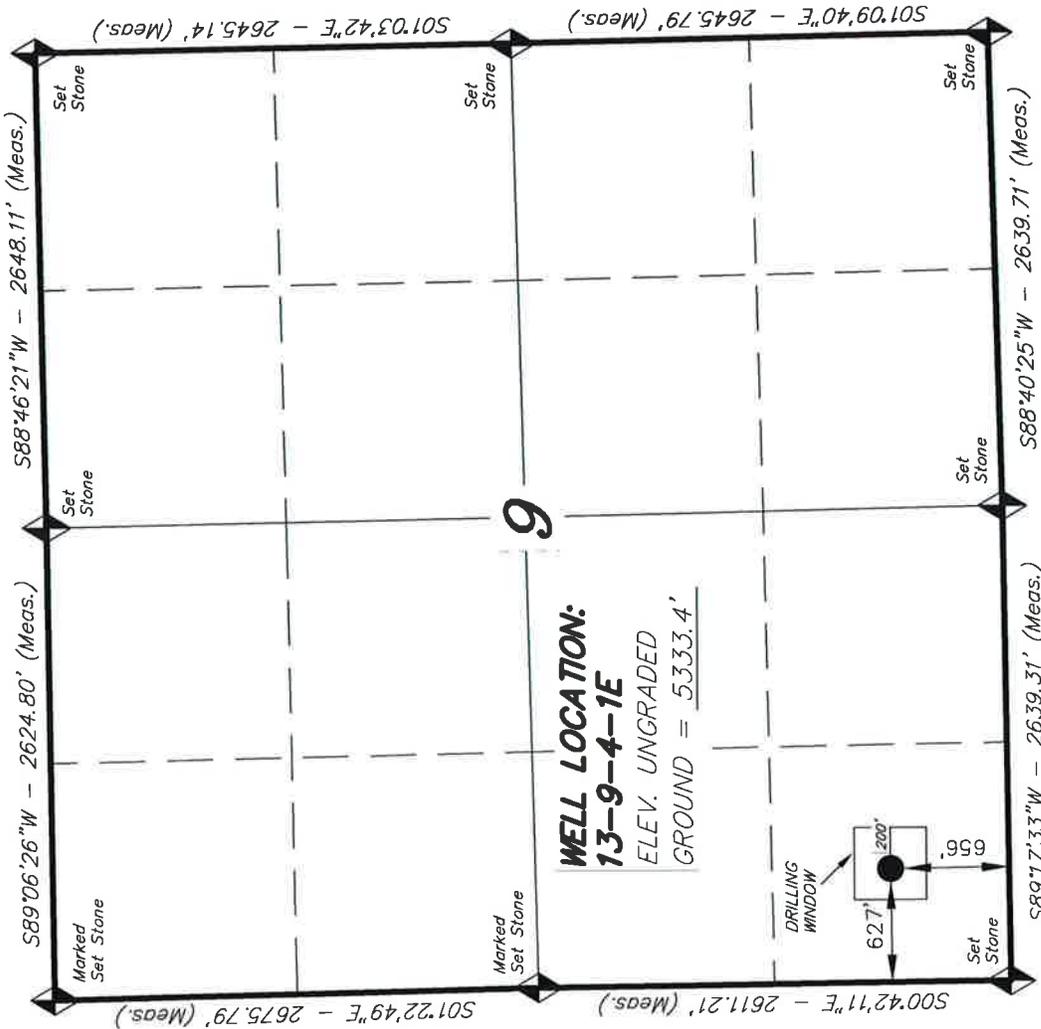
- Units STATUS**
- ACTIVE
  - EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PI OIL
  - PP GAS
  - PP GEOTHERM
  - PP OIL
  - SECONDARY
  - TERMINATED



**T4S, R1E, U.S.B.&M.**

**NEWFIELD EXPLORATION COMPANY**

WELL LOCATION, 13-9-4-1E,  
LOCATED AS SHOWN IN THE SW 1/4  
SW 1/4 OF SECTION 9, T4S, R1E,  
U.S.B.&M. Uintah 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 REPORT 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. 189377 OR 04-22-13 STACY W. REGISTERED LAND SURVEYOR REGISTRATION NO. STATE OF UTAH

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

DATE SURVEYED:	04-18-13	SURVEYED BY:	K.S.	VERSION:
DATE DRAWN:	04-27-11	DRAWN BY:	M.W.	V3
REVISED:	04-22-13 V.H.	SCALE:	1" = 1000'	

<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°08'38.75"
LONGITUDE = 109°53'41.94"
<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°08'38.89"
LONGITUDE = 109°53'39.42"

◆ = 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'

**NEWFIELD PRODUCTION COMPANY  
UTE TRIBAL 13-9-4-1E  
SW/SW SECTION 9, T4S, R1E  
UINTAH COUNTY, UTAH**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

The onsite inspection for the proposed well pad has already taken place with Sheri Wysong of the Bureau of Land Management, Vernal Field Office. This will be a new pad with one proposed vertical well and two proposed directional wells.

**1. EXISTING ROADS**

- a) To reach Newfield Production Company well location site Ute Tribal 13-9-4-1E, proceed in a westerly direction out of Randlett, approximately 2.7 miles to it's junction with an existing road to the south; proceed in a southerly direction approximately 6.6 miles to it's junction with road to the west; proceed in a westerly direction approximately 1.3 miles to it's junction with the beginning of the proposed access road to the west; proceed in a southwesterly direction along the proposed access road approximately 2631' to the proposed well location.
- b) The proposed location is approximately 11.1 miles southwest of Randlett, Utah
- c) Existing native surface roads in the area range from clays to a sandy-clay shale material.
- d) Access roads will be maintained at the standards required by UDOT, Duchesne County or other controlling agencies. This maintenance will consist of some minor grader work for road surfacing and snow removal. Any necessary fill material for repair will be purchased and hauled from private sources.

**2. PLANNED ACCESS ROAD**

- a) Approximately 2631 feet of access road trending southwest is planned. The planned access consists of entirely new disturbance across entirely private surface. See attached Topographic Map "B".
- b) The planned access road will consist of a 20-foot permanent running surface crowned and ditched in order to handle any run-off from any precipitation events. The maximum grade will be 10% or less.
- c) Adequate drainage structures, where necessary, would be incorporated into the construction of the access road to prevent soil erosion and accommodate all-weather traffic.

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

**3. LOCATION OF EXISTING WELLS**

- a) Refer to Topographic Map "D".

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

- a) There are no existing facilities that will be utilized.
- b) It is anticipated that this well will be a producing oil well with some associated natural gas.

- c) Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.
- d) Tank batteries will be built to Federal Gold Book specifications.
- e) All permanent above-ground structures would be painted a flat, non-reflective covert green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation (weather permitting). Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- f) Newfield Production Company proposes 2570' of proposed gas pipeline and 2597' of proposed buried water line. The proposed pipeline corridor is across entirely Fee surface connecting existing pipeline corridor on Fee surface. See attached Topographic Map "C".
- g) Where parallel corridors exist the disturbed area will be 60 feet wide to allow for construction of the proposed access road and pipeline corridor. The pipeline corridor will consist of a 12-inch or smaller natural gas pipeline, a 6-inch or smaller fuel gas line and an 8-inch or smaller produced water pipeline.
- h) The pipelines will tie in to the existing Newfield pipeline infrastructure. The proposed pipelines will be buried 4-feet deep or greater in a trench constructed with a trencher, trackhoe or backhoe for the length of the proposal. The construction phase of the planned access road, proposed pipelines will last approximately (10) days.
- i) The centerline of the proposed route will be staked prior to installation. Pipelines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated.
- j) Lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country, travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet to adequately support the equipment.

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

- a) Newfield Production will transport water by truck from nearest water source. The available water sources are as follows:
  - Johnson Water District (Water Right : 43-7478)
  - Maurice Harvey Pond (Water Right: 47-1358)
  - Neil Moon Pond (Water Right: 43-11787)
  - Newfield Collector Well (Water Right: 47-1817 - A30414DVA, contracted with the Duchesne County Conservancy District).

6. **SOURCE OF CONSTRUCTION MATERIALS**

- a) Construction material for this access road will be borrowed material accumulated during construction of the access road. If any additional borrow or gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

- a) A small pit (80 feet x 120 feet x 8 feet deep, or less) will be constructed inboard of the pad area. The pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM.
- b) The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times.
- c) A portable toilet will be provided for human waste.
- d) A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.
- e) After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.
- f) All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

- a) See attached Location Layout Sheet.

**Fencing Requirements**

- a) All pits will be fenced or have panels installed consistent with the following minimum standards:

1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
  2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
  3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- b) The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

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

- a) Producing Location
1. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.
  2. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting; the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.
- b) Dry Hole Abandoned Location
1. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP**

- a) Coleman Brothers LTD.

**12. OTHER ADDITIONAL INFORMATION**

- a) The Archaeological Resource Survey for this area is attached. State of Utah Antiquities Project Permit # U-13-MQ-0351p 5/16/13. See attached report cover page, Exhibit "D". Newfield would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On federal administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

**Location and Reserve Pit Reclamation**

Please refer to the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

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

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-9-4-1E, Section 9, Township 4S, Range 1E: 14-20-H62-6394, Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Nationwide Bond #RLB0010462.

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

5/20/13  
Date

  
Mandie Crozier  
Regulatory Analyst  
Newfield Production Company

# NEWFIELD EXPLORATION COMPANY

## WELL PAD INTERFERENCE PLAT

13-9-4-1E

9-8-4-1E

16-8-4-1E

Pad Location: SWSW Section 9, T4S, R1E, U.S.B.&M.

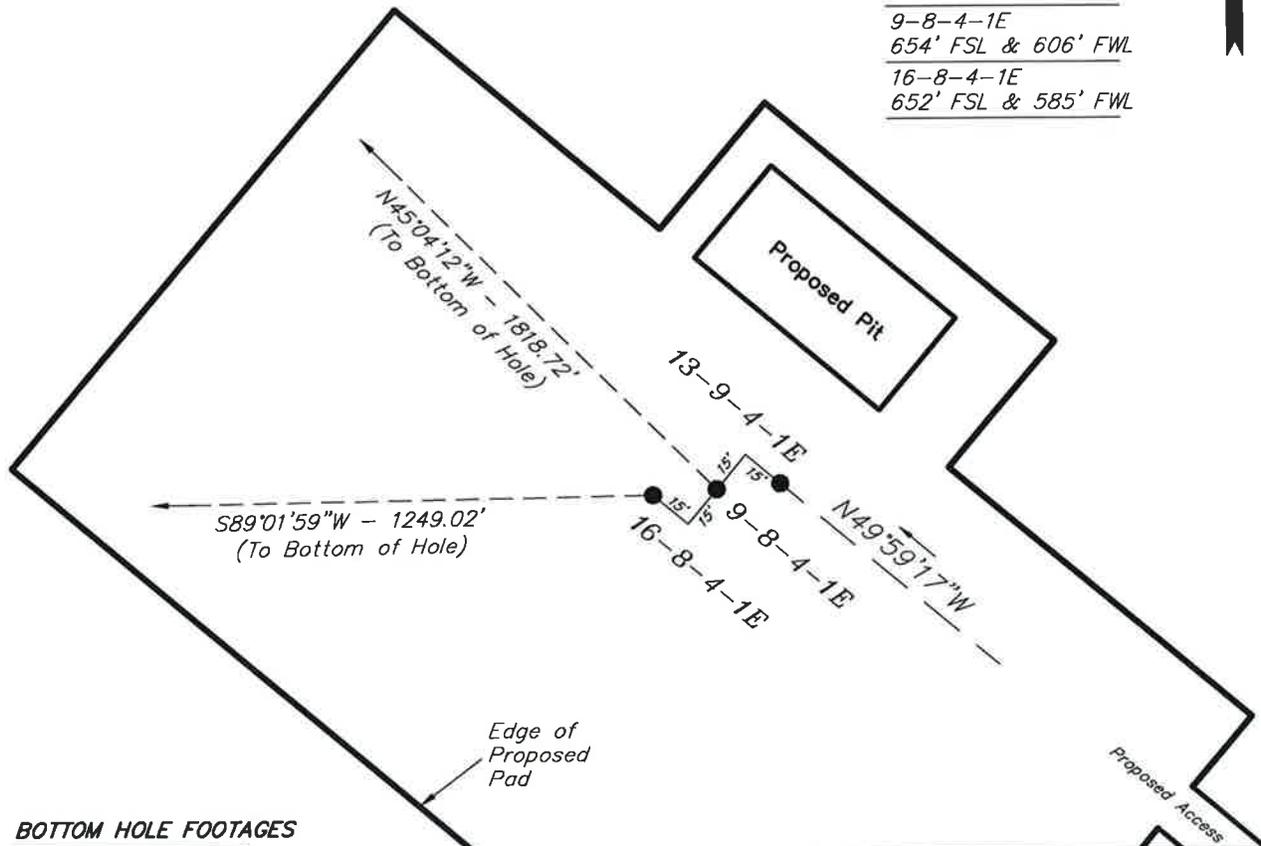
Existing 2-Track Road

### TOP HOLE FOOTAGES

13-9-4-1E  
656' FSL & 627' FWL

9-8-4-1E  
654' FSL & 606' FWL

16-8-4-1E  
652' FSL & 585' FWL



### BOTTOM HOLE FOOTAGES

9-8-4-1E  
1961' FSL & 666' FEL

16-8-4-1E  
654' FSL & 664' FEL

### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
13-9-4-1E	40° 08' 38.75"	109° 53' 41.94"
9-8-4-1E	40° 08' 38.73"	109° 53' 42.21"
16-8-4-1E	40° 08' 38.72"	109° 53' 42.49"

### Note:

Bearings are based on GPS Observations.

### RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
9-8-4-1E	1,284'	-1,288'
16-8-4-1E	-21'	-1,249'

### LATITUDE & LONGITUDE Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
9-8-4-1E	40° 08' 51.65"	109° 53' 58.49"
16-8-4-1E	40° 08' 38.73"	109° 53' 58.56"

SURVEYED BY: S.H.	DATE SURVEYED: 03-19-13	VERSION:
DRAWN BY: V.H.	DATE DRAWN: 04-01-13	V3
SCALE: 1" = 60'	REVISED: V.H. 04-22-13	

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

# NEWFIELD EXPLORATION COMPANY

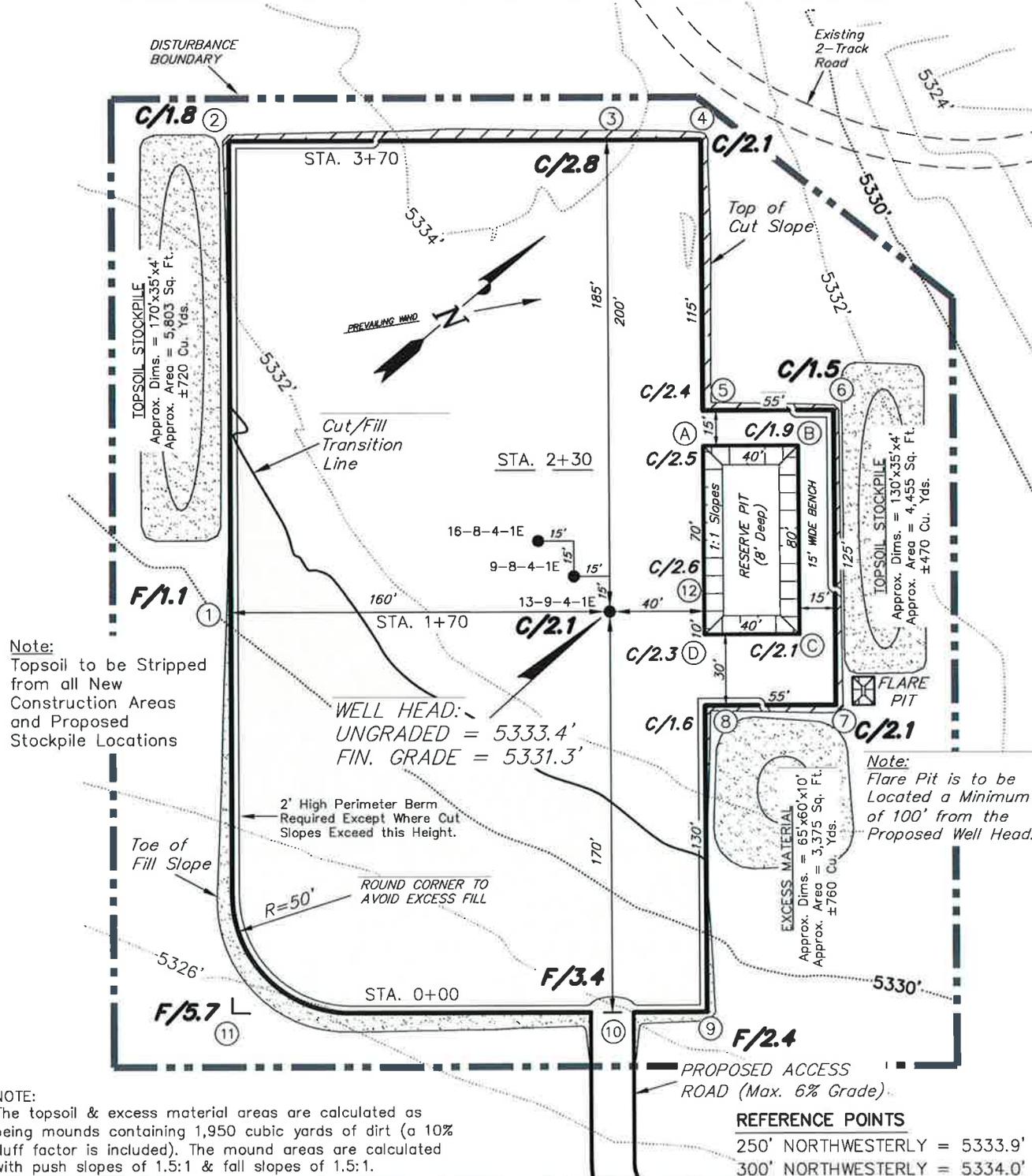
## PROPOSED LOCATION LAYOUT

13-9-4-1E

9-8-4-1E

16-8-4-1E

Pad Location: SWSW Section 9, T4S, R1E, U.S.B.&M.



Note:  
Topsoil to be Stripped  
from all New  
Construction Areas  
and Proposed  
Stockpile Locations

Note:  
Flare Pit is to be  
Located a Minimum  
of 100' from the  
Proposed Well Head.

NOTE:  
The topsoil & excess material areas are calculated as  
being mounds containing 1,950 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.

REFERENCE POINTS  
250' NORTHWESTERLY = 5333.9'  
300' NORTHWESTERLY = 5334.0'

SURVEYED BY: K.S.	DATE SURVEYED: 04-18-13	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 04-27-11	V3
SCALE: 1" = 60'	REVISED: V.H. 04-22-13	

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# NEWFIELD EXPLORATION COMPANY

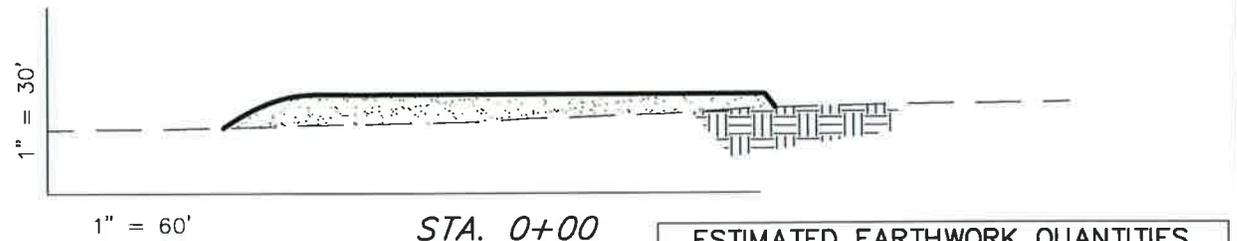
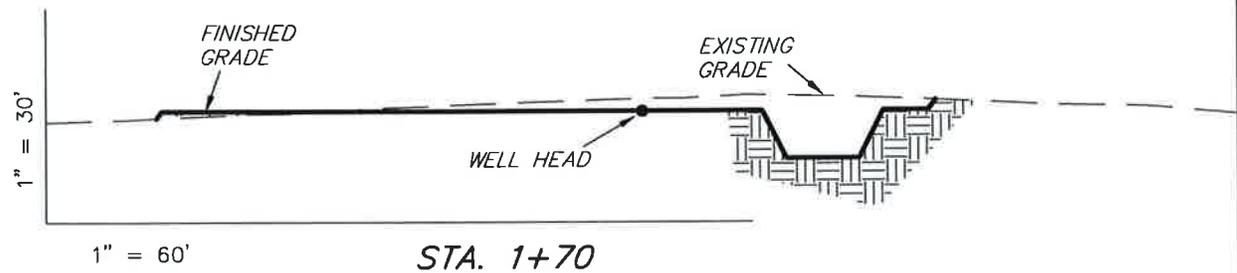
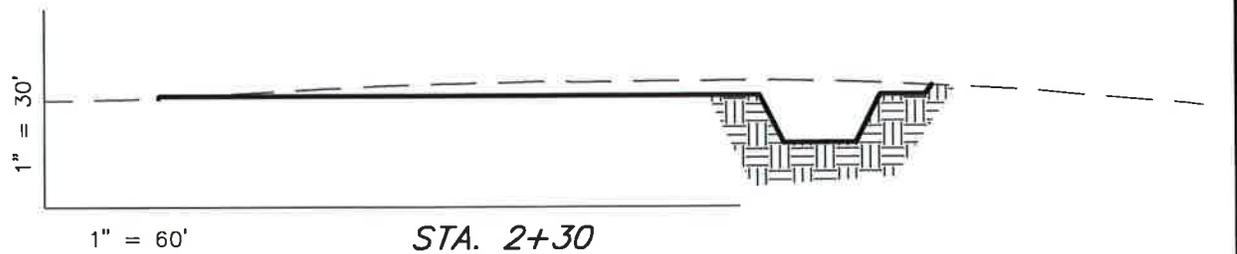
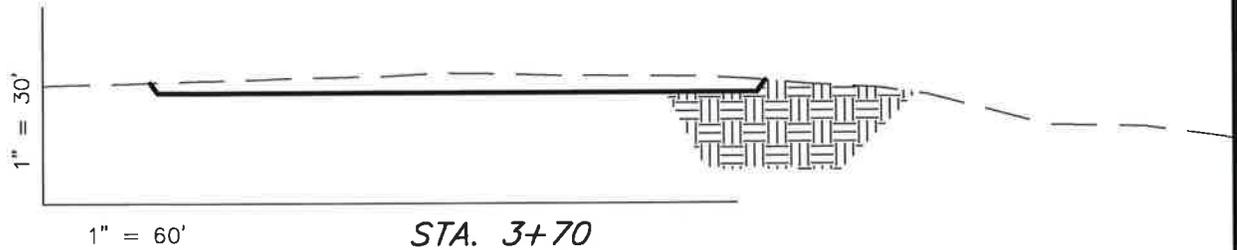
## CROSS SECTIONS

**13-9-4-1E**

**9-8-4-1E**

**16-8-4-1E**

*Pad Location: SWSW Section 9, T4S, R1E, 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	2,850	2,850	Topsoil is not included in Pad Cut Volume	0
PIT	690	0		690
<b>TOTALS</b>	<b>3,540</b>	<b>2,850</b>	<b>1,080</b>	<b>690</b>

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

SURVEYED BY: K.S.	DATE SURVEYED: 04-18-13	VERSION:	<b>V3</b>
DRAWN BY: M.W.	DATE DRAWN: 04-27-11		
SCALE: 1" = 60'	REVISED: V.H. 04-22-13		

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# NEWFIELD EXPLORATION COMPANY

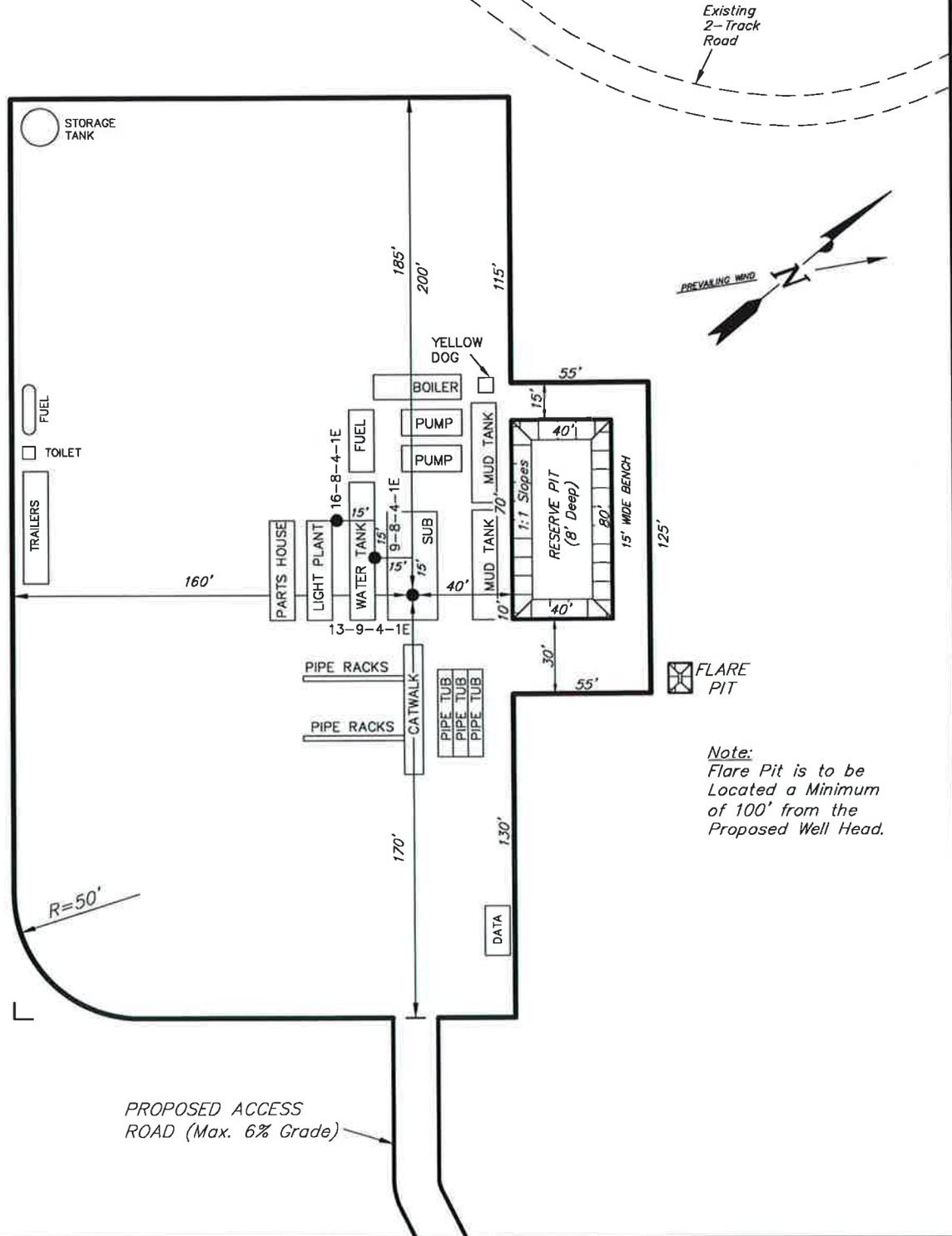
## TYPICAL RIG LAYOUT

13-9-4-1E

9-8-4-1E

16-8-4-1E

Pad Location: SWSW Section 9, T4S, R1E, U.S.B.&M.



*Note:*  
Flare Pit is to be  
Located a Minimum  
of 100' from the  
Proposed Well Head.

SURVEYED BY: K.S.	DATE SURVEYED: 04-18-13	VERSION:	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>
DRAWN BY: M.W.	DATE DRAWN: 04-27-11	V3	
SCALE: 1" = 60'	REVISED: V.H. 04-22-13		

(435) 781-2501

# NEWFIELD EXPLORATION COMPANY

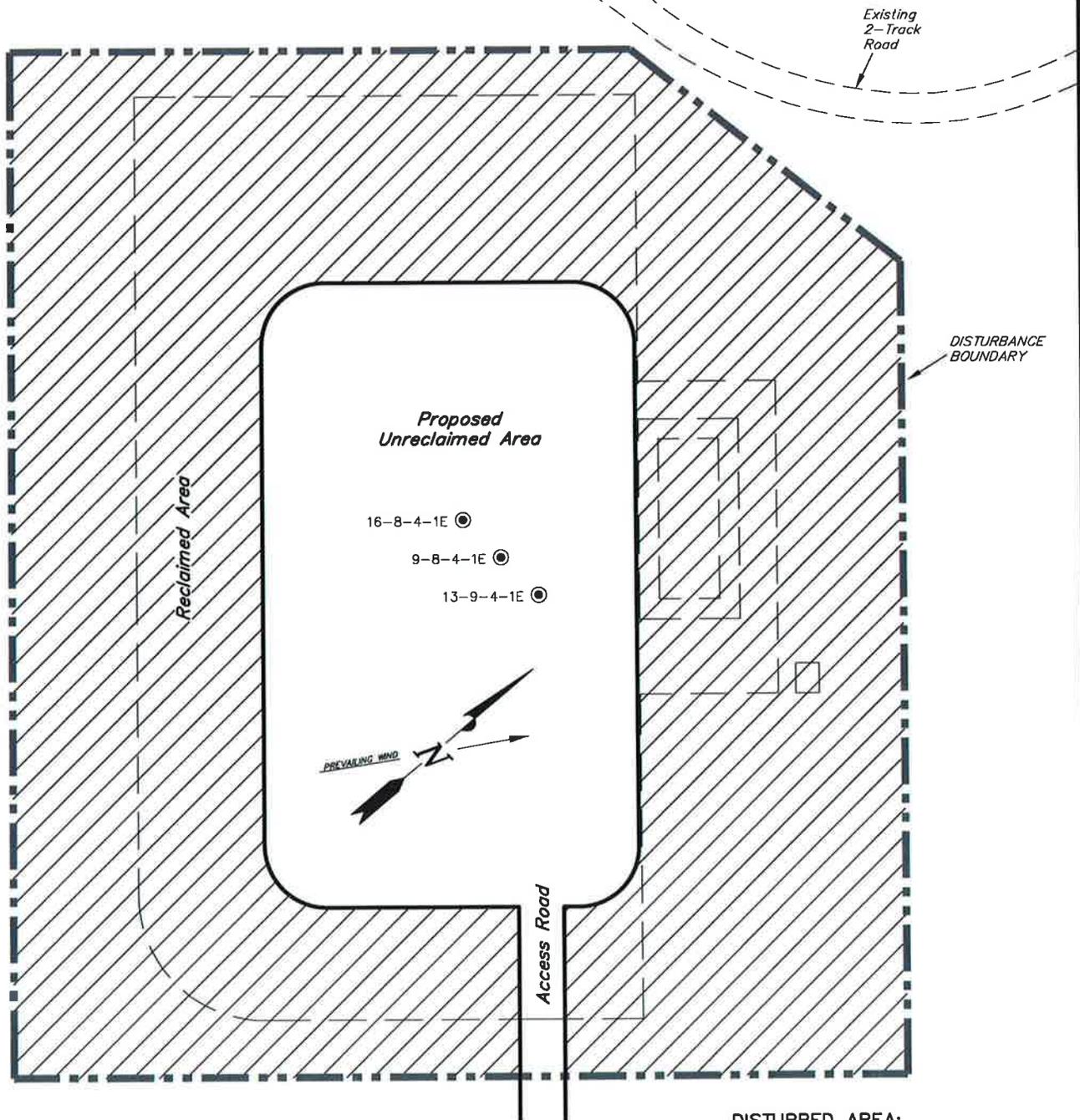
## RECLAMATION LAYOUT

13-9-4-1E

9-8-4-1E

16-8-4-1E

Pad Location: SWSW Section 9, T4S, R1E, U.S.B.&M.



**Notes:**

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

**DISTURBED AREA:**

TOTAL DISTURBED AREA = ±3.24 ACRES  
 TOTAL RECLAIMED AREA = ±2.37 ACRES  
 UNRECLAIMED AREA = ±0.87 ACRES

SURVEYED BY: K.S.	DATE SURVEYED: 04-18-13	VERSION: V3
DRAWN BY: V.H.	DATE DRAWN: 04-01-13	
SCALE: 1" = 60'	REVISED: V.H. 04-22-13	

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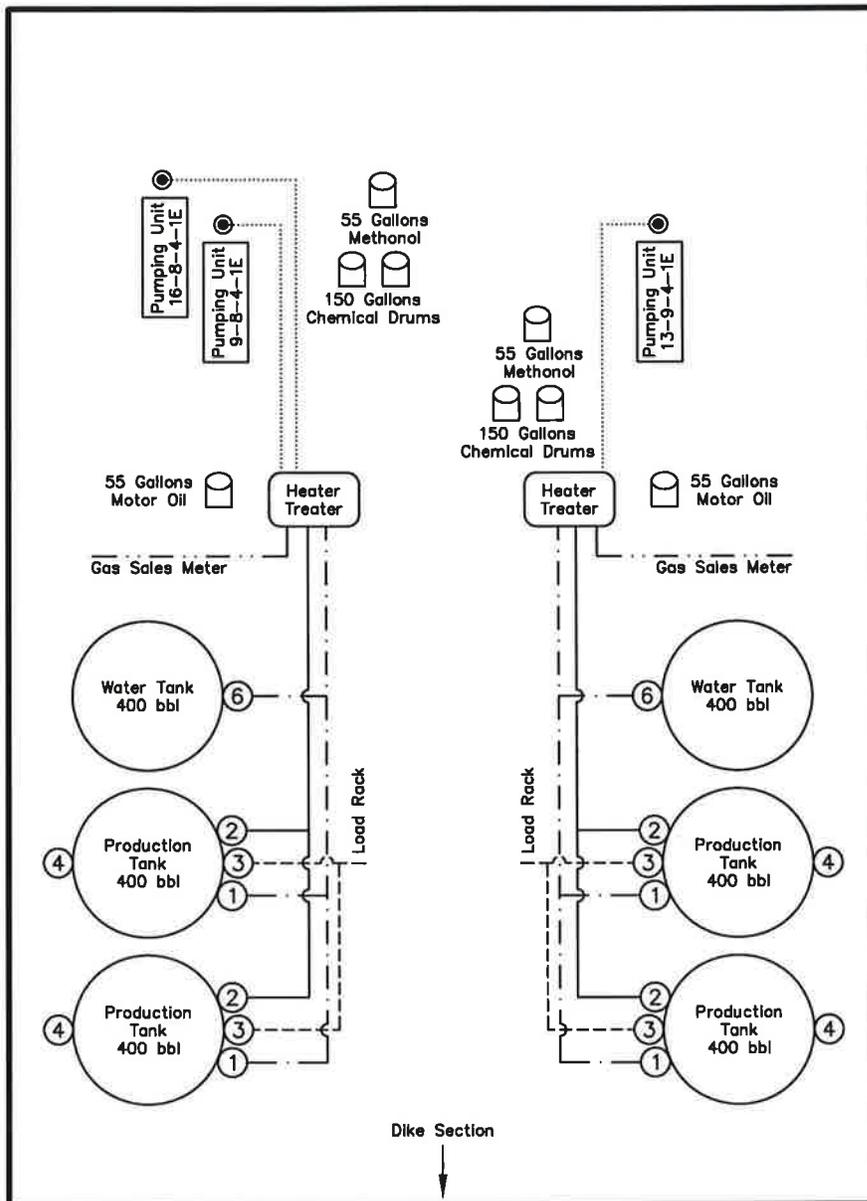
## PROPOSED SITE FACILITY DIAGRAM

**13-9-4-1E** 14-20-H62-6394

9-8-4-1E EDA-20G0005609

16-8-4-1E EDA-20G0005609

Pad Location: SWSW Section 9, T4S, R1E, U.S.B.&M.  
 Uintah County, Utah



### Legend

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

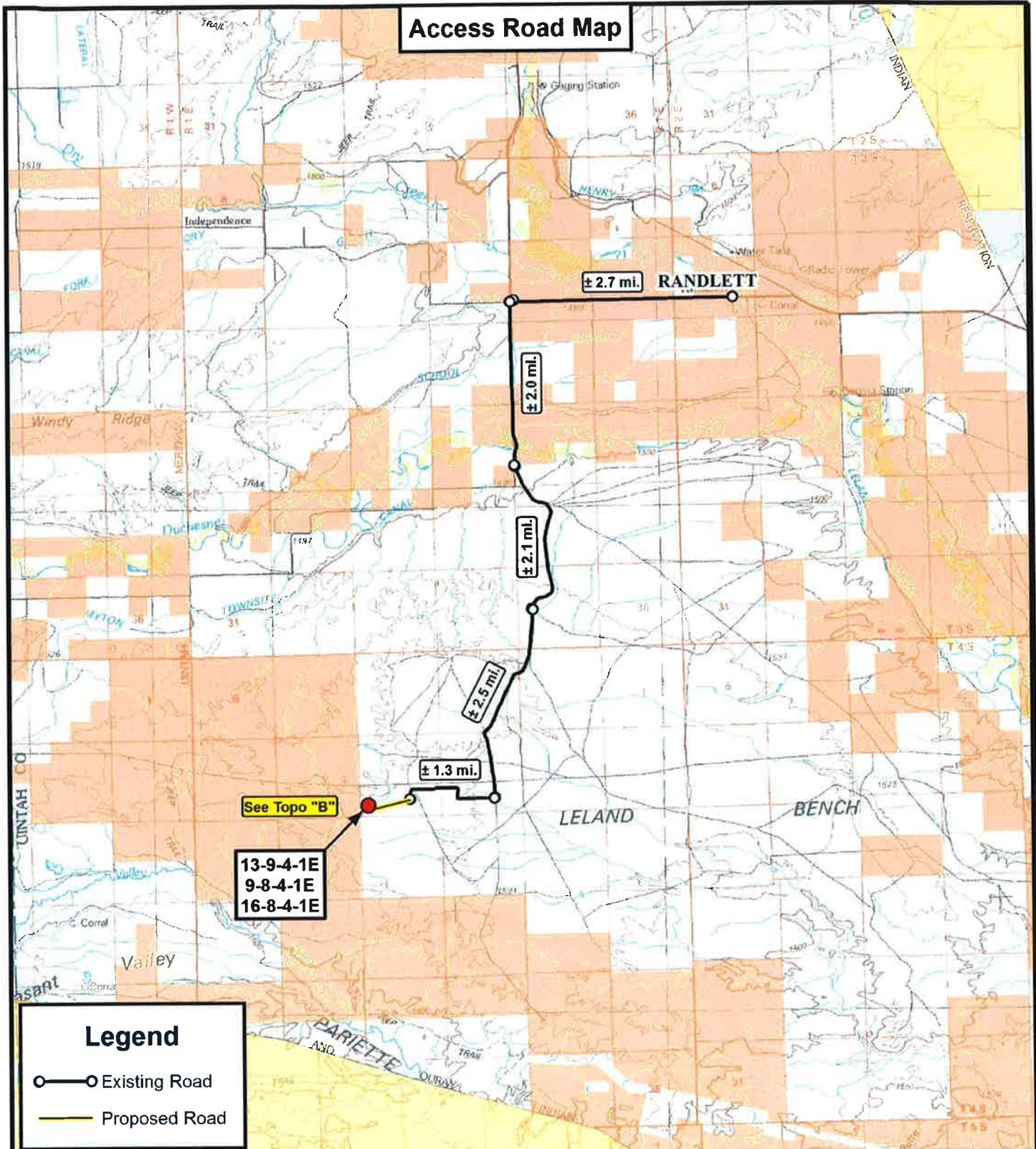
NOT TO SCALE

SURVEYED BY: K.S.	DATE SURVEYED: 04-18-13	VERSION:	V3
DRAWN BY: V.H.	DATE DRAWN: 04-01-13		
SCALE: NONE	REVISED: F.T.M. 05-15-13		

**Tri State**  
*Land Surveying, Inc.*

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501



**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

DRAWN BY:	C.H.M.	REVISED:	04-22-13 A.P.C.	VERSION:
DATE:	06-07-2011			<b>V3</b>
SCALE:	1:100,000			



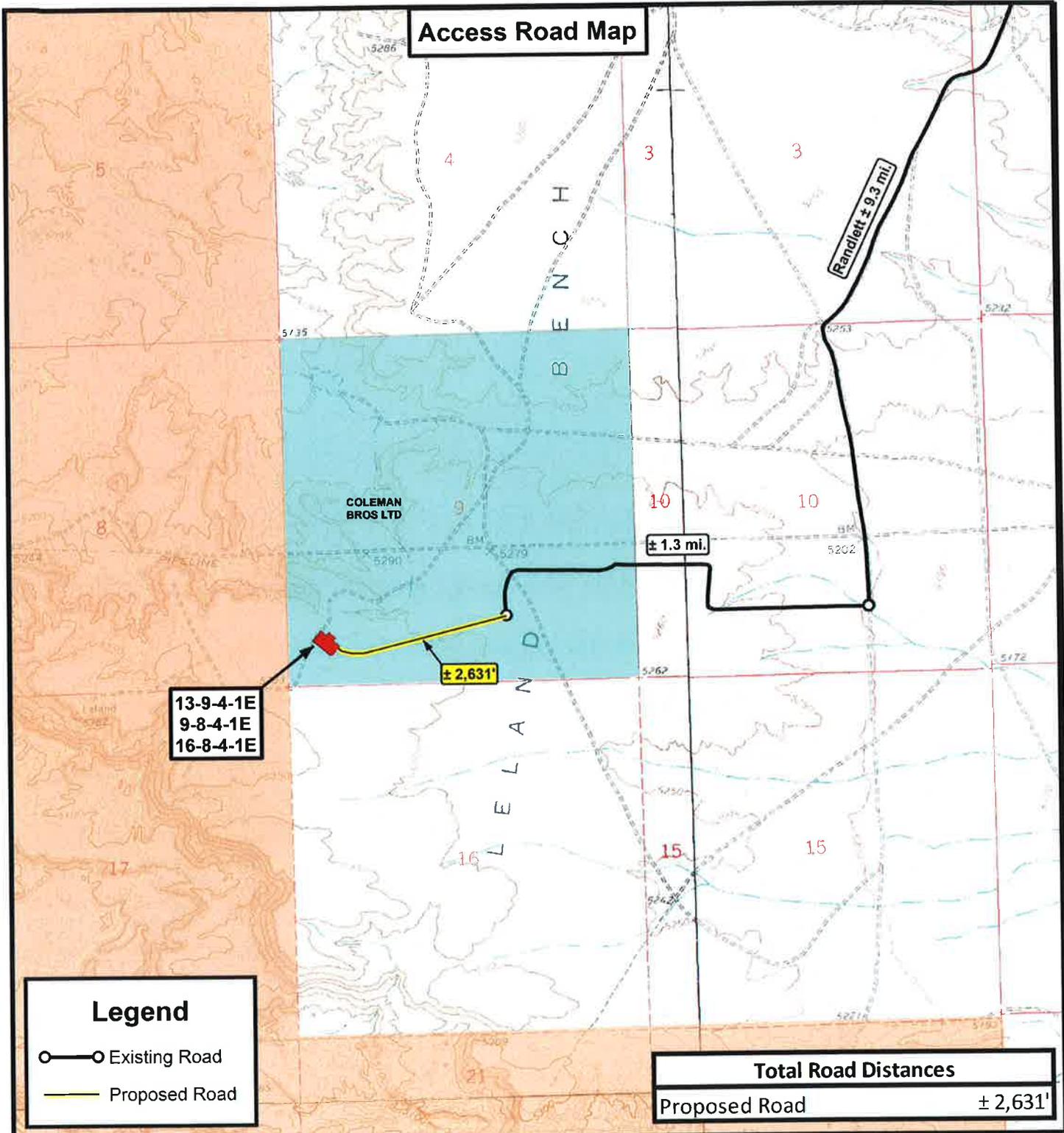
**NEWFIELD EXPLORATION COMPANY**

13-9-4-1E  
 9-8-4-1E  
 16-8-4-1E

SEC. 9, T4S, R1E, U.S.B.&M. Uintah County, UT.

**TOPOGRAPHIC MAP**

SHEET **A**



**Legend**

- Existing Road
- Proposed Road

Total Road Distances	
Proposed Road	± 2,631'

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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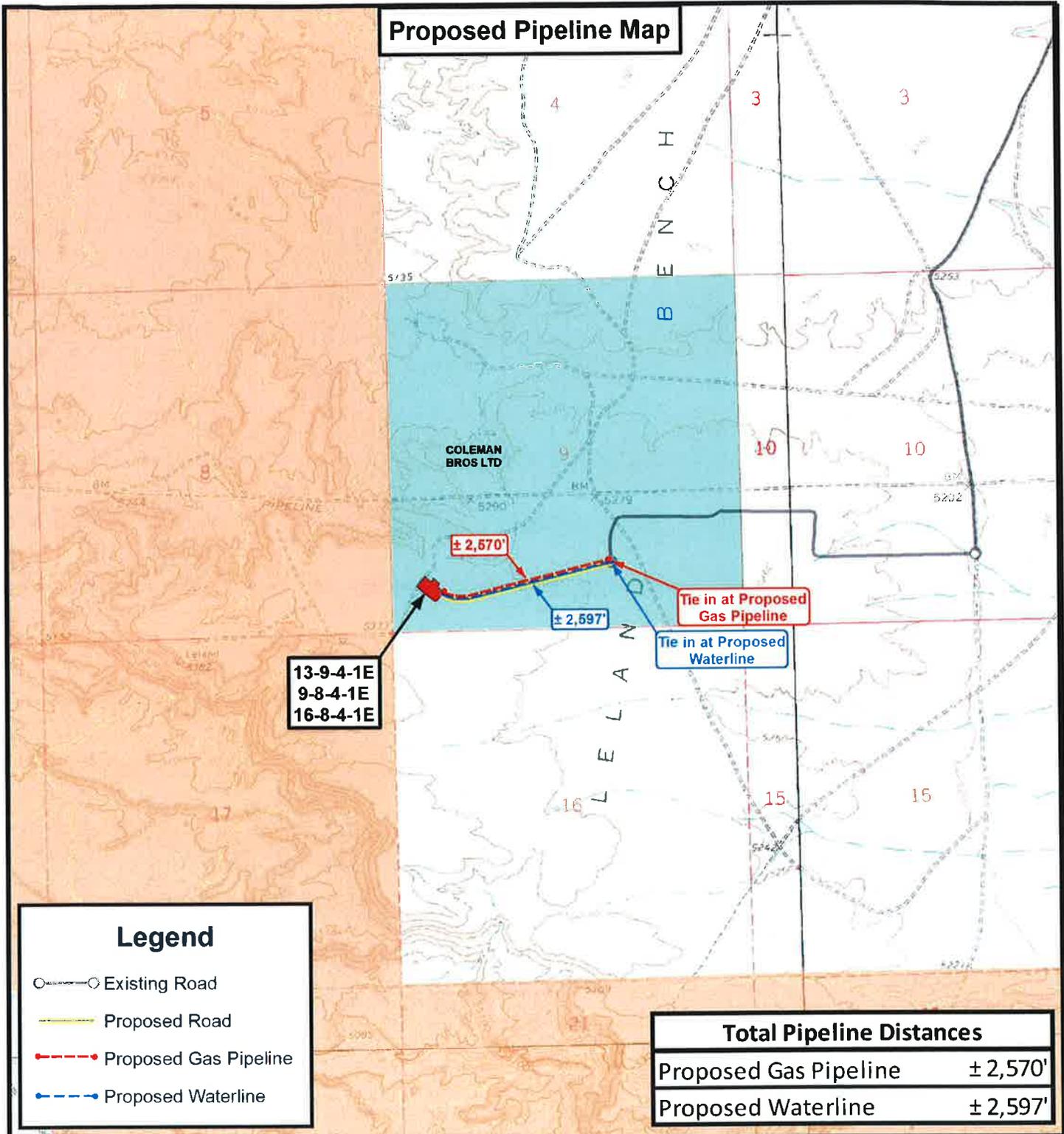
**NEWFIELD EXPLORATION COMPANY**

13-9-4-1E  
9-8-4-1E  
16-8-4-1E

SEC. 9, T4S, R1E, U.S.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED:	04-22-13 A.P.C.	VERSION:	
DATE:	06-07-2011			<b>V3</b>	
SCALE:	1" = 2,000'				

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



**Legend**

- Existing Road
- Proposed Road
- - - Proposed Gas Pipeline
- - - Proposed Waterline

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

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**NEWFIELD EXPLORATION COMPANY**

13-9-4-1E  
9-8-4-1E  
16-8-4-1E

SEC. 9, T4S, R1E, U.S.B.&M. Uintah County, UT.

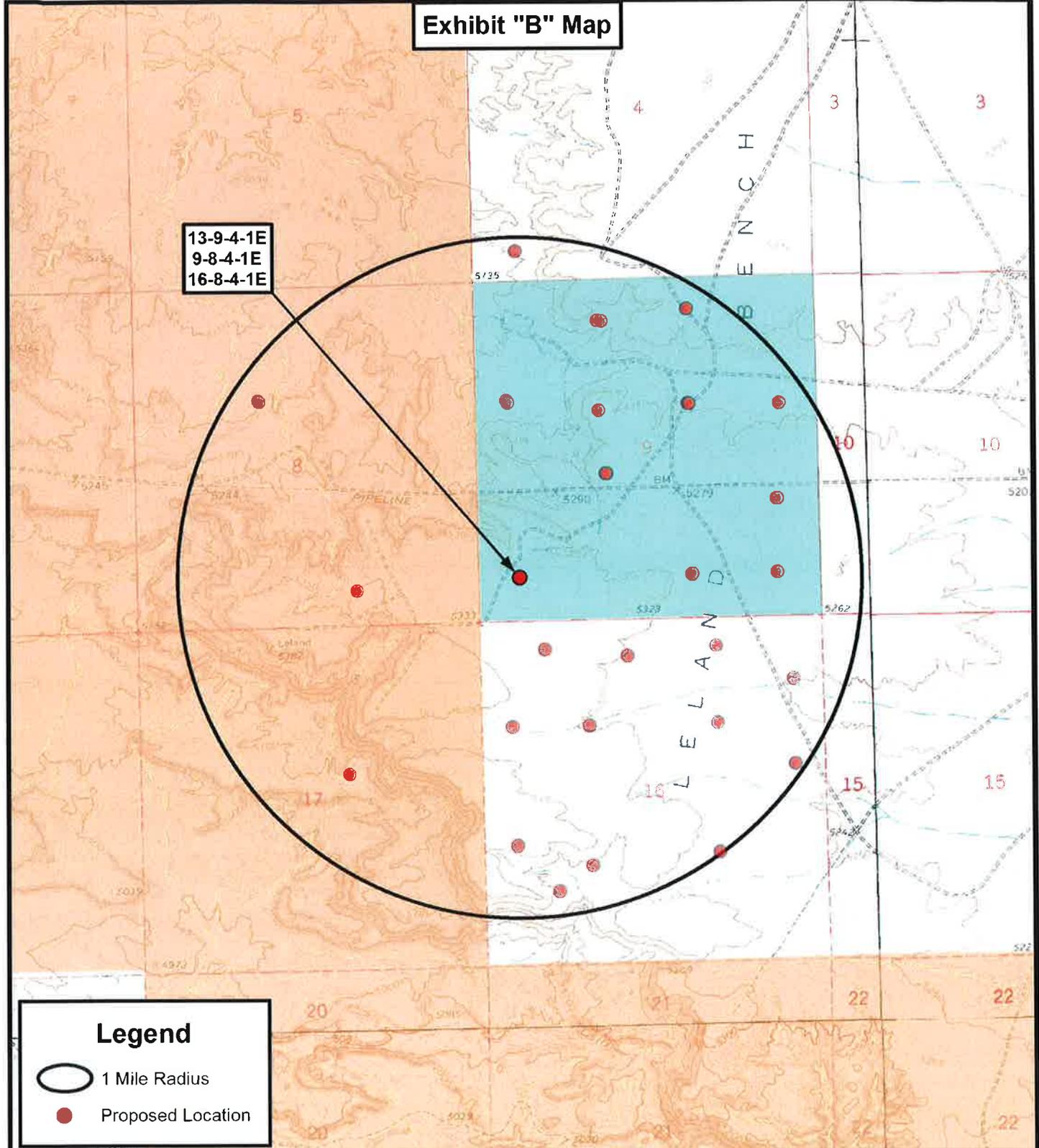
DRAWN BY:	C.H.M.	REVISED:	04-22-13 A.P.C.	VERSION:
DATE:	06-07-2011			<b>V3</b>
SCALE:	1" = 2,000'			

**TOPOGRAPHIC MAP**

SHEET **C**

**Exhibit "B" Map**

13-9-4-1E  
9-8-4-1E  
16-8-4-1E



**Legend**

-  1 Mile Radius
-  Proposed Location

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

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



**NEWFIELD EXPLORATION COMPANY**

13-9-4-1E  
9-8-4-1E  
16-8-4-1E

SEC. 9, T4S, R1E, U.S.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED:	04-22-13 A.P.C.	VERSION:
DATE:	06-07-2011			<b>V3</b>
SCALE:	1" = 2,000'			

**TOPOGRAPHIC MAP**

SHEET  
**D**

## Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
13-9-4-1E	Surface Hole	40° 08' 38.75" N	109° 53' 41.94" W
9-8-4-1E	Surface Hole	40° 08' 38.73" N	109° 53' 42.21" W
16-8-4-1E	Surface Hole	40° 08' 38.72" N	109° 53' 42.49" W
9-8-4-1E	Bottom of Hole	40° 08' 51.65" N	109° 53' 58.49" W
16-8-4-1E	Bottom of Hole	40° 08' 38.73" N	109° 53' 58.56" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
13-9-4-1E	Surface Hole	40.144097	109.894983
9-8-4-1E	Surface Hole	40.144093	109.895059
16-8-4-1E	Surface Hole	40.144089	109.895135
9-8-4-1E	Bottom of Hole	40.147680	109.899581
16-8-4-1E	Bottom of Hole	40.144092	109.899601
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
13-9-4-1E	Surface Hole	4444335.979	594126.307
9-8-4-1E	Surface Hole	4444335.452	594119.867
16-8-4-1E	Surface Hole	4444334.926	594113.426
9-8-4-1E	Bottom of Hole	4444728.893	593729.787
16-8-4-1E	Bottom of Hole	4444330.602	593732.960
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
13-9-4-1E	Surface Hole	40° 08' 38.89" N	109° 53' 39.42" W
9-8-4-1E	Surface Hole	40° 08' 38.87" N	109° 53' 39.69" W
16-8-4-1E	Surface Hole	40° 08' 38.86" N	109° 53' 39.96" W
9-8-4-1E	Bottom of Hole	40° 08' 51.79" N	109° 53' 55.96" W
16-8-4-1E	Bottom of Hole	40° 08' 38.87" N	109° 53' 56.04" W
Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
13-9-4-1E	Surface Hole	40.144135	109.894282
9-8-4-1E	Surface Hole	40.144131	109.894358
16-8-4-1E	Surface Hole	40.144127	109.894433
9-8-4-1E	Bottom of Hole	40.147719	109.898879
16-8-4-1E	Bottom of Hole	40.144131	109.898900



**Tri State  
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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

**NEWFIELD EXPLORATION COMPANY**

13-9-4-1E  
9-8-4-1E  
16-8-4-1E

**SEC. 9, T4S, R1E, U.S.B.&M. Uintah County, UT.**

DRAWN BY:	A.P.C.	REVISED:	04-22-13 A.P.C.
DATE:	04-01-2013		
VERSION:	V3		

**COORDINATE REPORT**

SHEET

1



Exhibit "D"

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S FIVE WELL LOCATIONS:  
16-13-4-1W (EXISTING) & 13-18-4-1E (PROPOSED);  
13-9-4-1E (PROPOSED), 9-8-4-1E (PROPOSED) &  
16-8-4-1E (PROPOSED), UINTAH COUNTY, UTAH  
(T4S, R1W, SEC. 13; T4S, R1E, SEC. 9)

By:

Jacki A. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
and  
Ute Indian Tribe  
(Uintah and Ouray Agency)

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052

Prepared By:

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

MOAC Report No. 13-089

May 16, 2013

United States Department of Interior (FLPMA)  
Permit No. 13-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-13-MQ-0315p

Ute Tribal Permit No. A013-363

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6394
---	--

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
--	--

<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 13-9-4-1E
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047520380000
--	---

<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> WINDY RIDGE
--	--	---

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0656 FSL 0627 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 09 Township: 04.0S Range: 01.0E Meridian: U	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/17/2013  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> 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="Change to original APD"/>

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

Newfield would like to propose that a 3M BOP system be used to drill the above mentioned well. The revised drilling program and BOP schematic reflecting this change is attached.

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

**Date:** October 08, 2013

**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/17/2013	

**Newfield Production Company**  
**Ute Tribal 13-9-4-1E**  
**SW/SW Section 9, T4S, R1E**  
**Uintah County, UT**

**Drilling Program**

**1. Formation Tops**

Uinta	surface
Green River	2,645'
Wasatch	7,465'
TD	8,265'

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

Base of Moderately Saline	1,495'	(Water)
Green River	2,645' - 7,465'	(Oil)
Wasatch	7,465' - TD	(Oil)

**3. Pressure Control**

Section                      BOP Description

Surface                      12-1/4" diverter bowl

Production                The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 3M system.

A 3M 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 3,000 psi will be used.

**4. Casing**

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Surface 8 5/8	0'	500'	24	J-55	STC	8.33	8.33	12	2,950	1,370	244,000
									10.52	8.61	20.33
Production 5 1/2	0'	8,265'	17	N-80	LTC	8.8	9	--	7,740	6,280	348,000
									2.62	2.06	2.48

Assumptions:

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

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

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

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

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

## 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	237	15%	15.8	1.17
				203			
Production Lead	7 7/8	4,985'	Premium Lite II w/ 3% KCl + 10% bentonite	993	15%	11.0	3.49
				285			
Production Tail	7 7/8	3,280'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	654	15%	14.3	1.24
				527			

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

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

## 6. Type and Characteristics of Proposed Circulating Medium

### Interval

### Description

Surface - 500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.

500' - TD

A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 9.0 ppg.

## 7. Logging, Coring, and Testing

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

Cores: As deemed necessary.

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

**8. Anticipated Abnormal Pressure or Temperature**

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.46 psi/ft gradient.

$$8,265' \times 0.46 \text{ psi/ft} = 3782 \text{ psi}$$

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

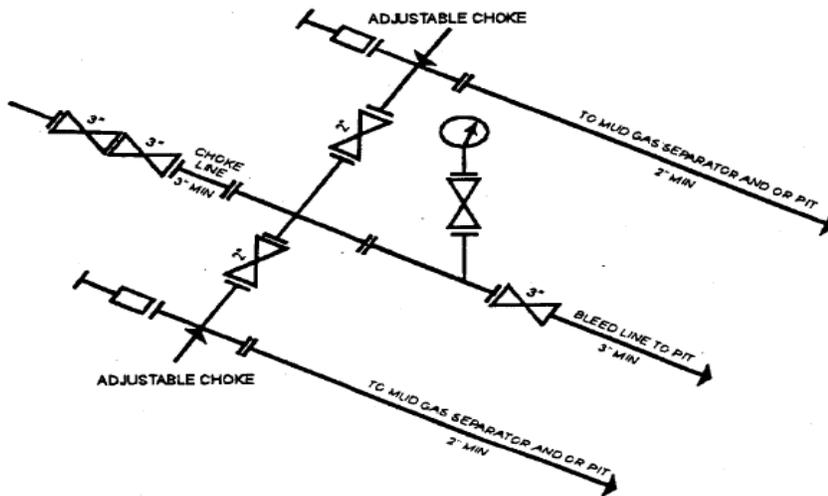
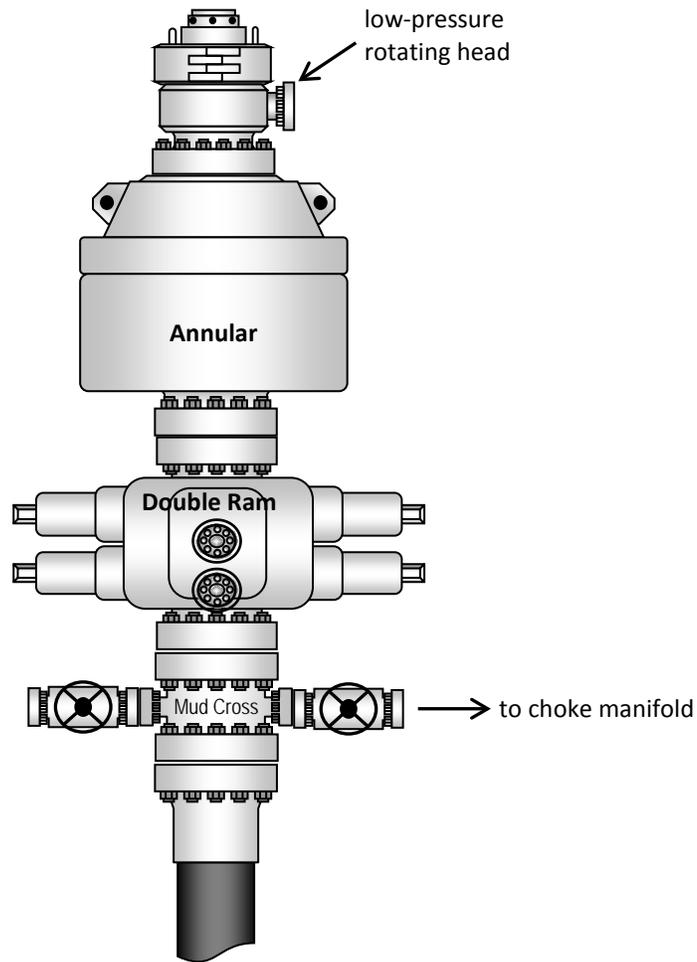
**9. Other Aspects**

This is planned as a vertical well.

Newfield requests the following Variances from Onshore Order # 2:

- Variance from Onshore Order 2, III.E.1  
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

### Typical 3M BOP Stack Configuration



3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY  
[54 FR 39528, Sept. 27, 1989]

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6394	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 13-9-4-1E
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047520380000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>9. FIELD and POOL or WILDCAT:</b> WINDY RIDGE	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0656 FSL 0627 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 09 Township: 04.0S Range: 01.0E Meridian: U
<b>COUNTY:</b> UINTAH	<b>STATE:</b> UTAH

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

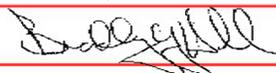
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/23/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> <b>APD EXTENSION</b>
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

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

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

**Date:** January 08, 2014

**By:** 

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/8/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047520380000**

API: 43047520380000

Well Name: UTE TRIBAL 13-9-4-1E

Location: 0656 FSL 0627 FWL QTR SWSW SEC 09 TWP 040S RNG 010E MER U

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 1/23/2012

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

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
  
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
  
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
  
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
  
- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Mandie Crozier

Date: 1/8/2014

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6394
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 13-9-4-1E
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047520380000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WINDY RIDGE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0656 FSL 0627 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 09 Township: 04.0S Range: 01.0E Meridian: U		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> 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 checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/15/2014	<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.

On 3/15/14 drill and set 11' of 14" conductor. Drill f/11' to 548'KB of 12 1/14 hole. On 3/16/2014 P/U and run 12 joints of 8 5/8 24# J-55 casing set depth 536'KB. On 3/17/2014 Cement w/Halliburton w/265 sx of 15.8 # 1.19 yield G Neat cement returned 5 bbls back to pit

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
March 25, 2014**

<b>NAME (PLEASE PRINT)</b> Cherei Neilson	<b>PHONE NUMBER</b> 435 646-4883	<b>TITLE</b> Drilling Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/25/2014	

## NEWFIELD

## Casing

## Conductor

Legal Well Name Ute Tribal 13-9-4-1E		Wellbore Name Original Hole	
API/UWI 43047520380000	Surface Legal Location SWSW 656 FSL 627 FWL Sec 9 T4S R1E	Field Name MYTON AREA	Well Type Development
Well RC 500294592	County Uintah	State/Province Utah	Spud Date
		Final Rig Release Date	

<b>Wellbore</b>	
Wellbore Name Original Hole	Kick Off Depth (ftKB)
Section Des	Size (in)
Conductor	14
Actual Top Depth (MD) (ftKB)	13
Actual Bottom Depth (MD) (ftKB)	24
Start Date	3/15/2014
End Date	3/15/2014

<b>Wellhead</b>	
Type	Install Date
Service	Comment

<b>Wellhead Components</b>	
Des	Make
Model	SN
WP Top (psi)	

<b>Casing</b>	
Casing Description Conductor	Set Depth (ftKB) 24
Run Date 3/15/2014	Set Tension (kips)
Centralizers	Scratchers

<b>Casing Components</b>												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft-lb)	Class	Max OD (in)
Condcutor	14	13.500	36.75	H-40		1	11.00	13.0	24.0			

<b>Jewelry Details</b>									
<b>External Casing Packer</b>									
Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)				
Inflation Fluid Type	Infl FI Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)				
ECP Load (1000lbf)	Seal Load (1000lbf)								

<b>Slotted Liner</b>							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)		

<b>Liner Hanger</b>					
Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)	
Slip Description	Set Mechanics				
Setting Procedure					
Unsetting Procedure					

## NEWFIELD

## Casing

Surface

Legal Well Name Ute Tribal 13-9-4-1E		Wellbore Name Original Hole	
API/UWI 43047520380000	Surface Legal Location SWSW 656 FSL 627 FWL Sec 9 T4S R1E	Field Name MYTON AREA	Well Type Development
Well RC 500294592	County Uintah	State/Province Utah	Spud Date
		Final Rig Release Date	

<b>Wellbore</b>					
Wellbore Name Original Hole			Kick Off Depth (ftKB)		
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	24	3/15/2014	3/15/2014
Vertical	12 1/4	24	548	3/15/2014	3/15/2014

<b>Wellhead</b>				
Type	Install Date	Service	Comment	

<b>Wellhead Components</b>				
Des	Make	Model	SN	WP Top (psi)

<b>Casing</b>				
Casing Description Surface	Set Depth (ftKB)	536	Run Date 3/16/2014	Set Tension (kips)
Centralizers 3	Scratchers			

<b>Casing Components</b>												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft-lb)	Class	Max OD (in)
Wellhead	8 5/8	8.097	24.00	J-55	ST&C	1	2.00	13.0	15.0			
Cut off	8 5/8	8.097	24.00	J-55	ST&C	1	41.92	15.0	56.9			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	10	438.00	56.9	494.9			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	1.00	494.9	495.9			
Shoe Joint	8 5/8	8.097	24.00	J-55	ST&C	1	38.69	495.9	534.6			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.50	534.6	536.1			

<b>Jewelry Details</b>							
<b>External Casing Packer</b>							
Type	Setting Requirement	Release Requirements		Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)	
Inflation Fluid Type	Infl FI Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

<b>Slotted Liner</b>							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description	Slot Pattern			Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

<b>Liner Hanger</b>							
Retrievable?	Elastomer Type	Element Center Depth (ft)		Polish Bore Size (in)	Polish Bore Length (ft)		
Slip Description				Set Mechanics			
Setting Procedure							
Unsetting Procedure							

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By Branden Arnold Phone Number 435-401-0223

Well Name/Number UT 13-9-4-1E

Qtr/Qtr SW/SW Section 9 Township 4S Range 1E

Lease Serial Number 14-20-H62-6394

API Number 43-047-52038

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

Date/Time 3/13/14 7:00 AM  PM

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

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

Date/Time 3/13/14 6:00 AM  PM

BOPE

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

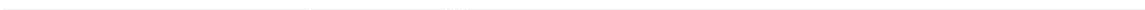
RECEIVED

MAR 12 2014

DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM  PM

Remarks \_\_\_\_\_



**RECEIVED**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 03 2011

**APPLICATION FOR PERMIT TO DRILL OR REENTER**



1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 14-20-H62-6394
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name UTE
2. Name of Operator Newfield Exploration		7. If Unit or CA Agreement, Name and No. NA
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ute Tribal 13-9-4-1E
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 047 52038
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SW/SW 656' FSL 627' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Undesignated
11. Sec., T, R, M. or Blk. and Survey or Area Sec. 9, T4S R1E		12. County or Parish Uintah
14. Distance in miles and direction from nearest town or post office* Approximately 11.1 miles southwest of Randlett, UT		13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 627' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 640.0	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1320'	19. Proposed Depth 8,265'	20. BLM/BIA Bond No. on file RLB0010462
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5333' GL	22. Approximate date work will start*	23. Estimated duration (7) days from SPUO to rig release

RECEIVED

MAR 12 2011

BLM OFFICE OF OIL, GAS & MINING

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 5/20/13
Title Regulatory Analyst		(Revision)
Approved by (Signature) <i>Nathan Packard</i>	Name (Printed/Typed) NATHAN PACKARD	Date 2/26/2014
Title For Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

(Continued on page 2)

\*(Instructions on page 2)

**NOTICE OF APPROVAL  
CONDITIONS OF APPROVAL ATTACHED**

**UDOGM**

1255 0872AE

NOS 10/6/11

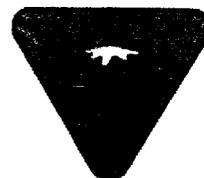


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company  
Well No: Ute Tribal 15-9-4-1E  
API No: 43-047-52038

Location: SWSW, Sec. 9, T4S R1E  
Lease No: 14-20-H62-6394  
Agreement: N/A

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

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

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

**NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:blm_ut_vn_opreport@blm.gov">blm_ut_vn_opreport@blm.gov</a>
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

- A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be installed and maintained in the reserve pit.
- Any deviation from submitted APD's and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All permanent surface equipment (meaning on site for six months or longer) will be painted Covert Green to match the surrounding landscape color unless otherwise authorized. This would include all facilities except those required to comply with Occupational Safety and Health Act (OSHA) regulations.
- Reclamation will be completed in accordance with the recontouring and reseeding procedures outlined in the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM, unless otherwise specified by the private surface owner.

**Site Specific COA's**

- It is recommend that Newfield consult with the Utah Division of Wildlife Resources to minimize impacts to birds, particularly protected under the Migratory Bird Treaty Act and to ensure compliance with Federal and State laws protecting Migratory Birds.
- Newfield will not pump surface water from the Green River. Specifically, for Newfield's development, water collection wells will be connected to a centralized pumping station via underground waterlines. The water wells will be developed using conventional drilling methods. Each well will extend to a depth of approximately 100 feet below the surface.

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

**SITE SPECIFIC DOWNHOLE COAs:**

Newfield Production Company shall adhere to all referenced requirements in the SOP (version: "Ute Tribe Green River Development Program". April 17, 2008). The operator shall also comply with applicable laws and regulations; with lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

Variances shall be granted as requested for the air drilling of the surface hole from Onshore Order 2, section III as listed in Section 9.0 of the Ute Tribe Green River SOP.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

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

## OPERATING REQUIREMENT REMINDERS:

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

Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent

Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
1420H626394

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

6. If Indian, Allottee or Tribe Name  
UTE

7. Unit or CA Agreement Name and No.  
NA

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.  
UTE TRIBAL 13-9-4-1E

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

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

9. API Well No.  
43-047-52038

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

10. Field and Pool or Exploratory  
UNDESIGNATED

11. Sec., T., R., M., on Block and  
Survey or Area SEC 9 T4S R1E

At surface 656' FSL 627' FWL (SW/SW) SEC 9 T4S R1E

At top prod. interval reported below

12. County or Parish UINTAH  
13. State UT

At total depth 460' FSL 629' FWL (SW/SW) SEC 9 T4S R1E

14. Date Spudded  
03/15/2014

15. Date T.D. Reached  
04/08/2014

16. Date Completed 04/28/2014  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5333' GL 5346' KB

18. Total Depth: MD 8272'  
TVD 8268'

19. Plug Back T.D.: MD 8220'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24	0'	536'		265 CLASS G			
7-7/8"	5-1/2" SB-80	17	0'	8267'		560 Econocem 600Expandacem		1000'	

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@7741'	TA@7639'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	6440'	7421'	6440' - 7421' MD	0.34	38	
B) Wasatch	7458'	7643'	7458' - 7643' MD	0.34	18	
C)						
D)						

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

Depth Interval	Amount and Type of Material
6440' - 7643' MD	Frac w/ 229,855#s of 20/40, 143235#s of 30/50, and 24720#s of 100 Mesh in 6,848 bbls of Lightning 17 fluid, in 4 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
4/23/14	5/3/14	24	→	133	78	77			1.75 x 2.5x 24' RHAC
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)

28b. Production - Interval C

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

28c. Production - Interval D

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

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

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
				GARDEN GULCH MARK GARDEN GULCH 1	5225' 5390'
				GARDEN GULCH 2 POINT 3	5520' 5840'
				X MRKR Y MRKR	6020' 6065'
				DOUGLAS CREEK MRK BI CARBONATE MRK	6220' 6520'
				B LIMESTONE MRK CASTLE PEAK	6680' 6990'
				BASAL CARBONATE WASATCH	7313' 7436'

32. Additional remarks (include plugging procedure):

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

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

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

Name (please print) Heather Calder Title Regulatory Technician  
 Signature Heather Calder Date 05/27/2014

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 9 T4S, R1E**

**13-9-4-1E**

**Wellbore #1**

**Design: Actual**

## **End of Well Report**

**08 April, 2014**





# Payzone Directional

## End of Well Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9 T4S, R1E  
**Well:** 13-9-4-1E  
**Wellbore:** Wellbore #1  
**Design:** Actual

**Local Co-ordinate Reference:**  
**TVD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**MD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 5000.1 Single User Db

Well 13-9-4-1E  
 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
 True  
 Minimum Curvature  
 EDM 5000.1 Single User Db

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

**System Datum:** Mean Sea Level

**Site:** SECTION 9 T4S, R1E  
**Site Position:**  
**From:** Lat/Long  
**Position Uncertainty:** 0.0 usft

**Northing:** 7,227,936.07 usft  
**Easting:** 2,091,683.14 usft  
**Slot Radius:** 13-3/16 "

**Latitude:** 40° 9' 4.950 N  
**Longitude:** 109° 53' 7.710 W  
**Grid Convergence:** 1.03 °

**Well:** 13-9-4-1E, SHL:40° 8' 38.750 -109° 53' 41.940  
**Well Position:**  
**+N-S:** 0.0 usft  
**+E-W:** 0.0 usft  
**Position Uncertainty:** 0.0 usft

**Latitude:** 40° 8' 38.750 N  
**Longitude:** 109° 53' 41.940 W  
**Ground Level:** 5,333.0 usft

**Wellbore:** Wellbore #1  
**Magnetics:** Model Name IGRF2010 Sample Date 3/24/2014  
 Declination (°) 10.90 Dip Angle (°) 65.84 Field Strength (nT) 52,075

**Design:** Actual  
**Audit Notes:**  
**Version:** 1.0 Phase: ACTUAL Tie On Depth: 0.0  
**Vertical Section:** Depth From (TVD) (usft) +N-S (usft) +E-W (usft) Direction (°)  
 0.0 0.0 0.0 179.32

**Survey Program:** Date 4/8/2014  
**From (usft):** 589.0  
**To (usft):** 8,272.0  
**Survey (Wellbore):** Survey #1 (Wellbore #1)  
**Tool Name:** MWD  
**Description:** MWD - Standard



# Payzone Directional

## End of Well Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9 T4S, R1E  
**Well:** 13-9-4-1E  
**Wellbore:** Wellbore #1  
**Design:** Actual

**Local Co-ordinate Reference:**  
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**Database:** EDM 5000.1 Single User Db

Well 13-9-4-1E  
 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
 True  
 Minimum Curvature  
 EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00
589.0	0.60	178.00	589.0	3.1	-3.1	0.1	0.10	0.10	0.00
620.0	0.60	197.40	620.0	3.4	-3.4	0.1	0.65	0.00	62.58
651.0	0.50	193.00	651.0	3.7	-3.7	0.0	0.35	-0.32	-14.19
681.0	0.40	187.40	681.0	3.9	-3.9	-0.1	0.36	-0.33	-18.67
712.0	0.30	176.30	712.0	4.1	-4.1	-0.1	0.39	-0.32	-35.81
743.0	0.30	154.40	743.0	4.3	-4.3	0.0	0.37	0.00	-70.65
787.0	0.30	176.70	787.0	4.5	-4.5	0.0	0.26	0.00	50.68
831.0	0.70	161.20	831.0	4.8	-4.8	0.1	0.95	0.91	-35.23
875.0	0.70	158.60	875.0	5.4	-5.4	0.3	0.07	0.00	-5.91
918.0	0.80	158.10	918.0	5.9	-5.9	0.5	0.23	0.23	-1.16
960.0	0.90	159.60	960.0	6.5	-6.5	0.7	0.24	0.24	3.57
1,003.0	1.10	166.50	1,003.0	7.2	-7.2	1.0	0.54	0.47	16.05
1,046.0	1.30	172.80	1,046.0	8.1	-8.1	1.1	0.56	0.47	14.65
1,090.0	1.30	176.10	1,089.9	9.1	-9.1	1.2	0.17	0.00	7.50
1,133.0	1.30	161.00	1,132.9	10.0	-10.0	1.4	0.79	0.00	-35.12
1,177.0	1.40	159.10	1,176.9	11.0	-11.0	1.8	0.25	0.23	-4.32
1,221.0	1.60	168.00	1,220.9	12.1	-12.1	2.1	0.70	0.45	20.23
1,265.0	1.30	166.10	1,264.9	13.2	-13.2	2.3	0.69	-0.68	-4.32
1,308.0	1.20	175.40	1,307.9	14.1	-14.1	2.5	0.53	-0.23	21.63
1,352.0	1.30	171.80	1,351.9	15.1	-15.0	2.6	0.29	0.23	-8.18
1,396.0	1.00	178.40	1,395.9	15.9	-15.9	2.7	0.74	-0.68	15.00
1,440.0	1.00	162.20	1,439.9	16.7	-16.7	2.8	0.64	0.00	-36.82
1,483.0	0.80	167.20	1,482.8	17.4	-17.3	3.0	0.50	-0.47	11.63
1,526.0	0.90	160.40	1,525.8	18.0	-17.9	3.2	0.33	0.23	-15.81
1,570.0	1.00	155.20	1,569.8	18.6	-18.6	3.4	0.30	0.23	-11.82
1,614.0	0.90	158.10	1,613.8	19.3	-19.3	3.7	0.25	-0.23	6.59

# Payzone Directional

## End of Well Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9 T4S, R1E  
**Well:** 13-9-4-1E  
**Wellbore:** Wellbore #1  
**Design:** Actual

**Local Co-ordinate Reference:**  
**TVD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**MD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 5000.1 Single User Db

Well 13-9-4-1E  
 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
 True  
 Minimum Curvature  
 EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
1,656.0	1.10	166.60	1,655.8	20.0	-20.0	3.9	0.59	0.48	20.24
1,700.0	1.10	159.40	1,699.8	20.8	-20.8	4.2	0.31	0.00	-16.36
1,744.0	1.30	169.70	1,743.8	21.7	-21.7	4.4	0.67	0.45	23.41
1,787.0	1.30	164.70	1,786.8	22.7	-22.6	4.6	0.26	0.00	-11.63
1,831.0	1.30	165.00	1,830.8	23.6	-23.6	4.9	0.02	0.00	0.68
1,874.0	1.40	164.40	1,873.8	24.6	-24.6	5.2	0.23	0.23	-1.40
1,918.0	1.40	163.50	1,917.8	25.6	-25.6	5.5	0.05	0.00	-2.05
1,962.0	1.50	161.40	1,961.7	26.7	-26.6	5.8	0.26	0.23	-4.77
2,005.0	1.50	170.80	2,004.7	27.8	-27.7	6.1	0.57	0.00	21.86
2,047.0	1.50	170.70	2,046.7	28.9	-28.8	6.2	0.01	0.00	-0.24
2,091.0	1.30	166.60	2,090.7	29.9	-29.9	6.5	0.51	-0.45	-9.32
2,135.0	1.40	171.40	2,134.7	31.0	-30.9	6.7	0.34	0.23	10.91
2,178.0	1.60	181.50	2,177.7	32.1	-32.0	6.7	0.77	0.47	23.49
2,221.0	1.80	177.80	2,220.7	33.4	-33.3	6.7	0.53	0.47	-8.60
2,265.0	1.70	171.20	2,264.6	34.7	-34.6	6.9	0.51	-0.23	-15.00
2,309.0	1.70	167.50	2,308.6	36.0	-35.9	7.1	0.25	0.00	-8.41
2,353.0	1.70	173.10	2,352.6	37.3	-37.2	7.3	0.38	0.00	12.73
2,396.0	1.60	167.70	2,395.6	38.5	-38.4	7.5	0.43	-0.23	-12.56
2,440.0	1.50	168.20	2,439.6	39.7	-39.6	7.8	0.23	-0.23	1.14
2,483.0	1.60	171.90	2,482.5	40.8	-40.7	8.0	0.33	0.23	8.60
2,526.0	1.70	178.40	2,525.5	42.0	-41.9	8.1	0.49	0.23	15.12
2,569.0	1.70	178.10	2,568.5	43.3	-43.2	8.1	0.02	0.00	-0.70
2,612.0	1.50	179.30	2,611.5	44.5	-44.4	8.1	0.47	-0.47	2.79
2,656.0	1.50	179.00	2,655.5	45.7	-45.6	8.2	0.02	0.00	-0.68
2,700.0	1.90	178.70	2,699.5	47.0	-46.9	8.2	0.91	0.91	-0.68
2,743.0	1.90	178.10	2,742.4	48.4	-48.3	8.2	0.05	0.00	-1.40
2,786.0	2.10	174.10	2,785.4	49.9	-49.8	8.3	0.57	0.47	-9.30



# Payzone Directional End of Well Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9 T4S. R1E  
**Well:** 13-9-4-1E  
**Wellbore #1:** Wellbore #1  
**Design:** Actual

**Local Co-ordinate Reference:**  
**TVD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**MD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 5000.1 Single User Db

**Well:** 13-9-4-1E  
**13-9-4-1E @ 5346.0usft (CAPSTAR 329)**  
**13-9-4-1E @ 5346.0usft (CAPSTAR 329)**  
**True**  
**Minimum Curvature**  
**EDM 5000.1 Single User Db**

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	2,829.0	1.90	171.60	2,828.4	51.4	-51.3	8.5	0.51	-0.47	-5.81
	2,873.0	1.90	175.20	2,872.4	52.8	-52.7	8.7	0.27	0.00	8.18
	2,916.0	2.00	172.50	2,915.3	54.3	-54.2	8.8	0.32	0.23	-6.28
	2,959.0	2.10	179.00	2,958.3	55.8	-55.7	8.9	0.59	0.23	15.12
	3,003.0	2.30	174.90	3,002.3	57.5	-57.4	9.0	0.58	0.45	-9.32
	3,047.0	2.10	179.20	3,046.2	59.2	-59.1	9.1	0.59	-0.45	9.77
	3,090.0	2.30	176.20	3,089.2	60.9	-60.7	9.2	0.54	0.47	-6.98
	3,134.0	2.20	180.10	3,133.2	62.6	-62.5	9.3	0.42	-0.23	8.86
	3,178.0	2.00	179.90	3,177.1	64.2	-64.1	9.3	0.45	-0.45	-0.45
	3,221.0	2.30	176.30	3,220.1	65.8	-65.7	9.3	0.76	0.70	-8.37
	3,265.0	2.20	172.80	3,264.1	67.5	-67.4	9.5	0.39	-0.23	-7.95
	3,309.0	2.40	177.10	3,308.0	69.3	-69.2	9.6	0.60	0.45	9.77
	3,353.0	2.60	179.20	3,352.0	71.2	-71.1	9.7	0.50	0.45	4.77
	3,397.0	2.40	175.50	3,396.0	73.1	-73.0	9.8	0.58	-0.45	-8.41
	3,440.0	2.40	175.80	3,438.9	74.9	-74.8	9.9	0.03	0.00	0.70
	3,484.0	2.50	179.10	3,482.9	76.8	-76.7	10.0	0.39	0.23	7.50
	3,528.0	2.50	177.70	3,526.8	78.7	-78.6	10.0	0.14	0.00	-3.18
	3,572.0	1.30	170.90	3,570.8	80.2	-80.0	10.2	2.77	-2.73	-15.45
	3,615.0	1.00	164.30	3,613.8	81.0	-80.9	10.3	0.76	-0.70	-15.35
	3,658.0	1.10	176.50	3,656.8	81.8	-81.7	10.5	0.57	0.23	28.37
	3,702.0	1.20	180.60	3,700.8	82.7	-82.5	10.5	0.29	0.23	9.32
	3,746.0	1.50	181.60	3,744.8	83.7	-83.6	10.5	0.68	0.68	2.27
	3,788.0	2.10	192.60	3,786.8	85.0	-84.9	10.3	1.64	1.43	26.19
	3,962.0	1.50	131.80	3,960.7	89.6	-89.5	11.3	1.09	-0.34	-34.94
	4,006.0	1.30	147.70	4,004.7	90.5	-90.3	12.0	0.99	-0.45	36.14
	4,093.0	1.50	171.50	4,091.7	92.4	-92.3	12.7	0.70	0.23	27.36
	4,181.0	2.20	181.90	4,179.6	95.3	-95.1	12.8	0.88	0.80	11.82



# Payzone Directional

## End of Well Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Mylon SW (UT)  
**Site:** SECTION 9 T4S, R1E  
**Well:** 13-9-4-1E  
**Wellbore #1:** Wellbore #1  
**Design:** Actual

**Local Co-ordinate Reference:**  
**TVD Reference:** 13-9-4-1E @ 5346.0ust (CAPSTAR 329)  
**MD Reference:** 13-9-4-1E @ 5346.0ust (CAPSTAR 329)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 5000.1 Single User Db

Well 13-9-4-1E  
 13-9-4-1E @ 5346.0ust (CAPSTAR 329)  
 13-9-4-1E @ 5346.0ust (CAPSTAR 329)  
 True  
 Minimum Curvature  
 EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Buid (°/100usft)	Turn (°/100usft)
4,225.0	2.30	177.40	4,223.6	97.0	-96.8	12.8	0.46	0.23	-10.23
4,267.0	2.20	173.70	4,265.5	98.6	-98.5	12.9	0.42	-0.24	-8.81
4,310.0	2.30	168.90	4,308.5	100.3	-100.1	13.2	0.50	0.23	-11.16
4,354.0	2.30	178.80	4,352.5	102.0	-101.9	13.4	0.90	0.00	22.50
4,397.0	2.40	179.60	4,395.4	103.8	-103.7	13.4	0.24	0.23	1.86
4,441.0	2.80	181.50	4,439.4	105.8	-105.7	13.4	0.93	0.91	4.32
4,485.0	2.80	179.00	4,483.3	108.0	-107.8	13.4	0.28	0.00	-5.68
4,529.0	1.60	169.20	4,527.3	109.6	-109.5	13.5	2.85	-2.73	-22.27
4,572.0	0.40	163.60	4,570.3	110.4	-110.2	13.7	2.80	-2.79	-13.02
4,615.0	0.60	197.30	4,613.3	110.7	-110.6	13.6	0.81	0.47	78.37
4,659.0	1.20	189.50	4,657.3	111.4	-111.2	13.5	1.39	1.36	-17.73
4,702.0	1.50	186.00	4,700.3	112.4	-112.2	13.4	0.72	0.70	-8.14
4,746.0	1.70	178.10	4,744.3	113.6	-113.5	13.3	0.68	0.45	-17.95
4,789.0	1.90	185.40	4,787.2	115.0	-114.8	13.3	0.71	0.47	16.98
4,832.0	1.60	200.60	4,830.2	116.2	-116.1	13.0	1.28	-0.70	35.35
4,875.0	1.50	205.70	4,873.2	117.3	-117.2	12.5	0.40	-0.23	11.86
4,918.0	1.60	186.50	4,916.2	118.4	-118.3	12.2	1.22	0.23	-44.65
4,961.0	1.50	201.80	4,959.2	119.5	-119.4	11.9	0.99	-0.23	35.58
5,047.0	1.90	241.60	5,045.1	121.2	-121.1	10.3	1.41	0.47	46.28
5,091.0	2.30	228.70	5,089.1	122.1	-122.0	9.0	1.40	0.91	-29.32
5,134.0	2.50	214.70	5,132.1	123.5	-123.4	7.8	1.44	0.47	-32.56
5,178.0	2.20	209.50	5,176.0	125.0	-124.9	6.8	0.84	-0.68	-11.82
5,221.0	2.60	206.10	5,219.0	126.6	-126.5	6.0	0.99	0.93	-7.91
5,265.0	1.50	208.10	5,263.0	128.0	-127.9	5.3	2.50	-2.50	4.55
5,309.0	0.60	244.90	5,307.0	128.6	-128.5	4.8	2.46	-2.05	83.64
5,353.0	0.90	344.50	5,351.0	128.3	-128.3	4.5	2.64	0.68	226.36
5,397.0	1.90	352.90	5,394.9	127.3	-127.2	4.3	2.31	2.27	19.09



# Payzone Directional

## End of Well Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9 T4S, R1E  
**Well:** 13-9-4-1E  
**Wellbore:** Wellbore #1  
**Design:** Actual

**Local Co-ordinate Reference:**  
**TVD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**MD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 5000.1 Single User Db

Well 13-9-4-1E  
 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
 True  
 Minimum Curvature  
 EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
5,441.0	1.50	346.90	5,438.9	126.0	-125.9	4.1	0.99	-0.91	-13.64
5,483.0	1.10	348.10	5,480.9	125.0	-125.0	3.9	0.95	-0.95	2.86
5,527.0	0.80	331.70	5,524.9	124.4	-124.3	3.7	0.91	-0.68	-37.27
5,571.0	0.70	270.00	5,568.9	124.1	-124.0	3.2	1.76	-0.23	-140.23
5,615.0	1.10	343.70	5,612.9	123.7	-123.6	2.9	2.56	0.91	167.50
5,658.0	1.30	345.10	5,655.9	122.8	-122.8	2.6	0.47	0.47	3.26
5,702.0	1.80	325.70	5,699.9	121.7	-121.7	2.1	1.63	1.14	-44.09
5,746.0	2.50	337.10	5,743.8	120.3	-120.3	1.3	1.86	1.59	25.91
5,790.0	2.20	341.80	5,787.8	118.6	-118.6	0.7	0.81	-0.68	10.68
5,833.0	1.70	342.40	5,830.8	117.2	-117.2	0.2	1.16	-1.16	1.40
5,876.0	0.90	315.40	5,873.8	116.3	-116.3	-0.2	2.29	-1.86	-62.79
5,920.0	0.80	281.90	5,917.8	116.0	-116.0	-0.7	1.13	-0.23	-76.14
5,962.0	0.60	251.60	5,959.8	116.0	-116.0	-1.2	0.98	-0.48	-72.14
6,005.0	0.90	220.50	6,002.8	116.3	-116.4	-1.7	1.15	0.70	-72.33
6,048.0	1.00	209.80	6,045.8	116.9	-116.9	-2.1	0.47	0.23	-24.88
6,091.0	1.40	206.90	6,088.7	117.7	-117.7	-2.5	0.94	0.93	-6.74
6,135.0	1.40	199.20	6,132.7	118.7	-118.7	-2.9	0.43	0.00	-17.50
6,178.0	1.80	196.50	6,175.7	119.8	-119.9	-3.3	0.95	0.93	-6.28
6,222.0	2.00	191.80	6,219.7	121.2	-121.3	-3.6	0.58	0.45	-10.68
6,265.0	2.00	185.50	6,262.7	122.7	-122.8	-3.9	0.51	0.00	-14.65
6,308.0	2.10	192.10	6,305.6	124.2	-124.3	-4.1	0.60	0.23	15.35
6,350.0	2.20	190.80	6,347.6	125.8	-125.8	-4.4	0.26	0.24	-3.10
6,394.0	2.30	187.10	6,391.6	127.5	-127.5	-4.7	0.40	0.23	-8.41
6,438.0	2.50	186.10	6,435.5	129.3	-129.4	-4.9	0.46	0.45	-2.27
6,482.0	2.50	190.20	6,479.5	131.2	-131.3	-5.2	0.41	0.00	9.32
6,524.0	2.30	187.20	6,521.5	132.9	-133.0	-5.4	0.56	-0.48	-7.14
6,568.0	2.70	195.10	6,565.4	134.8	-134.9	-5.8	1.20	0.91	17.95



# Payzone Directional

End of Well Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9 T4S, R1E  
**Well:** 13-9-4-1E  
**Wellbore #1:** Wellbore #1  
**Design:** Actual

**Local Co-ordinate Reference:**  
**TVD Reference:** Well 13-9-4-1E  
**MD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**North Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**Survey Calculation Method:** True  
**Database:** Minimum Curvature  
 EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
6,612.0	3.30	193.80	6,609.4	137.0	-137.1	-6.4	1.37	1.36	-2.95
6,656.0	3.00	193.30	6,653.3	139.4	-139.5	-6.9	0.68	-0.68	-1.14
6,698.0	2.80	189.60	6,695.2	141.4	-141.5	-7.4	0.65	-0.48	-8.81
6,742.0	2.70	190.80	6,739.2	143.5	-143.6	-7.7	0.26	-0.23	2.73
6,786.0	2.50	182.10	6,783.1	145.5	-145.6	-8.0	1.00	-0.45	-19.77
6,830.0	2.30	188.00	6,827.1	147.3	-147.4	-8.1	0.72	-0.45	13.41
6,874.0	2.30	181.60	6,871.1	149.1	-149.2	-8.3	0.58	0.00	-14.55
6,916.0	2.00	168.80	6,913.0	150.6	-150.7	-8.2	1.34	-0.71	-30.48
6,959.0	2.10	167.70	6,956.0	152.1	-152.3	-7.8	0.25	0.23	-2.56
7,002.0	2.10	164.20	6,999.0	153.7	-153.8	-7.5	0.30	0.00	-8.14
7,045.0	2.20	168.00	7,041.9	155.3	-155.3	-7.1	0.40	0.23	8.84
7,088.0	2.30	168.80	7,084.9	156.9	-157.0	-6.7	0.24	0.23	1.86
7,132.0	2.20	165.30	7,128.9	158.6	-158.7	-6.3	0.39	-0.23	-7.95
7,176.0	2.30	164.70	7,172.8	160.3	-160.4	-5.9	0.23	0.23	-1.36
7,220.0	2.10	164.20	7,216.8	161.9	-162.0	-5.4	0.46	-0.45	-1.14
7,262.0	1.90	167.80	7,258.8	163.3	-163.4	-5.1	0.56	-0.48	8.57
7,306.0	2.00	171.50	7,302.8	164.8	-164.9	-4.8	0.37	0.23	8.41
7,350.0	1.80	151.40	7,346.7	166.2	-166.2	-4.4	1.57	-0.45	-45.68
7,394.0	1.70	147.00	7,390.7	167.3	-167.4	-3.7	0.38	-0.23	-10.00
7,437.0	1.50	151.30	7,433.7	168.4	-168.4	-3.1	0.54	-0.47	10.00
7,481.0	1.70	159.40	7,477.7	169.5	-169.5	-2.6	0.69	0.45	18.41
7,525.0	1.70	153.10	7,521.7	170.7	-170.7	-2.0	0.42	0.00	-14.32
7,569.0	1.70	160.70	7,565.6	171.9	-171.9	-1.5	0.51	0.00	17.27
7,611.0	1.80	161.40	7,607.6	173.1	-173.1	-1.1	0.24	0.24	1.67
7,655.0	1.90	161.50	7,651.6	174.5	-174.5	-0.7	0.23	0.23	0.23
7,699.0	1.90	163.20	7,695.6	175.9	-175.9	-0.2	0.13	0.00	3.86
7,743.0	1.90	167.60	7,739.6	177.3	-177.3	0.1	0.33	0.00	10.00



# Payzone Directional

## End of Well Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9 T4S, R1E  
**Well:** 13-9-4-1E  
**Wellbore:** Wellbore #1  
**Design:** Actual

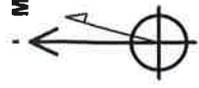
**Local Co-ordinate Reference:** Well 13-9-4-1E  
**TVD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**MD Reference:** 13-9-4-1E @ 5346.0usft (CAPSTAR 329)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
7,787.0	1.90	167.80	7,783.5	178.7	-178.7	0.5	0.02	0.00	0.45
7,830.0	1.80	166.70	7,826.5	180.1	-180.1	0.8	0.25	-0.23	-2.56
7,873.0	1.80	167.50	7,869.5	181.4	-181.4	1.1	0.06	0.00	1.86
7,916.0	1.90	162.10	7,912.5	182.7	-182.7	1.4	0.47	0.23	-12.56
7,960.0	1.80	168.10	7,956.4	184.1	-184.1	1.8	0.50	-0.23	13.64
8,003.0	1.90	167.90	7,999.4	185.5	-185.4	2.1	0.23	0.23	-0.47
8,047.0	2.10	175.10	8,043.4	187.0	-187.0	2.3	0.73	0.45	16.36
8,091.0	2.20	177.80	8,087.4	188.6	-188.6	2.4	0.32	0.23	6.14
8,134.0	2.10	172.80	8,130.3	190.2	-190.2	2.5	0.49	-0.23	-11.63
8,177.0	2.30	179.40	8,173.3	191.9	-191.9	2.6	0.75	0.47	15.35
8,212.0	2.40	183.20	8,208.3	193.3	-193.3	2.6	0.53	0.29	10.86
8,272.0	2.50	189.70	8,268.2	195.9	-195.8	2.3	0.49	0.17	10.83

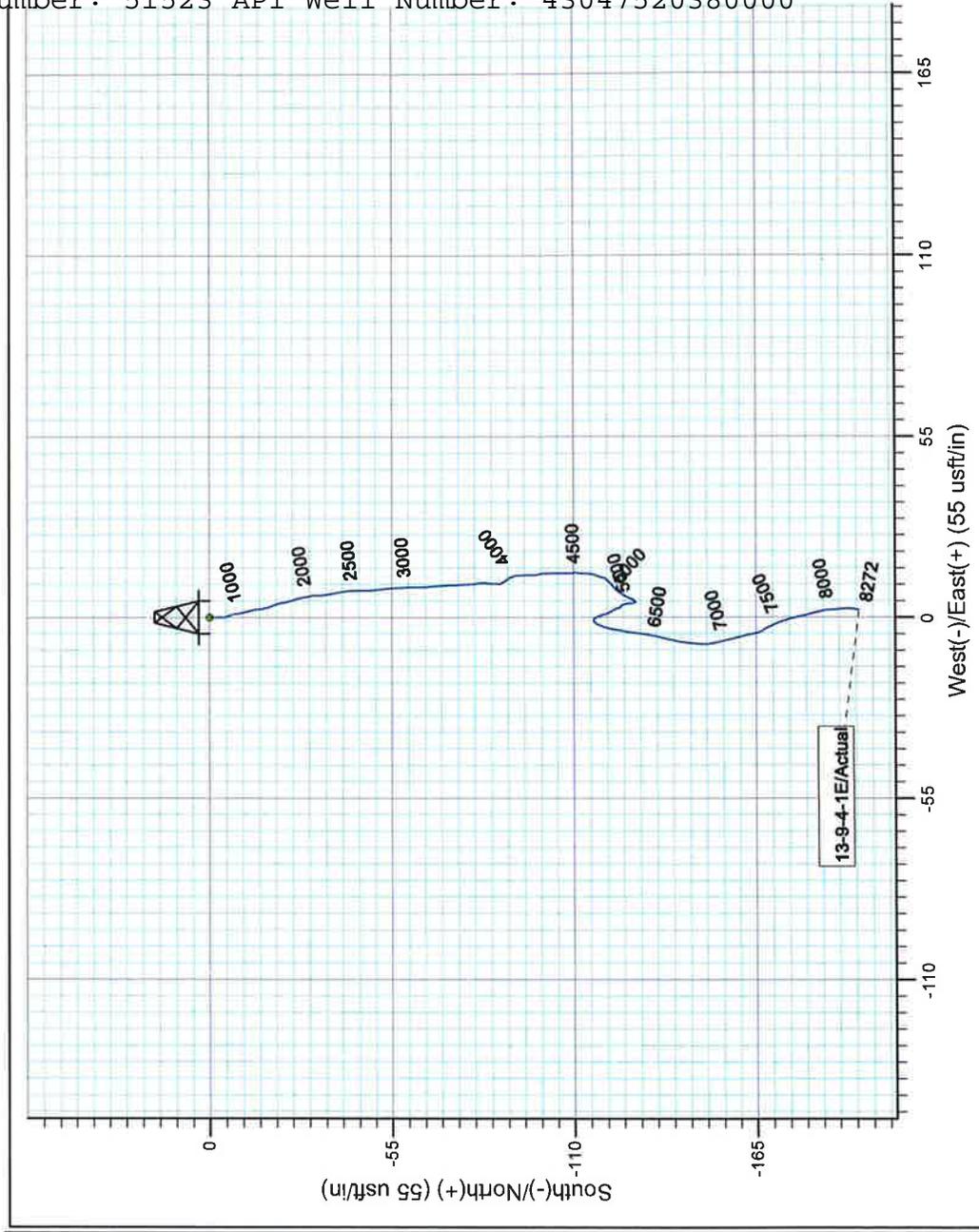
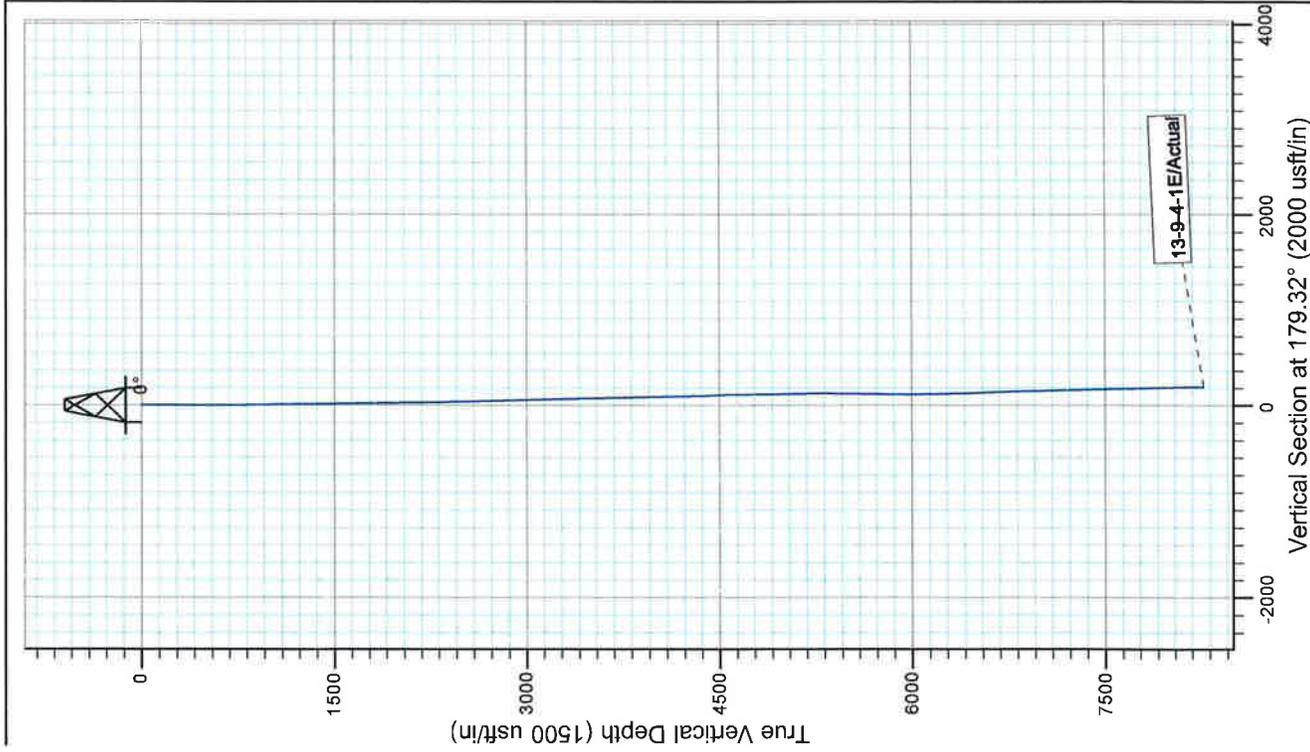
Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Project: USGS Mylon SW (U1)  
 Site: SECTION 9 T4S, R1E  
 Well: 13-9-4-1E  
 Wellbore: Wellbore #1  
 Design: Actual



Azimuths to True North  
 Magnetic North: 10.90°  
 Magnetic Field  
 Strength: 52074.7 nT  
 Dip Angle: 65.84°  
 Date: 3/24/2014  
 Model: IGRF2010



Design: Actual (13-9-4-1E/Wellbore #1)

Created By: Matthew Linton Date: 8:43, April 08 201

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



## Summary Rig Activity

**Well Name:** Ute Tribal 13-9-4-1E

Job Category: \_\_\_\_\_ Job Start Date: \_\_\_\_\_ Job End Date: \_\_\_\_\_

**Daily Operations**

Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
4/17/2014	4/18/2014	NU BOPs. Run CBL. Pressure test well control stack & csg. Perforate 1st stage.	06:00	08:00	NU Cameron 10K 5-1/4" wellhead isolation tool. NU Weatherford 10K frac valve & 10K blind rams.
			08:00	10:00	Run CBL from 8152' to surface under 0 psi. Est TOC @ 1000'
			10:00	12:00	Pressure test csg to 6200 psi for 30 min. Pressure test well control stack to 6500 psi for 10 min. Low tests of 250 -300 psi for 5 min.
			12:00	13:00	Perforate stage 1.
			13:00	00:00	SDFN
4/21/2014	4/22/2014	Rig up to Frac and P&P stages 1-4.	04:30	07:30	Naboras Frac arrived at location @ 430am and started spotting equipment and rigging up.
			07:30	07:45	Nabors ready to Pressure Test Frac Iron and Equipment as Per NFX & Job Design. Nabors pressure tested to 6500psi for 5 mins GOOD test. Wireline is rigging up as well and getting ready.
			07:45	08:00	Nabors waiting on Chems from yard.
			08:00	14:30	Waiting on FMC Flowback to come out and rig up Flowback equipment.
			14:30	15:52	Frac Stage #1. Open WH @ 161psi, Broke @ 3130psi @ 3.3 bpm, ISIP @ 2478psi, FG @ .794, Max Rate @ 42.5bpm, Max Psi @ 4197psi
			15:52	17:25	WL RIH to P&P Stage# 2
			17:25	18:00	SDFN
4/22/2014	4/23/2014	Finished Fracing Stages and started Flowback Ops	05:45	07:10	Nabors arrived on location and started repacking 2 pumps.
			07:10	09:30	Frac Stage# 2. We started screening out on on 30/50 White @ 1.5 ppa... Cut 1.5ppa White and flushed some away. Then started XLink @ 2 ppa and pressure kept climbing up. We shut down 3 r 4 times and let pressure fall down to 2500-3500psi and tried getting back into it with No Luck. Flowed back about 60-70bbbls and tried getting back into Well again but no Luck well just Pressured Up. We flowed back 170 - 220 bbbls and got back a Slug of Sand. Flowed until it cleaned up then Got back into Well with XLink - 30/50 White @ 2 ppa and had no issues pumping away remainder of Job.
					Frac Stage # 2. Open WH @ 2145 psi, Broke @ 2336 psi @ 3.6 bpm, ISIP @ 2393 psi @ .765 FG, Max Rate @ 46.4 bpm, Max Psi @ 5881psi, Final ISIP @ 2558psi @ .787 FG



### Summary Rig Activity

Well Name: Ute Tribal 13-9-4-1E

Start Time	09:30	End Time	10:45	Comment
				P&P Stage# 3
Start Time	10:45	End Time	11:39	Comment
				Frac Stage # 3
Start Time	11:39	End Time	12:39	Comment
				P&P Stage # 4
Start Time	12:39	End Time	13:39	Comment
				Frac Stage # 4
Start Time	13:39	End Time	00:00	Comment
				Flow Well back until it dies orl comes to surface... @ 3bpm rate. Shut in pressure was 1901 psi when we were done with Frac.
Report Start Date	4/23/2014	Report End Date	4/24/2014	24hr Activity Summary
Start Time	00:00	End Time	06:00	Comment
				Still flowing well back
Start Time	06:00	End Time	09:00	Comment
				WL arrived at 530am and got rigged up to RIH and set 2 kill plugs. Flowback got Oil to surface and shut well in with 300psi on well. 1st Kill Plug set @ 6360ft 2nd Kill Plug set @ 6350ft WL rigging down and moving off location.
Start Time	09:00	End Time	12:30	Comment
				Rig down Frac Stack and Rig Up and Test Drillout BOP. Spot and rig up Nabors Rig.
Start Time	12:30	End Time	16:30	Comment
				Nabors started tripping 4 3/4" Chomp Mill x 1 Joint of 2 7/8", 6.5# L80, 8EUE, (ID 2.441" / Drift 2.347") x X Nipple & 197 Joints Tubing. Tagged 1st Kill Plug @ Joint 198 @ 6350ft. Layed down 1 joint and rigged up Power Swivel and Pump & Tank...
Start Time	16:30	End Time	17:00	Comment
				SDFN @ 1700pm
Report Start Date	4/24/2014	Report End Date	4/25/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	Comment
				Drill out Plugs and clean out to PBTD. Held Safety Meeting. Nabors arrived and got rig running and ready.
Start Time	07:00	End Time	14:00	Comment
				SICP @ 0 psi / SITP @ 0 psi. @ 7:30am Tagged 1st Kill Plug @ 6350ft. Drilled up in 20 mins. @ 7:55am tagged 2nd Kill Plug @ 6360ft. Drilled up in 20mins. @ 8:30am tagged 1st Frac Plug @ 6570ft. Drilled up in 15mins. Hung back the Power swivel & RIH with tubing. @ 9:45am tagged 2nd Frac Plug @ 7330ft. Drilled up in 35mins. Tag Sand @ 7490ft washed out 40ft & RIH to 3rd plug. @ 11:00am tagged 3rd Frac Plug @ 7530ft. Drilled up in 20mins. Circ BU & RIH. Tagged Sand @ 8070ft Washed 150ft of sand to PBTD @ 8220ft. Circulate well clean with 200bbls/4%KCL.
Start Time	14:00	End Time	18:30	Comment
				Rack Swivel back and start POOH with Tbg. Pulled 180 joints and well started flowing. Circulate well with 70bbls/4%KCL, Pulled 20 more joints and well started flowing again. Stopped POOH. Circulated 60bbls/4%KCL...
Start Time	18:30	End Time	19:30	Comment
				Well continued to flow- RIH with 160 joints - EOT @ 6120ft. SDFN and secure well..... We will try to kill well again in morning and trip OOH.



**Summary Rig Activity**

Well Name: Ute Tribal 13-9-4-1E

Daily Operations		Report/End Date	24hr Activity Summary
Report Start Date	4/25/2014	4/26/2014	Kill Well and trip out with Workstring. Trip in hole with Production Tubing
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	08:00
Start Time	08:00	End Time	09:30
Start Time	09:30	End Time	11:00
Start Time	11:00	End Time	13:00
Start Time	13:00	End Time	16:00
Report Start Date	4/28/2014	4/28/2014	PU rod string. RU pumping unit. RDMOSU
Start Time	00:00	End Time	06:00
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	08:06
Start Time	08:06	End Time	12:06
Start Time	12:06	End Time	13:36
Start Time	13:36	End Time	16:06
Start Time	16:06	End Time	17:06

Comment	Hold safety meeting with Rig Crew.
Comment	SICP @ 600psi. SITP 0psi. Bleed Csg psi off.
Comment	Circulate well with 200bbls of 4% KCL.
Comment	POOH with workstring 190 joints - L/D Bit & Bit Sub
Comment	M/U BHA - RIH w/production. N/C. 2jts.S/N, 1jt. TAC, 237jts
Comment	Set TAC from floor, LAnd Tbg on Hanger, RD workflow, ND double gate pipe rams, ND single Gate Blind Rams, Unland Tbg, Remove SUB from below Hanger, Reland Tbg in 18k Tension, NU Wellhead & Flowline, Change over for Rods, RU Workflow. SDFN
Comment	SDFN
Comment	Crew travel
Comment	SICP 900 PSI - SICP 400 PSI - BLEED WELL OFF - PUMP 30 BBLs 4% KCL
Comment	P/U AND PRIME NEW PUMP - RIH W/ ROD STRING - (32) 7/8" 8 PER GUIDED, (89) 3/4" 4 PER GUIDED, (8) 3/4" 6 PER GUIDED, (55) 3/4" 4 PER GUIDED, (120) 7/8" 4 PER GUIDED, (1) 4' x 7/8" PONY ROD, (1) 1 1/2" x 30' POLISHED ROD
Comment	FILL Tbg W/ 5 BBLs - STROKE TEST PUMP TO 800 PSI - GOOD TEST - RU PUMPING UNIT - PWOP @ 2:30 W/ 144" STROKE LENGTH @ 5 SPM
Comment	RIG DOWN - RACK OUT PUMP AND HARDLINE - CLEAN UP LOCATION - CHANGE OIL IN RIG AND MUD PUMP
Comment	Crew travel

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6394
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 13-9-4-1E
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047520380000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WINDY RIDGE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0656 FSL 0627 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 09 Township: 04.0S Range: 01.0E Meridian: U		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> 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: 4/28/2014	<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 04/28/2014 at 14:00 hours. Production Sundry re-sent due to not being found in UDOGM well file.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
September 05, 2014**

<b>NAME (PLEASE PRINT)</b> Jennifer Peatross	<b>PHONE NUMBER</b> 435 646-4885	<b>TITLE</b> Production Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/4/2014	