

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Ute Tribal 6-19-4-2E				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT LELAND BENCH				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H626397			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Coleman Brothers LTD						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-671-2421				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 393 East Center Street, Heber City, UT 84032						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		1565 FNL 1857 FEL		SWNE	19	4.0 S	2.0 E	U		
Top of Uppermost Producing Zone		1471 FNL 2402 FWL		SENW	19	4.0 S	2.0 E	U		
At Total Depth		1471 FNL 2402 FWL		SENW	19	4.0 S	2.0 E	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1471			23. NUMBER OF ACRES IN DRILLING UNIT 40				
27. ELEVATION - GROUND LEVEL 4990			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1140			26. PROPOSED DEPTH MD: 7053 TVD: 6880				
			28. BOND NUMBER RLB0010462			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
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 - 7053	17.0	N-80 LT&C	9.0	35/65 Poz	262	3.5	11.0
							50/50 Poz	362	1.35	14.0
<b>ATTACHMENTS</b>										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier				TITLE Regulatory Tech			PHONE 435 646-4825			
SIGNATURE				DATE 02/25/2014			EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43047543140000				APPROVAL			 Permit Manager			

**Newfield Production Company**  
**Ute Tribal 6-19-4-2E**  
**Surface Hole Location: SW/NE Section 19, T4S, R2E**  
**Bottom Hole Location: SE/NW Section 19, T4S, R2E**  
**Uintah County, UT**

**Drilling Program**

**1. Formation Tops**

Uinta	surface
Green River	2,000'
Wasatch	6,730'
TD (TVD)	6,880'
TD (MD)	7,053'

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

Green River	2,000'	-	6,730'
Wasatch	6,730'	-	TD

Fresh water may be encountered in the Uinta Formation, but is not expected below about 700'.

**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	0'	500'	24	J-55	STC	8.33	8.4	12	2,950	1,370	244,000
8 5/8									10.52	8.51	20.33
Production	0'	7,053'	17	N-80	LTC	8.8	9	--	7,740	6,290	348,000
5 1/2									3.15	2.48	2.90

**Assumptions:**

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

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

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

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

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

## 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	237	15%	15.8	1.17
				203			
Production Lead	7 7/8	4,600'	35/65 Poz/Type II + 5% Bentonite	917	15%	11.0	3.5
				262			
Production Tail	7 7/8	2,453'	50/50 Poz/Type II	489	15%	14.0	1.35
				362			

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 PBDT 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.

$$6,880' \times 0.46 \text{ psi/ft} = 3148 \text{ psi}$$

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

**9. Other Aspects**

This is planned as a directional well. A directional plan will be included.

Newfield requests the following Variances from Onshore Order # 2:

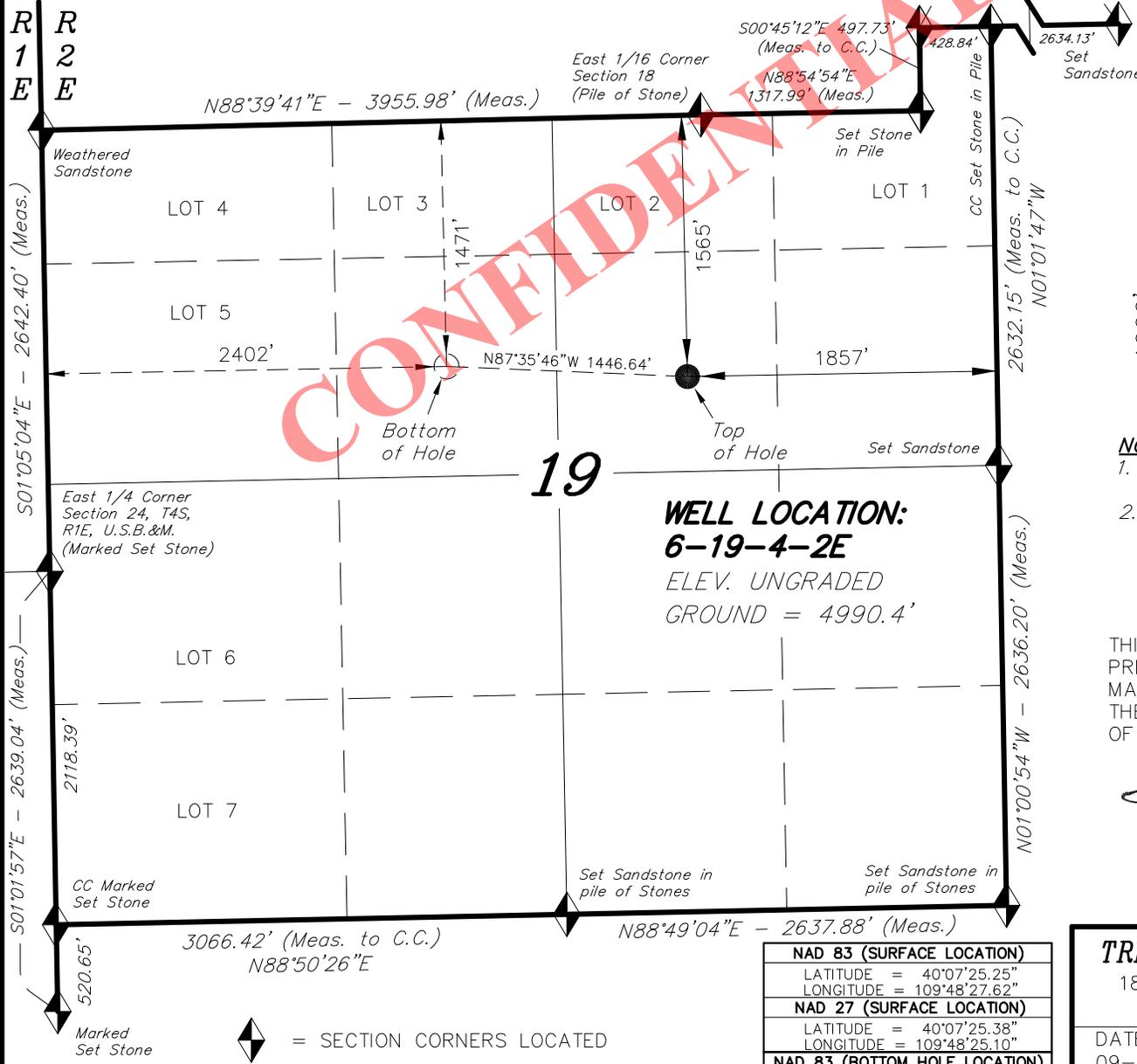
- Variance from Onshore Order 2, III.E.1

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

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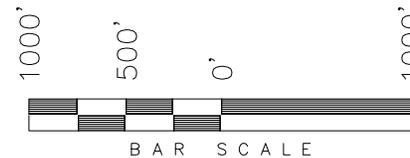
**T4S, R2E, U.S.B.&M.**

**NEWFIELD EXPLORATION COMPANY**



WELL LOCATION, 6-19-4-2E,  
 LOCATED AS SHOWN IN THE SW 1/4  
 NE 1/4 OF SECTION 19, T4S, R2E,  
 U.S.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, 6-19-4-2E,  
 LOCATED AS SHOWN IN THE SE 1/4  
 NW 1/4 OF SECTION 19, T4S, R2E,  
 U.S.B.&M. UINTAH COUNTY, UTAH.

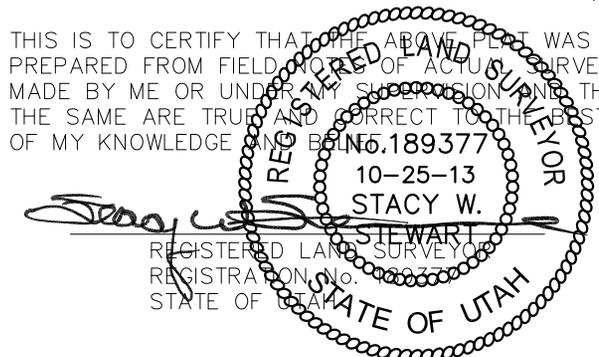


**NOTES:**

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 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.



<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°07'25.25"
LONGITUDE = 109°48'27.62"
<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°07'25.38"
LONGITUDE = 109°48'25.10"
<b>NAD 83 (BOTTOM HOLE LOCATION)</b>
LATITUDE = 40°07'26.12"
LONGITUDE = 109°48'46.20"
<b>NAD 27 (BOTTOM HOLE LOCATION)</b>
LATITUDE = 40°07'26.25"
LONGITUDE = 109°48'43.69"

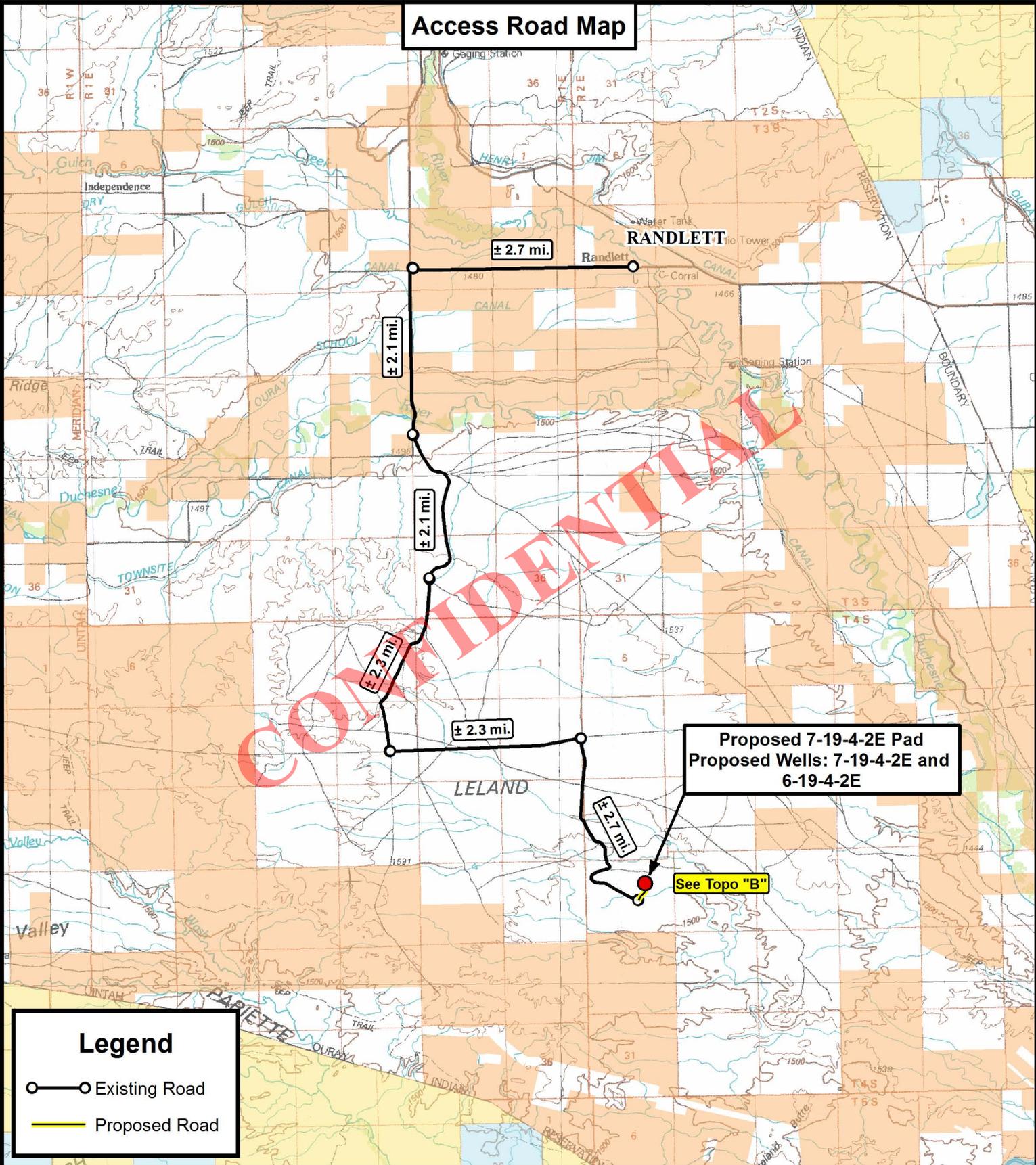
**TRI STATE LAND SURVEYING & CONSULTING**  
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
 (435) 781-2501

DATE SURVEYED: 09-24-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 10-25-13	DRAWN BY: V.H.	V1
REVISED:	SCALE: 1" = 1000'	

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'

◆ = SECTION CORNERS LOCATED

# Access Road Map



**Proposed 7-19-4-2E Pad**  
**Proposed Wells: 7-19-4-2E and 6-19-4-2E**

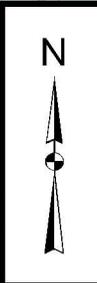
See Topo "B"

**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**

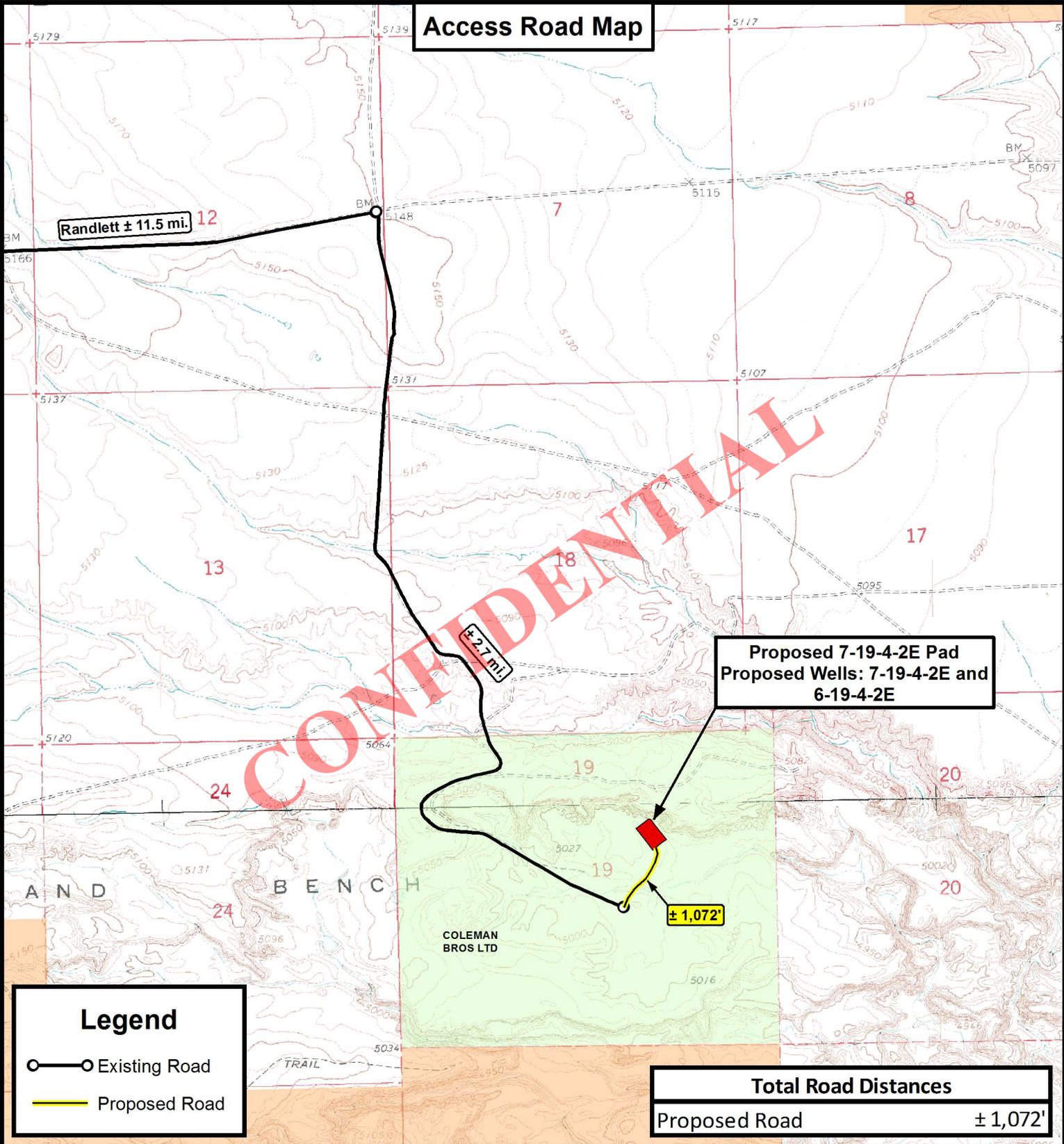
Proposed 7-19-4-2E Pad  
 Proposed Wells: 7-19-4-2E and 6-19-4-2E  
 Sec. 19, T4S, R2E, U.S.B.&M.  
 Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	10-25-2013		V1
SCALE:	1:100,000		

**TOPOGRAPHIC MAP**

SHEET **A**

**Access Road Map**



Randlett ± 11.5 mi. 12

± 2.1 mi

Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E and  
6-19-4-2E

± 1,072'

**Legend**

- Existing Road
- Proposed Road

Total Road Distances	
Proposed Road	± 1,072'

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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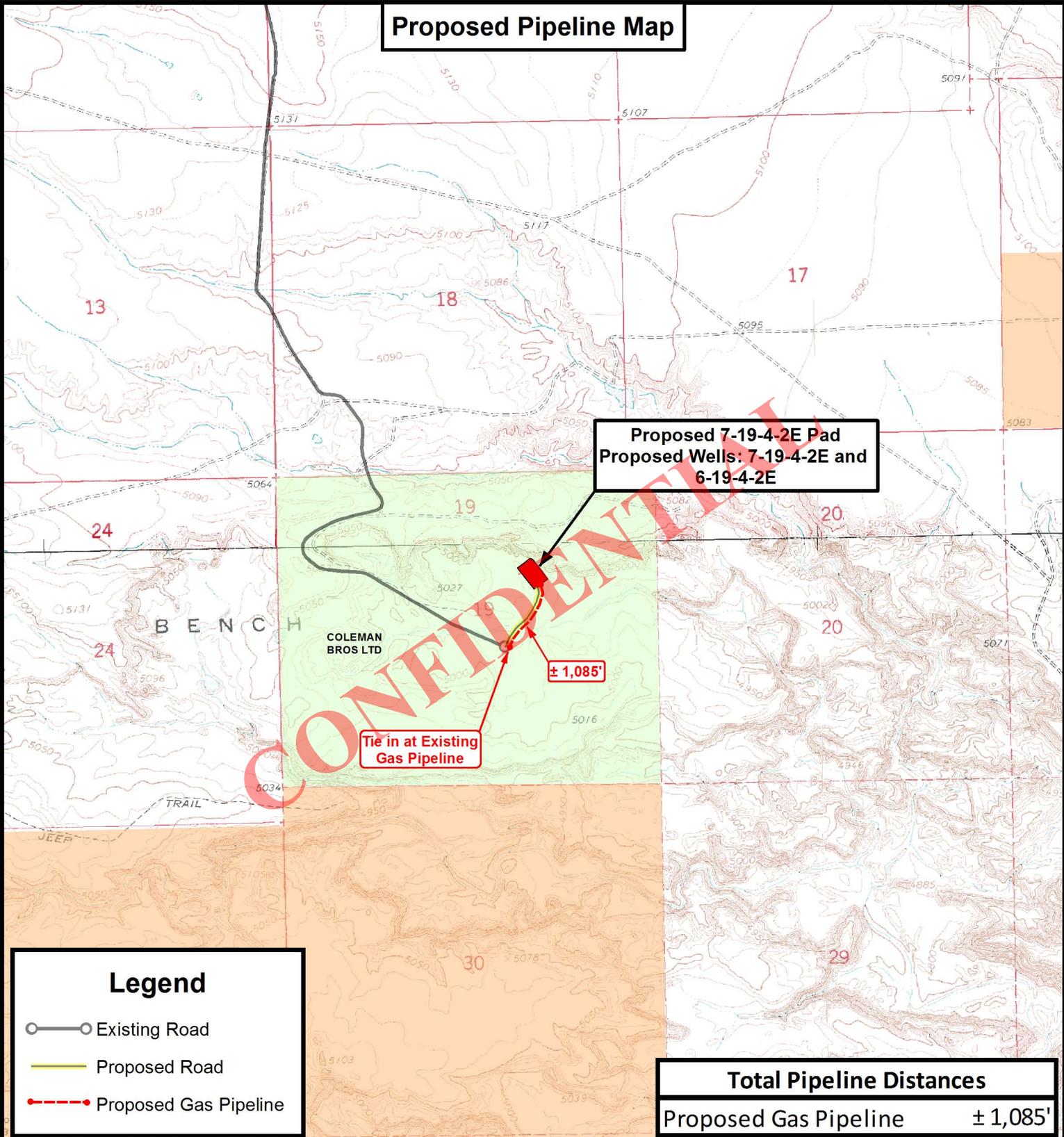
Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E and 6-19-4-2E  
Sec. 19, T4S, R2E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	10-25-13 A.P.C.	VERSION:
DATE:	09-13-2013			<b>V1</b>
SCALE:	1" = 2,000'			

**TOPOGRAPHIC MAP**

SHEET  
**B**

**Proposed Pipeline Map**



**Legend**

- Existing Road
- Proposed Road
- Proposed Gas Pipeline

**Total Pipeline Distances**

Proposed Gas Pipeline ± 1,085'

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DRAWN BY:	A.P.C.	REVISED:	10-25-13 A.P.C.	VERSION:
DATE:	09-13-2013			
SCALE:	1" = 2,000'			<b>V1</b>



**NEWFIELD EXPLORATION COMPANY**

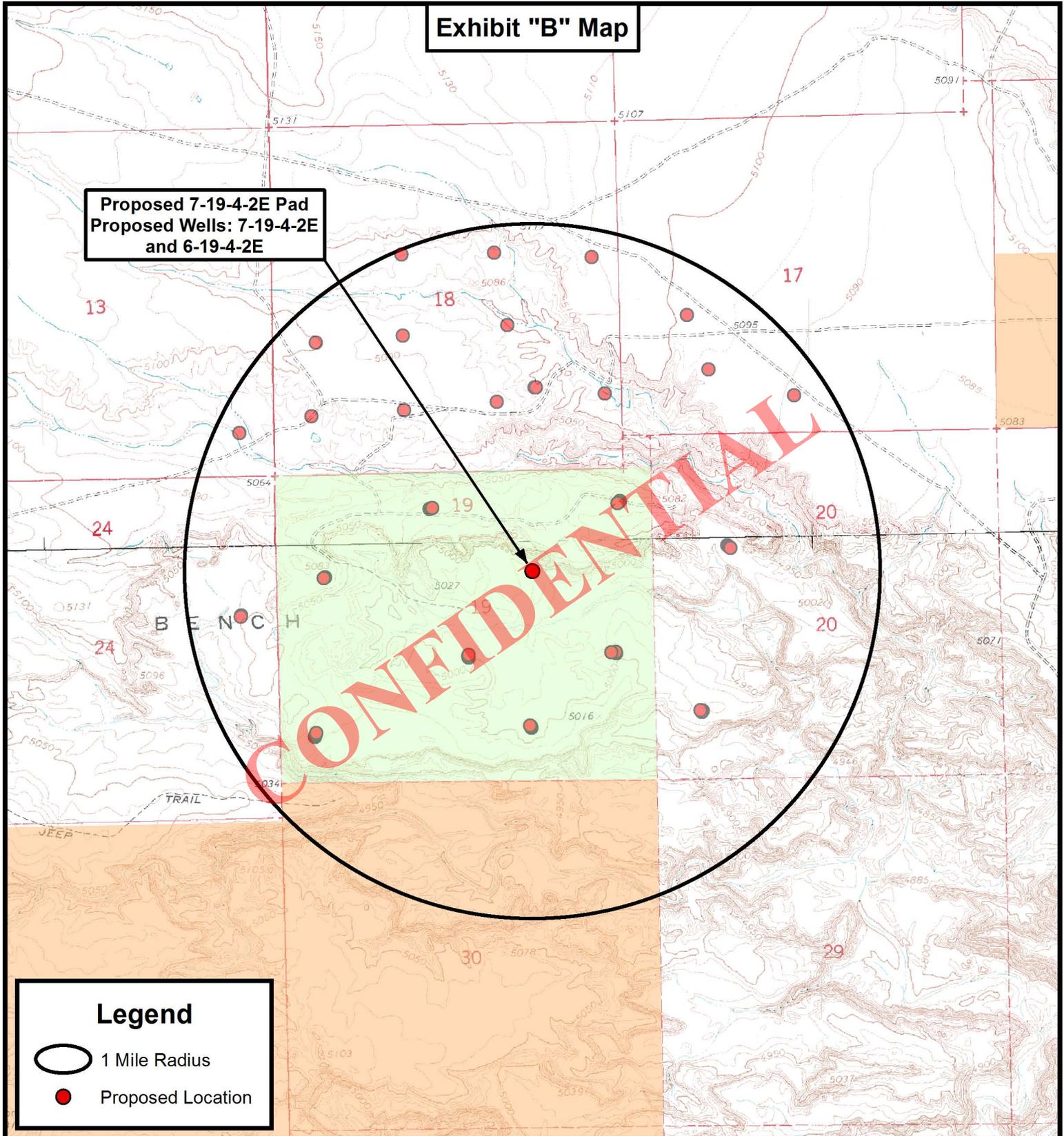
Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E and 6-19-4-2E  
Sec. 19, T4S, R2E, U.S.B.&M.  
Uintah County, UT.

**TOPOGRAPHIC MAP**

SHEET **C**

**Exhibit "B" Map**

**Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E  
and 6-19-4-2E**



**Legend**

-  1 Mile Radius
-  Proposed Location

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**NEWFIELD EXPLORATION COMPANY**  
Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E and 6-19-4-2E  
Sec. 19, T4S, R2E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	10-25-2013		<b>V1</b>
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP** SHEET **D**





# NEWFIELD EXPLORATION

USGS Myton SW (UT)  
SECTION 19 T4S, R2E  
6-19-4-2E

Wellbore #1

Plan: Design #1

## Standard Planning Report

14 February, 2014

CONFIDENTIAL





**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	6-19-4-2E @ 5000.0usft (PLAN)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	6-19-4-2E @ 5000.0usft (PLAN)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>North Reference:</b>	True
<b>Well:</b>	6-19-4-2E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

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

<b>Site</b>	SECTION 19 T4S, R2E				
<b>Site Position:</b>	<b>Northing:</b>	7,214,000.00 usft	<b>Latitude:</b>	40° 6' 43.090 N	
<b>From:</b> Map	<b>Easting:</b>	2,114,400.00 usft	<b>Longitude:</b>	109° 48' 18.587 W	
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	1.09 °

<b>Well</b>	6-19-4-2E, SHL: 40° 07' 25.25" -109° 48' 27.62"					
<b>Well Position</b>	<b>+N/-S</b>	4,265.9 usft	<b>Northing:</b>	7,218,251.80 usft	<b>Latitude:</b>	40° 7' 25.250 N
	<b>+E/-W</b>	-701.6 usft	<b>Easting:</b>	2,113,617.67 usft	<b>Longitude:</b>	109° 48' 27.620 W
<b>Position Uncertainty</b>	0.0 usft	<b>Wellhead Elevation:</b>	5,000.0 usft	<b>Ground Level:</b>	4,990.0 usft	

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2010	2/14/2014	(°)	(°)	(nT)
			10.88	65.84	52,089

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	273.49

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,531.4	13.97	273.49	1,522.2	6.9	-112.8	1.50	1.50	-9.29	273.49	
7,052.5	13.97	273.49	6,880.0	88.1	-1,443.2	0.00	0.00	0.00	0.00	6-19-4-2E TGT



**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	6-19-4-2E @ 5000.0usft (PLAN)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	6-19-4-2E @ 5000.0usft (PLAN)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>North Reference:</b>	True
<b>Well:</b>	6-19-4-2E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>Start DLS 1.50 TFO 273.49</b>									
700.0	1.50	273.49	700.0	0.1	-1.3	1.3	1.50	1.50	0.00
800.0	3.00	273.49	799.9	0.3	-5.2	5.2	1.50	1.50	0.00
900.0	4.50	273.49	899.7	0.7	-11.8	11.8	1.50	1.50	0.00
1,000.0	6.00	273.49	999.3	1.3	-20.9	20.9	1.50	1.50	0.00
1,100.0	7.50	273.49	1,098.6	2.0	-32.6	32.7	1.50	1.50	0.00
1,200.0	9.00	273.49	1,197.5	2.9	-46.9	47.0	1.50	1.50	0.00
1,300.0	10.50	273.49	1,296.1	3.9	-63.8	64.0	1.50	1.50	0.00
1,400.0	12.00	273.49	1,394.2	5.1	-83.3	83.5	1.50	1.50	0.00
1,500.0	13.50	273.49	1,491.7	6.4	-105.3	105.5	1.50	1.50	0.00
1,531.4	13.97	273.49	1,522.2	6.9	-112.8	113.0	1.50	1.50	0.00
<b>Start 5521.2 hold at 1531.4 MD</b>									
1,600.0	13.97	273.49	1,588.8	7.9	-129.3	129.6	0.00	0.00	0.00
1,700.0	13.97	273.49	1,685.8	9.4	-153.4	153.7	0.00	0.00	0.00
1,800.0	13.97	273.49	1,782.9	10.8	-177.5	177.8	0.00	0.00	0.00
1,900.0	13.97	273.49	1,879.9	12.3	-201.6	202.0	0.00	0.00	0.00
2,000.0	13.97	273.49	1,976.9	13.8	-225.7	226.1	0.00	0.00	0.00
2,100.0	13.97	273.49	2,074.0	15.2	-249.8	250.3	0.00	0.00	0.00
2,200.0	13.97	273.49	2,171.0	16.7	-273.9	274.4	0.00	0.00	0.00
2,300.0	13.97	273.49	2,268.1	18.2	-298.0	298.5	0.00	0.00	0.00
2,400.0	13.97	273.49	2,365.1	19.7	-322.1	322.7	0.00	0.00	0.00
2,500.0	13.97	273.49	2,462.1	21.1	-346.2	346.8	0.00	0.00	0.00
2,600.0	13.97	273.49	2,559.2	22.6	-370.3	371.0	0.00	0.00	0.00
2,700.0	13.97	273.49	2,656.2	24.1	-394.4	395.1	0.00	0.00	0.00
2,800.0	13.97	273.49	2,753.3	25.5	-418.5	419.3	0.00	0.00	0.00
2,900.0	13.97	273.49	2,850.3	27.0	-442.6	443.4	0.00	0.00	0.00
3,000.0	13.97	273.49	2,947.4	28.5	-466.7	467.5	0.00	0.00	0.00
3,100.0	13.97	273.49	3,044.4	30.0	-490.8	491.7	0.00	0.00	0.00
3,200.0	13.97	273.49	3,141.4	31.4	-514.9	515.8	0.00	0.00	0.00
3,300.0	13.97	273.49	3,238.5	32.9	-539.0	540.0	0.00	0.00	0.00
3,400.0	13.97	273.49	3,335.5	34.4	-563.1	564.1	0.00	0.00	0.00
3,500.0	13.97	273.49	3,432.6	35.8	-587.2	588.3	0.00	0.00	0.00
3,600.0	13.97	273.49	3,529.6	37.3	-611.3	612.4	0.00	0.00	0.00
3,700.0	13.97	273.49	3,626.7	38.8	-635.4	636.5	0.00	0.00	0.00
3,800.0	13.97	273.49	3,723.7	40.2	-659.4	660.7	0.00	0.00	0.00
3,900.0	13.97	273.49	3,820.7	41.7	-683.5	684.8	0.00	0.00	0.00
4,000.0	13.97	273.49	3,917.8	43.2	-707.6	709.0	0.00	0.00	0.00
4,100.0	13.97	273.49	4,014.8	44.7	-731.7	733.1	0.00	0.00	0.00
4,200.0	13.97	273.49	4,111.9	46.1	-755.8	757.2	0.00	0.00	0.00
4,300.0	13.97	273.49	4,208.9	47.6	-779.9	781.4	0.00	0.00	0.00
4,400.0	13.97	273.49	4,305.9	49.1	-804.0	805.5	0.00	0.00	0.00
4,500.0	13.97	273.49	4,403.0	50.5	-828.1	829.7	0.00	0.00	0.00
4,600.0	13.97	273.49	4,500.0	52.0	-852.2	853.8	0.00	0.00	0.00
4,700.0	13.97	273.49	4,597.1	53.5	-876.3	878.0	0.00	0.00	0.00
4,800.0	13.97	273.49	4,694.1	55.0	-900.4	902.1	0.00	0.00	0.00
4,900.0	13.97	273.49	4,791.2	56.4	-924.5	926.2	0.00	0.00	0.00
5,000.0	13.97	273.49	4,888.2	57.9	-948.6	950.4	0.00	0.00	0.00



**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	6-19-4-2E @ 5000.0usft (PLAN)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	6-19-4-2E @ 5000.0usft (PLAN)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>North Reference:</b>	True
<b>Well:</b>	6-19-4-2E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

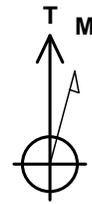
Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,100.0	13.97	273.49	4,985.2	59.4	-972.7	974.5	0.00	0.00	0.00	
5,200.0	13.97	273.49	5,082.3	60.8	-996.8	998.7	0.00	0.00	0.00	
5,300.0	13.97	273.49	5,179.3	62.3	-1,020.9	1,022.8	0.00	0.00	0.00	
5,400.0	13.97	273.49	5,276.4	63.8	-1,045.0	1,046.9	0.00	0.00	0.00	
5,500.0	13.97	273.49	5,373.4	65.2	-1,069.1	1,071.1	0.00	0.00	0.00	
5,600.0	13.97	273.49	5,470.5	66.7	-1,093.2	1,095.2	0.00	0.00	0.00	
5,700.0	13.97	273.49	5,567.5	68.2	-1,117.3	1,119.4	0.00	0.00	0.00	
5,800.0	13.97	273.49	5,664.5	69.7	-1,141.4	1,143.5	0.00	0.00	0.00	
5,900.0	13.97	273.49	5,761.6	71.1	-1,165.5	1,167.7	0.00	0.00	0.00	
6,000.0	13.97	273.49	5,858.6	72.6	-1,189.6	1,191.8	0.00	0.00	0.00	
6,100.0	13.97	273.49	5,955.7	74.1	-1,213.7	1,215.9	0.00	0.00	0.00	
6,200.0	13.97	273.49	6,052.7	75.5	-1,237.8	1,240.1	0.00	0.00	0.00	
6,300.0	13.97	273.49	6,149.7	77.0	-1,261.9	1,264.2	0.00	0.00	0.00	
6,400.0	13.97	273.49	6,246.8	78.5	-1,286.0	1,288.4	0.00	0.00	0.00	
6,500.0	13.97	273.49	6,343.8	80.0	-1,310.1	1,312.5	0.00	0.00	0.00	
6,600.0	13.97	273.49	6,440.9	81.4	-1,334.2	1,336.6	0.00	0.00	0.00	
6,700.0	13.97	273.49	6,537.9	82.9	-1,358.3	1,360.8	0.00	0.00	0.00	
6,800.0	13.97	273.49	6,635.0	84.4	-1,382.4	1,384.9	0.00	0.00	0.00	
6,900.0	13.97	273.49	6,732.0	85.8	-1,406.5	1,409.1	0.00	0.00	0.00	
7,000.0	13.97	273.49	6,829.0	87.3	-1,430.6	1,433.2	0.00	0.00	0.00	
7,052.5	13.97	273.49	6,880.0	88.1	-1,443.2	1,445.9	0.00	0.00	0.00	
<b>TD at 7052.5</b>										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
6-19-4-2E TGT	0.00	0.00	6,880.0	88.1	-1,443.2	7,218,312.56	2,112,173.05	40° 7' 26.120 N	109° 48' 46.200 W	
- hit/miss target										
- Shape										
- plan hits target center										
- Circle (radius 75.0)										

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
600.0	600.0	0.0	0.0	Start DLS 1.50 TFO 273.49	
1,531.4	1,522.2	6.9	-112.8	Start 5521.2 hold at 1531.4 MD	
7,052.5	6,880.0	88.1	-1,443.2	TD at 7052.5	



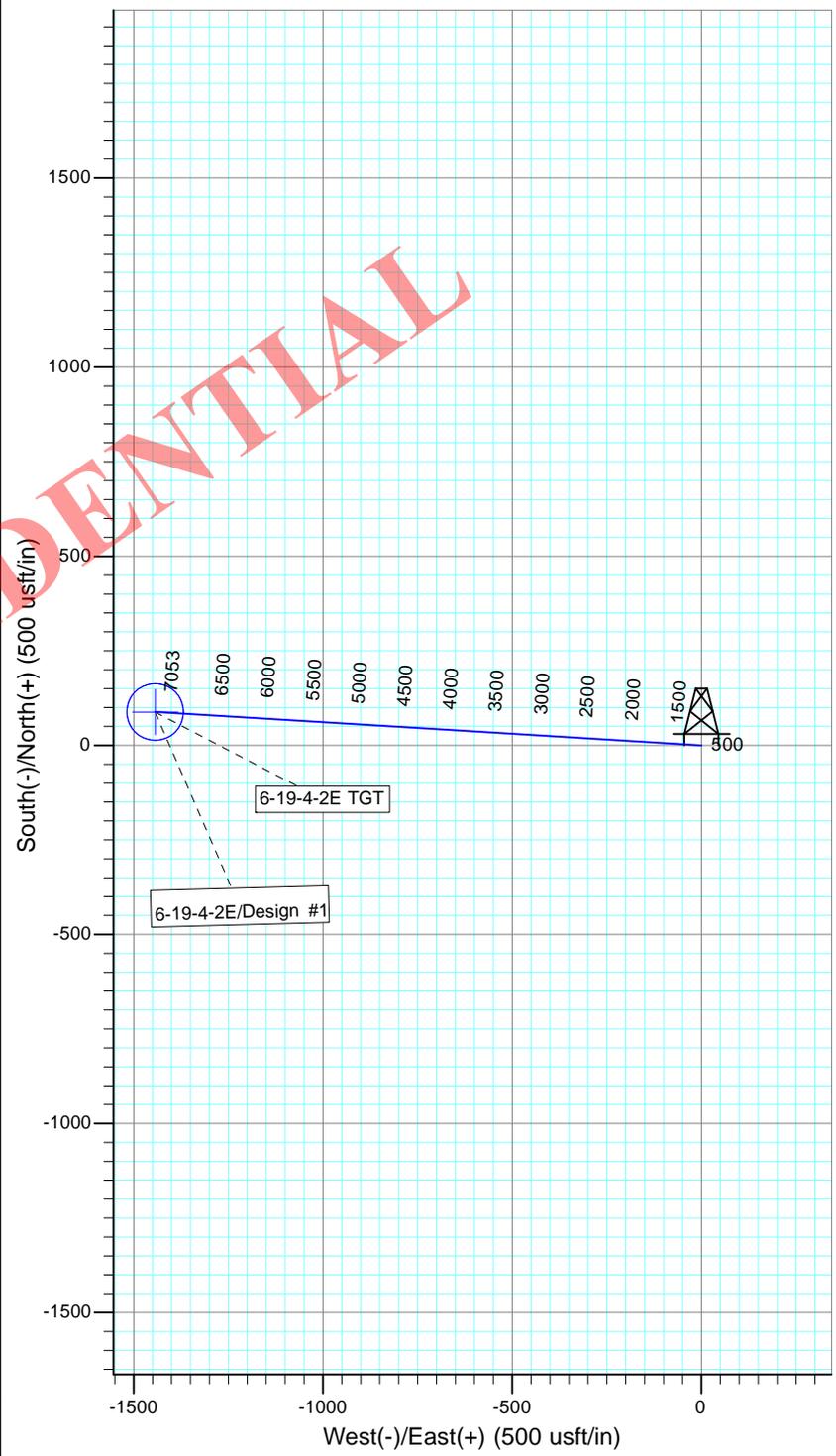
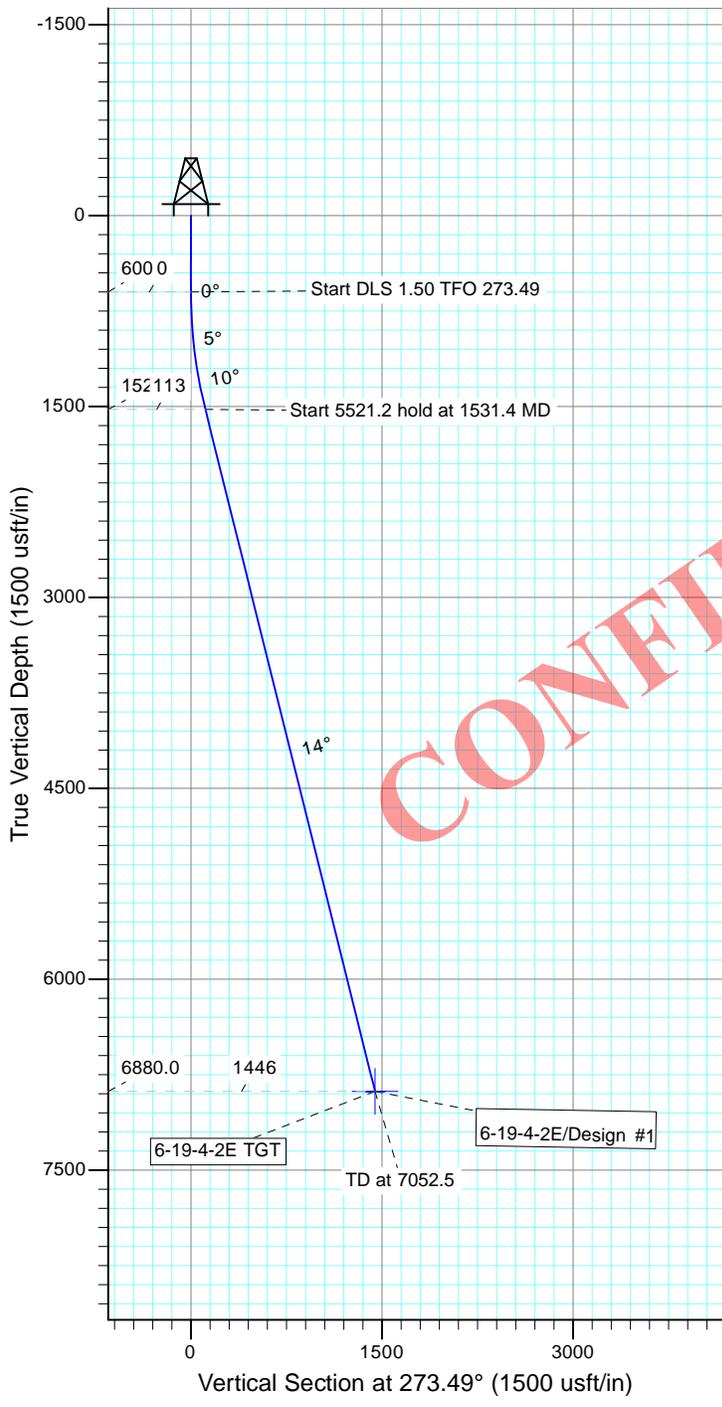
Project: USGS Myton SW (UT)  
 Site: SECTION 19 T4S, R2E  
 Well: 6-19-4-2E  
 Wellbore: Wellbore #1  
 Design: Design #1



Azimuths to True North  
 Magnetic North: 10.88°

Magnetic Field  
 Strength: 52088.7snT  
 Dip Angle: 65.84°  
 Date: 2/14/2014  
 Model: IGRF2010

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



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WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
6-19-4-2E TGT	6880.0	88.1	-1443.2	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1531.4	13.97	273.49	1522.2	6.9	-112.8	1.50	273.49	113.0	
4	7052.5	13.97	273.49	6880.0	88.1	-1443.2	0.00	0.00	1445.9	6-19-4-2E TGT



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

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

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17<sup>th</sup> Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed UT 6-19-4-2E well which will be directionally drilled from a surface location to be positioned in the SWNE of Section 19, Township 4 South, Range 2 East, Uintah County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Coleman Brothers LTD, et al, whose address is 393 East Center, Heber City, UT 84032 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated June 9, 2010 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

**CONFIDENTIAL**

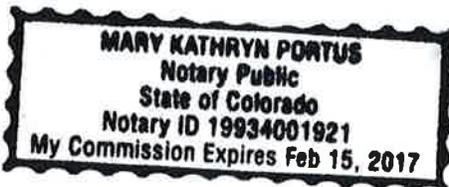
ACKNOWLEDGEMENT

STATE OF COLORADO           §  
  §  
COUNTY OF DENVER           §

Before me, a Notary Public, in and for the State, on this 12th day of February, 2014, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

Mary Kathryn Portus  
NOTARY PUBLIC

My Commission Expires:



**NEWFIELD PRODUCTION COMPANY  
UTE TRIBAL 6-19-4-2E  
AT SURFACE: SW/NE SECTION 19, T4S, R2E  
UINTAH COUNTY, UTAH**

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

The onsite inspection for this pad will need to be set up as soon as the APD is received by the BLM. This is a proposed directional well that will be drilled off a proposed Fee Surface well pad.

**1. EXISTING ROADS**

- a) To reach Newfield Production Company well location site Ute Tribal 6-19-4-2E, 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 6.5 miles to it's junction with an existing road to the west; proceed in an westerly direction approximately 2.3 miles to it's junction with an existing road to the south; proceed in a southeasterly direction approximately 2.7 miles to it's junction with the beginning of the proposed access road to the northeast; proceed in a northeasterly directional along the proposed access road approximately 1,072' to the proposed 7-19-4-2E well location.
- b) The proposed location is approximately 14.4 miles south 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 1,072 feet of access road trending northeast 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 1,085' of proposed gas pipeline. 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 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, et al. See attached Surface Use Affidavit.

**12. OTHER ADDITIONAL INFORMATION**

- a) The Archaeological Resource Survey for this area is attached. State of Utah Antiquities Project Permit #U-13-MQ-0885p 11/11/13. 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 #6-19-4-2E, Section 19, Township 4S, Range 2E: BIA Lease #14-20-H62-6397, 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.

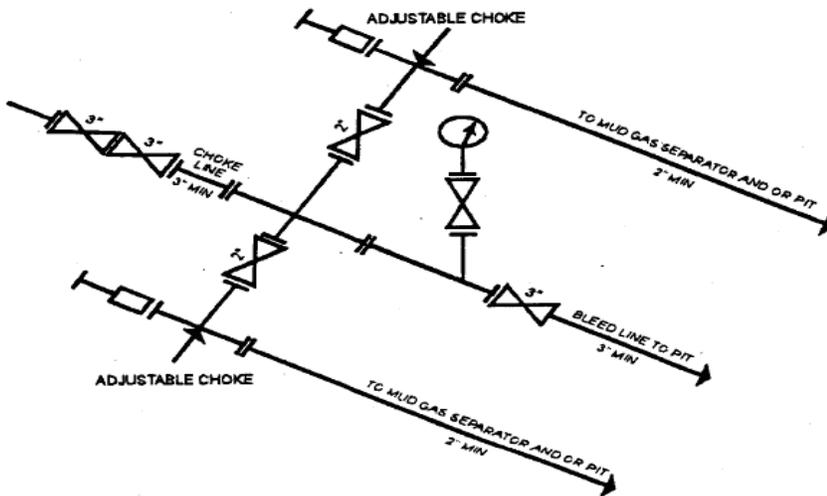
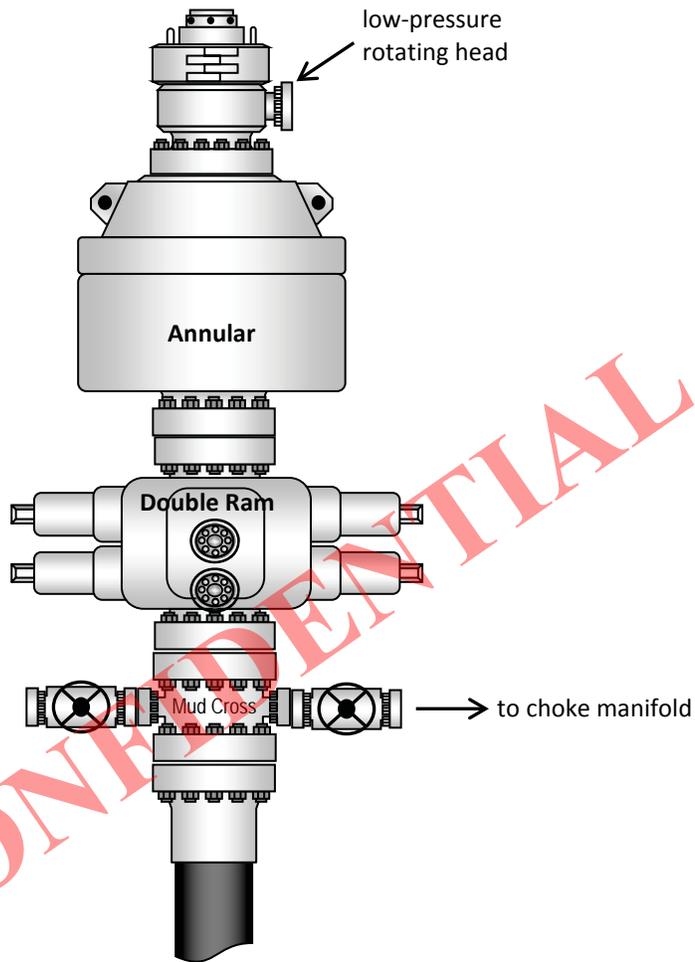
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will 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.

\_\_\_\_\_  
Date 2/14/14

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

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### Typical 3M BOP Stack Configuration



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

# NEWFIELD EXPLORATION COMPANY

## WELL PAD INTERFERENCE PLAT

### PROPOSED 7-19-4-2E PAD

### PROPOSED WELLS: 7-19-4-2E AND 6-19-4-2E

Pad Location: SWNE Section 19, T4S, R2E, U.S.B.&M.



#### TOP HOLE FOOTAGES

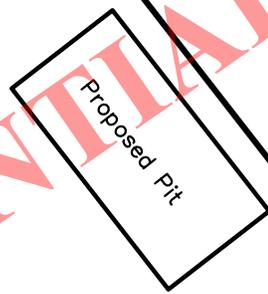
7-19-4-2E  
1569' FNL & 1836' FEL  
6-19-4-2E  
1565' FNL & 1857' FEL

Edge of Proposed Pad

Existing Drainage (Typ.)

N37°52'11"W

N87°35'46"W - 1446.64'  
(To Bottom of Hole)



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**Note:**

Bearings are based on GPS Observations.

#### RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
6-19-4-2E	61'	-1,445'

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

WELL	LATITUDE	LONGITUDE
7-19-4-2E	40° 07' 25.22"	109° 48' 27.35"
6-19-4-2E	40° 07' 25.25"	109° 48' 27.62"

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

WELL	LATITUDE	LONGITUDE
6-19-4-2E	40° 07' 26.12"	109° 48' 46.20"

#### BOTTOM HOLE FOOTAGES

6-19-4-2E  
1471' FNL & 2402' FWL

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-13	VERSION: V1
DRAWN BY: V.H.	DATE DRAWN: 10-25-13	
SCALE: 1" = 60'	REVISED:	

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

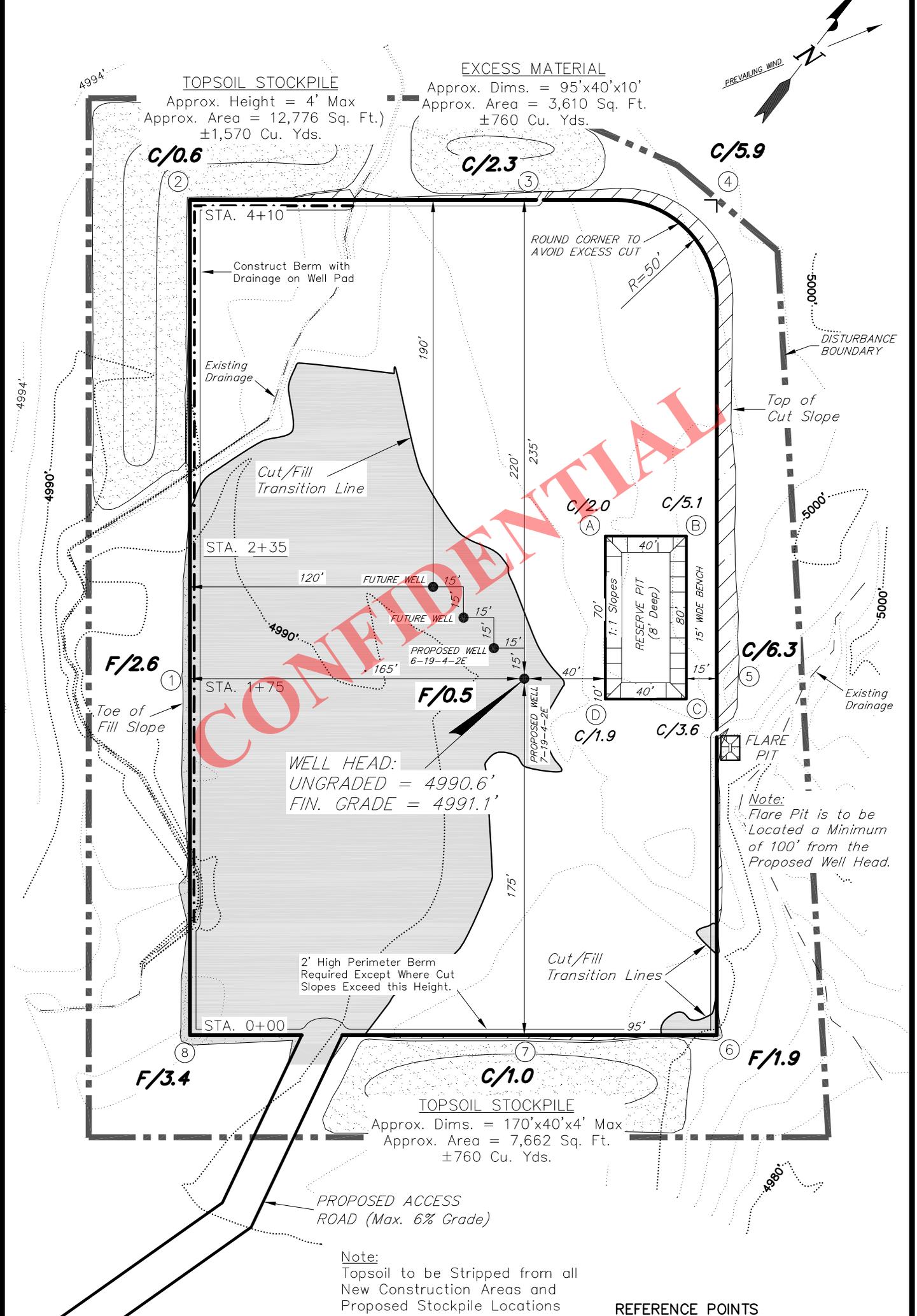
# NEWFIELD EXPLORATION COMPANY

## PROPOSED LOCATION LAYOUT

### PROPOSED 7-19-4-2E PAD

### PROPOSED WELLS: 7-19-4-2E AND 6-19-4-2E

Pad Location: SWNE Section 19, T4S, R2E, U.S.B.&M.



NOTE:  
The topsoil & excess material areas are calculated as being mounds containing 3,090 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.

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

**REFERENCE POINTS**

- 215' SOUTHWESTERLY - 4988.4'
- 265' SOUTHWESTERLY - 4994.9'
- 260' NORTHWESTERLY - 4993.8'
- 310' NORTHWESTERLY - 4994.9'

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-13	VERSION:
DRAWN BY: L.K.	DATE DRAWN: 09-11-13	V1
SCALE: 1" = 60'	REVISED: V.H. 10-25-13	

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

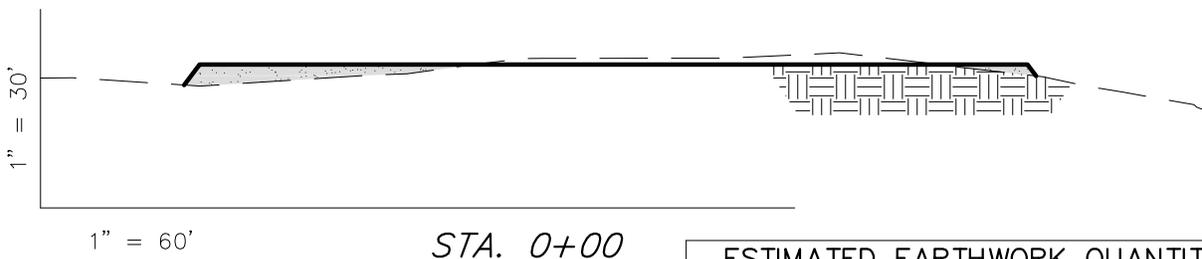
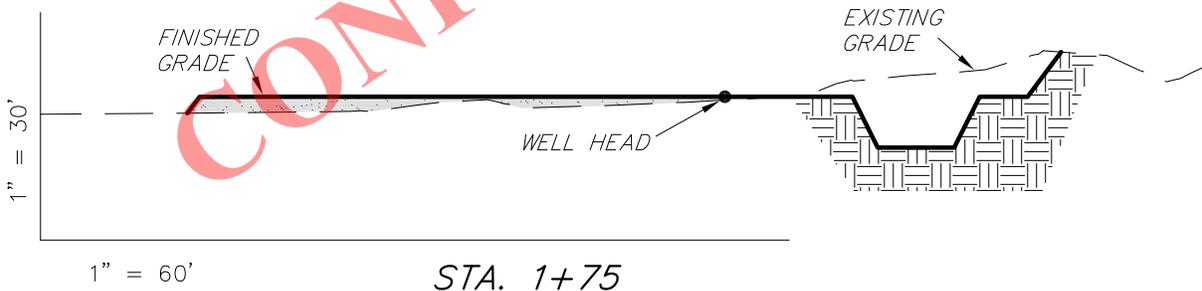
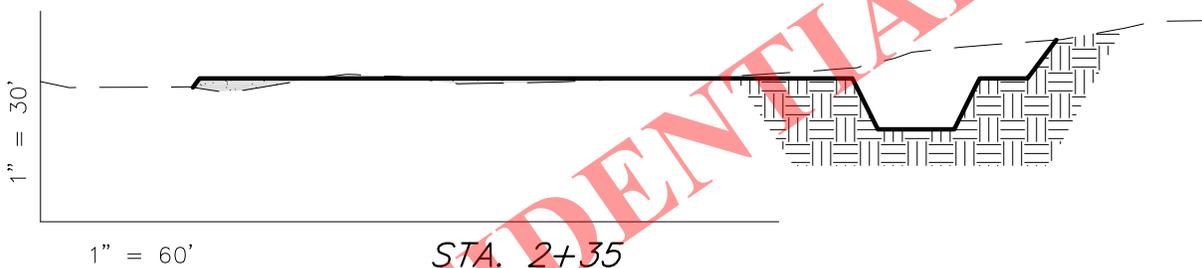
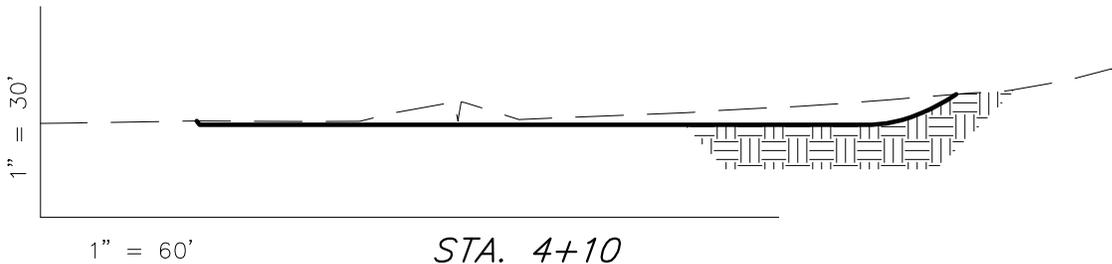
# NEWFIELD EXPLORATION COMPANY

## CROSS SECTIONS

### PROPOSED 7-19-4-2E PAD

#### PROPOSED WELLS: 7-19-4-2E AND 6-19-4-2E

Pad Location: SWNE Section 19, T4S, R2E, U.S.B.&M.



CONFIDENTIAL

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,260	3,260	Topsoil is not included in Pad Cut Volume	0
PIT	690	0		690
<b>TOTALS</b>	<b>3,950</b>	<b>3,260</b>	<b>2,120</b>	<b>690</b>

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-13	VERSION: V1
DRAWN BY: V.H.	DATE DRAWN: 10-25-13	
SCALE: 1" = 60'	REVISED:	

(435) 781-2501

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

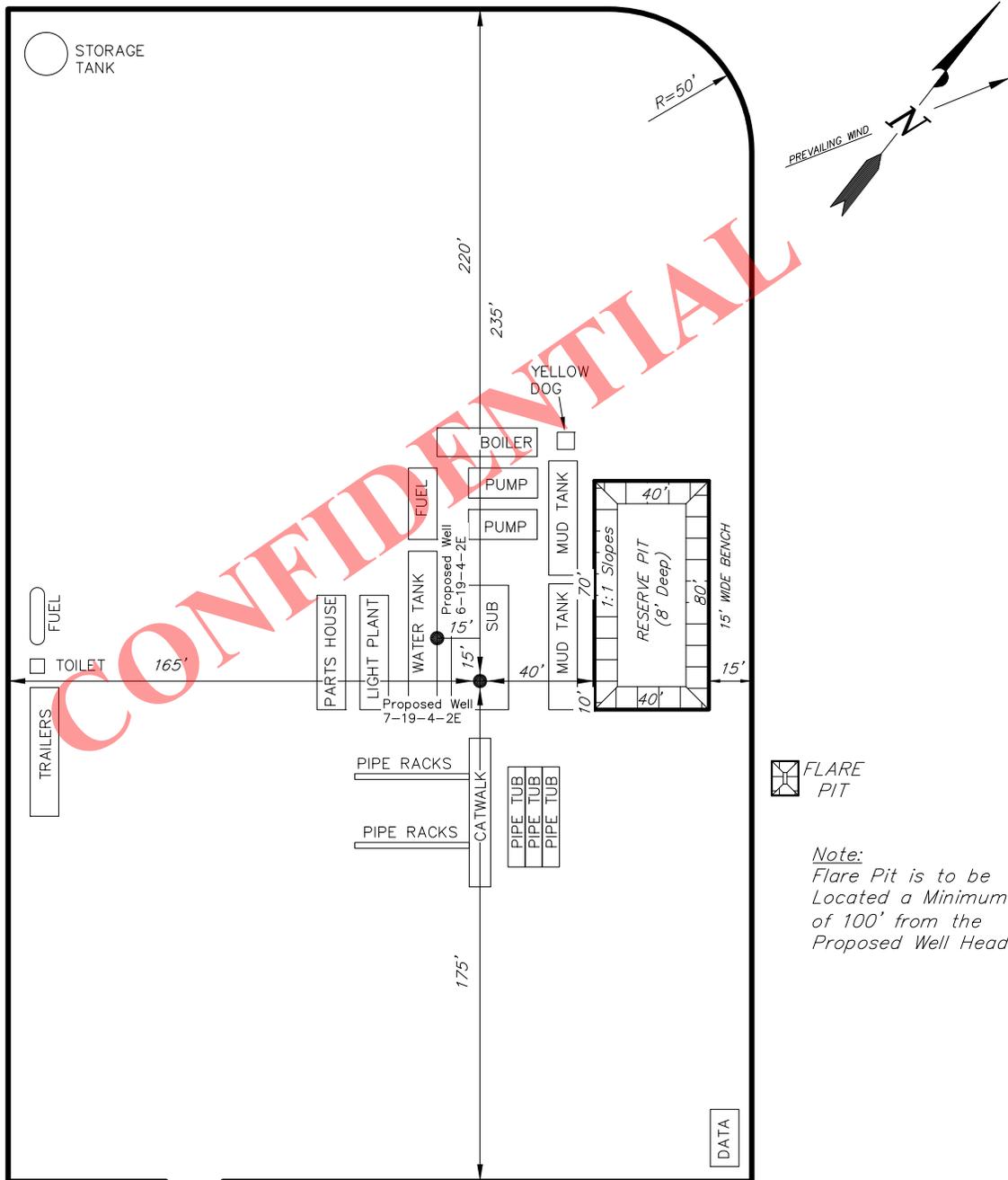
# NEWFIELD EXPLORATION COMPANY

## TYPICAL RIG LAYOUT

### PROPOSED 7-19-4-2E PAD

### PROPOSED WELLS: 7-19-4-2E AND 6-19-4-2E

Pad Location: SWNE Section 19, T4S, R2E, U.S.B.&M.



FLARE PIT

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

PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-13	VERSION:
DRAWN BY: V.H.	DATE DRAWN: 10-25-13	V1
SCALE: 1" = 60'	REVISED:	

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

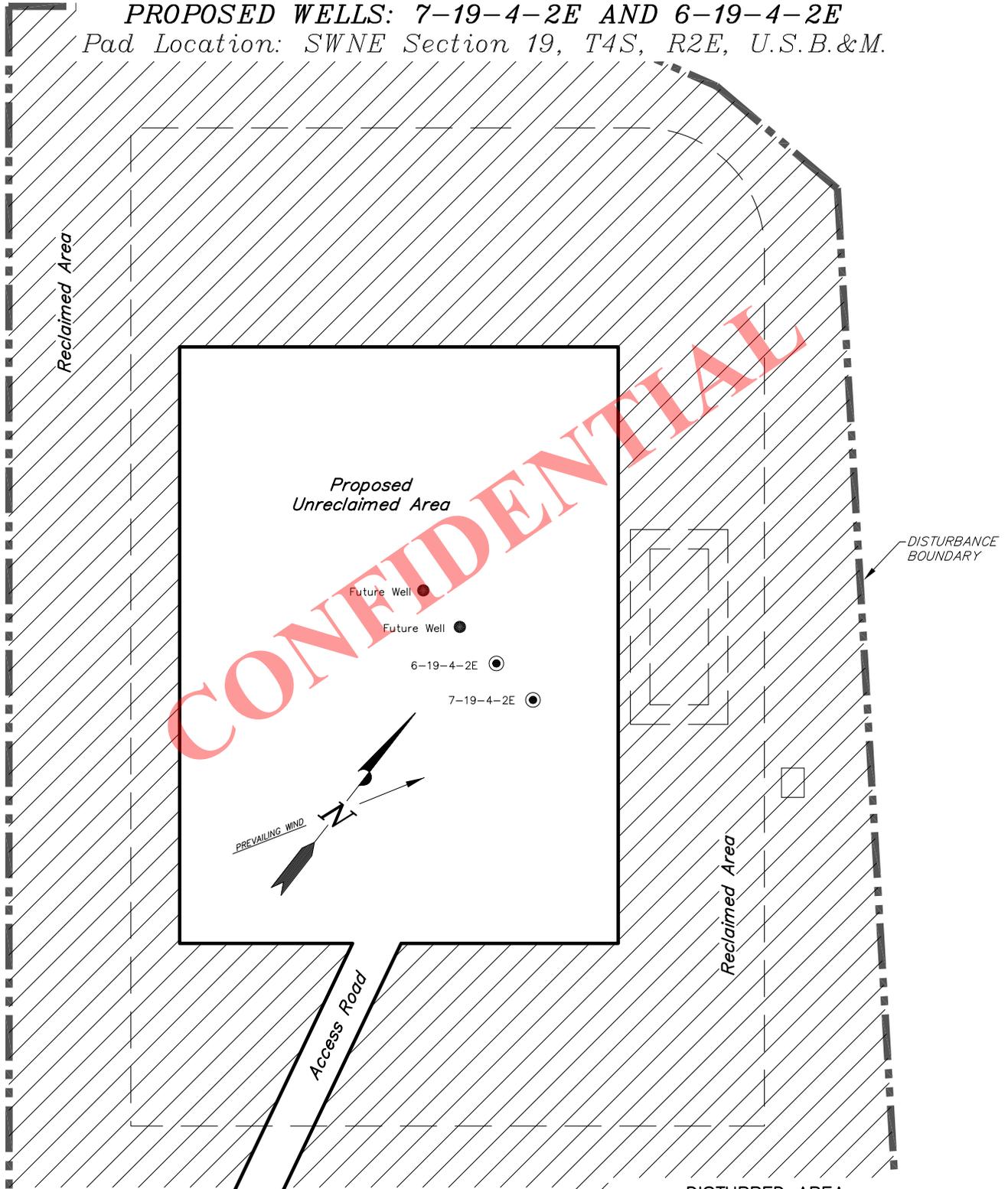
# NEWFIELD EXPLORATION COMPANY

## RECLAMATION LAYOUT

### PROPOSED 7-19-4-2E PAD

#### PROPOSED WELLS: 7-19-4-2E AND 6-19-4-2E

Pad Location: SWNE Section 19, T4S, R2E, 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 = ± 4.02 ACRES
- TOTAL RECLAIMED AREA = ± 2.91 ACRES
- UNRECLAIMED AREA = ± 1.11 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-13	VERSION:
DRAWN BY: V.H.	DATE DRAWN: 10-25-13	V1
SCALE: 1" = 60'	REVISED:	

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

# NEWFIELD EXPLORATION COMPANY

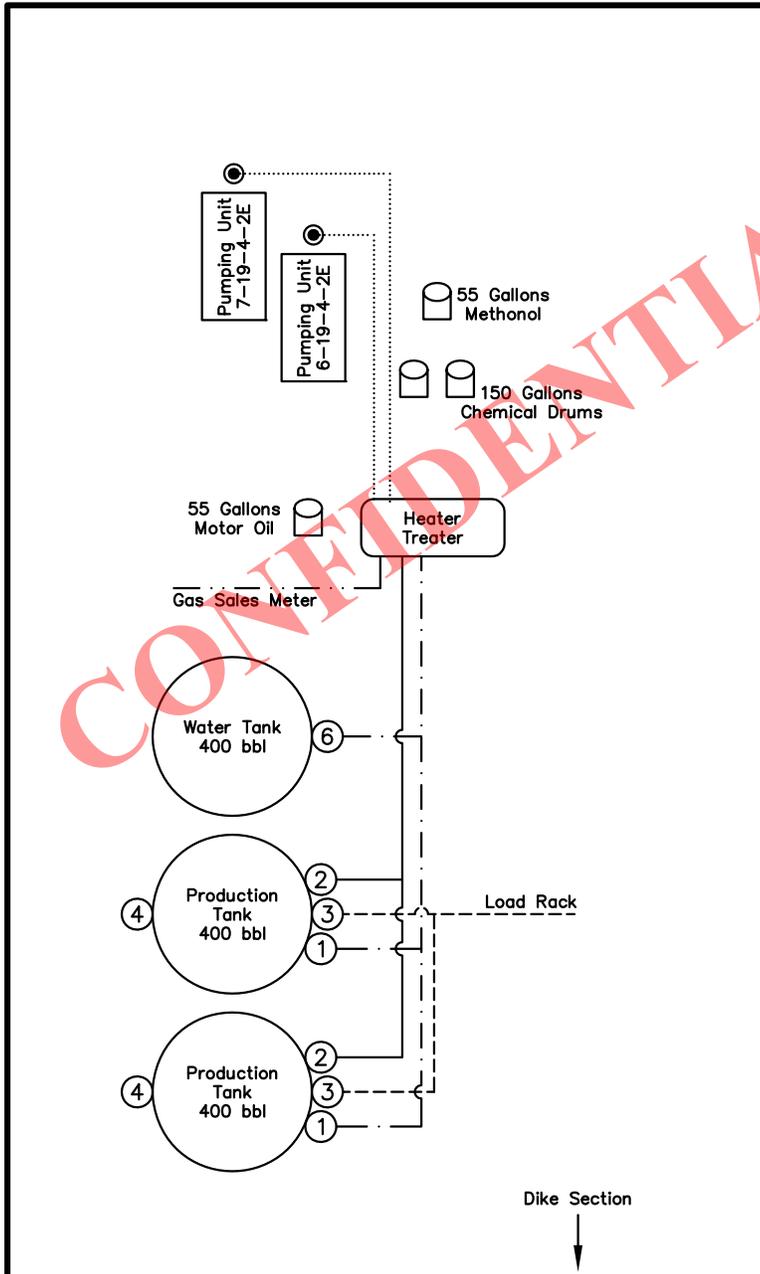
## PROPOSED SITE FACILITY DIAGRAM

7-19-4-2E PAD

7-19-4-2E 14-20-H62-6397

6-19-4-2E 14-20-H62-6397

*Pad Location: SWNE Section 19, T4S, R2E, U.S.B.&M.  
Uintah County, Utah*



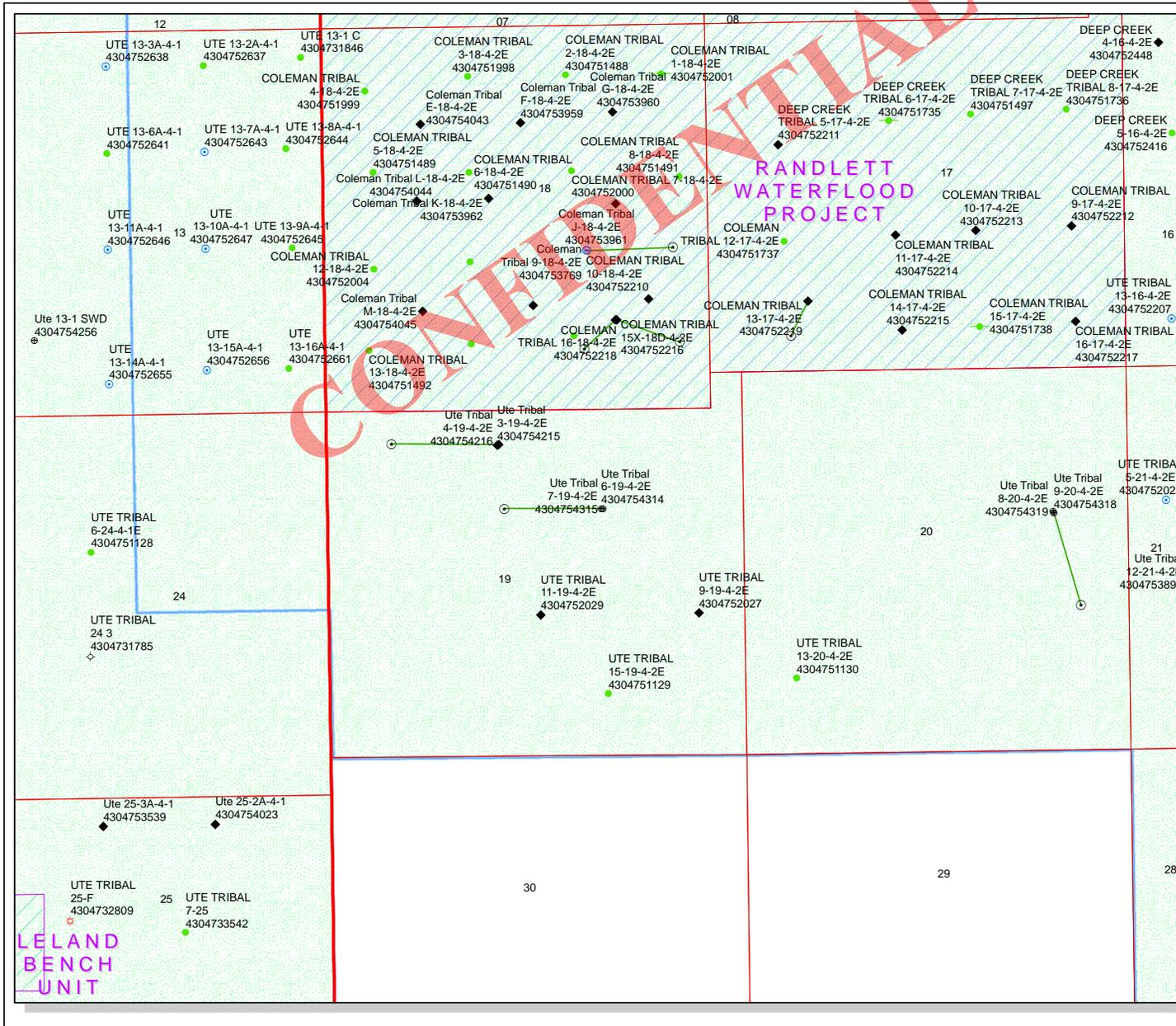
**Legend**

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

NOT TO SCALE

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-13	VERSION:
DRAWN BY: V.H.	DATE DRAWN: 10-25-13	V1
SCALE: NONE	REVISED:	

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



API Number: 4304754314

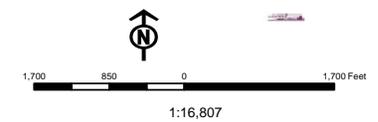
Well Name: Ute Tribal 6-19-4-2E

Township: T04.0S Range: R02.0E Section: 19 Meridian: U

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 2/27/2014  
Map Produced by Diana Mason

Wells Query		Units	
<b>Status</b>		<b>STATUS</b>	
◆ APD - Approved Permit	◆	□ ACTIVE	□ EXPLORATORY
○ DRL - Spudded (Drilling Commenced)	○	□ GAS STORAGE	□ NF PP OIL
◆ GW - Gas Injection	◆	□ NF SECONDARY	□ PI OIL
◆ GS - Gas Storage	◆	□ PP GAS	□ PP GEOTHERM
⊕ LOC - New Location	⊕	□ PP OIL	□ SECONDARY
⊖ OPS - Operation Suspended	⊖	□ TERMINATED	
⊖ PA - Plugged Abandoned	⊖		
◆ PGW - Producing Gas Well	◆		
◆ POW - Producing Oil Well	◆		
◆ SGW - Shut-in Gas Well	◆		
◆ SGW - Shut-in Oil Well	◆		
◆ TA - Temp. Abandoned	◆		
○ TW - Test Well	○		
○ WDW - Water Disposal	○		
○ WW - Water Injection Well	○		
○ WSW - Water Supply Well	○		
		<b>Fields</b>	
		<b>STATUS</b>	
		□ Unknown	□ ABANDONED
		□ ACTIVE	□ COMBINED
		□ INACTIVE	□ STORAGE
		□ TERMINATED	□ TERMINATED



NEWFIELD



VIA ELECTRONIC DELIVERY

**Newfield Exploration Company**

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

March 18, 2014

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

RE: Directional Drilling  
**Ute Tribal 6-19-4-2E**

Surface Hole: T4S-R2E Section 19: SWNE  
1565' FNL 1857' FEL

At Target: T4S-R2E Section 19: SENW  
1471' FNL 2402' FWL

Uintah County, Utah

Dear Ms. Mason:

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

NPC is permitting this well as a directional well in order to avoid protective cactus habitat as well as avoiding the ephemeral drainage areas.

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

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

Sincerely,  
Newfield Production Company

Leslie Burget  
Land Associate

VIA ELECTRONIC DELIVERY

NEWFIELD



March 6, 2014

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

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

Re: Directional Drill  
Ute Tribal 6-19-4-2E  
Uintah County, Utah

Dear Mr. Waller:

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

**Ute Tribal 6-19-4-2E**

Surface Hole: T4S-R2E Section 19: SWNE  
1565' FNL 1857' FEL

At Target: T4S-R2E Section 19: SENW  
1471' FNL 2402' FWL

Uintah County, Utah

This well needs to be drilled directionally to avoid protective cactus habitat as well as avoiding the ephemeral drainage areas.

Pursuant to State of Utah R649-3-11, it is necessary to obtain your written concurrence with the directional drill as an affected party.

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

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

Sincerely,  
Newfield Production Company

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

Leslie Burget  
Land Associate

Return to: Newfield Production Company  
Attn: Leslie Burget  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, CO 80202

lburget@newfield.com email

**Ute Tribal 6-19-4-2E**

Surface Hole: T4S-R2E Section 19: SWNE  
1565' FNL 1857' FEL

At Target: T4S-R2E Section 19: SENW  
1471' FNL 2402' FWL

Uintah County, Utah

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

By:

  
\_\_\_\_\_  
Ryan Walker-Landman

Print Name and Title

Date:

3/17/14

Form 3160-3  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. 1420H626397
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
2. Name of Operator NEWFIELD EXPLORATION		Contact: MANDIE CROZIER E-Mail: mcrozier@newfield.com		7. If Unit or CA Agreement, Name and No.
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052		3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031		8. Lease Name and Well No. UTE TRIBAL 6-19-4-2E
4. Location of Well (Report location clearly and in accordance with any State requirements. *)  At surface SWNE 1565FNL 1857FEL  At proposed prod. zone SENW 1471FNL 2402FWL				9. API Well No.
14. Distance in miles and direction from nearest town or post office* 14.4 MILES SOUTHEAST OF RANLETT, UT				10. Field and Pool, or Exploratory UNDESIGNATED
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1471'		16. No. of Acres in Lease 560.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 19 T4S R2E Mer UBM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1140'		19. Proposed Depth 7053 MD 6880 TVD		12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4990 GL		22. Approximate date work will start 06/01/2014		13. State UT
				17. Spacing Unit dedicated to this well 40.00
				20. BLM/BIA Bond No. on file RLB00100473
				23. Estimated duration 7 DAYS

24. Attachments

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

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).</li> </ul> | <ul style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>5. Operator certification</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ul> |
|--|--|

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 02/25/2014
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify 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.

**Additional Operator Remarks (see next page)**

**Electronic Submission #236796 verified by the BLM Well Information System  
For NEWFIELD EXPLORATION, sent to the Vernal**

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional Operator Remarks:**

There will be two proposed wells drilled off of the proposed 7-19-4-2E well pad. The proposed 6-19-4-2E will be a directional 40 acre well.

**CONFIDENTIAL**

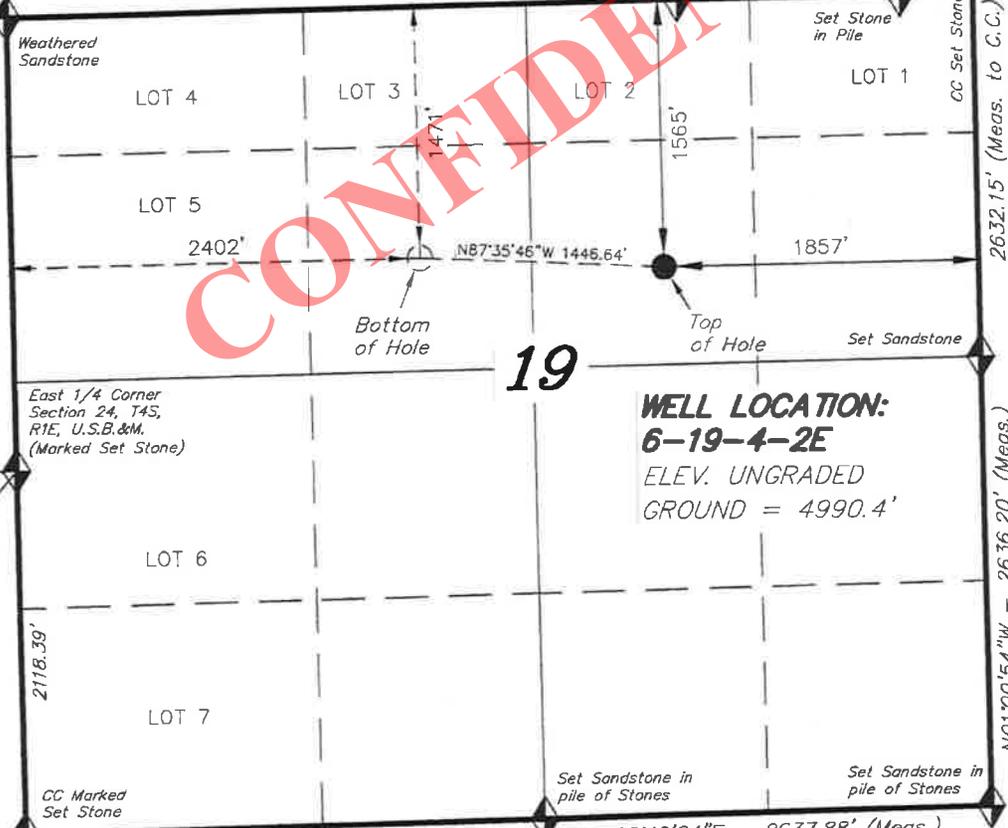
**T4S, R2E, U.S.B.&M.**

**R  
1  
E**  
**R  
2  
E**

501°05'04"E - 2642.40' (Meas.)

501°01'57"E - 2639.04' (Meas.)

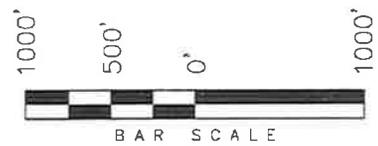
520.65'  
Marked Set Stone



**NEWFIELD EXPLORATION COMPANY**

WELL LOCATION, 6-19-4-2E,  
LOCATED AS SHOWN IN THE SW 1/4  
NE 1/4 OF SECTION 19, T4S, R2E,  
U.S.B.&M. UTAH COUNTY, UTAH.

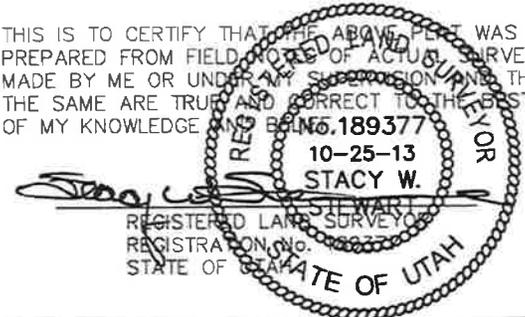
TARGET BOTTOM HOLE, 6-19-4-2E,  
LOCATED AS SHOWN IN THE SE 1/4  
NW 1/4 OF SECTION 19, T4S, R2E,  
U.S.B.&M. UTAH COUNTY, UTAH.



- 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 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.



<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°07'25.25"
LONGITUDE = 109°48'27.62"
<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°07'25.38"
LONGITUDE = 109°48'25.10"
<b>NAD 83 (BOTTOM HOLE LOCATION)</b>
LATITUDE = 40°07'26.12"
LONGITUDE = 109°48'46.20"
<b>NAD 27 (BOTTOM HOLE LOCATION)</b>
LATITUDE = 40°07'26.25"
LONGITUDE = 109°48'43.69"

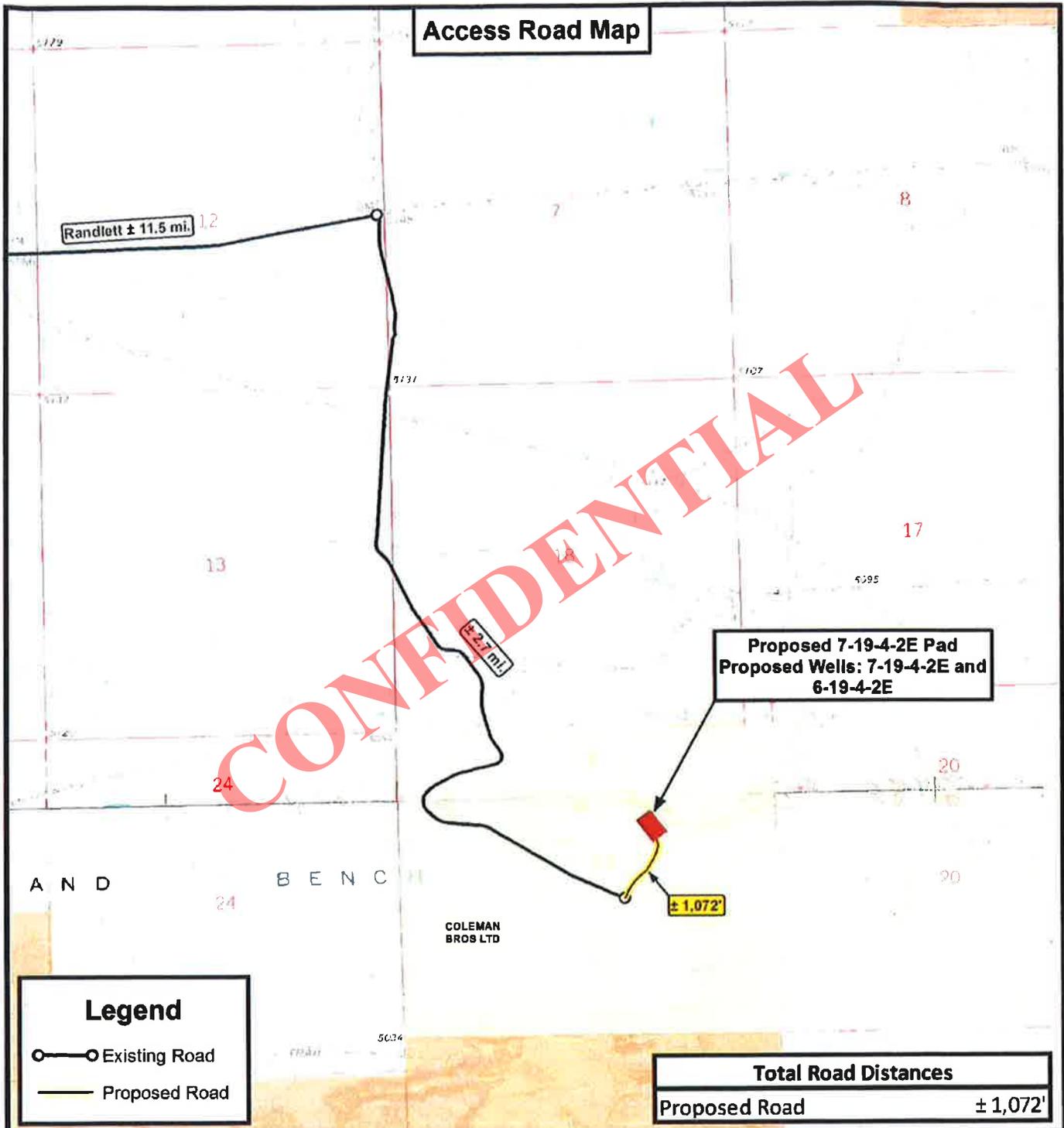
**TRI STATE LAND SURVEYING & CONSULTING**

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

DATE SURVEYED: 09-24-13	SURVEYED BY: S.H.	VERSION: <b>V1</b>
DATE DRAWN: 10-25-13	DRAWN BY: V.H.	
REVISED:	SCALE: 1" = 1000'	

◆ = SECTION CORNERS LOCATED

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



**Legend**

- Existing Road
- Proposed Road

Total Road Distances	
Proposed Road	± 1,072'

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

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

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



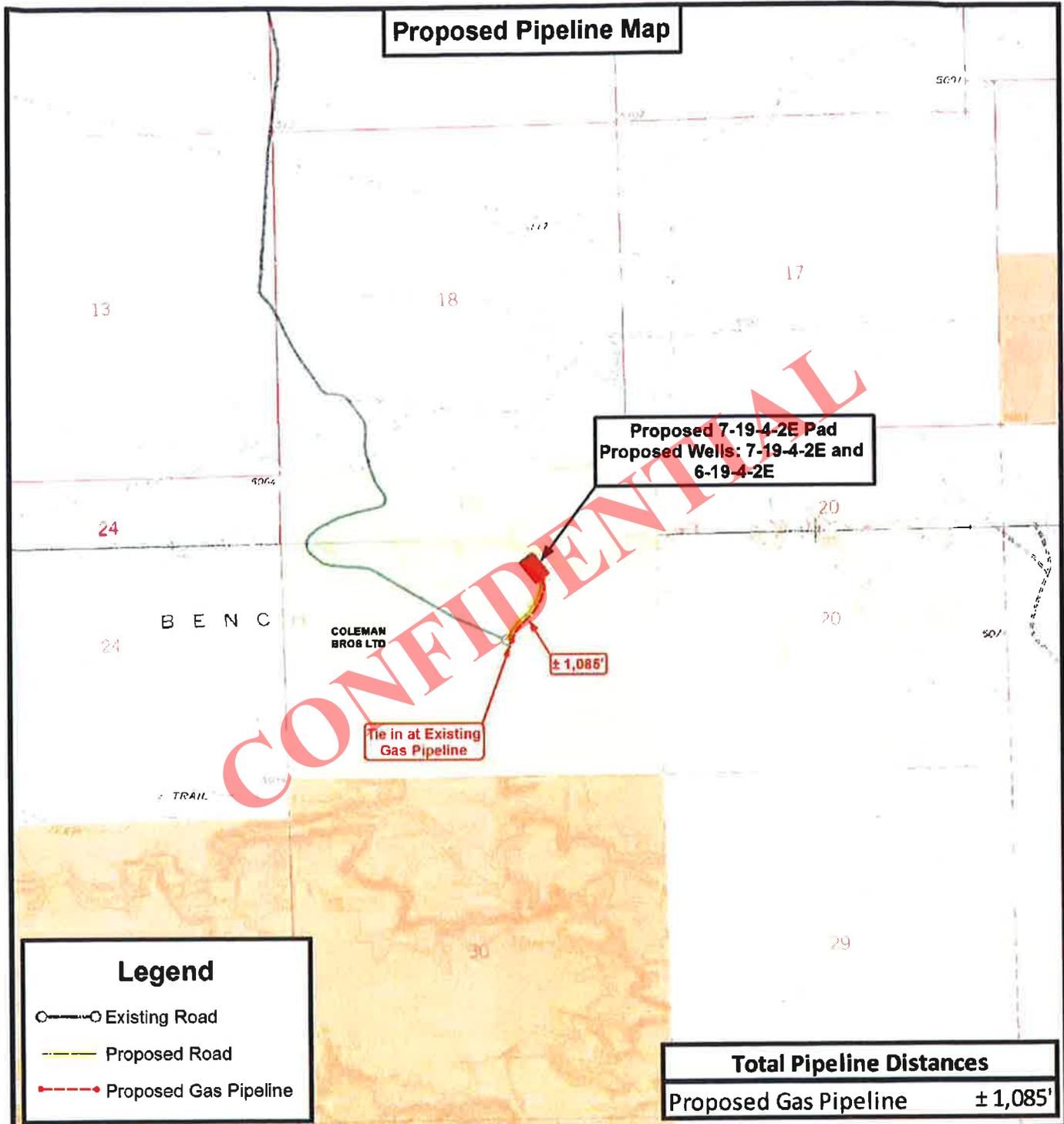
**NEWFIELD EXPLORATION COMPANY**

Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E and 6-19-4-2E  
Sec. 19, T4S, R2E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	10-25-13 A.P.C.	VERSION:
DATE:	09-13-2013			V1
SCALE:	1" = 2,000'			

**TOPOGRAPHIC MAP**

SHEET **B**



**Legend**

- Existing Road
- Proposed Road
- Proposed Gas Pipeline

Total Pipeline Distances	
Proposed Gas Pipeline	± 1,085'

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

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

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

DRAWN BY: A.P.C.	REVISED: 10-25-13 A.P.C.	VERSION: V1
DATE: 09-13-2013		
SCALE: 1" = 2,000'		

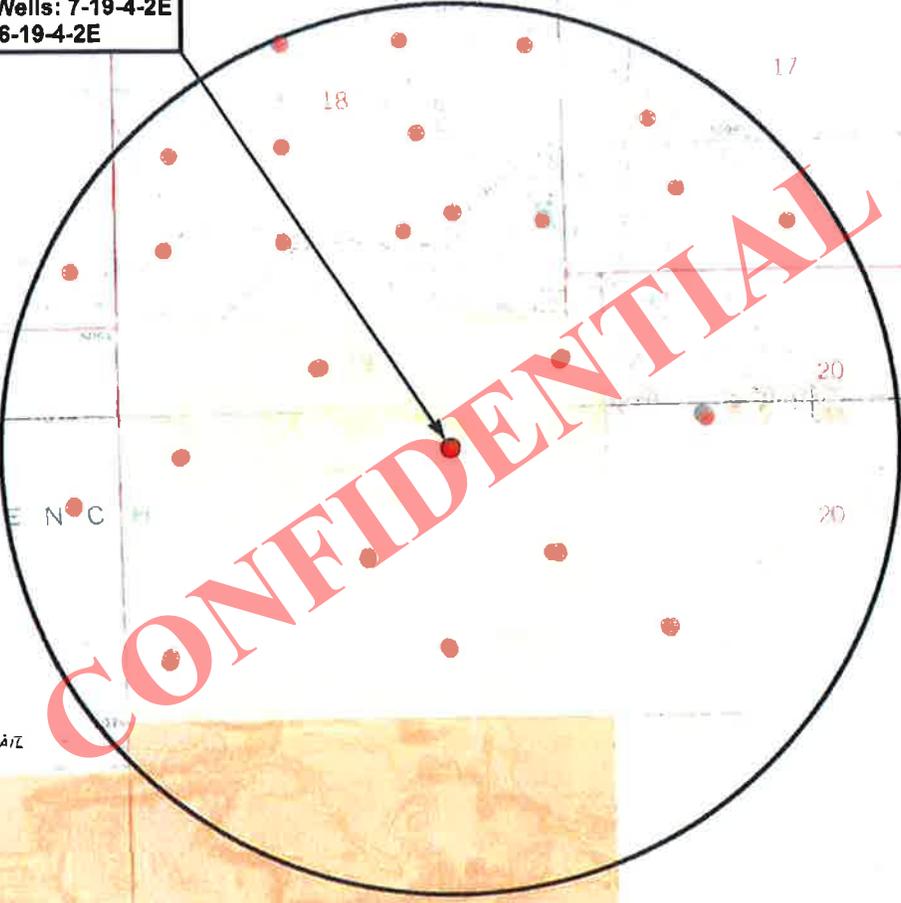
**NEWFIELD EXPLORATION COMPANY**

Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E and 6-19-4-2E  
Sec. 19, T4S, R2E, U.S.B.&M.  
Uintah County, UT.

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

**Exhibit "B" Map**

**Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E  
and 6-19-4-2E**



**Legend**

-  1 Mile Radius
-  Proposed Location

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



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

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



**NEWFIELD EXPLORATION COMPANY**

**Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E and 6-19-4-2E  
Sec. 19, T4S, R2E, U.S.B.&M.  
Uintah County, UT.**

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	10-25-2013		V1
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP**

SHEET  
**D**

## Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
7-19-4-2E	Surface Hole	40° 07' 25.22" N	109° 48' 27.35" W
6-19-4-2E	Surface Hole	40° 07' 25.25" N	109° 48' 27.62" W
6-19-4-2E	Bottom of Hole	40° 07' 26.12" N	109° 48' 46.20" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
7-19-4-2E	Surface Hole	40.123671	109.807597
6-19-4-2E	Surface Hole	40.123679	109.807672
6-19-4-2E	Bottom of Hole	40.123921	109.812834
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
7-19-4-2E	Surface Hole	4442165.028	601600.580
6-19-4-2E	Surface Hole	4442165.860	601594.162
6-19-4-2E	Bottom of Hole	4442186.770	601153.959
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
7-19-4-2E	Surface Hole	40° 07' 25.35" N	109° 48' 24.83" W
6-19-4-2E	Surface Hole	40° 07' 25.38" N	109° 48' 25.10" W
6-19-4-2E	Bottom of Hole	40° 07' 26.25" N	109° 48' 43.69" W
Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
7-19-4-2E	Surface Hole	40.123708	109.806898
6-19-4-2E	Surface Hole	40.123717	109.806973
6-19-4-2E	Bottom of Hole	40.123958	109.812135
Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
7-19-4-2E	Surface Hole	4441959.706	601662.740
6-19-4-2E	Surface Hole	4441960.538	601656.322
6-19-4-2E	Bottom of Hole	4441981.448	601216.121



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

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

**NEWFIELD EXPLORATION COMPANY**

Proposed 7-19-4-2E Pad  
Proposed Wells: 7-19-4-2E and 6-19-4-2E  
Sec. 19, T4S, R2E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	10-25-2013		
VERSION:	V1		

**COORDINATE REPORT**

SHEET  
**1**

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** Ute Tribal 6-19-4-2E  
**API Number** 43047543140000      **APD No** 9441    **Field/Unit** LELAND BENCH  
**Location: 1/4,1/4 SWNE Sec 19 Tw 4.0S Rng 2.0E 1565 FNL 1857 FEL**  
**GPS Coord (UTM)** 601594 4442166      **Surface Owner** Coleman Brothers LTD

### Participants

Corie Miller, Mandie Crozier, Forrest Bird - NFX; David Baird - BLM; Scott Coleman - Landowner

### Regional/Local Setting & Topography

This location is on the South Eastern side of Leland Bench near the Uteland Butte. The well is situated in a bowl like feature abutted the edge of the bench. It slopes southerly > 2% and hosts drainage across and down the side of location. It is sparcely vegetated with a variety of high desert salt shrubs. The soils are light colored sandy clays with an abundance of gravels and some boulders. The town of Randlett is found 12 road miles north. This location falls within the critical habitat for cactus polygon. 6 known individuals exist within the 1/4 1/4 Will host the 7-19 as well.

### Surface Use Plan

#### **Current Surface Use**

Grazing  
Wildlfe Habitat

#### **New Road Miles**

0.1

#### **Well Pad**

**Width** 175    **Length** 350

#### **Src Const Material**

Onsite

#### **Surface Formation**

UNTA

#### **Ancillary Facilities**

### Waste Management Plan Adequate?

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

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

Dominant vegetation;

Gardiners atriplex and rice grass

Wildlife;

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

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

sandy and desert pavement

#### **Erosion Issues** Y

**Sedimentation Issues Y****Site Stability Issues N****Drainage Diversion Required? Y****Berm Required? Y****Erosion Sedimentation Control Required? Y****Paleo Survey Run? N    Paleo Potential Observed? N    Cultural Survey Run? N    Cultural Resources? N****Reserve Pit**

<b>Site-Specific Factors</b>	<b>Site Ranking</b>
<b>Distance to Groundwater (feet)</b> 100 to 200	5
<b>Distance to Surface Water (feet)</b>	20
<b>Dist. Nearest Municipal Well (ft)</b> >5280	0
<b>Distance to Other Wells (feet)</b>	20
<b>Native Soil Type</b> High permeability	20
<b>Fluid Type</b> Fresh Water	5
<b>Drill Cuttings</b> Normal Rock	0
<b>Annual Precipitation (inches)</b>	0
<b>Affected Populations</b>	
<b>Presence Nearby Utility Conduits</b> Not Present	0
<b>Final Score</b>	70    1 Sensitivity Level

**Characteristics / Requirements**

operator plans a reserve pit 40' x 80' 8 feet deep in an area of cut.  
 A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 16    Pit Underlayment Required? Y****Other Observations / Comments**

Within the BLM Cactus polygon with known mapped individuals within 1/4 1/4  
 Planned diversion shown on the inside of the berm around corner 2 to avoid disturbance to cactus

Chris Jensen  
**Evaluator**

3/12/2014  
**Date / Time**

# Application for Permit to Drill Statement of Basis

## Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9441	43047543140000	LOCKED	OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>	Coleman Brothers LTD	
<b>Well Name</b>	Ute Tribal 6-19-4-2E		<b>Unit</b>		
<b>Field</b>	LELAND BENCH		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWNE 19 4S 2E U 1565 FNL 1857 FEL GPS Coord (UTM) 601556E 4442226N				

### 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**

3/19/2014  
**Date / Time**

### Surface Statement of Basis

Location is proposed in a good location although outside the spacing window. Well is to be drilled directionally. The 7-19 well will also be drilled from this location. Access road enters the pad from the South. The landowner or its representative was in attendance for the pre-site inspection.

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

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Reserve pit is in an area of cut. Plans show a drainage diversion to follow inside pad.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location is within the BLM Cactus polygon and 6 individuals are known and mapped in the 1/4 1/4. The location was previously surveyed for cultural and paleontological resources ( as the operator saw fit). I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. Drainage diversion to be built to carry overland flows ( inside disturbance footprint) from corner 2 and conduct flows back to the natural channel near corner 1.

Chris Jensen  
**Onsite Evaluator**

3/12/2014  
**Date / Time**

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

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.

Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location but, inside the disturbance footprint as shown on prepared plans
Surface	The reserve pit shall be fenced upon completion of drilling operations.

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## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/25/2014

API NO. ASSIGNED: 43047543140000

WELL NAME: Ute Tribal 6-19-4-2E

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWNE 19 040S 020E

Permit Tech Review: 

SURFACE: 1565 FNL 1857 FEL

Engineering Review: 

BOTTOM: 1471 FNL 2402 FWL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.12423

LONGITUDE: -109.80811

UTM SURF EASTINGS: 601556.00

NORTHINGS: 4442226.00

FIELD NAME: LELAND BENCH

LEASE TYPE: 2 - Indian

LEASE NUMBER: 1420H626397

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

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

Commingling Approved

## LOCATION AND SITING:

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

Comments: Presite Completed

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



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*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 6-19-4-2E

**API Well Number:** 43047543140000

**Lease Number:** 1420H626397

**Surface Owner:** FEE (PRIVATE)

**Approval Date:** 3/19/2014

**Issued to:**

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

**Authority:**

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

**Duration:**

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

**Exception Location:**

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

**General:**

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

**Conditions of Approval:**

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

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

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

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

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

**Notification Requirements:**

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

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

(please leave a voicemail message if not available)

OR

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

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

**Reporting Requirements:**

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

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

**Approved By:**



For John Rogers  
Associate Director, Oil & Gas

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 27 2014

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

Vernal UT

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1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 1420H626397
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD EXPLORATION Contact: MANDIE CROZIER E-Mail: mcrozier@newfield.com		7. If Unit or CA Agreement, Name and No.
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031	8. Lease Name and Well No. UTE TRIBAL 6-19-4-2E
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWNE 1565FNL 1857FEL At proposed prod. zone SENW 1471FNL 2402FWL		9. API Well No. 4304754314
14. Distance in miles and direction from nearest town or post office* 14.4 MILES SOUTHEAST OF RANDLETT, UT	15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1471'	10. Field and Pool, or Exploratory UNDESIGNATED
16. No. of Acres in Lease 560.00	17. Spacing Unit dedicated to this well 40.00	11. Sec., T., R., M., or Blk. and Survey or Area Sec 19 T4S R2E Mer UBM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1140'	19. Proposed Depth 7053 MD 6880 TVD	12. County or Parish UINTAH
20. BLM/BIA Bond No. on file RLB00100473	21. Elevations (Show whether DF, KB, RT, GL, etc.) 4990 GL	13. State UT
22. Approximate date work will start 06/01/2014	23. Estimated duration 7 DAYS	

RECEIVED  
JUL 14 2014

DIV. OF OIL, GAS & MINING

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall 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 shall 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 authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 02/25/2014
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date JUL 09 2014
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

**CONDITIONS OF APPROVAL ATTACHED**

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

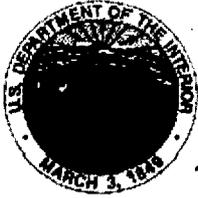
Additional Operator Remarks (see next page)

Electronic Submission #236796 verified by the BLM Well Information System  
For NEWFIELD EXPLORATION, sent to the Vernal  
Committed to AFMSS for processing by LESLIE BUHLER on 03/04/2014 ()

NOTICE OF APPROVAL

UDOGM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*



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 6-19-4-2E  
API No: 43-047-54314

Location: SWNE, Sec. 19, T4S, R2E  
Lease No: 14-20-H62-6397  
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)**

Company/Operator: Newfield.

Well Name & Number: Ute Tribal 6-19-4-2E and Ute Tribal 7-19-4-2E

**CONDITIONS OF APPROVAL**

- All areas of disturbance (including surface pipelines) must have appropriate surface use agreements or approvals in place with the proper owner and/or agency before such action is started.
- The conditions of approval, as set forth by those owners and/or agencies, shall be adhered to.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- Production casing cement shall be brought up and into the surface.
- Surface casing cement shall be brought to surface.

**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 by CD (compact disc). 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).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<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> 1420H626397	
<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 6-19-4-2E
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047543140000
<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> LELAND BENCH	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1565 FNL 1857 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 19 Township: 04.0S Range: 02.0E 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: 10/27/2014	<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 type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="APD Revision"/>

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

Newfield proposes to deepen the above mentioned well to 7354'. See that attached revised Drilling Program and Directional Drill Plan.

**Approved by the**  
**Utah Director**  
**Oil, Gas and Mining**  
 Date: \_\_\_\_\_  
 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> 10/27/2014	

**Newfield Production Company**  
**Ute Tribal 6-19-4-2E**  
**SENW Section 19, T4S, R2E**  
**Uintah County, UT**

**Drilling Program**

**1. Formation Tops**

Uinta	Surface
Green River	6,544'
Garden Gulch	4,754'
Wasatch	6,944'
TD	7,354'

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

Green River	6,544' - 4,754'
Garden Gulch	4,754' - TD

Fresh water may be encountered in the Uinta Formation, but is not expected below about 625'.

**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	0'	500'	24	J-55	STC	8.33	8.4	12	2,950	1,370	244,000
8 5/8									10.52	8.51	20.33
Production	0'	7,354'	17	SB-80	LTC	8.8	9	--	7,740	6,280	348,000
5 1/2									3.12	2.46	2.78

Assumptions:

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

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

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

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

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

## 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	237	15%	15.8	1.17
				203			
Production Lead	7 7/8	5,327'	35/65 Poz/Type II + 5% Bentonite	1061	15%	11.0	3.5
				303			
Production Tail	7 7/8	2,027'	50/50 Poz/Type II	404	15%	14.0	1.35
				299			

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.

$$7,354' \times 0.46 \text{ psi/ft} = 3365 \text{ psi}$$

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



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)  
SECTION 19 T4S, R2E  
6-19-4-2E**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**14 October, 2014**





## Payzone Directional Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	6-19-4-2E @ 5001.0usft (plan kb)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	6-19-4-2E @ 5001.0usft (plan kb)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>North Reference:</b>	True
<b>Well:</b>	6-19-4-2E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

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

<b>Site</b>	SECTION 19 T4S, R2E				
<b>Site Position:</b>	<b>Northing:</b>	7,214,000.00 usft	<b>Latitude:</b>	40° 6' 43.090 N	
<b>From:</b> Map	<b>Easting:</b>	2,114,400.00 usft	<b>Longitude:</b>	109° 48' 18.587 W	
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	1.09 °

<b>Well</b>	6-19-4-2E, SHL: 40° 07' 25.25" -109° 48' 27.62"					
<b>Well Position</b>	<b>+N/-S</b>	4,265.9 usft	<b>Northing:</b>	7,218,251.79 usft	<b>Latitude:</b>	40° 7' 25.250 N
	<b>+E/-W</b>	-701.6 usft	<b>Easting:</b>	2,113,617.67 usft	<b>Longitude:</b>	109° 48' 27.620 W
<b>Position Uncertainty</b>	0.0 usft	<b>Wellhead Elevation:</b>	5,001.0 usft	<b>Ground Level:</b>	4,990.0 usft	

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	10/14/2014	10.79	65.82	52,023

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	273.49

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
450.0	0.00	0.00	450.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,338.9	20.00	273.49	1,320.9	9.4	-153.3	2.25	2.25	0.00	273.49	
4,829.6	20.00	273.49	4,601.2	82.1	-1,345.0	0.00	0.00	0.00	0.00	
5,185.2	12.00	273.49	4,942.7	88.1	-1,442.7	2.25	-2.25	0.00	180.00	
5,187.6	12.00	273.49	4,945.0	88.1	-1,443.2	0.00	0.00	0.00	0.00	6-19-4-2E TGT
5,787.6	0.00	0.00	5,540.6	91.9	-1,505.7	2.00	-2.00	0.00	180.00	
7,416.9	0.00	0.00	7,170.0	91.9	-1,505.7	0.00	0.00	0.00	0.00	



**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	6-19-4-2E @ 5001.0usft (plan kb)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	6-19-4-2E @ 5001.0usft (plan kb)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>North Reference:</b>	True
<b>Well:</b>	6-19-4-2E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
450.0	0.00	0.00	450.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>Start Build 2.25</b>									
500.0	1.13	273.49	500.0	0.0	-0.5	0.5	2.25	2.25	0.00
600.0	3.38	273.49	599.9	0.3	-4.4	4.4	2.25	2.25	0.00
700.0	5.63	273.49	699.6	0.7	-12.2	12.3	2.25	2.25	0.00
800.0	7.88	273.49	798.9	1.5	-24.0	24.0	2.25	2.25	0.00
900.0	10.13	273.49	897.7	2.4	-39.6	39.7	2.25	2.25	0.00
1,000.0	12.38	273.49	995.7	3.6	-59.1	59.2	2.25	2.25	0.00
1,100.0	14.63	273.49	1,093.0	5.0	-82.4	82.5	2.25	2.25	0.00
1,200.0	16.88	273.49	1,189.2	6.7	-109.4	109.7	2.25	2.25	0.00
1,300.0	19.13	273.49	1,284.3	8.6	-140.3	140.6	2.25	2.25	0.00
1,338.9	20.00	273.49	1,320.9	9.4	-153.3	153.6	2.25	2.25	0.00
<b>Start 3490.7 hold at 1338.9 MD</b>									
1,400.0	20.00	273.49	1,378.4	10.6	-174.1	174.5	0.00	0.00	0.00
1,500.0	20.00	273.49	1,472.3	12.7	-208.3	208.7	0.00	0.00	0.00
1,600.0	20.00	273.49	1,566.3	14.8	-242.4	242.9	0.00	0.00	0.00
1,700.0	20.00	273.49	1,660.3	16.9	-276.6	277.1	0.00	0.00	0.00
1,800.0	20.00	273.49	1,754.2	19.0	-310.7	311.3	0.00	0.00	0.00
1,900.0	20.00	273.49	1,848.2	21.0	-344.8	345.5	0.00	0.00	0.00
2,000.0	20.00	273.49	1,942.2	23.1	-379.0	379.7	0.00	0.00	0.00
2,100.0	20.00	273.49	2,036.2	25.2	-413.1	413.9	0.00	0.00	0.00
2,200.0	20.00	273.49	2,130.1	27.3	-447.3	448.1	0.00	0.00	0.00
2,300.0	20.00	273.49	2,224.1	29.4	-481.4	482.3	0.00	0.00	0.00
2,400.0	20.00	273.49	2,318.1	31.5	-515.5	516.5	0.00	0.00	0.00
2,500.0	20.00	273.49	2,412.0	33.6	-549.7	550.7	0.00	0.00	0.00
2,600.0	20.00	273.49	2,506.0	35.6	-583.8	584.9	0.00	0.00	0.00
2,700.0	20.00	273.49	2,600.0	37.7	-617.9	619.1	0.00	0.00	0.00
2,800.0	20.00	273.49	2,693.9	39.8	-652.1	653.3	0.00	0.00	0.00
2,900.0	20.00	273.49	2,787.9	41.9	-686.2	687.5	0.00	0.00	0.00
3,000.0	20.00	273.49	2,881.9	44.0	-720.4	721.7	0.00	0.00	0.00
3,100.0	20.00	273.49	2,975.9	46.1	-754.5	755.9	0.00	0.00	0.00
3,200.0	20.00	273.49	3,069.8	48.1	-788.6	790.1	0.00	0.00	0.00
3,300.0	20.00	273.49	3,163.8	50.2	-822.8	824.3	0.00	0.00	0.00
3,400.0	20.00	273.49	3,257.8	52.3	-856.9	858.5	0.00	0.00	0.00
3,500.0	20.00	273.49	3,351.7	54.4	-891.1	892.7	0.00	0.00	0.00
3,600.0	20.00	273.49	3,445.7	56.5	-925.2	926.9	0.00	0.00	0.00
3,700.0	20.00	273.49	3,539.7	58.6	-959.3	961.1	0.00	0.00	0.00
3,800.0	20.00	273.49	3,633.6	60.6	-993.5	995.3	0.00	0.00	0.00
3,900.0	20.00	273.49	3,727.6	62.7	-1,027.6	1,029.5	0.00	0.00	0.00
4,000.0	20.00	273.49	3,821.6	64.8	-1,061.7	1,063.7	0.00	0.00	0.00
4,100.0	20.00	273.49	3,915.5	66.9	-1,095.9	1,097.9	0.00	0.00	0.00
4,200.0	20.00	273.49	4,009.5	69.0	-1,130.0	1,132.1	0.00	0.00	0.00
4,300.0	20.00	273.49	4,103.5	71.1	-1,164.2	1,166.3	0.00	0.00	0.00
4,400.0	20.00	273.49	4,197.5	73.1	-1,198.3	1,200.5	0.00	0.00	0.00
4,500.0	20.00	273.49	4,291.4	75.2	-1,232.4	1,234.7	0.00	0.00	0.00
4,600.0	20.00	273.49	4,385.4	77.3	-1,266.6	1,268.9	0.00	0.00	0.00
4,700.0	20.00	273.49	4,479.4	79.4	-1,300.7	1,303.1	0.00	0.00	0.00
4,800.0	20.00	273.49	4,573.3	81.5	-1,334.9	1,337.3	0.00	0.00	0.00
4,829.6	20.00	273.49	4,601.2	82.1	-1,345.0	1,347.5	0.00	0.00	0.00



## Payzone Directional Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	6-19-4-2E @ 5001.0usft (plan kb)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	6-19-4-2E @ 5001.0usft (plan kb)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>North Reference:</b>	True
<b>Well:</b>	6-19-4-2E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
<b>Start Drop -2.25</b>									
4,900.0	18.42	273.49	4,667.6	83.5	-1,368.1	1,370.6	2.25	-2.25	0.00
5,000.0	16.17	273.49	4,763.1	85.3	-1,397.7	1,400.3	2.25	-2.25	0.00
5,100.0	13.92	273.49	4,859.7	86.9	-1,423.6	1,426.3	2.25	-2.25	0.00
5,185.2	12.00	273.49	4,942.7	88.1	-1,442.7	1,445.4	2.25	-2.25	0.00
<b>Start 2.4 hold at 5185.2 MD</b>									
5,187.6	12.00	273.49	4,945.0	88.1	-1,443.2	1,445.9	0.00	0.00	0.00
<b>Start Drop -2.00</b>									
5,200.0	11.75	273.49	4,957.2	88.2	-1,445.8	1,448.5	2.00	-2.00	0.00
5,300.0	9.75	273.49	5,055.4	89.4	-1,464.4	1,467.1	2.00	-2.00	0.00
5,400.0	7.75	273.49	5,154.2	90.3	-1,479.6	1,482.3	2.00	-2.00	0.00
5,500.0	5.75	273.49	5,253.5	91.0	-1,491.3	1,494.1	2.00	-2.00	0.00
5,600.0	3.75	273.49	5,353.2	91.5	-1,499.6	1,502.4	2.00	-2.00	0.00
5,700.0	1.75	273.49	5,453.1	91.8	-1,504.4	1,507.2	2.00	-2.00	0.00
5,787.6	0.00	0.00	5,540.6	91.9	-1,505.7	1,508.5	2.00	-2.00	0.00
<b>Start 1629.4 hold at 5787.6 MD</b>									
5,800.0	0.00	0.00	5,553.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
5,900.0	0.00	0.00	5,653.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,000.0	0.00	0.00	5,753.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,100.0	0.00	0.00	5,853.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,200.0	0.00	0.00	5,953.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,053.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,153.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,253.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,353.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,453.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,553.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,653.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,753.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
7,100.0	0.00	0.00	6,853.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
7,200.0	0.00	0.00	6,953.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,053.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,153.1	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
7,416.9	0.00	0.00	7,170.0	91.9	-1,505.7	1,508.5	0.00	0.00	0.00
<b>TD at 7416.9</b>									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
6-19-4-2E TGT	0.00	0.00	4,945.0	88.1	-1,443.2	7,218,312.56	2,112,173.05	40° 7' 26.120 N	109° 48' 46.200 W
- hit/miss target									
- Shape									
- plan hits target center									
- Rectangle (sides W200.0 H200.0 D2,225.0)									

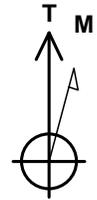


**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	6-19-4-2E @ 5001.0usft (plan kb)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	6-19-4-2E @ 5001.0usft (plan kb)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>North Reference:</b>	True
<b>Well:</b>	6-19-4-2E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

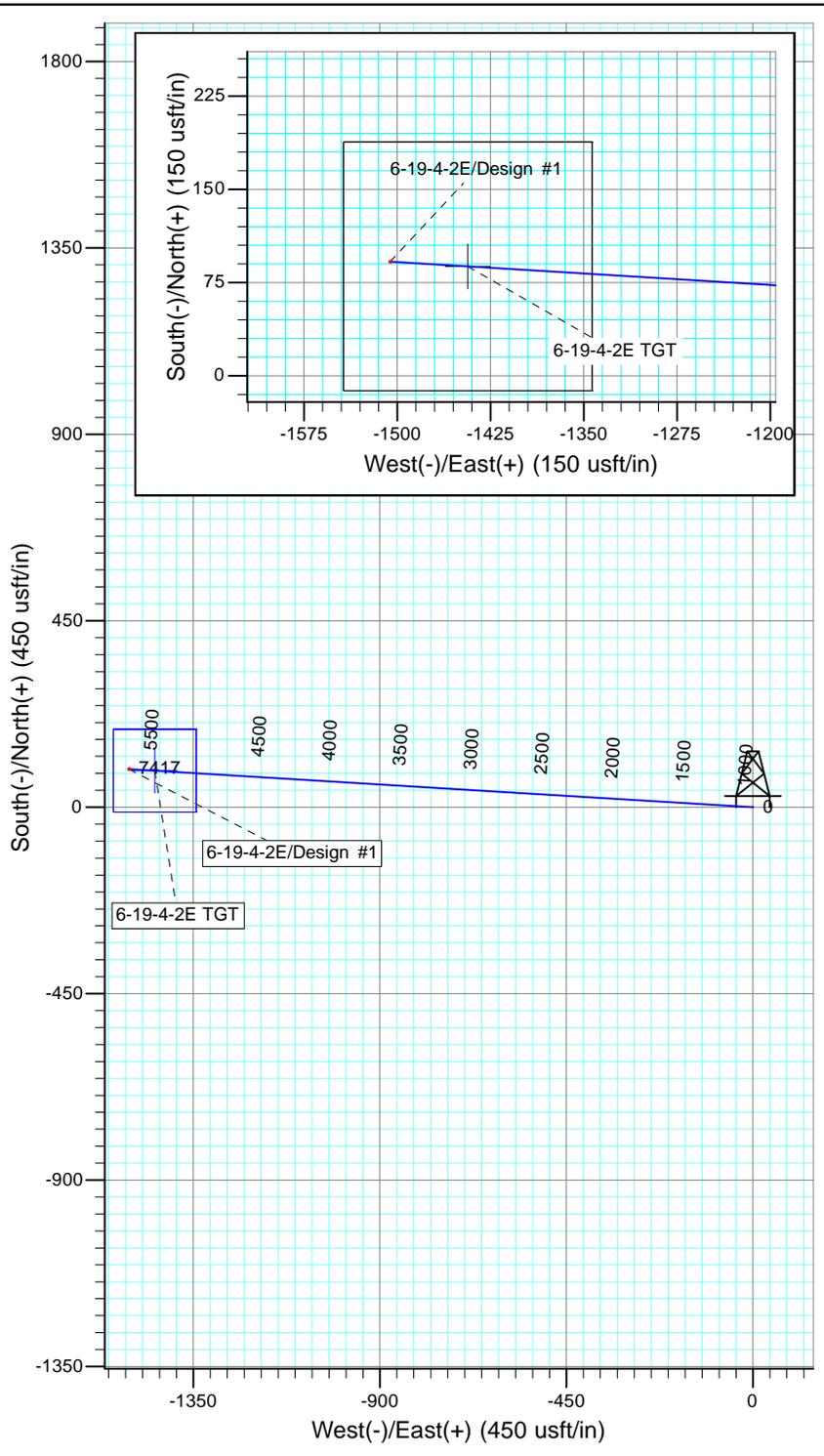
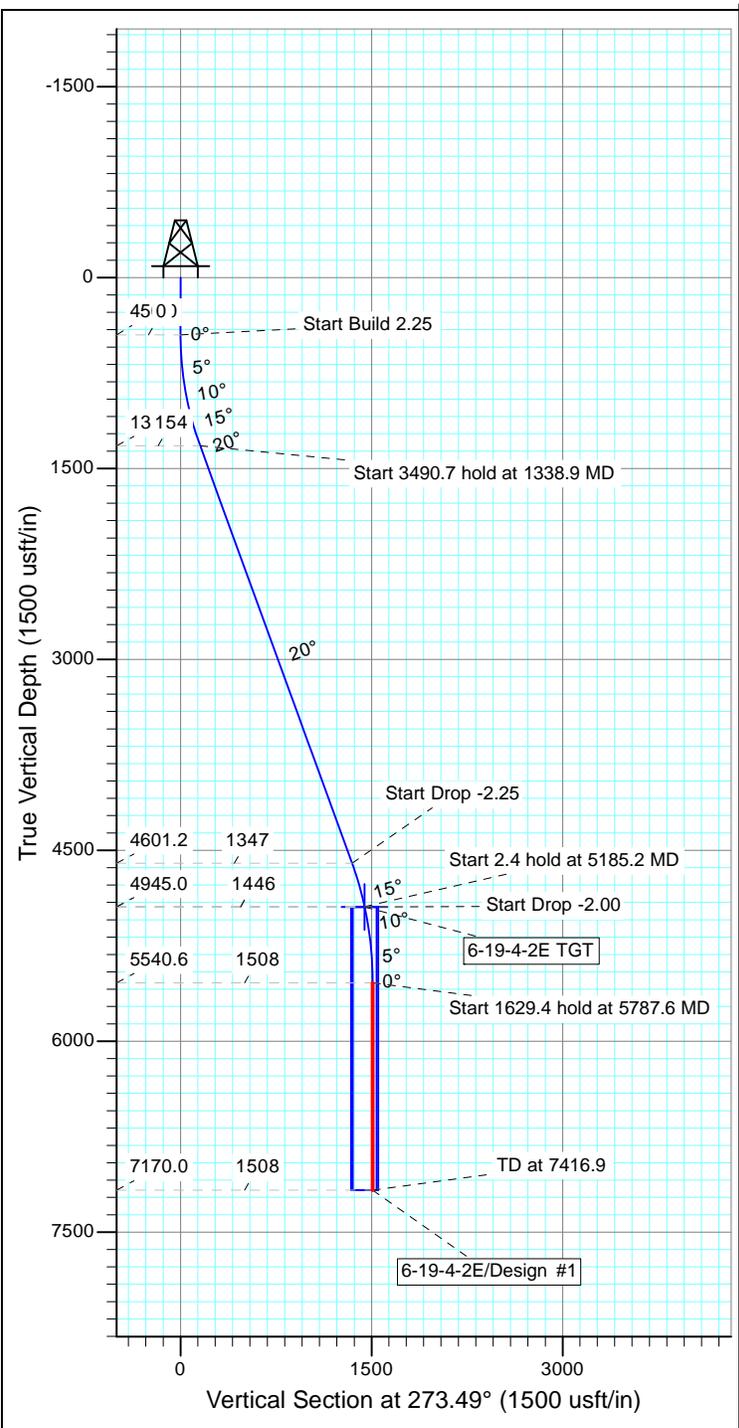
Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
450.0	450.0	0.0	0.0	Start Build 2.25
1,338.9	1,320.9	9.4	-153.3	Start 3490.7 hold at 1338.9 MD
4,829.6	4,601.2	82.1	-1,345.0	Start Drop -2.25
5,185.2	4,942.7	88.1	-1,442.7	Start 2.4 hold at 5185.2 MD
5,187.6	4,945.0	88.1	-1,443.2	Start Drop -2.00
5,787.6	5,540.6	91.9	-1,505.7	Start 1629.4 hold at 5787.6 MD
7,416.9	7,170.0	91.9	-1,505.7	TD at 7416.9



Azimuths to True North  
 Magnetic North: 10.79°

Magnetic Field  
 Strength: 52023.0snT  
 Dip Angle: 65.82°  
 Date: 10/14/2014  
 Model: IGRF2010

KOP @ 450'



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
6-19-4-2E TGT	4945.0	88.1	-1443.2	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	450.0	0.00	0.00	450.0	0.0	0.0	0.00	0.00	0.0	
3	1338.9	20.00	273.49	1320.9	9.4	-153.3	2.25	273.49	153.6	
4	4829.6	20.00	273.49	4601.2	82.1	-1345.0	0.00	0.00	1347.5	
5	5185.2	12.00	273.49	4942.7	88.1	-1442.7	2.25	180.00	1445.4	
6	5187.6	12.00	273.49	4945.0	88.1	-1443.2	0.00	0.00	1445.9	6-19-4-2E TGT
7	5787.6	0.00	0.00	5540.6	91.9	-1505.7	2.00	180.00	1508.5	
8	7416.9	0.00	0.00	7170.0	91.9	-1505.7	0.00	0.00	1508.5	



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 1420H626397
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 6-19-4-2E	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047543140000	
<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> LELAND BENCH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1565 FNL 1857 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 19 Township: 04.0S Range: 02.0E Meridian: U	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 11/25/2014  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
On 11/25/14 drill and set 10' of 14" conductor. Drill f/10' to 546' KB of 12 1/4" hole. On 11/26/14 P/U and run 12 joints of 8 5/8" casing set depth 535' KB. Cement with Halliburton w/250 sx of 15.8# 1.19 yield G Neat cement. Returned 8 bbl to surface and bumped plug to 700 psi.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 08, 2014</b>		
<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> 12/8/2014	

## NEWFIELD

## Casing

## Conductor



Legal Well Name Ute Tribal 6-19-4-2E		Wellbore Name Original Hole	
API/UWI 43047543140000	Surface Legal Location SWNE 1565 FNL 1857 FEL Sec 19 T4S R2E	Field Name MYTON AREA	Well Type Development
Well RC 500361656	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)
Conductor	14	11	21
Start Date		End Date	
11/25/2014		11/25/2014	

<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) 21	Run Date 11/25/2014	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)
Conductor	14	13.500	36.75	H-40	Welded	1	10.00	11.0	21.0			

<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 Fl 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 6-19-4-2E		Wellbore Name Original Hole	
API/UWI 43047543140000	Surface Legal Location SWNE 1565 FNL 1857 FEL Sec 19 T4S R2E	Field Name MYTON AREA	Well Type Development
Well RC 500361656	County Uintah	State/Province Utah	Spud Date
		Final Rig Release Date	

Wellbore					
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	11	21	11/25/2014	11/25/2014
Vertical	12 1/4	21	546	11/25/2014	11/25/2014

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing			
Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Surface	535	11/26/2014	
Centralizers 3	Scratchers		

Casing Components												
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		1	2.00	10.8	12.8			
Cut Off	8 5/8	8.097	24.00	J-55		1	41.88	12.8	54.7			
Casing Joints	8 5/8	8.097	24.00	J-55		10	438.57	54.7	493.3			
Float Collar	8 5/8	8.097	24.00	J-55		1	1.00	493.3	494.3			
Shoe Joint	8 5/8	8.097	24.00	J-55		1	39.25	494.3	533.5			
Guide Shoe	8 5/8	8.097	24.00	J-55		1	1.50	533.5	535.0			

Jewelry Details							
External Casing Packer							
Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)		
Inflation Fluid Type	Infl Fl 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)

Slotted Liner							
% 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)

Liner Hanger				
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 6-19-4-2E  
 Qtr/Qtr SW/NE Section 19 Township 4S Range 2E  
 Lease Serial Number 1420H626397  
 API Number 43-047-54314

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

Date/Time 11/25/14 10:00 AM  PM

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

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

Date/Time 11/26/14 8:00 AM  PM

BOPE

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

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

Remarks \_\_\_\_\_



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 1420H626397
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 6-19-4-2E	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047543140000	
<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> LELAND BENCH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1565 FNL 1857 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 19 Township: 04.0S Range: 02.0E Meridian: U	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/14/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above well was placed on production on 01/14/2015 at 21:00 hours.		
		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 17, 2015</b>
<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> 2/10/2015	

Form 3160-4  
(March 2012)

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.  
1420H626397

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

6. If Indian, Allottee or Tribe Name  
UINTAH AND OURAY

7. Unit or CA Agreement Name and No.

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.  
UTE TRIBAL 6-19-4-2E

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

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

9. API Well No.  
43-047-54314

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

At surface 1565' FNL 1857' FEL (SW/NE) SEC 19 T4S R2E

At top prod. interval reported below 1507' FNL 2373' FWL (SE/NW) SEC 19 T4S R2E

At total depth 1514' FNL 2343' FWL (SE/NW) SEC 19 T4S R2E

10. Field and Pool or Exploratory  
UNDESIGNATED

11. Sec., T., R., M., on Block and  
Survey or Area SEC 19 T4S R2E Mer UBM

12. County or Parish  
UINTAH

13. State  
UT

14. Date Spudded  
11/25/2014

15. Date T.D. Reached  
12/13/2014

16. Date Completed 01/14/2015  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
4990' GL 5001' KB

18. Total Depth: MD 7415'  
TVD 7155'

19. Plug Back T.D.: MD 7379'  
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
13-1/2"	8-5/8" J-55	24	0'	535'		155 CLASS G			
7-7/8"	5-1/2" L-80	17	0'	7404'		380 Econocem 470Expandacem		0'	

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@7146'	TA@7077'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	5667'	6960'	5667' - 6960' MD	0.34	99	
B) Wasatch	7011'	7060'	7011' - 7060' MD	0.34	15	
C)						
D)						

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

Depth Interval	Amount and Type of Material
5667' - 7060' MD	Frac w/ 501,490#s of proppant sand in 7,429 bbls of clean fluid, in 6 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
1/14/15	1/24/15	24	→	93	62	166			2.5 x 1.75 x 20 x 22 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	4818' 4993'
				GARDEN GULCH 2 POINT 3	5112' 5134'
				X MRKR Y MRKR	5418' 5593'
				DOUGLAS CREEK MRK BI CARBONATE MRK	5799' 6195'
				B LIMESTONE MRK CASTLE PEAK	6236' 6504'
				BASAL CARBONATE WASATCH	6865' 6976'

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 02/11/2015

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 3)



## **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)  
SECTION 19 T4S, R2E  
6-19-4-2E  
Wellbore #1**

**Design: Actual**

## **End of Well Report**

**14 December, 2014**





**Payzone Directional**  
End of Well Report



<b>Company:</b> NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b> Well 6-19-4-2E
<b>Project:</b> USGS Myton SW (UT)	<b>TVD Reference:</b> 6-19-4-2E @ 5001.0usft (SS # 2)
<b>Site:</b> SECTION 19 T4S, R2E	<b>MD Reference:</b> 6-19-4-2E @ 5001.0usft (SS # 2)
<b>Well:</b> 6-19-4-2E	<b>North Reference:</b> True
<b>Wellbore:</b> Wellbore #1	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Design:</b> Actual	<b>Database:</b> EDM 5000.1 Single User Db

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

<b>Site</b> SECTION 19 T4S, R2E		
<b>Site Position:</b>	<b>Northing:</b> 7,214,000.00 usft	<b>Latitude:</b> 40° 6' 43.090 N
<b>From:</b> Map	<b>Easting:</b> 2,114,400.00 usft	<b>Longitude:</b> 109° 48' 18.587 W
<b>Position Uncertainty:</b> 0.0 usft	<b>Slot Radius:</b> 13-3/16 "	<b>Grid Convergence:</b> 1.09 °

<b>Well</b> 6-19-4-2E, SHL: 40° 07' 25.25" -109° 48' 27.62"		
<b>Well Position</b>	<b>Northing:</b> 7,218,251.79 usft	<b>Latitude:</b> 40° 7' 25.250 N
<b>From:</b> +N/-S 0.0 usft	<b>Easting:</b> 2,113,617.67 usft	<b>Longitude:</b> 109° 48' 27.620 W
<b>Position Uncertainty:</b> 0.0 usft	<b>Wellhead Elevation:</b> 5,001.0 usft	<b>Ground Level:</b> 4,990.0 usft

<b>Wellbore</b> Wellbore #1					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2010	10/14/2014	(°) 10.79	(°) 65.82	(nT) 52,023

<b>Design</b> Actual				
<b>Audit Notes:</b>				
<b>Version:</b> 1.0	<b>Phase:</b> ACTUAL	<b>Tie On Depth:</b> 0.0		
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(usft) 0.0	(usft) 0.0	(usft) 0.0	(°) 271.95

<b>Survey Program</b>	<b>Date</b> 12/14/2014			
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
(usft) 568.0	(usft) 7,415.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard



**Payzone Directional**  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Project:</b>	USGS Myton SW (UT)	<b>TVD Reference:</b>	6-19-4-2E @ 5001.0usft (SS # 2)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>MD Reference:</b>	6-19-4-2E @ 5001.0usft (SS # 2)
<b>Well:</b>	6-19-4-2E	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	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)		
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00		
568.0	0.43	144.03	568.0	-1.3	-1.7	1.3	0.08	0.08	0.00		
599.0	0.40	137.62	599.0	-1.5	-1.9	1.4	0.18	-0.10	-20.68		
630.0	0.26	122.46	630.0	-1.6	-2.0	1.5	0.53	-0.45	-48.90		
661.0	0.26	178.97	661.0	-1.7	-2.1	1.6	0.79	0.00	182.29		
691.0	0.70	240.80	691.0	-1.5	-2.3	1.4	2.07	1.47	206.10		
722.0	1.23	241.28	722.0	-1.1	-2.5	1.0	1.71	1.71	1.55		
753.0	1.98	243.68	753.0	-0.3	-2.9	0.2	2.43	2.42	7.74		
784.0	2.42	242.21	784.0	0.7	-3.5	-0.9	1.43	1.42	-4.74		
814.0	2.77	249.50	813.9	2.0	-4.0	-2.1	1.60	1.17	24.30		
845.0	3.30	262.67	844.9	3.5	-4.6	-3.7	1.79	1.71	10.23		
876.0	3.78	256.75	875.8	5.3	-5.1	-5.5	1.75	1.55	13.16		
907.0	4.22	256.80	906.7	7.4	-5.5	-7.6	1.42	1.42	0.16		
937.0	4.66	256.27	936.7	9.7	-6.1	-9.9	1.47	1.47	-1.77		
968.0	5.32	256.18	967.5	12.2	-6.7	-12.5	2.13	2.13	-0.29		
999.0	5.98	252.40	998.4	15.2	-7.6	-15.4	2.44	2.13	-12.19		
1,030.0	6.55	254.20	1,029.2	18.4	-8.5	-18.7	1.94	1.84	5.81		
1,060.0	7.08	257.54	1,059.0	21.8	-8.4	-22.1	2.21	1.77	11.13		
1,104.0	7.91	262.29	1,102.6	27.4	-10.4	-27.8	2.35	1.89	10.80		
1,148.0	8.22	266.73	1,146.2	33.5	-11.0	-33.9	1.58	0.70	10.09		
1,192.0	8.70	268.13	1,189.7	40.0	-11.3	-40.4	1.19	1.09	3.18		
1,238.0	9.18	265.89	1,235.1	47.1	-11.6	-47.5	1.29	1.04	-4.87		
1,282.0	9.62	265.50	1,278.5	54.2	-12.2	-54.7	1.01	1.00	-0.89		
1,325.0	10.20	266.82	1,320.9	61.6	-12.7	-62.1	1.45	1.35	3.07		
1,369.0	10.88	267.93	1,364.2	69.6	-13.0	-70.1	1.61	1.55	2.52		
1,413.0	11.60	267.52	1,407.3	78.2	-13.4	-78.7	1.65	1.64	-0.93		
1,457.0	12.48	268.31	1,450.4	87.3	-13.7	-87.8	2.03	2.00	1.80		



Payzone Directional  
End of Well Report



<b>Company:</b> NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b> Well 6-19-4-2E
<b>Project:</b> USGS Myton SW (UT)	<b>TVD Reference:</b> 6-19-4-2E @ 5001.0usft (SS # 2)
<b>Site:</b> SECTION 19 T4S, R2E	<b>MD Reference:</b> 6-19-4-2E @ 5001.0usft (SS # 2)
<b>Well:</b> 6-19-4-2E	<b>North Reference:</b> True
<b>Wellbore:</b> Wellbore #1	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Design:</b> Actual	<b>Database:</b> 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)
1,501.0	12.74	269.72	1,493.3	96.9	-13.9	-97.4	0.92	0.59	3.20
1,544.0	13.32	270.90	1,535.2	106.6	-13.8	-107.1	1.48	1.35	2.74
1,588.0	14.19	269.80	1,577.9	117.1	-13.8	-117.6	2.06	1.98	-2.50
1,632.0	14.94	270.90	1,620.5	128.1	-13.7	-128.7	1.82	1.70	2.50
1,676.0	15.60	270.55	1,663.0	139.7	-13.5	-140.2	1.51	1.50	-0.80
1,720.0	15.91	271.47	1,705.3	151.6	-13.3	-152.2	0.90	0.70	2.09
1,763.0	16.70	273.01	1,746.6	163.7	-12.9	-164.2	2.09	1.84	3.58
1,807.0	17.31	273.19	1,788.6	176.6	-12.2	-177.1	1.39	1.39	0.41
1,851.0	18.33	274.81	1,830.5	190.0	-11.2	-190.5	2.58	2.32	3.68
1,895.0	19.51	276.31	1,872.2	204.3	-9.8	-204.7	2.90	2.68	3.41
1,939.0	20.13	276.09	1,913.6	219.2	-8.2	-219.6	1.42	1.41	-0.50
1,983.0	21.01	277.79	1,954.7	234.6	-6.3	-234.9	2.42	2.00	3.86
2,027.0	21.40	278.72	1,995.8	250.4	-4.1	-250.7	1.17	0.89	2.11
2,070.0	22.24	279.87	2,035.7	266.2	-1.5	-266.4	2.19	1.95	2.67
2,114.0	22.72	279.52	2,076.3	282.9	1.4	-283.0	1.13	1.09	-0.80
2,158.0	23.42	279.87	2,116.8	300.0	4.3	-300.0	1.62	1.59	0.80
2,202.0	23.89	279.94	2,157.1	317.5	7.3	-317.4	1.07	1.07	0.16
2,246.0	23.91	280.09	2,197.4	335.1	10.4	-334.9	0.15	0.05	0.34
2,289.0	24.26	279.47	2,236.6	352.5	13.4	-352.2	1.00	0.81	-1.44
2,333.0	24.35	279.96	2,276.7	370.4	16.4	-370.1	0.50	0.20	1.11
2,377.0	24.63	279.58	2,316.8	388.5	19.5	-388.1	0.73	0.64	-0.86
2,421.0	24.52	278.90	2,356.8	406.7	22.5	-406.1	0.69	-0.25	-1.55
2,464.0	24.13	278.64	2,395.9	424.2	25.2	-423.6	0.94	-0.91	-0.60
2,508.0	23.33	277.60	2,436.2	441.8	27.7	-441.2	2.05	-1.82	-2.36
2,552.0	23.12	276.83	2,476.7	459.1	29.9	-458.4	0.84	-0.48	-1.75
2,596.0	22.98	276.53	2,517.1	476.3	31.9	-475.5	0.42	-0.32	-0.68
2,642.0	22.58	275.83	2,559.6	494.1	33.8	-493.2	1.05	-0.87	-1.52



Payzone Directional  
End of Well Report



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 19 T4S, R2E  
 Well: 6-19-4-2E  
 Wellbore: Wellbore #1  
 Design: Actual

Local Co-ordinate Reference: Well 6-19-4-2E  
 TVD Reference: 6-19-4-2E @ 5001.0usft (SS # 2)  
 MD Reference: 6-19-4-2E @ 5001.0usft (SS # 2)  
 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)
2,729.0	22.02	275.25	2,640.1	527.0	37.0	-526.0	0.69	-0.64	-0.67
2,773.0	21.23	274.22	2,681.0	543.2	38.3	-542.2	1.99	-1.80	-2.34
2,817.0	20.61	272.48	2,722.1	558.9	39.2	-557.9	1.99	-1.41	-3.95
2,863.0	20.52	271.34	2,765.1	575.1	39.8	-574.0	0.89	-0.20	-2.48
2,907.0	20.35	271.30	2,806.4	590.4	40.1	-589.4	0.39	-0.39	-0.09
2,950.0	20.00	271.52	2,846.7	605.2	40.5	-604.2	0.83	-0.81	0.51
2,995.0	20.17	271.52	2,889.9	621.0	40.9	-620.0	0.37	0.37	0.00
3,040.0	20.30	270.20	2,931.2	636.3	41.1	-635.2	1.08	0.30	-3.00
3,084.0	20.96	269.94	2,972.4	651.8	41.2	-650.7	1.51	1.50	-0.59
3,128.0	21.84	272.13	3,013.4	667.8	41.4	-666.8	2.70	2.00	4.98
3,172.0	22.42	272.95	3,054.1	684.4	42.2	-683.3	1.49	1.32	1.86
3,215.0	23.26	272.42	3,093.7	701.1	43.0	-700.0	2.01	1.95	-1.23
3,261.0	24.04	272.63	3,135.9	719.5	43.8	-718.4	1.71	1.70	0.46
3,307.0	24.61	272.18	3,177.8	738.5	44.6	-737.4	1.30	1.24	-0.98
3,351.0	24.99	272.13	3,217.7	756.9	45.3	-755.8	0.86	0.86	-0.11
3,394.0	25.14	272.04	3,256.7	775.1	45.9	-774.0	0.36	0.35	-0.21
3,438.0	25.36	271.65	3,296.5	793.9	46.5	-792.8	0.63	0.50	-0.89
3,526.0	25.93	272.31	3,375.8	832.0	47.8	-830.8	0.72	0.65	0.75
3,570.0	25.94	271.90	3,415.4	851.2	48.6	-850.1	0.41	0.02	-0.93
3,616.0	26.19	272.13	3,456.7	871.4	49.3	-870.3	0.59	0.54	0.50
3,659.0	26.24	272.04	3,495.3	890.4	50.0	-889.3	0.15	0.12	-0.21
3,703.0	25.84	272.00	3,534.8	909.8	50.6	-908.6	0.91	-0.91	-0.09
3,749.0	24.17	270.81	3,576.5	929.2	51.1	-928.0	3.79	-3.63	-2.59
3,791.0	23.64	270.86	3,614.9	946.2	51.4	-945.0	1.26	-1.26	0.12
3,837.0	23.27	270.12	3,657.1	964.5	51.5	-963.3	1.03	-0.80	-1.61
3,880.0	22.81	270.42	3,696.7	981.3	51.6	-980.2	1.10	-1.07	0.70
3,926.0	21.91	270.18	3,739.2	998.8	51.7	-997.7	1.97	-1.96	-0.52



Payzone Directional  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Project:</b>	USGS Myton SW (UT)	<b>TVD Reference:</b>	6-19-4-2E @ 5001.0usft (SS # 2)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>MD Reference:</b>	6-19-4-2E @ 5001.0usft (SS # 2)
<b>Well:</b>	6-19-4-2E	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	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)	
3,968.0	21.34	270.78	3,778.2	1,014.3	51.8	-1,013.1	1.46	-1.36	1.43	
4,012.0	20.96	270.37	3,819.3	1,030.2	52.0	-1,029.0	0.93	-0.86	-0.93	
4,056.0	21.05	270.20	3,860.4	1,045.9	52.1	-1,044.8	0.25	0.20	-0.39	
4,099.0	21.45	272.04	3,900.4	1,061.5	52.4	-1,080.4	1.81	0.93	4.28	
4,143.0	20.83	274.20	3,941.5	1,077.4	53.2	-1,076.2	2.26	-1.41	4.91	
4,187.0	20.43	274.53	3,982.7	1,092.9	54.4	-1,091.7	0.95	-0.91	0.75	
4,231.0	19.82	273.63	4,024.0	1,108.0	55.5	-1,106.8	1.55	-1.39	-2.05	
4,275.0	19.34	272.84	4,065.4	1,122.7	56.3	-1,121.5	1.25	-1.09	-1.80	
4,318.0	19.12	272.35	4,106.0	1,138.9	57.0	-1,135.6	0.63	-0.51	-1.14	
4,362.0	19.03	271.56	4,147.6	1,151.3	57.5	-1,150.0	0.62	-0.20	-1.80	
4,406.0	19.03	269.50	4,189.2	1,165.6	57.6	-1,164.3	1.53	0.00	-4.68	
4,450.0	19.03	270.92	4,230.8	1,180.0	57.6	-1,178.7	1.05	0.00	3.23	
4,493.0	19.42	271.65	4,271.4	1,194.1	58.0	-1,192.8	1.07	0.91	1.70	
4,537.0	19.64	270.51	4,312.9	1,208.8	58.2	-1,207.5	1.00	0.50	-2.59	
4,581.0	18.85	270.37	4,354.4	1,223.3	58.3	-1,222.0	1.80	-1.80	-0.32	
4,625.0	17.93	270.68	4,396.2	1,237.2	58.5	-1,235.9	2.10	-2.09	0.70	
4,669.0	17.27	270.68	4,438.1	1,250.5	58.6	-1,249.2	1.50	-1.50	0.00	
4,712.0	17.31	271.61	4,479.2	1,263.3	58.9	-1,262.0	0.65	0.09	2.16	
4,756.0	17.53	272.48	4,521.1	1,276.5	59.4	-1,275.2	0.77	0.50	1.98	
4,802.0	16.61	270.64	4,565.1	1,290.0	59.7	-1,288.7	2.32	-2.00	-4.00	
4,846.0	15.76	268.28	4,607.4	1,302.2	59.6	-1,300.9	2.44	-1.93	-5.36	
4,890.0	15.42	267.08	4,649.8	1,314.0	59.1	-1,312.7	1.07	-0.77	-2.73	
4,933.0	15.25	268.13	4,691.2	1,325.3	58.7	-1,324.1	0.76	-0.40	2.44	
4,977.0	15.03	268.13	4,733.7	1,336.8	58.3	-1,335.6	0.50	-0.50	0.00	
5,021.0	14.77	268.71	4,776.2	1,348.1	58.0	-1,346.9	0.68	-0.59	1.32	
5,065.0	14.24	267.65	4,818.8	1,359.1	57.6	-1,357.9	1.35	-1.20	-2.41	
5,109.0	13.32	267.21	4,861.5	1,369.5	57.2	-1,368.4	2.10	-2.09	-1.00	



Payzone Directional  
End of Well Report



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 19 T4S, R2E  
 Well: 6-19-4-2E  
 Wellbore: Wellbore #1  
 Design: Actual

Local Co-ordinate Reference: Well 6-19-4-2E  
 TVD Reference: 6-19-4-2E @ 5001.0usft (SS # 2)  
 MD Reference: 6-19-4-2E @ 5001.0usft (SS # 2)  
 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)
5,152.0	13.01	268.92	4,903.4	1,379.3	56.8	-1,378.2	1.16	-0.72	3.98
5,196.0	12.82	268.75	4,946.3	1,389.1	56.6	-1,388.0	0.44	-0.43	-0.39
5,240.0	12.17	268.71	4,989.3	1,398.6	56.4	-1,397.5	1.48	-1.48	-0.09
5,284.0	11.77	268.27	5,032.3	1,407.7	56.2	-1,406.6	0.93	-0.91	-1.00
5,328.0	11.29	268.92	5,075.4	1,416.5	56.0	-1,415.4	1.13	-1.09	1.48
5,373.0	10.68	269.85	5,119.6	1,425.1	55.9	-1,424.0	1.41	-1.36	2.07
5,417.0	10.15	270.59	5,162.9	1,433.0	55.9	-1,432.0	1.24	-1.20	1.68
5,461.0	9.54	269.58	5,206.2	1,440.6	55.9	-1,439.5	1.44	-1.39	-2.30
5,505.0	9.14	272.66	5,249.6	1,447.7	56.0	-1,446.6	1.45	-0.91	7.00
5,549.0	9.10	274.64	5,293.1	1,454.7	56.5	-1,453.6	0.72	-0.09	4.60
5,592.0	8.88	276.09	5,335.6	1,461.4	57.1	-1,460.3	0.73	-0.51	3.37
5,638.0	8.53	276.35	5,381.0	1,468.3	57.9	-1,467.2	0.77	-0.76	0.57
5,682.0	8.01	272.90	5,424.6	1,474.6	58.4	-1,473.5	1.63	-1.18	-7.84
5,726.0	7.29	268.75	5,468.2	1,480.5	58.5	-1,479.4	2.06	-1.64	-9.43
5,770.0	6.86	267.83	5,511.8	1,485.9	58.3	-1,484.8	1.01	-0.98	-2.09
5,813.0	6.68	269.28	5,554.5	1,491.0	58.2	-1,489.8	0.58	-0.42	3.37
5,857.0	6.15	273.41	5,598.3	1,495.9	58.3	-1,494.7	1.60	-1.20	9.39
5,901.0	5.89	276.13	5,642.0	1,500.5	58.7	-1,499.3	0.88	-0.59	6.18
5,945.0	5.32	278.42	5,685.8	1,504.8	59.2	-1,503.6	1.39	-1.30	5.20
5,989.0	4.54	279.71	5,729.6	1,508.5	59.8	-1,507.3	1.79	-1.77	2.93
6,034.0	3.43	287.21	5,774.5	1,511.6	60.5	-1,510.4	2.72	-2.47	16.67
6,076.0	2.90	294.28	5,816.5	1,513.6	61.3	-1,512.6	1.56	-1.26	16.83
6,120.0	2.42	294.76	5,860.4	1,515.6	62.2	-1,514.4	1.09	-1.09	1.09
6,164.0	1.49	309.71	5,904.4	1,517.0	62.9	-1,515.7	2.39	-2.11	33.98
6,208.0	0.97	307.96	5,948.4	1,517.7	63.5	-1,516.4	1.18	-1.18	-3.98
6,251.0	0.71	296.20	5,991.4	1,518.2	63.9	-1,517.0	0.72	-0.60	-27.35
6,295.0	0.26	330.05	6,035.4	1,518.5	64.1	-1,517.2	1.17	-1.02	76.93



**Payzone Directional**  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Project:</b>	USGS Myton SW (UT)	<b>TVD Reference:</b>	6-19-4-2E @ 5001.0usft (SS # 2)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>MD Reference:</b>	6-19-4-2E @ 5001.0usft (SS # 2)
<b>Well:</b>	6-19-4-2E	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	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)	
6,339.0	0.48	58.91	6,079.4	1,518.4	64.3	-1,517.1	1.23	0.50	201.95	
6,383.0	1.27	69.02	6,123.4	1,517.8	64.5	-1,516.5	1.82	1.80	22.98	
6,427.0	1.10	82.82	6,167.4	1,517.0	64.7	-1,515.7	0.75	-0.39	31.36	
6,473.0	1.01	90.86	6,213.4	1,516.1	64.8	-1,514.8	0.38	-0.20	17.48	
6,516.0	0.88	103.82	6,256.4	1,515.4	64.7	-1,514.1	0.58	-0.30	30.14	
6,560.0	0.92	100.92	6,300.3	1,514.8	64.6	-1,513.4	0.14	0.09	-6.59	
6,604.0	0.97	101.93	6,344.3	1,514.0	64.4	-1,512.7	0.12	0.11	2.30	
6,648.0	0.97	109.54	6,388.3	1,513.3	64.2	-1,512.0	0.29	0.00	17.30	
6,692.0	0.97	113.89	6,432.3	1,512.6	63.9	-1,511.3	0.17	0.00	9.89	
6,735.0	0.97	129.13	6,475.3	1,512.0	63.6	-1,510.7	0.60	0.00	35.44	
6,779.0	1.01	128.61	6,519.3	1,511.4	63.1	-1,510.1	0.09	0.09	-1.18	
6,823.0	1.14	135.81	6,563.3	1,510.8	62.5	-1,509.5	0.43	0.30	16.36	
6,867.0	1.14	148.16	6,607.3	1,510.2	61.8	-1,509.0	0.56	0.00	28.07	
6,911.0	1.27	147.70	6,651.3	1,509.7	61.1	-1,508.5	0.30	0.30	-1.05	
6,955.0	1.23	151.42	6,695.3	1,509.2	60.2	-1,508.0	0.21	-0.09	8.45	
7,042.0	1.27	154.01	6,782.3	1,508.2	58.6	-1,507.1	0.08	0.05	2.98	
7,086.0	1.19	154.84	6,826.3	1,507.8	57.7	-1,506.7	0.19	-0.18	1.89	
7,130.0	1.32	153.48	6,870.2	1,507.4	56.8	-1,506.3	0.30	0.30	-3.09	
7,174.0	1.32	157.35	6,914.2	1,506.9	55.9	-1,505.9	0.20	0.00	8.80	
7,217.0	1.27	155.59	6,957.2	1,506.5	55.0	-1,505.5	0.15	-0.12	-4.09	
7,261.0	1.19	161.61	7,001.2	1,506.1	54.1	-1,505.1	0.35	-0.18	13.68	
7,305.0	1.27	155.55	7,045.2	1,505.7	53.3	-1,504.8	0.35	0.18	-13.77	
7,349.0	1.23	160.16	7,089.2	1,505.3	52.4	-1,504.4	0.25	-0.09	10.48	
7,365.0	1.20	158.32	7,105.2	1,505.2	52.1	-1,504.3	0.31	-0.19	-11.50	
7,415.0	1.20	158.32	7,155.2	1,504.8	51.1	-1,503.9	0.00	0.00	0.00	



**Payzone Directional**  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well 6-19-4-2E
<b>Project:</b>	USGS Myton SW (UT)	<b>TVD Reference:</b>	6-19-4-2E @ 5001.0usft (SS # 2)
<b>Site:</b>	SECTION 19 T4S, R2E	<b>MD Reference:</b>	6-19-4-2E @ 5001.0usft (SS # 2)
<b>Well:</b>	6-19-4-2E	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 5000.1 Single User Db

Checked By: _____	Approved By: _____	Date: _____
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Sundry Number: 61019 API Well Number: 43047543140000

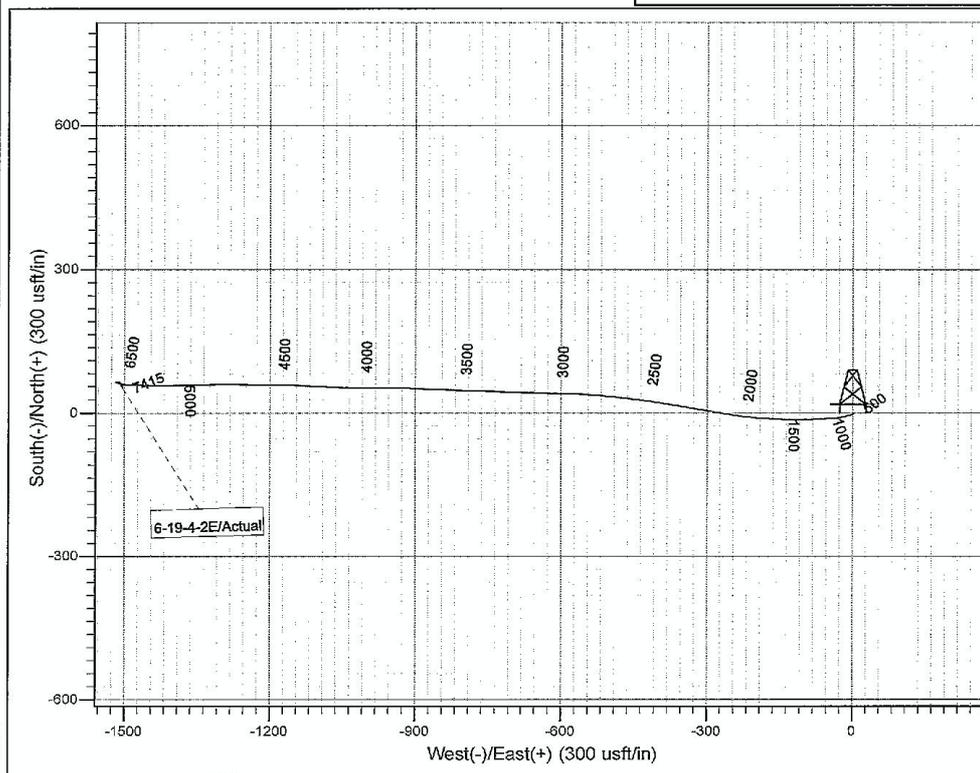
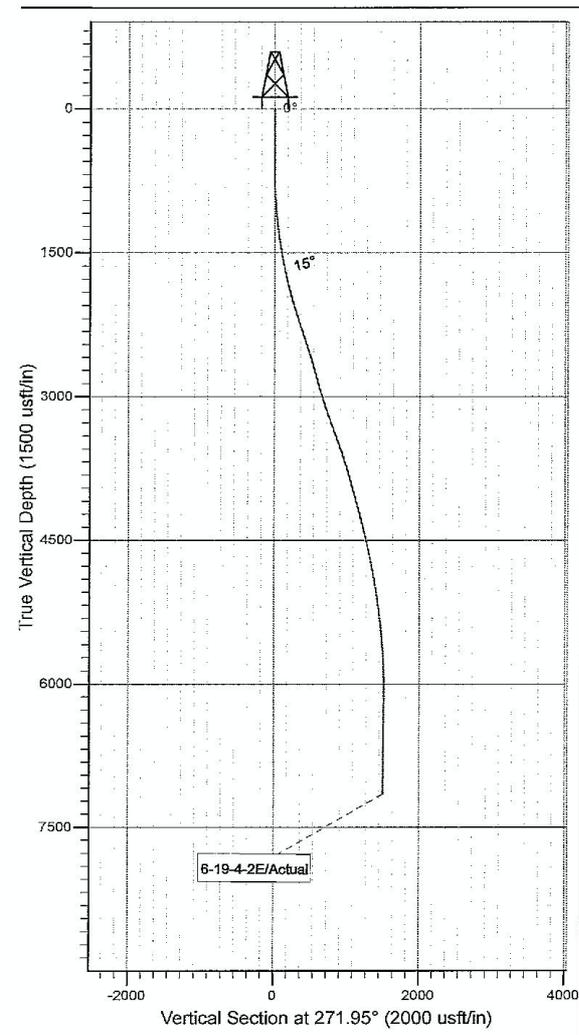


Project: USGS Myton SW (UT)  
Site: SECTION 19 T4S, R2E  
Well: 6-19-4-2E  
Wellbore: Wellbore #1  
Design: Actual



Azimuths to True North  
Magnetic North: 10.79°

Magnetic Field  
Strength: 52023.0snT  
Dip Angle: 65.82°  
Date: 10/14/2014  
Model: IGRF2010



Design: Actual (6-19-4-2E/Wellbore #1)

Created By: *Matthew Linton* Date: 16:13, December 14

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

## NEWFIELD



## Summary Rig Activity

Well Name: Ute Tribal 6-19-4-2E

Job Category	Job Start Date	Job End Date

## Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
12/30/2014	12/31/2014	Bond log, Test, Perf first stage
Start Time	End Time	Comment
00:00	06:00	SWIFN
Start Time	End Time	Comment
06:00	08:00	RIH W@/ logging equipment stacking out @ 6730, could not get through spot
Start Time	End Time	Comment
08:00	11:00	Test Frac stack, NU DBL 2 7/8" pipe, test
Start Time	End Time	Comment
11:00	00:00	SWIFN
Report Start Date	Report End Date	24hr Activity Summary
12/31/2014	1/1/2015	RU Workover, PU 2 7/8" TBG
Start Time	End Time	Comment
00:00	14:00	SWIFN
Start Time	End Time	Comment
14:00	16:00	Spot in rig, rig not scoping all the way up, grease slides, able to RU
Start Time	End Time	Comment
16:00	18:00	RU Workfloor, X-O TBG equipment, SWIFN
Start Time	End Time	Comment
18:00	20:00	Crew Travel
Start Time	End Time	Comment
20:00	00:00	SWIFN
Report Start Date	Report End Date	24hr Activity Summary
1/1/2015	1/2/2015	PU 2 7/8" tbg, clean out, LD tbg
Start Time	End Time	Comment
00:00	05:00	SWIFN
Start Time	End Time	Comment
05:00	07:00	Crew Travel, JSA, Start Equipment
Start Time	End Time	Comment
07:00	09:00	PU 4 3/4" mill, X-O, 1 jnt, SN, 60 jnts 2 7/8" TBG, Dropping drift dwn tbg
Start Time	End Time	Comment
09:00	10:00	Pull 30 stands to derrick, Retrieving drift out of nipple
Start Time	End Time	Comment
10:00	11:00	RIH w/ 4 3/4" mill, 30 stands out of derrick
Start Time	End Time	Comment
11:00	15:00	PU 149 more JNTS, tagging Cement @ 6730
Start Time	End Time	Comment
15:00	16:00	RU RBS Power Swivel
Start Time	End Time	Comment
16:00	23:00	Clean out dwn to 7080, 11 jnts
Start Time	End Time	Comment
23:00	00:00	LD 60 jnts
Report Start Date	Report End Date	24hr Activity Summary
1/2/2015	1/3/2015	LD TBG, RD Workover
Start Time	End Time	Comment
00:00	02:00	Finish LD TBG
Start Time	End Time	Comment
02:00	03:00	RD Dbl pipe rams
Start Time	End Time	Comment
03:00	05:00	Workover not kicking dogs when trying to RD. Kick Dogs by hand, RD workover

NEWFIELD



## Summary Rig Activity

Well Name: Ute Tribal 6-19-4-2E

Start Time	End Time	Comment
05:00	13:00	MIRU Halliburton frac crew to frac 7-19-4-1E.
13:00	15:00	Comment RIH w/cbl tools. Tag @ 7065', still 314' from PBTD. Confer w/Newfield Engineer (paul Lembcke. Decie to drop the bottom 2' gun for stg1 Wasatch. Perforate stg 1 @ WASATCH 7058-60', 7045-46', 7023-24', 7011-12'. POOH
15:00	00:00	Comment SDFN - wait of frac of 7-19.
Report Start Date 1/4/2015	Report End Date 1/5/2015	24hr Activity Summary Frac/flowback
00:00	03:30	Comment SDFN
03:30	05:00	Comment Start equipment, get straps, get ready to frac
05:00	05:15	Comment Location safety mtg w/all hands
05:15	05:30	Comment PSI test all frac iron & equipment-good
05:30	06:30	Comment Attempt to frac stg 1, formation would not break. Pressured up to 6200# and held. Watched for 1 hr and it bled off 300#.
06:30	07:15	Comment RIH w/acid bailer. Drop acid on stg 1 perfs 7060-12'. Tag PBTD @ 7065', no new fill.
07:15	07:30	Comment Re-attempt frac of stg 1, still unable to break, well pressured up to 6200# and held. Discuss w/Engineer (Paul Lembcke) & decide to re-perf Wasatch @ 7058-60, not set KP and frac Wasatch w/BSCARB, adding 30k# 30/50 white to job.
07:30	08:30	Comment DID NOT SET PLUG! Re-perforate stg 1 @ WASATCH 7058-60'. Perforate stg2 @ BSCARB 6958-60', 6949-51', 6940-41', 6927-28', 6921-22', 6912-13' w/3spf for total of 30 shots.
08:30	09:45	Comment Frac stg 2 as detailed. Added 30k 30/50 white to stage. Lost blender during stg, flushed well clean. Attempted to fix blender. Got back into sand and put the rest of designed away. Blender still not working right, finished frac @ 30bpm.
09:45	10:45	Comment Set plug @ 6850'. Perforate stg 3 @ CP4 6768-71', CP3 6721-23', CP2 6638-39', 6618-19' w/2spf for total of 14 shots.
10:45	12:15	Comment Swap out blenders, original blender having hydraulic issues and getting full RPM, unable to go desired BPM.
12:15	12:45	Comment Frac stg 3 as detailed.
12:45	13:30	Comment Set plug @ 6570'. Perforate stg 4 @ LBLKSH 6505-07', 6493-95', 6485-86', 6423-24', 6415-16', 6344-45', 6320-21', 6310-11 w/2spf for total of 20 shots.
13:30	14:45	Comment Frac stg 4 as detailed.

Summary Rig Activity

Well Name: Ute Tribal 6-19-4-2E

Start Time	14:45	End Time	15:30	Comment	Set plug @ 6270'.
Start Time	15:30	End Time	16:30	Comment	Perforate stg 5 @ BICARB 6209-6211', 6196-98', 9184-85', 6082-83', 6076-77' w/3spf for total of 21 shots.
Start Time	16:30	End Time	17:15	Comment	Frac stg 5 as detailed. Total sand 20k# over designed.
Start Time	17:15	End Time	18:00	Comment	Set plug @ 6000'.
Start Time	18:00	End Time	22:00	Comment	Perforate stg 6 @ D@ 5923-25', D1 5890-92', 5874-76', 5849-50', DS 5794-95', 5752-53', 5667-68' w/2spf for total of 20 shots.
Start Time	22:00	End Time	00:00	Comment	Frac stg 6 as detailed. Sand totalled 12k# over designed.
Report Start Date	1/5/2015	Report End Date	1/6/2015	24hr Activity Summary	flowback
Start Time	00:00	End Time	00:00	Comment	Open well to flowback tanks @ 1bpm. Open psi 1000#.
Report Start Date	1/6/2015	Report End Date	1/7/2015	24hr Activity Summary	flowback, SI well
Start Time	00:00	End Time	07:30	Comment	Continue to flow well to tanks @ 1bpm.
Start Time	07:30	End Time	00:00	Comment	Flowback @ 1bpm. Close in well @ 0730. PSI dwn to 200#, turning to oil. Returned approx. 1770 bbls.
Report Start Date	1/7/2015	Report End Date	1/8/2015	24hr Activity Summary	Set KPs
Start Time	00:00	End Time	10:00	Comment	SDFN
Start Time	10:00	End Time	12:00	Comment	Pump 50bbls hot wtr dwn well w/hot oiler. RIH w/Weatherford 10k solid plugs. Set KPs @ 5560' & 5550'.
Start Time	12:00	End Time	00:00	Comment	POOH/bleed off psi. RD wireline.
Report Start Date	1/8/2015	Report End Date	1/9/2015	24hr Activity Summary	NU/test drillout stack
Start Time	00:00	End Time	12:00	Comment	SDFN
Start Time	12:00	End Time	14:30	Comment	NU d/o stack. RU B&C Quicktest. PSI test stack-good.
Report Start Date	1/9/2015	Report End Date	1/10/2015	24hr Activity Summary	MIRUSU, tag kp
Start Time	00:00	End Time	05:00	Comment	SDFN
Start Time	05:00	End Time	07:00	Comment	Crew travel & safety mtg
Start Time	07:00	End Time	10:00	Comment	1" valve was left cracked on 7-19 overnight. Small amount of oil on ground in am. Spent time cleaning up oil.

## NEWFIELD



## Summary Rig Activity

Well Name: Ute Tribal 6-19-4-2E

Start Time	End Time	Comment
10:00	13:00	RD from 7-19, move over & rig up on 6-19. RU hardline to circulate to pit & pit tanks.
13:00	17:15	pick up to jt #21 w/Graco pipe wrangler, ran into oil plug, stacked out on oil plug. trouble catching circulation. Continue PU tbg (catwack breakdown). PU to jt #173, tagged KP @ 5550', LD 2 jts. Leaving 171 jts in hole. EOT 5480', SDFN.
17:15	18:00	Secure well. Drain pump & hardline, tarp WH.
18:00	20:00	Crew travel
20:00	00:00	SDFN
Report Start Date 1/12/2015	Report End Date 1/13/2015	24hr Activity Summary d/o plugs, start drilling cement
00:00	05:00	SDFN
05:00	07:00	Crew travel & safety mtg
07:00	09:00	SI pwr swvl, had to chain up truck to SI the swvl. RU swvl & static lines & mud pump after drained up.
09:00	10:30	Tag KP @ 5556', both together, D/o plugs (30min), tag fill @ 5952' (48' of fill), Lost circulation.
10:30	12:30	Work tbg up & dwn to free blockage. Can pump dwn csg but not dwn tbg. Freed up blockage and rolled clean.
12:30	17:30	Clean out to plug @ 6033', drill plug (8min), tag plug @ 6287', drill up (10min), tag plug @ 6578', drill up (11min), tag fill @ 6812 (22' of fill), c/o & tag plug @ 6840', drill up (20min), PU & C/O 62' of sand, tag cement @ 7075'. Drill out cement to 7135' (pump 10bbbl gel sweep after each plug).
17:30	18:15	Circulate bottoms up (120bbbl).
18:15	18:30	Hang swvl back, POOH w/10jts. EOT @ 6817'.
18:30	19:00	Secure well, drain mud pump & lines, tarp BOPs, SDFN.
19:00	21:00	Crew travel
21:00	00:00	SDFN
Report Start Date 1/13/2015	Report End Date 1/14/2015	24hr Activity Summary finish d/o cement, RT tbg.
00:00	05:00	SDFN
05:00	07:00	Crew travel & safety mtg
07:00	08:00	start rig, RU hardline, check psi tbg 100#, csg 125#, bleed off thru hardline.
08:00	09:00	RIH w/10 jts out of derrick, tag cement @ 7131', RU pwr swvl, 4' of fill. Trouble catching circulation.
09:00	14:00	Mill cement to PBTD of 7379' @ 1-2 feet per min.

NEWFIELD



## Summary Rig Activity

Well Name: Ute Tribal 6-19-42E

Start Time	End Time	Comment
14:00	15:15	Circulate 150 bbls @ 3bpm, rack out pwr swvl.
15:15	17:15	LD 8 jts on rack, POOH w/222 jts, stripped off washington rubber.
17:15	18:30	MU new BHA, RIH w/100 jts tbg, EOT @ 3250'.
18:30	19:00	SWIFN, drain hardline, tarp BOPs
19:00	21:00	Crew travel
21:00	00:00	SDFN
Report Start Date 1/14/2015	Report End Date 1/15/2015	24hr Activity Summary land tbg, RIH w/rods & pump. PWOP
00:00	05:00	SDFN
05:00	07:00	Crew travel & safety mtg
07:00	08:45	Check psi, csg 250#, tbg 125#. Bleed off csg, flowing wtr, strip on wash head, run line to pit.
08:45	09:30	Finish RIH w/prod. tbg
09:30	10:30	Work tbg to set TAC @ 7112' w/15k.
10:30	12:30	RD tbg equip. & work floor. ND BOP, NU WH & flowline, x-over to rod equip. Well started flowing.
12:30	16:00	PU/prime new D-Now pump, PU rods off triler, space out rods, PU polish rod.
16:00	16:15	Fill tbg w/2 bbls & stroke test pump to 800# (good test).
16:15	16:30	Hang horse head.
16:30	17:30	Rig down all rig equipment.
17:30	19:00	Clean location, prep to move in the am. Rig down heaters & lights.
19:00	21:00	Crew travel
21:00	00:00	SDFN