

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ranch 16-10-3-2WH				
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 NORTH MYTON 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 mcozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Dart Homestead Ranch, Inc.						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-722-7087				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') Route 2, Box 2044, Roosevelt, UT 84066						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 type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		376 FSL 2340 FEL		SW/SE	10	3.0 S	2.0 W	U		
Top of Uppermost Producing Zone		660 FSL 660 FEL		SE/SE	10	3.0 S	2.0 W	U		
At Total Depth		660 FNL 660 FEL		NENE	10	3.0 S	2.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 376			23. NUMBER OF ACRES IN DRILLING UNIT 40				
27. ELEVATION - GROUND LEVEL 5344			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 30			26. PROPOSED DEPTH MD: 13648 TVD: 9143				
			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	24	20	0 - 60	0.0	Unknown	0.0	Class G	57	1.17	15.8
SURF	17.5	13.375	0 - 1500	54.5	J-55 ST&C	8.4	Varocem	120	3.33	11.0
							Varocem	420	1.9	13.0
I1	12.25	9.625	0 - 8800	40.0	N-80 Buttruss	10.5	Halliburton Premium , Type Unknown	712	3.53	11.0
							50/50 Poz	508	1.29	14.0
PROD	8.75	5.5	0 - 13648	20.0	P-110 Other	14.5	Halliburton Premium , Type Unknown	79	3.53	11.0
							50/50 Poz	1092	1.29	14.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton				TITLE Permitting Agent				PHONE 435 719-2018		
SIGNATURE				DATE 07/12/2013				EMAIL starpoint@etv.net		
API NUMBER ASSIGNED 43013522970000				APPROVAL  Permit Manager						

Newfield Production Company
16-10-3-2WH
Surface Hole Location: 376' FSL, 2340' FEL, Section 10, T3S, R2W
Bottom Hole Location: 660' FNL, 660' FEL, Section 10, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,728'
Garden Gulch member	6,666'
Uteland Butte member	8,854'
Lateral TD	9,143' TVD / 13,648' MD

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

Base of moderately saline	1,379'	(water)
Green River	6,666' - 8,854'	(oil)
Uteland Butte member	8,854' - 9,143'	(oil)

3. Pressure Control

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" Diverter
Intermediate	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.
Prod/Prod Liner	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 20	0'	60'	--	--	Weld	--	--	--	--	--	--
Surface 13 3/8	0'	1,500'	54.5	J-55	STC	8.33	8.4	14	2,730	1,130	514,000
									2.68	2.24	6.29
Intermediate 9 5/8	0'	8,458' 8,800'	40	N-80	BTC	10	10.5	15	5,750	3,090	916,000
									1.08	1.34	2.71
Production 5 1/2	0'	9,143' 13,648'	20	P-110	BTC	14	14.5	16	12,360	11,080	641,000
									2.15	1.85	2.35

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
 Intermediate casing MASP = (reservoir pressure) - (gas gradient)
 Production casing MASP = (reservoir pressure) - (gas gradient)
 Intermediate collapse calculations assume 50% evacuated
 Maximum intermediate csg collapse load assumes loss of mud to a fluid level of 4,229'
 Intermediate csg run from surface to 8,458' and will not experience full evacuation
 Production csg run from surface to TD will isolate intermediate csg from production loads
 Production csg withstands burst and collapse loads for anticipated production conditions
 Surface & production collapse calcs assume fully evacuated casing w/ a gas gradient
 All tension calculations assume air weight of casing
 Gas gradient = 0.1 psi/ft

All casing shall be new.

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

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	24	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	66	15%	15.8	1.17
				57			
Surface Lead	17 1/2	500'	Varicem (Type III) + .125 lbs/sk Cello Flakes	399	15%	11.0	3.33
				120			
Surface Tail	17 1/2	1,000'	Varicem (Type III) + .125 lbs/sk Cello Flakes	799	15%	13.0	1.9
				420			
Intermediate Lead	12 1/4	6,980'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2514	15%	11.0	3.53
				712			
Intermediate Tail	12 1/4	1,820'	50/50 Poz/Class G + 1% bentonite	656	15%	14.0	1.29
				508			
Production Lead	8 3/4	965'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	280	15%	11.0	3.53
				79			
Production Tail	8 3/4	4,848'	50/50 Poz/Class G + 1% bentonite	1408	15%	14.0	1.29
				1092			

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

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

The 5.5" production string will be run from surface to TD and cemented to Surface. The cement slurries will be adjusted for hole conditions and blend test results. The lateral will be cemented past the setback.

6. Type and Characteristics of Proposed Circulating Medium**Interval****Description**

Surface - 1,500'

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

1,500' - 8,800' A water based mud: 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 10.5 ppg.

8,800' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells: A
water based mud: 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.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. The cuttings will be mixed with fly ash prior to transportation to a location on Newfield owned surface. Once on Newfield owned surface, the cuttings will be treated with the previously approved FIRMUS process and used as a construction material on future location and/or roads on Newfield owned surface. The cuttings may also be transported to a state approved disposal facility.

Anticipated maximum mud weight is 14.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from KOP to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from KOP to the cement top behind the production casing and or intermediate 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 0.73 psi/ft gradient.

$$9,143' \times 0.73 \text{ psi/ft} = 6656.1 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

The lateral of this well will target the Uteland Butte member of the Green River formation

After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 8,835'

Directional tools will then be used to build to 87.19 degrees inclination.

The lateral will be drilled to the bottomhole location shown on the plat. A 5-1/2" longstring will be run from surface to TD and cemented in place.

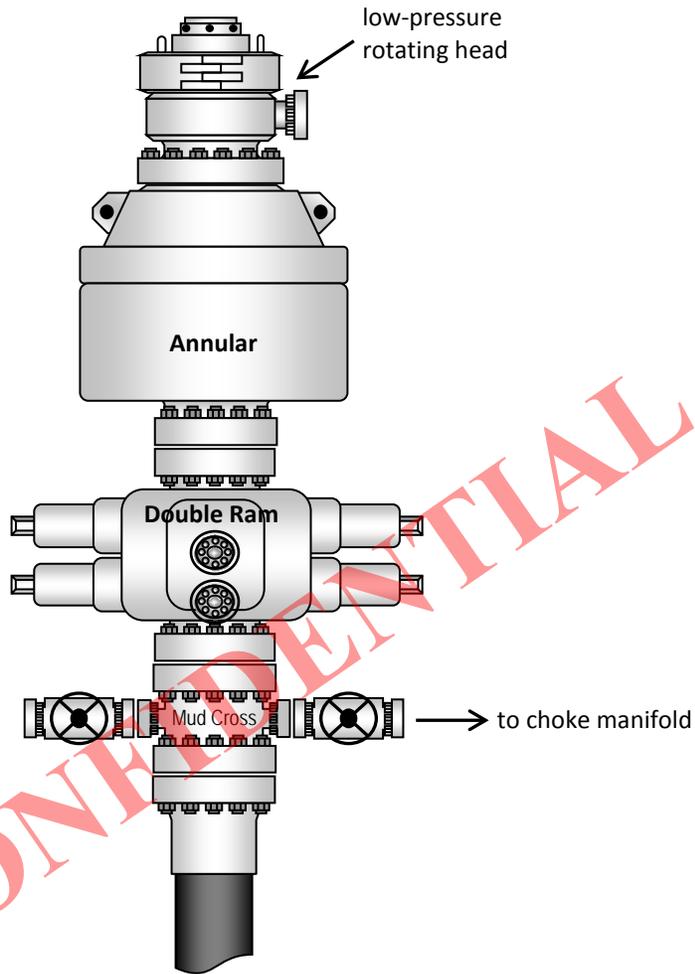
Newfield requests the following variances from Onshore Order #2:

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

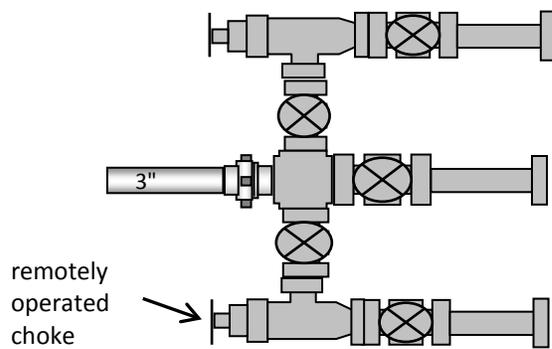
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used and If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

Typical 5M BOP stack configuration



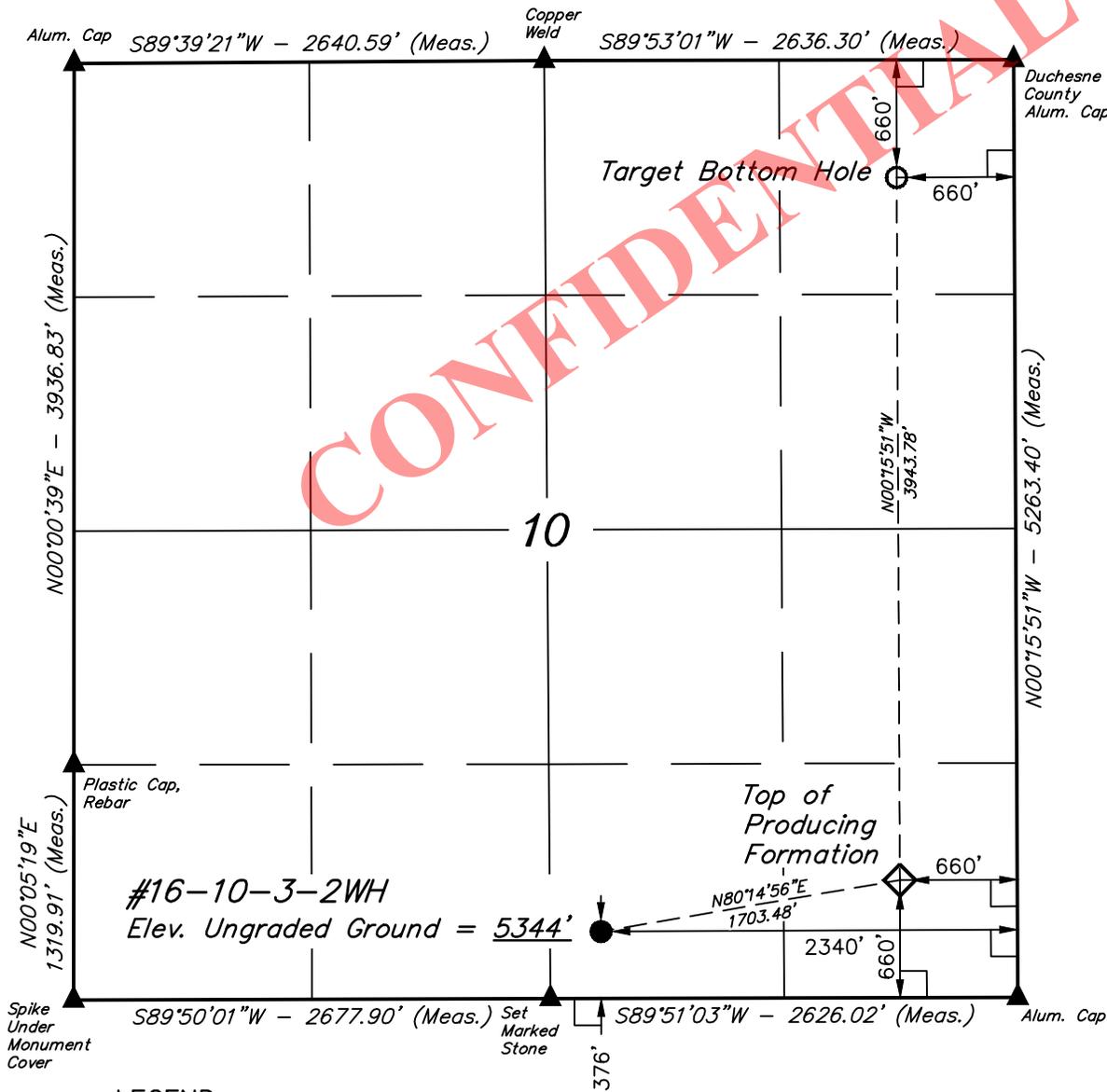
Typical 5M choke manifold configuration



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

NEWFIELD EXPLORATION COMPANY

Well location, #16-10-3-2WH, located as shown in the SW 1/4 SE 1/4 of Section 10, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

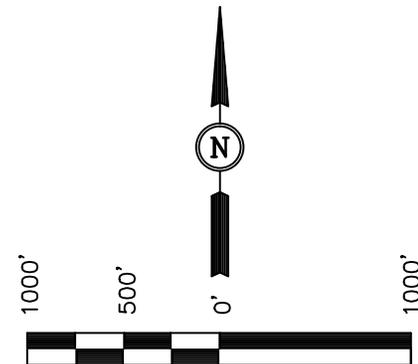


BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PART 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.

ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- └ = 90° SYMBOL

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (TOP OF PRODUCING FORMATION)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°14'31.89" (40.242192)	LATITUDE = 40°13'52.92" (40.231367)	LATITUDE = 40°13'50.07" (40.230575)
LONGITUDE = 110°05'19.28" (110.088689)	LONGITUDE = 110°05'19.07" (110.088631)	LONGITUDE = 110°05'40.71" (110.094642)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (TOP OF PRODUCING FORMATION)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°14'32.03" (40.242231)	LATITUDE = 40°13'53.06" (40.231406)	LATITUDE = 40°13'50.22" (40.230617)
LONGITUDE = 110°05'16.74" (110.087983)	LONGITUDE = 110°05'16.53" (110.087925)	LONGITUDE = 110°05'38.17" (110.093936)

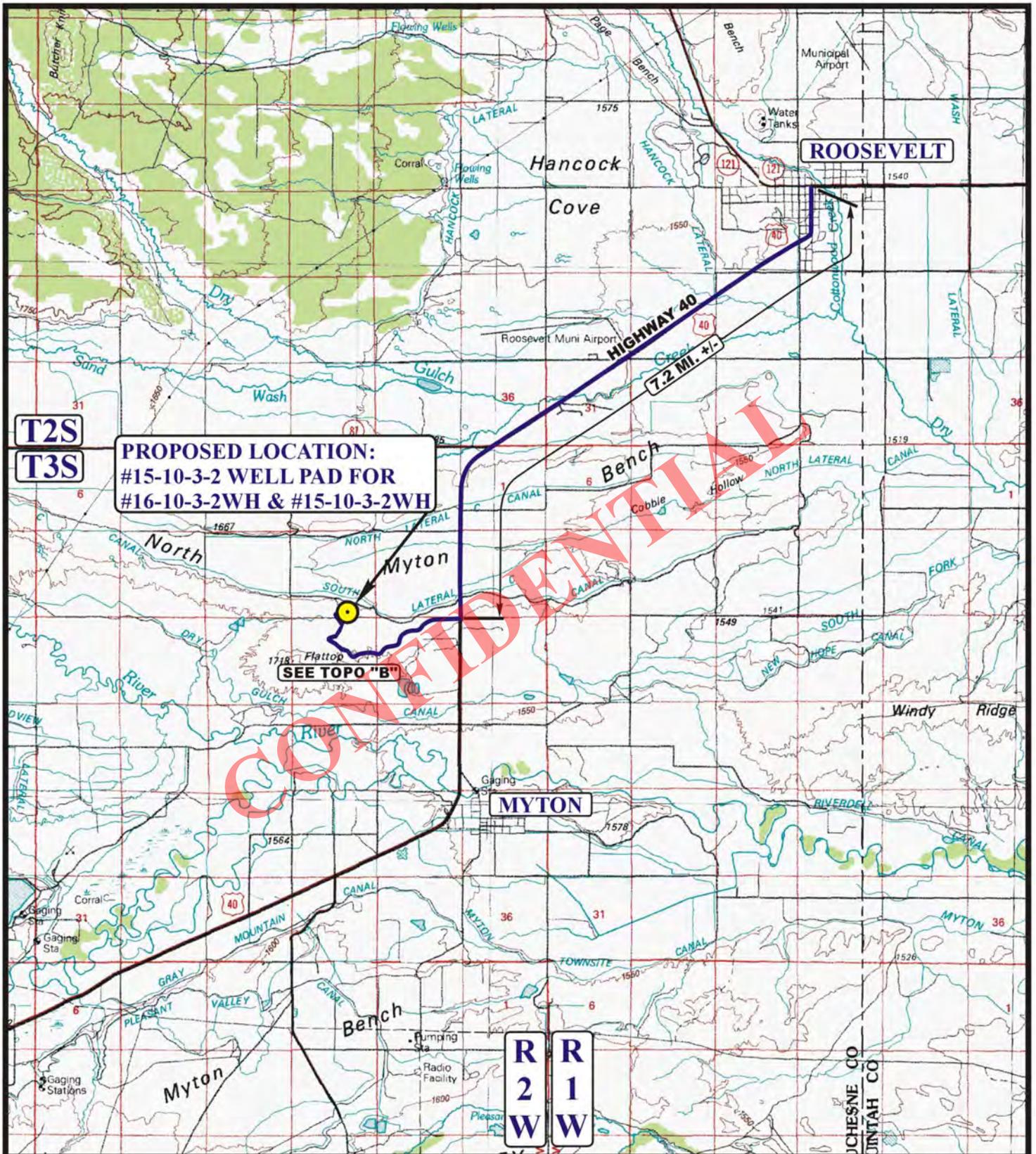
UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-22-13	DATE DRAWN: 05-28-13
PARTY C.A. R.L.L. S.F.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE NEWFIELD EXPLORATION COMPANY	

RECEIVED: July 12, 2013



**PROPOSED LOCATION:
#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH**

SEE TOPO "B"

**T2S
T3S**

**R
2
W
R
1
W**

LEGEND:

PROPOSED LOCATION

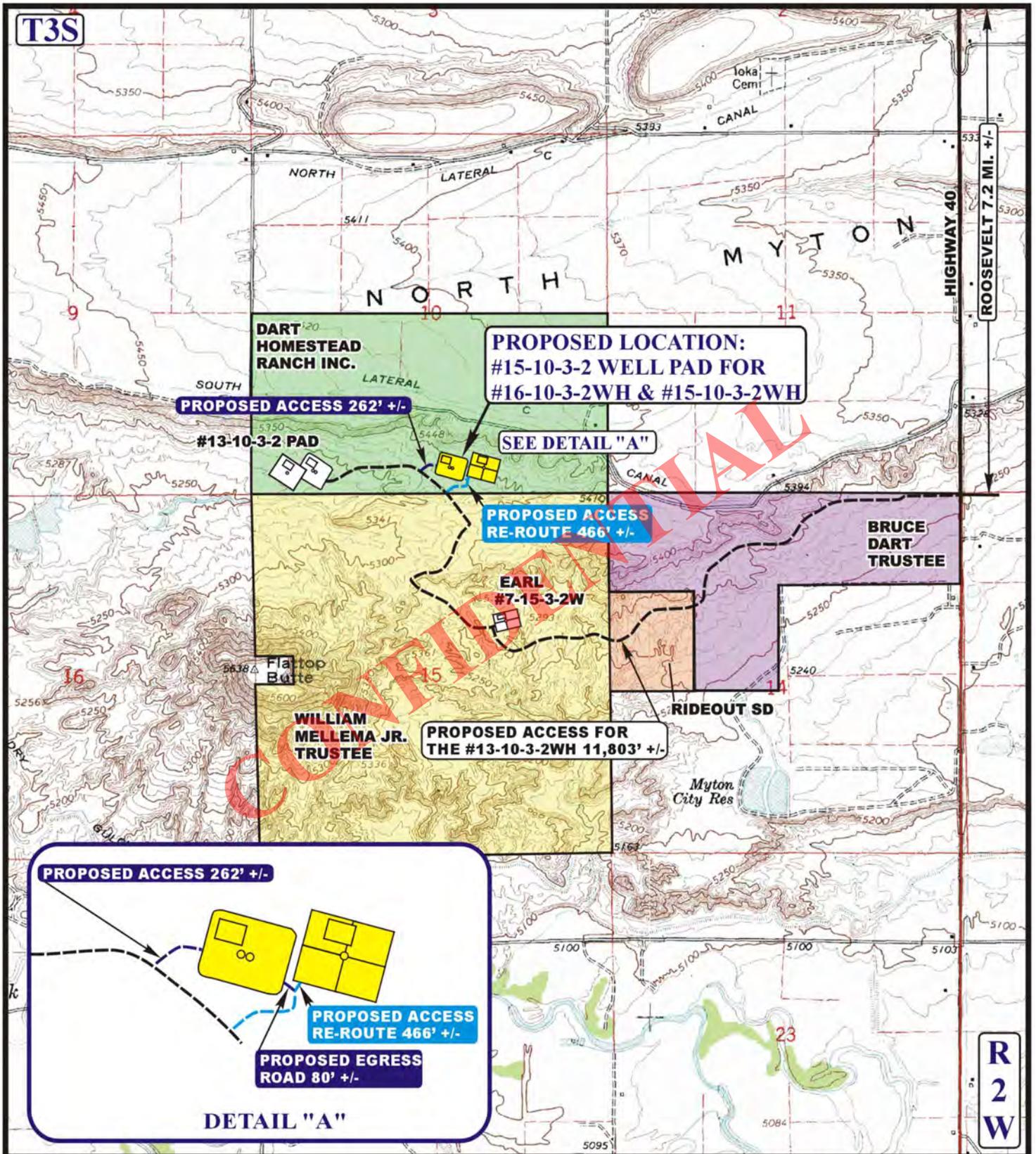
NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP 11 15 12
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: C.I. REV: 07-10-13 S.O. **A TOPO**





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
 #16-10-3-2WH & #15-10-3-2WH
 SECTION 10, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

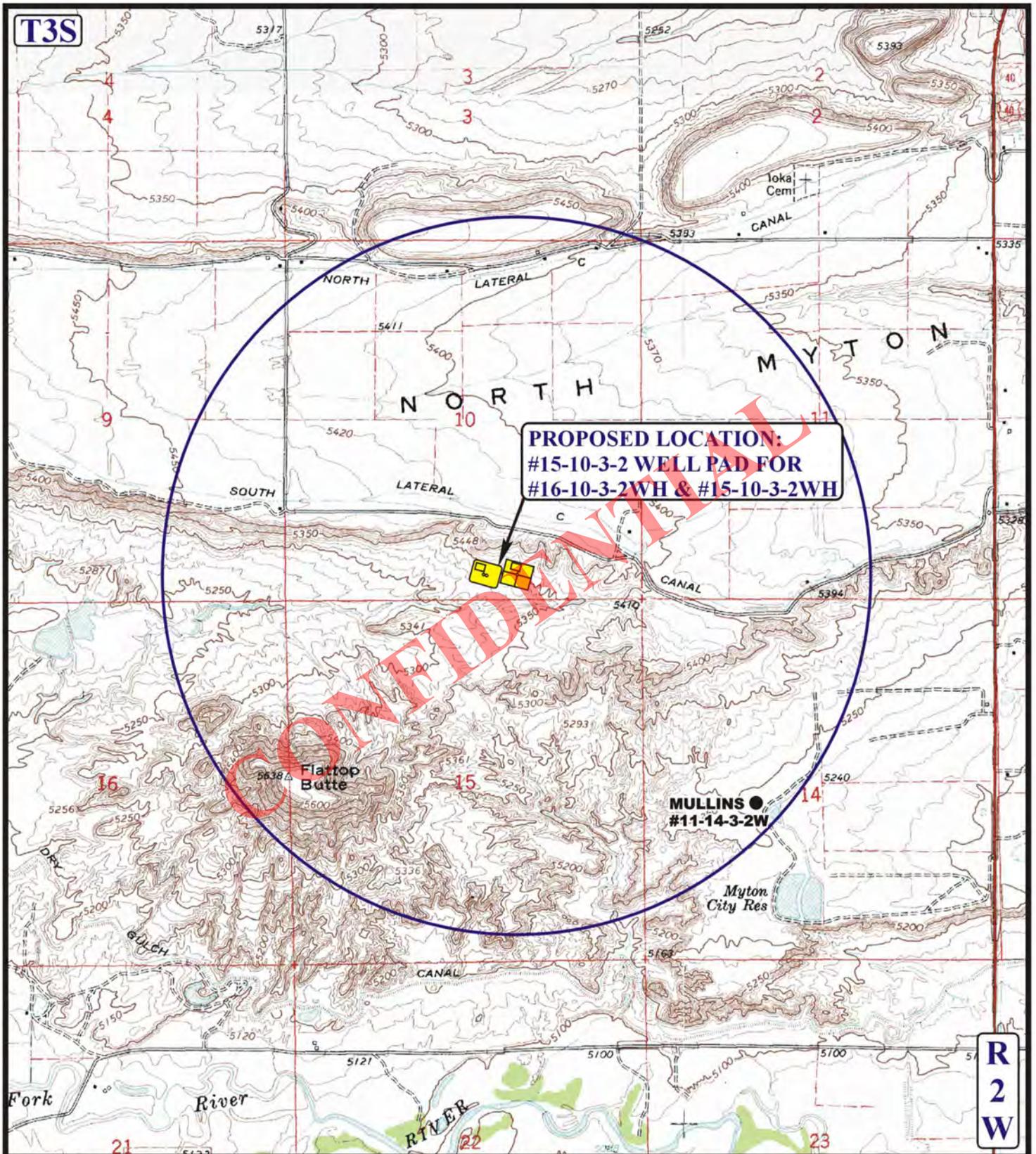
UELS
 Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



ACCESS ROAD MAP
 SCALE: 1" = 2000' DRAWN BY: C.I. REV: 07-10-13 S.O.

11	15	12
MONTH	DAY	YEAR

B
 TOPO



**PROPOSED LOCATION:
#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH**

LEGEND:

- ⊘ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

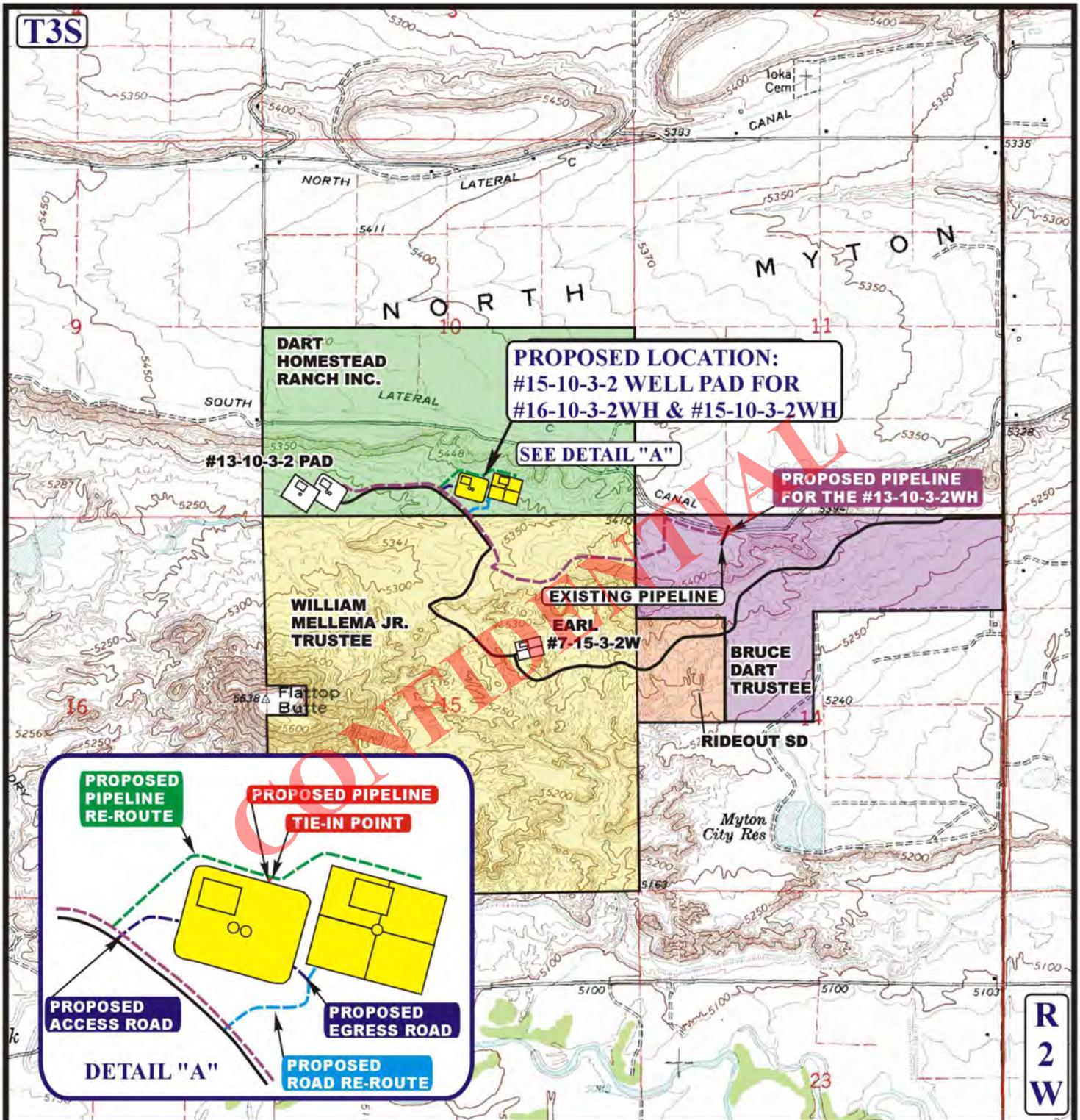
NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 11 15 12
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.L. REV: 07-10-13 S.O. **C TOPO**





APPROXIMATE TOTAL PIPELINE DISTANCE = 25' +/-

APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 1,353' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE
- - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)
- - - - PROPOSED PIPELINE RE-ROUTE

NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 11 15 12
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.L. REV: 07-10-13 S.O.

D
TOPO

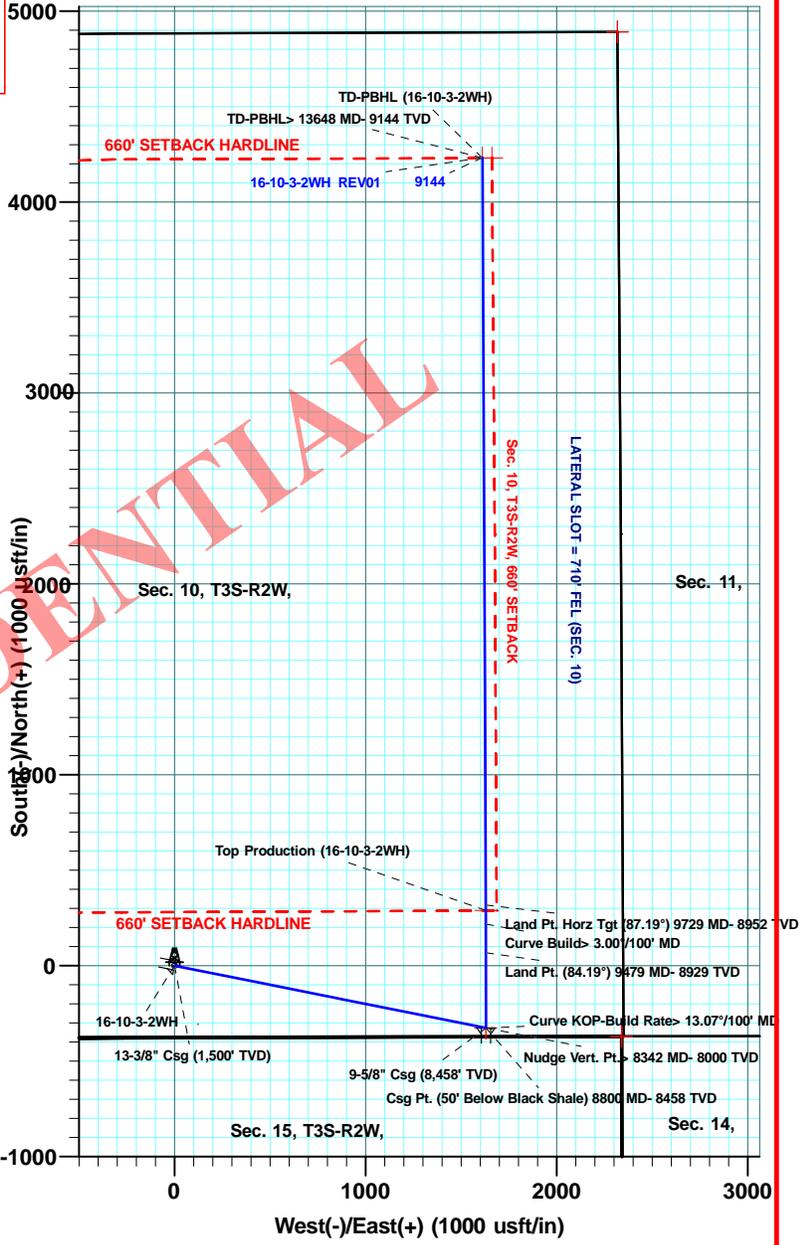
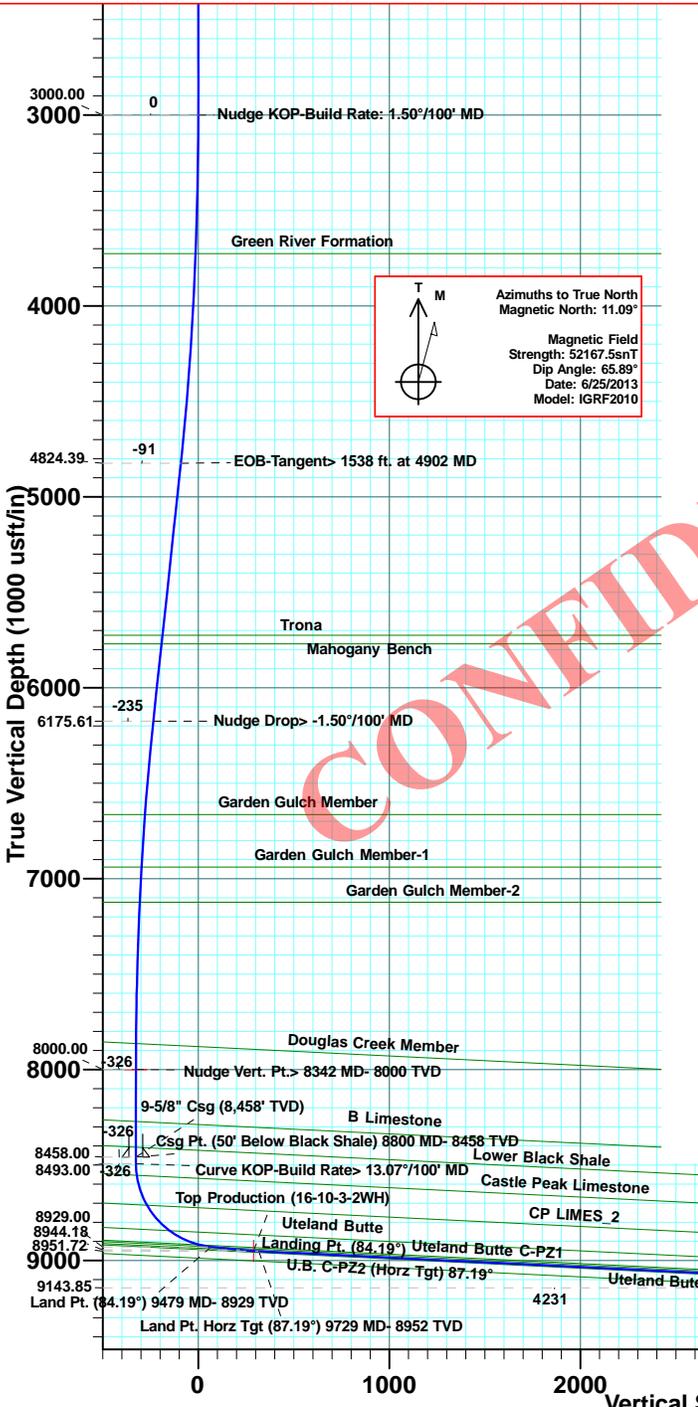


LEAM Drilling Systems, Inc.
 FOR
 NEWFIELD EXPLORATION ROCKY MOUNTAINS
 WELL: 16-10-3-2WH (PLAN: REV01)
 SEC. 10, T3S-R2W, DUCHESNE COUNTY, UTAH
 RIG NAME: PIONEER 68 (KB= 18')
 JUNE 25, 2013 -- WELL PLAN PLOT



WELL DETAILS: 16-10-3-2WH
 Ground Level: 5344.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7255795.61	2032772.0840° 13' 50.070 N	110° 5' 40.710 W		



SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	
4902.02	28.53	101.31	4824.39	-90.97	454.84	1.50	101.31	-90.97	
6440.01	28.53	101.31	6175.61	-235.03	1175.16	0.00	0.00	-235.03	
8342.03	0.00	0.00	8000.00	-326.00	1630.00	1.50	180.00	-326.00	
8800.03	0.00	0.00	8458.00	-326.00	1630.00	0.00	0.00	-326.00	
8835.03	0.00	0.00	8493.00	-326.00	1630.00	0.00	0.00	-326.00	
9479.00	84.19	0.00	8929.00	67.89	1630.00	13.07	0.00	67.89	
9629.00	84.19	0.00	8944.18	217.12	1630.00	0.00	0.00	217.12	
9729.34	87.19	359.75	8951.72	317.17	1629.78	3.00	-4.76	317.17	
13648.40	87.19	359.75	9143.85	4231.48	1612.70	0.00	0.00	4231.48	

SITE DETAILS: CENTRAL BASIN (NAD 83)
 Site Centre Latitude: 40° 13' 43.080 N
 Longitude: 110° 15' 32.490 W

Positional Uncertainty: 0.00
 Convergence: 0.79
 Local North: True

PROJECT DETAILS: DUCHESNE COUNTY, UT (NAD 83)
 Geodetic System: US State Plane 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

Project	DUCHESNE COUNTY, UT (NAD 83),		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	CENTRAL BASIN (NAD 83)		
Site Position:		Northing:	7,254,409.48 usft
From:	Lat/Long	Easting:	1,986,891.62 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 13' 43.080 N
		Longitude:	110° 15' 32.490 W
		Grid Convergence:	0.79 °

Well	16-10-3-2WH		
Well Position	+N-S	749.46 usft	Northing: 7,255,795.61 usft
	+E-W	45,895.28 usft	Easting: 2,032,772.07 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	5,362.00 usft
		Latitude:	40° 13' 50.070 N
		Longitude:	110° 5' 40.710 W
		Ground Level:	5,344.00 usft

Wellbore	16-10-3-2WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/25/2013	11.09	65.89	52,167

Design	16-10-3-2WH REV01				
Audit Notes:					
Version:	REV01	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)	
	0.00	0.00	0.00	0.00	

Plan Sections										
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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,902.02	28.53	101.31	4,824.39	-90.97	454.84	1.50	1.50	0.00	101.31	
6,440.01	28.53	101.31	6,175.61	-235.03	1,175.16	0.00	0.00	0.00	0.00	
8,342.03	0.00	0.00	8,000.00	-326.00	1,630.00	1.50	-1.50	0.00	180.00	Nudge Pt. (16-10-3-
8,800.03	0.00	0.00	8,458.00	-326.00	1,630.00	0.00	0.00	0.00	0.00	
8,835.03	0.00	0.00	8,493.00	-326.00	1,630.00	0.00	0.00	0.00	0.00	
9,479.00	84.19	0.00	8,929.00	67.89	1,630.00	13.07	13.07	0.00	0.00	
9,629.00	84.19	0.00	8,944.18	217.12	1,630.00	0.00	0.00	0.00	0.00	
9,729.34	87.19	359.75	8,951.73	317.17	1,629.78	3.00	2.99	-0.25	-4.76	
13,648.40	87.19	359.75	9,143.85	4,231.48	1,612.70	0.00	0.00	0.00	0.00	TD-PBHL (16-10-3-



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tangent > 1500 ft at 1500 MD - 13-3/8" Csg (1,500' TVD)										
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
Nudge KOP-Build Rate: 1.50°/100' MD										
3,100.00	1.50	101.31	3,099.99	-0.26	1.28	-0.26	1.50	1.50	0.00	
3,200.00	3.00	101.31	3,199.91	-1.03	5.13	-1.03	1.50	1.50	0.00	
3,300.00	4.50	101.31	3,299.69	-2.31	11.55	-2.31	1.50	1.50	0.00	
3,400.00	6.00	101.31	3,399.27	-4.10	20.52	-4.10	1.50	1.50	0.00	
3,500.00	7.50	101.31	3,498.57	-6.41	32.04	-6.41	1.50	1.50	0.00	
3,600.00	9.00	101.31	3,597.54	-9.22	46.11	-9.22	1.50	1.50	0.00	
3,700.00	10.50	101.31	3,696.09	-12.54	62.72	-12.54	1.50	1.50	0.00	
3,730.44	10.96	101.31	3,726.00	-13.66	68.28	-13.66	1.50	1.50	0.00	
Green River Formation										
3,800.00	12.00	101.31	3,794.16	-16.37	81.85	-16.37	1.50	1.50	0.00	
3,900.00	13.50	101.31	3,891.70	-20.70	103.49	-20.70	1.50	1.50	0.00	
4,000.00	15.00	101.31	3,988.62	-25.53	127.63	-25.53	1.50	1.50	0.00	
4,100.00	16.50	101.31	4,084.86	-30.85	154.24	-30.85	1.50	1.50	0.00	
4,200.00	18.00	101.31	4,180.36	-36.66	183.32	-36.66	1.50	1.50	0.00	
4,300.00	19.50	101.31	4,275.05	-42.97	214.84	-42.97	1.50	1.50	0.00	
4,400.00	21.00	101.31	4,368.86	-49.76	248.78	-49.76	1.50	1.50	0.00	
4,500.00	22.50	101.31	4,461.74	-57.02	285.11	-57.02	1.50	1.50	0.00	
4,600.00	24.00	101.31	4,553.62	-64.76	323.82	-64.76	1.50	1.50	0.00	
4,700.00	25.50	101.31	4,644.43	-72.97	364.87	-72.97	1.50	1.50	0.00	



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

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)	
4,800.00	27.00	101.31	4,734.12	-81.65	408.24	-81.65	1.50	1.50	0.00	
4,902.02	28.53	101.31	4,824.39	-90.97	454.84	-90.97	1.50	1.50	0.00	
EOB-Tangent> 1538 ft. at 4902 MD										
5,000.00	28.53	101.31	4,910.47	-100.15	500.73	-100.15	0.00	0.00	0.00	
5,100.00	28.53	101.31	4,998.33	-109.51	547.56	-109.51	0.00	0.00	0.00	
5,200.00	28.53	101.31	5,086.18	-118.88	594.40	-118.88	0.00	0.00	0.00	
5,300.00	28.53	101.31	5,174.04	-128.25	641.23	-128.25	0.00	0.00	0.00	
5,400.00	28.53	101.31	5,261.89	-137.61	688.07	-137.61	0.00	0.00	0.00	
5,500.00	28.53	101.31	5,349.75	-146.98	734.90	-146.98	0.00	0.00	0.00	
5,600.00	28.53	101.31	5,437.61	-156.35	781.74	-156.35	0.00	0.00	0.00	
5,700.00	28.53	101.31	5,525.46	-165.71	828.57	-165.71	0.00	0.00	0.00	
5,800.00	28.53	101.31	5,613.32	-175.08	875.41	-175.08	0.00	0.00	0.00	
5,900.00	28.53	101.31	5,701.18	-184.45	922.24	-184.45	0.00	0.00	0.00	
5,927.12	28.53	101.31	5,725.00	-186.99	934.94	-186.99	0.00	0.00	0.00	
Trona										
5,978.34	28.53	101.31	5,770.00	-191.79	958.93	-191.79	0.00	0.00	0.00	
Mahogany Bench										
6,000.00	28.53	101.31	5,789.03	-193.82	969.08	-193.82	0.00	0.00	0.00	
6,100.00	28.53	101.31	5,876.89	-203.18	1,015.91	-203.18	0.00	0.00	0.00	
6,200.00	28.53	101.31	5,964.75	-212.55	1,062.75	-212.55	0.00	0.00	0.00	
6,300.00	28.53	101.31	6,052.60	-221.92	1,109.58	-221.92	0.00	0.00	0.00	
6,400.00	28.53	101.31	6,140.46	-231.28	1,156.42	-231.28	0.00	0.00	0.00	
6,440.01	28.53	101.31	6,175.61	-235.03	1,175.16	-235.03	0.00	0.00	0.00	
Nudge Drop> -1.50°/100' MD										
6,500.00	27.63	101.31	6,228.54	-240.57	1,202.85	-240.57	1.50	-1.50	0.00	
6,600.00	26.13	101.31	6,317.73	-249.44	1,247.18	-249.44	1.50	-1.50	0.00	
6,700.00	24.63	101.31	6,408.08	-257.84	1,289.21	-257.84	1.50	-1.50	0.00	
6,800.00	23.13	101.31	6,499.51	-265.78	1,328.91	-265.78	1.50	-1.50	0.00	
6,900.00	21.63	101.31	6,591.98	-273.25	1,366.24	-273.25	1.50	-1.50	0.00	
6,977.17	20.47	101.31	6,664.00	-278.68	1,393.42	-278.68	1.50	-1.50	0.00	
Garden Gulch Member										
7,000.00	20.13	101.31	6,685.41	-280.24	1,401.19	-280.24	1.50	-1.50	0.00	
7,100.00	18.63	101.31	6,779.74	-286.75	1,433.73	-286.75	1.50	-1.50	0.00	
7,200.00	17.13	101.31	6,874.91	-292.77	1,463.83	-292.77	1.50	-1.50	0.00	
7,266.89	16.13	101.31	6,939.00	-296.52	1,482.60	-296.52	1.50	-1.50	0.00	
Garden Gulch Member-1										
7,300.00	15.63	101.31	6,970.84	-298.30	1,491.49	-298.30	1.50	-1.50	0.00	
7,400.00	14.13	101.31	7,067.49	-303.33	1,516.67	-303.33	1.50	-1.50	0.00	
7,457.14	13.27	101.31	7,123.00	-305.99	1,529.94	-305.99	1.50	-1.50	0.00	
Garden Gulch Member-2										
7,500.00	12.63	101.31	7,164.77	-307.87	1,539.36	-307.87	1.50	-1.50	0.00	
7,600.00	11.13	101.31	7,262.63	-311.91	1,559.55	-311.91	1.50	-1.50	0.00	
7,700.00	9.63	101.31	7,360.99	-315.44	1,577.21	-315.44	1.50	-1.50	0.00	
7,800.00	8.13	101.31	7,459.78	-318.47	1,592.35	-318.47	1.50	-1.50	0.00	
7,900.00	6.63	101.31	7,558.95	-320.99	1,604.95	-320.99	1.50	-1.50	0.00	
8,000.00	5.13	101.31	7,658.42	-323.00	1,614.99	-323.00	1.50	-1.50	0.00	
8,100.00	3.63	101.31	7,758.13	-324.50	1,622.48	-324.50	1.50	-1.50	0.00	
8,200.00	2.13	101.31	7,858.00	-325.48	1,627.41	-325.48	1.50	-1.50	0.00	
8,206.03	2.04	101.31	7,864.02	-325.53	1,627.63	-325.53	1.50	-1.50	0.00	
Douglas Creek Member										
8,300.00	0.63	101.31	7,957.97	-325.95	1,629.77	-325.95	1.50	-1.50	0.00	



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Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

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)
8,342.03	0.00	0.00	8,000.00	-326.00	1,630.00	-326.00	1.50	-1.50	0.00
Nudge Vert. Pt.> 8342 MD- 8000 TVD									
8,400.00	0.00	0.00	8,057.97	-326.00	1,630.00	-326.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,157.97	-326.00	1,630.00	-326.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,257.97	-326.00	1,630.00	-326.00	0.00	0.00	0.00
8,614.03	0.00	0.00	8,272.00	-326.00	1,630.00	-326.00	0.00	0.00	0.00
B Limestone									
8,700.00	0.00	0.00	8,357.97	-326.00	1,630.00	-326.00	0.00	0.00	0.00
8,749.03	0.00	0.00	8,407.00	-326.00	1,630.00	-326.00	0.00	0.00	0.00
Lower Black Shale									
8,800.03	0.00	0.00	8,458.00	-326.00	1,630.00	-326.00	0.00	0.00	0.00
Csg Pt. (50' Below Black Shale) 8800 MD- 8458 TVD - 9-5/8" Csg (8,458' TVD)									
8,835.03	0.00	0.00	8,493.00	-326.00	1,630.00	-326.00	0.00	0.00	0.00
Curve KOP-Build Rate> 13.07°/100' MD									
8,850.00	1.96	0.00	8,507.96	-325.74	1,630.00	-325.74	13.07	13.07	0.00
8,875.00	5.23	0.00	8,532.91	-324.18	1,630.00	-324.18	13.07	13.07	0.00
8,896.44	8.03	0.00	8,554.21	-321.70	1,630.00	-321.70	13.07	13.07	0.00
Castle Peak Limestone									
8,900.00	8.49	0.00	8,557.73	-321.19	1,630.00	-321.19	13.07	13.07	0.00
8,925.00	11.76	0.00	8,582.34	-316.80	1,630.00	-316.80	13.07	13.07	0.00
8,950.00	15.03	0.00	8,606.65	-311.01	1,630.00	-311.01	13.07	13.07	0.00
8,975.00	18.30	0.00	8,630.60	-303.84	1,630.00	-303.84	13.07	13.07	0.00
9,000.00	21.57	0.00	8,654.10	-295.32	1,630.00	-295.32	13.07	13.07	0.00
9,025.00	24.84	0.00	8,677.07	-285.47	1,630.00	-285.47	13.07	13.07	0.00
9,050.00	28.10	0.00	8,699.45	-274.33	1,630.00	-274.33	13.07	13.07	0.00
9,063.02	29.81	0.00	8,710.84	-268.02	1,630.00	-268.02	13.07	13.07	0.00
CP LIMES_2									
9,075.00	31.37	0.00	8,721.15	-261.93	1,630.00	-261.93	13.07	13.07	0.00
9,100.00	34.64	0.00	8,742.12	-248.31	1,630.00	-248.31	13.07	13.07	0.00
9,125.00	37.91	0.00	8,762.27	-233.52	1,630.00	-233.52	13.07	13.07	0.00
9,150.00	41.18	0.00	8,781.54	-217.61	1,630.00	-217.61	13.07	13.07	0.00
9,175.00	44.45	0.00	8,799.88	-200.62	1,630.00	-200.62	13.07	13.07	0.00
9,200.00	47.71	0.00	8,817.22	-182.61	1,630.00	-182.61	13.07	13.07	0.00
9,225.00	50.98	0.00	8,833.50	-163.65	1,630.00	-163.65	13.07	13.07	0.00
9,243.21	53.36	0.00	8,844.67	-149.26	1,630.00	-149.26	13.07	13.07	0.00
Uteland Butte									
9,250.00	54.25	0.00	8,848.68	-143.79	1,630.00	-143.79	13.07	13.07	0.00
9,275.00	57.52	0.00	8,862.70	-123.09	1,630.00	-123.09	13.07	13.07	0.00
9,300.00	60.79	0.00	8,875.52	-101.63	1,630.00	-101.63	13.07	13.07	0.00
9,325.00	64.06	0.00	8,887.09	-79.47	1,630.00	-79.47	13.07	13.07	0.00
9,350.00	67.33	0.00	8,897.38	-56.69	1,630.00	-56.69	13.07	13.07	0.00
9,375.00	70.59	0.00	8,906.35	-33.36	1,630.00	-33.36	13.07	13.07	0.00
9,400.00	73.86	0.00	8,913.98	-9.56	1,630.00	-9.56	13.07	13.07	0.00
9,416.73	76.05	0.00	8,918.32	6.59	1,630.00	6.59	13.07	13.07	0.00
Uteland Butte C-PZ1									
9,425.00	77.13	0.00	8,920.24	14.64	1,630.00	14.64	13.07	13.07	0.00
9,450.00	80.40	0.00	8,925.11	39.16	1,630.00	39.16	13.07	13.07	0.00
9,475.00	83.67	0.00	8,928.58	63.91	1,630.00	63.91	13.07	13.07	0.00
9,479.00	84.19	0.00	8,929.00	67.89	1,630.00	67.89	13.07	13.07	0.00
Land Pt. (84.19°) 9479 MD- 8929 TVD									
9,485.33	84.19	0.00	8,929.64	74.19	1,630.00	74.19	0.00	0.00	0.00



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

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)
Landing Pt. (84.19°)									
9,500.00	84.19	0.00	8,931.13	88.78	1,630.00	88.78	0.00	0.00	0.00
9,600.00	84.19	0.00	8,941.25	188.27	1,630.00	188.27	0.00	0.00	0.00
9,629.00	84.19	0.00	8,944.18	217.12	1,630.00	217.12	0.00	0.00	0.00
Curve Build> 3.00°/100' MD									
9,700.00	86.31	359.82	8,950.06	287.87	1,629.89	287.87	3.00	2.99	-0.25
9,704.80	86.46	359.81	8,950.36	292.66	1,629.88	292.66	3.00	2.99	-0.25
U.B. C-PZ2 (Horz Tgt) 87.19°									
9,729.34	87.19	359.75	8,951.72	317.16	1,629.78	317.16	3.00	2.99	-0.25
Land Pt. Horz Tgt (87.19°) 9729 MD- 8952 TVD									
9,800.00	87.19	359.75	8,955.19	387.74	1,629.47	387.74	0.00	0.00	0.00
9,900.00	87.19	359.75	8,960.09	487.62	1,629.04	487.62	0.00	0.00	0.00
10,000.00	87.19	359.75	8,964.99	587.50	1,628.60	587.50	0.00	0.00	0.00
10,100.00	87.19	359.75	8,969.90	687.38	1,628.17	687.38	0.00	0.00	0.00
10,200.00	87.19	359.75	8,974.80	787.25	1,627.73	787.25	0.00	0.00	0.00
10,300.00	87.19	359.75	8,979.70	887.13	1,627.29	887.13	0.00	0.00	0.00
10,400.00	87.19	359.75	8,984.60	987.01	1,626.86	987.01	0.00	0.00	0.00
10,500.00	87.19	359.75	8,989.51	1,086.89	1,626.42	1,086.89	0.00	0.00	0.00
10,600.00	87.19	359.75	8,994.41	1,186.77	1,625.99	1,186.77	0.00	0.00	0.00
10,700.00	87.19	359.75	8,999.31	1,286.65	1,625.55	1,286.65	0.00	0.00	0.00
10,800.00	87.19	359.75	9,004.21	1,386.53	1,625.12	1,386.53	0.00	0.00	0.00
10,900.00	87.19	359.75	9,009.12	1,486.41	1,624.68	1,486.41	0.00	0.00	0.00
11,000.00	87.19	359.75	9,014.02	1,586.28	1,624.24	1,586.28	0.00	0.00	0.00
11,100.00	87.19	359.75	9,018.92	1,686.16	1,623.81	1,686.16	0.00	0.00	0.00
11,200.00	87.19	359.75	9,023.82	1,786.04	1,623.37	1,786.04	0.00	0.00	0.00
11,300.00	87.19	359.75	9,028.73	1,885.92	1,622.94	1,885.92	0.00	0.00	0.00
11,400.00	87.19	359.75	9,033.63	1,985.80	1,622.50	1,985.80	0.00	0.00	0.00
11,500.00	87.19	359.75	9,038.53	2,085.68	1,622.06	2,085.68	0.00	0.00	0.00
11,600.00	87.19	359.75	9,043.43	2,185.56	1,621.63	2,185.56	0.00	0.00	0.00
11,700.00	87.19	359.75	9,048.33	2,285.44	1,621.19	2,285.44	0.00	0.00	0.00
11,800.00	87.19	359.75	9,053.24	2,385.32	1,620.76	2,385.32	0.00	0.00	0.00
11,900.00	87.19	359.75	9,058.14	2,485.19	1,620.32	2,485.19	0.00	0.00	0.00
12,000.00	87.19	359.75	9,063.04	2,585.07	1,619.89	2,585.07	0.00	0.00	0.00
12,100.00	87.19	359.75	9,067.94	2,684.95	1,619.45	2,684.95	0.00	0.00	0.00
12,200.00	87.19	359.75	9,072.85	2,784.83	1,619.01	2,784.83	0.00	0.00	0.00
12,300.00	87.19	359.75	9,077.75	2,884.71	1,618.58	2,884.71	0.00	0.00	0.00
12,400.00	87.19	359.75	9,082.65	2,984.59	1,618.14	2,984.59	0.00	0.00	0.00
12,500.00	87.19	359.75	9,087.55	3,084.47	1,617.71	3,084.47	0.00	0.00	0.00
12,600.00	87.19	359.75	9,092.46	3,184.35	1,617.27	3,184.35	0.00	0.00	0.00
12,700.00	87.19	359.75	9,097.36	3,284.22	1,616.84	3,284.22	0.00	0.00	0.00
12,800.00	87.19	359.75	9,102.26	3,384.10	1,616.40	3,384.10	0.00	0.00	0.00
12,900.00	87.19	359.75	9,107.16	3,483.98	1,615.96	3,483.98	0.00	0.00	0.00
13,000.00	87.19	359.75	9,112.07	3,583.86	1,615.53	3,583.86	0.00	0.00	0.00
13,100.00	87.19	359.75	9,116.97	3,683.74	1,615.09	3,683.74	0.00	0.00	0.00
13,200.00	87.19	359.75	9,121.87	3,783.62	1,614.66	3,783.62	0.00	0.00	0.00
13,300.00	87.19	359.75	9,126.77	3,883.50	1,614.22	3,883.50	0.00	0.00	0.00
13,400.00	87.19	359.75	9,131.68	3,983.38	1,613.78	3,983.38	0.00	0.00	0.00
13,500.00	87.19	359.75	9,136.58	4,083.26	1,613.35	4,083.26	0.00	0.00	0.00
13,600.00	87.19	359.75	9,141.48	4,183.13	1,612.91	4,183.13	0.00	0.00	0.00
13,648.40	87.19	359.75	9,143.85	4,231.48	1,612.70	4,231.48	0.00	0.00	0.00
TD-PBHL> 13648 MD- 9144 TVD									



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

Design Targets

Target Name	- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)		
Sec. 10, T3S-R2W,		0.00	0.00	-18.00	4,891.50	2,318.43	7,260,722.93	2,035,013.37	40° 14' 38.410 N	110° 5' 10.810 W
- plan misses target center by 5413.15usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)										
- Polygon										
Point 1				-18.00	0.00	0.00	7,260,722.93	2,035,013.37		
Point 2				-18.00	-2,629.83	18.26	7,258,093.71	2,035,072.94		
Point 3				-18.00	-5,261.67	31.87	7,255,462.41	2,035,127.90		
Point 4				-18.00	-5,272.68	-2,593.37	7,255,410.16	2,032,503.16		
Point 5				-18.00	-5,284.51	-5,269.81	7,255,356.28	2,029,827.23		
Point 6				-18.00	-28.86	-5,274.97	7,260,611.20	2,029,739.50		
Point 7				-18.00	-9.00	-2,635.56	7,260,672.52	2,032,378.27		
Point 8				-18.00	0.00	0.00	7,260,722.93	2,035,013.37		
Sec. 10, T3S-R2W, 6t		0.00	0.00	-18.00	4,230.69	1,661.72	7,260,051.89	2,034,367.12	40° 14' 31.880 N	110° 5' 19.280 W
- plan misses target center by 4545.37usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)										
- Polygon										
Point 1				-18.00	0.00	0.00	7,260,051.89	2,034,367.12		
Point 2				-18.00	-1,972.11	14.61	7,258,080.26	2,034,412.71		
Point 3				-18.00	-3,942.21	24.57	7,256,110.55	2,034,453.62		
Point 4				-18.00	-3,950.94	-1,940.63	7,256,070.95	2,032,488.80		
Point 5				-18.00	-3,959.59	-3,955.47	7,256,030.64	2,030,474.34		
Point 6				-18.00	-61.87	-3,959.17	7,259,927.83	2,030,409.41		
Point 7				-18.00	-6.72	-1,976.52	7,260,014.12	2,032,390.94		
Point 8				-18.00	0.00	0.00	7,260,051.89	2,034,367.12		
Nudge Pt. (16-10-3-2)		0.00	0.00	8,000.00	-326.00	1,630.00	7,255,495.26	2,034,406.99	40° 13' 46.848 N	110° 5' 19.693 W
- plan hits target center										
- Point										
Top Production (16-10-3-2V)		0.00	0.00	8,950.00	289.23	1,629.05	7,256,110.40	2,034,396.38	40° 13' 52.928 N	110° 5' 19.705 W
- plan misses target center by 0.85usft at 9701.35usft MD (8950.15 TVD, 289.22 N, 1629.89 E)										
- Point										
TD-PBHL (16-10-3-2V)		0.00	0.00	9,144.00	4,231.48	1,611.72	7,260,051.89	2,034,317.12	40° 14' 31.888 N	110° 5' 19.925 W
- plan misses target center by 0.99usft at 13648.40usft MD (9143.85 TVD, 4231.48 N, 1612.70 E)										
- Point										

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,500.00	1,500.00	13-3/8" Csg (1,500' TVD)	13-3/8	13-3/8
8,800.03	8,458.00	9-5/8" Csg (8,458' TVD)	9-5/8	9-5/8



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,730.44	3,726.00	Green River Formation		0.00	0.00
5,927.12	5,725.00	Trona		0.00	0.00
5,978.34	5,770.00	Mahogany Bench		0.00	0.00
6,977.17	6,664.00	Garden Gulch Member		0.00	0.00
7,266.89	6,939.00	Garden Gulch Member-1		0.00	0.00
7,457.14	7,123.00	Garden Gulch Member-2		0.00	0.00
8,206.03	7,864.02	Douglas Creek Member		2.81	0.00
8,614.03	8,272.00	B Limestone		2.81	0.00
8,749.03	8,407.00	Lower Black Shale		2.81	0.00
8,896.44	8,554.21	Castle Peak Limestone		2.81	0.00
9,063.02	8,710.84	CP LIMES_2		2.81	0.00
9,243.21	8,844.67	Uteland Butte		2.81	0.00
9,416.73	8,918.32	Uteland Butte C-PZ1		2.81	0.00
9,485.33	8,929.64	Landing Pt. (84.19°)		2.81	0.00
9,704.80	8,950.36	U.B. C-PZ2 (Horz Tgt) 87.19°		2.81	0.00

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,500.00	1,500.00	0.00	0.00	Tangent>1500 ft at 1500 MD
3,000.00	3,000.00	0.00	0.00	Nudge KOP-Build Rate: 1.50°/100' MD
4,902.02	4,824.39	-90.97	454.84	EOB-Tangent> 1538 ft. at 4902 MD
6,440.01	6,175.61	-235.03	1,175.16	Nudge Drop> -1.50°/100' MD
8,342.03	8,000.00	-326.00	1,630.00	Nudge Vert. Pt.> 8342 MD- 8000 TVD
8,800.03	8,458.00	-326.00	1,630.00	Csg Pt. (50' Below Black Shale) 8800 MD- 8458 TVD
8,835.03	8,493.00	-326.00	1,630.00	Curve KOP-Build Rate> 13.07°/100' MD
9,479.00	8,929.00	67.89	1,630.00	Land Pt. (84.19°) 9479 MD- 8929 TVD
9,629.00	8,944.18	217.12	1,630.00	Curve Build> 3.00°/100' MD
9,729.34	8,951.72	317.16	1,629.78	Land Pt. Horz Tgt (87.19°) 9729 MD- 8952 TVD
13,648.40	9,143.85	4,231.48	1,612.70	TD-PBHL> 13648 MD- 9144 TVD

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 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Ranch 16-10-3-2WH well with a surface location to be positioned in the SWSE of Section 10, Township 3 South, Range 2 West (the "Drillsite Location"), with a wellbore point of entry in the SESE of Section 10 Township 3 South, Range 2 West and a bottom hole location to be positioned in the NENE of Section 10, Township 3 South, Range 2 West, Duchesne County, Utah. The surface owner of the Drillsite Location is Dart Homestead Ranch, whose address is Route 2, Box 2044, Roosevelt, UT 84066 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated February 16, 2013 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO	§
	§
COUNTY OF DENVER	§

Before me, a Notary Public, in and for the State, on this 2nd day of July, 2013, 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.



NOTARY PUBLIC

My Commission Expires:

AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

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 17th Street, Suite 2000, Denver, CO 80202 (“Newfield”).
2. Newfield is the Operator of the proposed Dart 15-10-3-2WH, Ranch 16-10-3-2WH, D-15-22-3-2WH and 3-15-22-3-2WH wells with surface locations to be positioned in the S/2S/2 of Section 10, Township 3 South, Range 2 West, Duchesne County, Utah (the “Drillsite Location”). The surface owner of a portion of the access road is Mack Rideout, Personal Representative of the Estate of Sherman D. Rideout, whose address is 3634 Capstone Ave., Salt Lake City, UT 84121 (“Surface Owner”).
3. Newfield and the Surface Owner have agreed upon an Easement and Right-of-Way dated December 10, 2012 covering the SWNW of Section 14, Township 3 South, Range 2 West, Duchesne County, Utah.

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 3rd day of July, 2013, 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.

NOTARY PUBLIC

My Commission Expires:



AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

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 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Dart 15-10-3-2WH, Ranch 16-10-3-2WH, D-15-22-3-2WH and 3-15-22-3-2WH wells with surface locations to be positioned in the S/2S/2 of Section 10, Township 3 South, Range 2 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of a portion of the access road and pipeline route is William Mellema, Jr. - Trustee, whose address is P.O. Box 1198, Parker, CO 80134-1198 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement and Right-of-Way dated September 20, 2012 covering the N/2 and SE/4SW/4 of Section 15, Township 3 South, Range 2 West, Duchesne County, Utah.

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 3rd day of July 2013, 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.

NOTARY PUBLIC

My Commission Expires:



AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

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 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Dart 15-10-3-2WH, Ranch 16-10-3-2WH, D-15-22-3-2WH and 3-15-22-3-2WH wells with surface locations to be positioned in the S/2S/2 of Section 10, Township 3 South, Range 2 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of a portion of the access road is Bruce Dart, Trustee, whose address is Route 2, Box 2044, Roosevelt, UT 84066 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement and Right-of-Way dated February 16, 2013 covering the E/2NW and N/2NE of Section 14, Township 3 South, Range 2 West, Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

CONFIDENTIAL

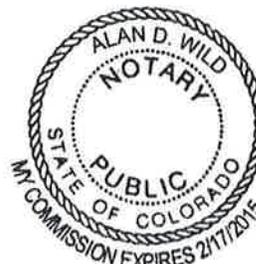
ACKNOWLEDGEMENT

STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 3rd day of July 2013, 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.

NOTARY PUBLIC

My Commission Expires:



July 9, 2013

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
PO Box 145801
Salt Lake City, UT 84114



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

RE: 16-10-3-2WH
Township 3 South, Range 2 West, Section 10
Duchesne County, Utah

Dear Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the 16-10-3-2WH from a surface location of 376' FSL and 2340' FEL of Section 10, T3S R2W, to a bottom hole location of 660' FNL and 660' FEL of Section 10, T3S R2W.

The 16-10-3-2WH is covered by Order No. 139-90, which requires no portion of the producing interval of the horizontal lateral be closer than 660' from the northern or southern section boundaries and no closer than 660' from the eastern or western section boundaries.

In compliance with the above referenced Order, the top of the uppermost producing zone of the 16-10-3-2WH is 660' FSL and 660' FEL of 3S 2W Section 10. Newfield shall case and cement the 16-10-3-2WH wellbore from the surface location to the point where the wellbore reaches the legal setback, and the wellbore will only be completed within the legal setback. In the event a future recompletion outside of this setback is proposed, Newfield shall attempt to acquire consent from all the owners in Section 15 of T3S R2W, and shall file the appropriate application with the State. The bottom hole location of the 16-10-3-2WH is 660' FNL and 660' FEL of 3S 2W Section 10, which is within the legal setback. In the event the horizontal lateral drifts east, Newfield will attempt to acquire consent from all owners in Section 11 of T3S R2W and shall file the appropriate application with the State.

Newfield has also obtained authorization from the surface owner of the drilling location, as is evidenced by the Affidavit of Easement, Right-of-Way and Surface Use Agreement attached to the APD. Newfield and its partners are the leasehold owners of the minerals underlying the surface location and all that portion of the wellbore of the 16-10-3-2WH lying outside the drilling unit.

Based on Newfield's compliance with the requirements of Order No. 139-90, Newfield respectfully requests the approval of our APD for the 16-10-3-2WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4466 or by email at rmiller@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Robert N. Miller II".

Robert N. Miller II
Landman

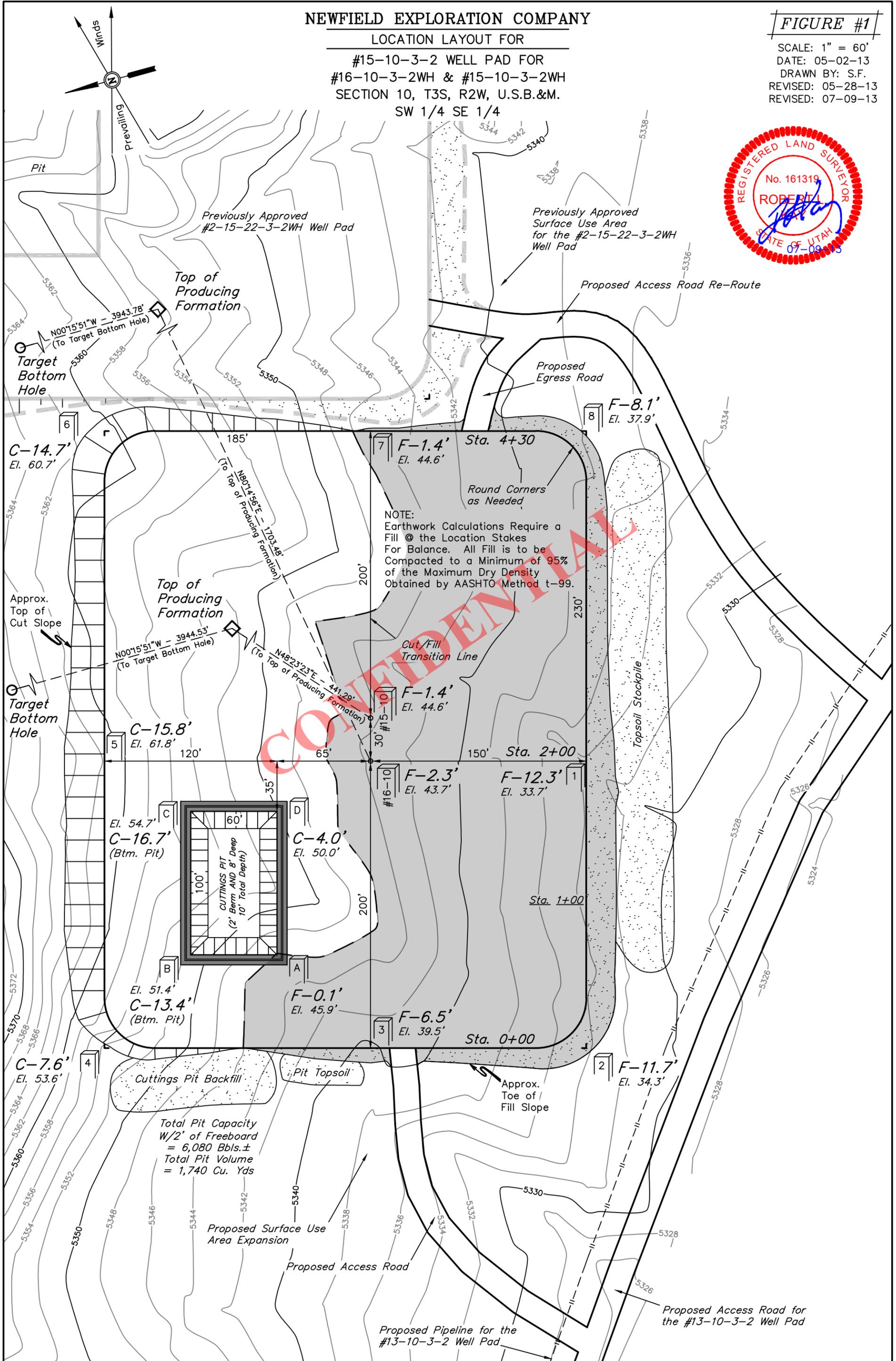
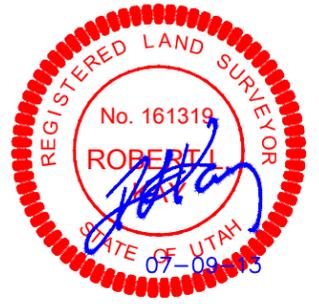
NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT FOR

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 60'
DATE: 05-02-13
DRAWN BY: S.F.
REVISED: 05-28-13
REVISED: 07-09-13



NOTE:
Earthwork Calculations Require a
Fill @ the Location Stakes
For Balance. All Fill is to be
Compacted to a Minimum of 95%
of the Maximum Dry Density
Obtained by AASHTO Method t-99.

Total Pit Capacity
W/2' of Freeboard
= 6,080 Bbls.±
Total Pit Volume
= 1,740 Cu. Yds

Elev. Ungraded Ground At #16-10-3-2WH Loc. Stake = 5343.7'
FINISHED GRADE ELEV. AT #16-10-3-2WH LOC. STAKE = 5346.0'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: July 12, 2013

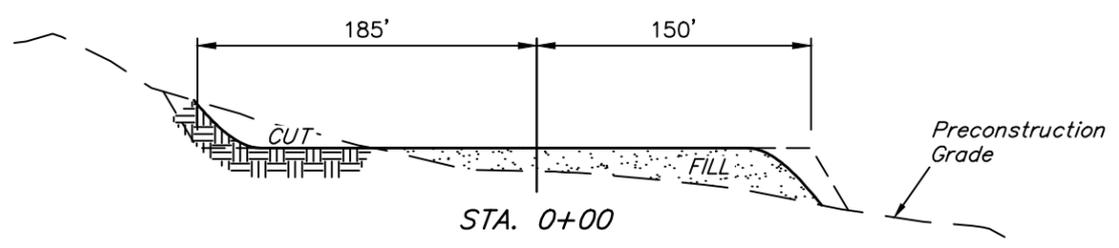
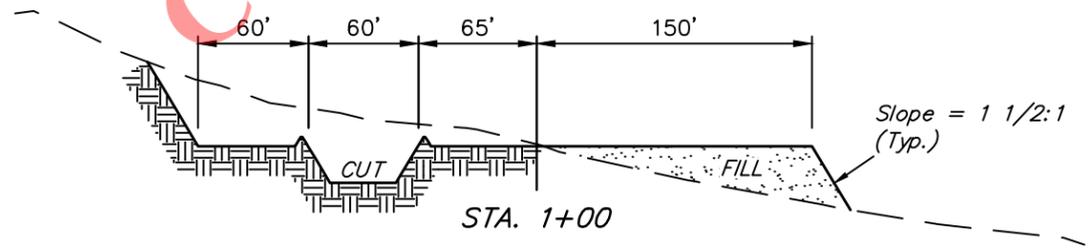
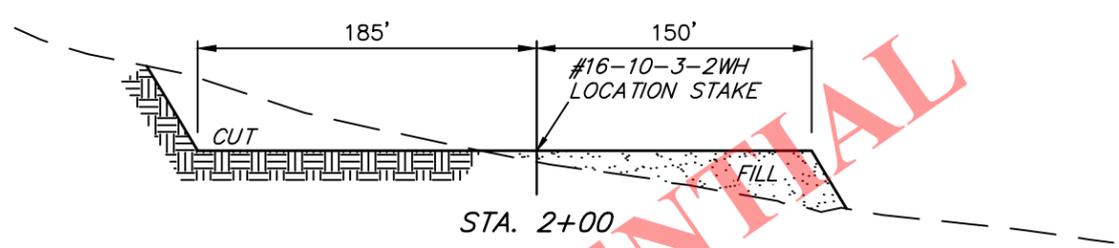
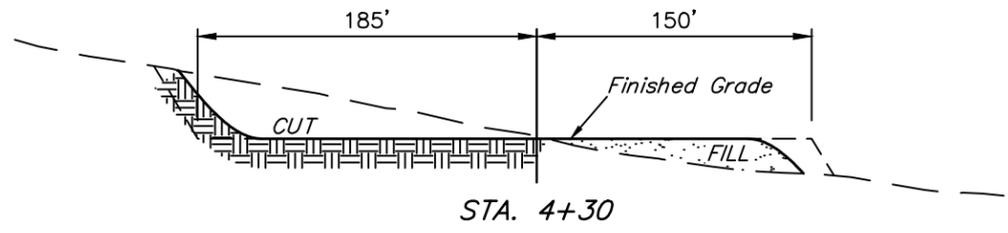
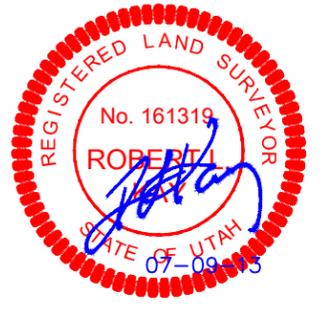
NEWFIELD EXPLORATION COMPANY

TYPICAL CROSS SECTIONS FOR

#15-10-3-2 WELL PAD FOR
 #16-10-3-2WH & #15-10-3-2WH
 SECTION 10, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

FIGURE #2

X-Section Scale
 1" = 40'
 1" = 100'
 DATE: 05-02-13
 DRAWN BY: S.F.
 REVISED: 05-28-13
 REVISED: 07-09-13



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* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	3,100 Cu. Yds.
Remaining Location	=	19,880 Cu. Yds.
TOTAL CUT	=	22,980 CU. YDS.
FILL	=	19,010 CU. YDS.

EXCESS MATERIAL	=	3,970 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,970 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

APPROXIMATE ACREAGE

ORIGINAL PROPOSED WELL	
SITE DISTURBANCE	= ± 5.702 ACRES
NEW (ADDITIONAL TO ORIGINAL) PROPOSED	
EXPANSION WELL SITE DISTURBANCE	= ± 5.058 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.427 ACRES
PIPELINE DISTURBANCE	= ± 0.204 ACRES
TOTAL	= ± 11.391 ACRES

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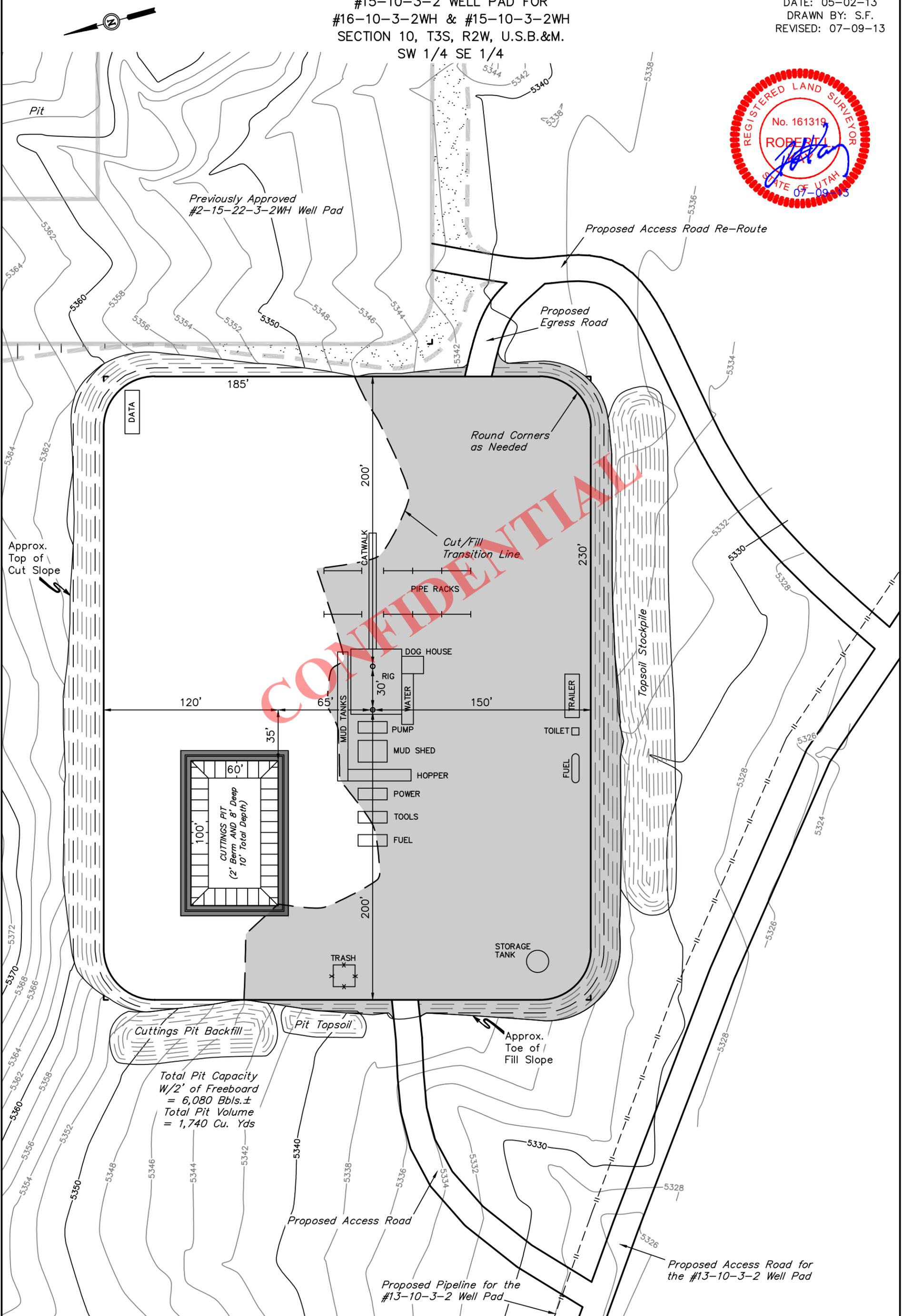
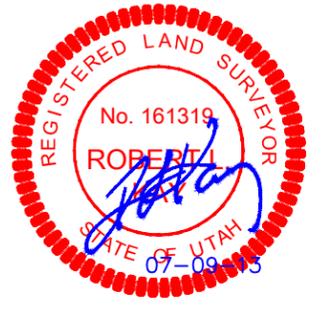
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT FOR

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #3

SCALE: 1" = 60'
DATE: 05-02-13
DRAWN BY: S.F.
REVISED: 07-09-13



Total Pit Capacity
W/2' of Freeboard
= 6,080 Bbls.±
Total Pit Volume
= 1,740 Cu. Yds

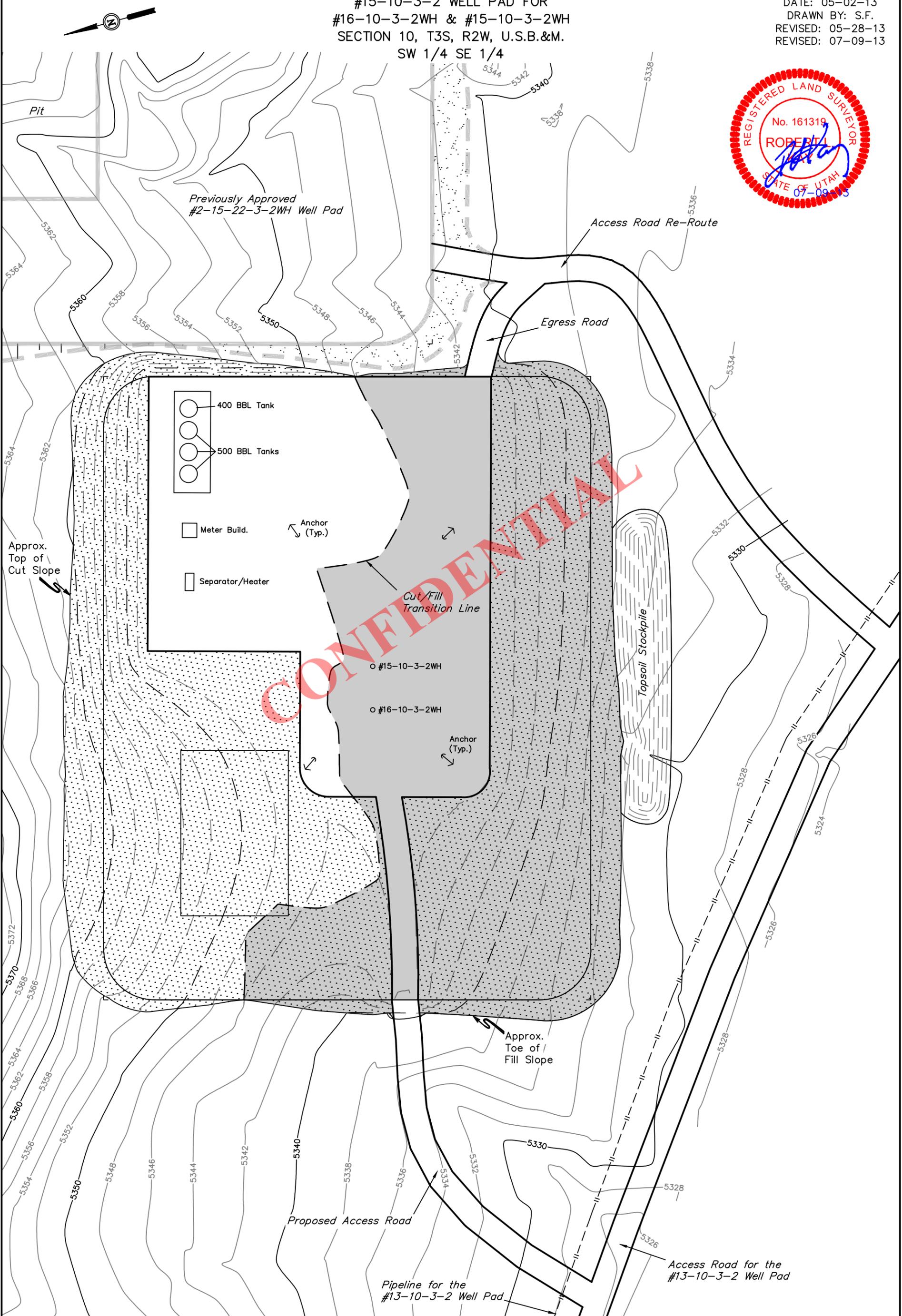
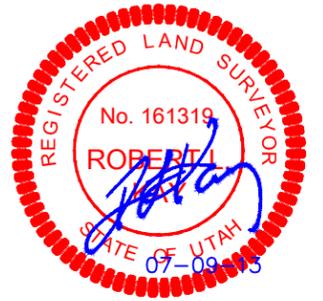
NEWFIELD EXPLORATION COMPANY

PRODUCTION FACILITY LAYOUT FOR

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #4

SCALE: 1" = 60'
DATE: 05-02-13
DRAWN BY: S.F.
REVISED: 05-28-13
REVISED: 07-09-13



- 400 BBL Tank
- 500 BBL Tanks
- Meter Build.
- Separator/Heater
- Anchor (Typ.)

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Approx. Top of Cut Slope

Approx. Toe of Fill Slope

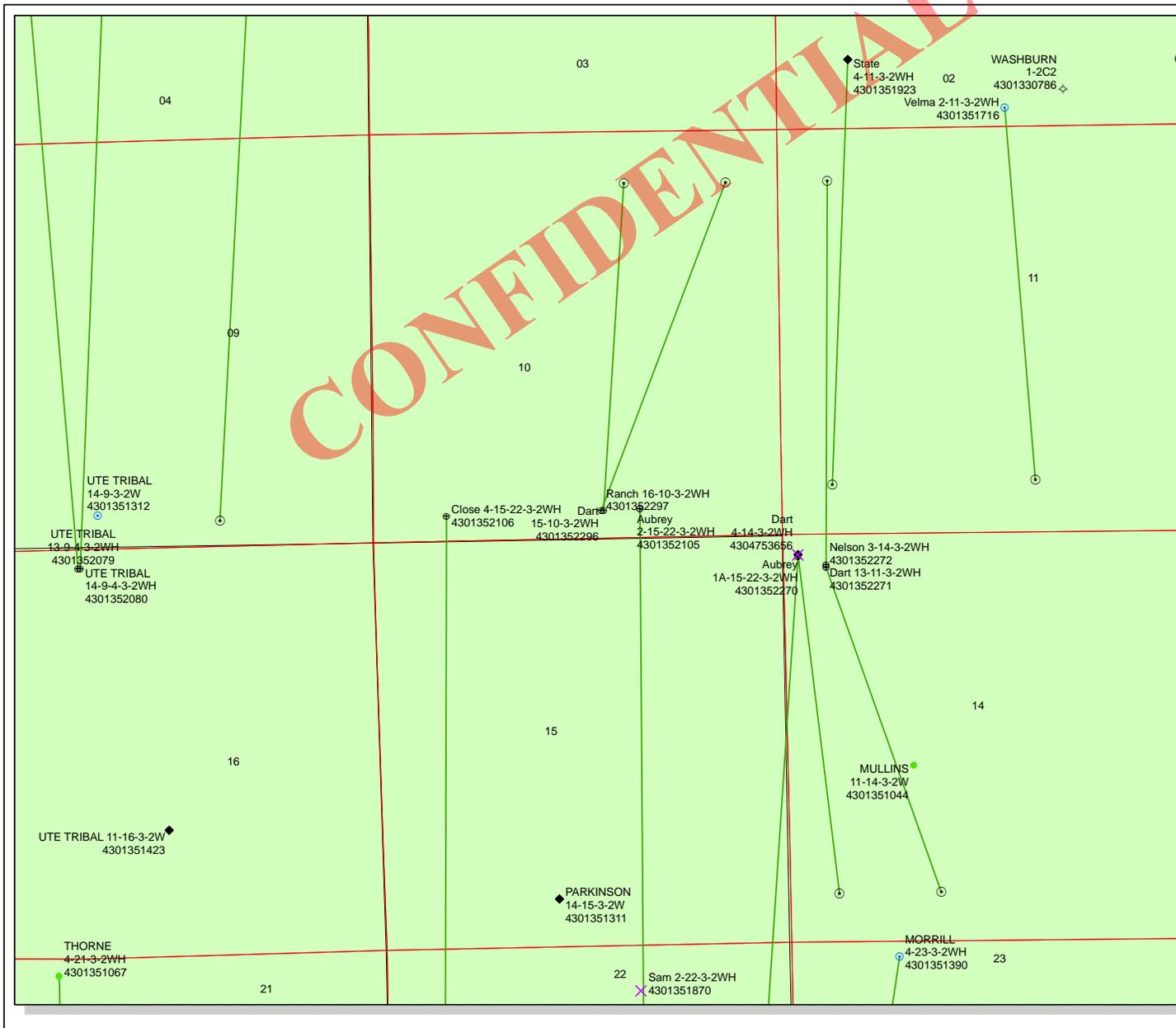
RECLAIMED AREA

APPROXIMATE ACREAGE
UN-RECLAIMED = ± 1.380 ACRES

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85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: July 12, 2013

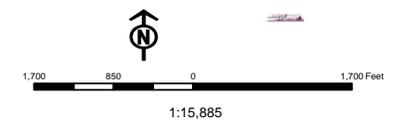
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API Number: 4301352297
Well Name: Ranch 16-10-3-2WH
Township T03.0S Range R02.0W Section 10
Meridian: UBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

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



Well Name	NEWFIELD PRODUCTION COMPANY Ranch 16-10-3-2WH 430135229			
String	COND	SURF	I1	PROD
Casing Size(")	20.000	13.375	9.625	5.500
Setting Depth (TVD)	60	1500	8458	9144
Previous Shoe Setting Depth (TVD)	0	60	1500	8458
Max Mud Weight (ppg)	8.3	8.4	10.5	14.5
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1000	2730	5750	12360
Operators Max Anticipated Pressure (psi)	6656			14.0

Calculations	COND String	20.000	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	SURF String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	655	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	475	YES diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	325	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	338	NO OK
Required Casing/BOPE Test Pressure=		1500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	4618	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3603	YES 5M BOPE, ram type, 5M annular
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2757	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3087	NO OK
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1500	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	6895	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5798	NO 5M BOPE, ram type, 5M annular
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4883	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6744	YES
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		5750	psi *Assumes 1psi/ft frac gradient

43013522970000 Ranch 16-10-3-2WH

Casing Schematic

Surface

127'

127'

157'

13-3/8"
MW 8.4
Frac 19.3

TOC @
529

Uinta
to 0' @ 3% w/o, tail 498'

53' tail *stop ✓

1379' BMSW (Newfield)

Surface

1500. MD

1500. TVD

2200' ± BMSW

TOC @
2723.

to 0' @ 2% w/o, tail 6907'
* Proposed to 0'

3728' Green River

* stop ✓

6666' Garden Gulch

7543' tail

to 7761 @ 4% w/o, tail 8234'
* Proposed to 7835'

8854' Upland Butte

Intermediate

TOC @
8945.

8800. MD

8458. TVD

376 SL

2340 EL

68

1630

444 FSL

710 FEL

@ 9729' target

376 SL

317

693 FSL ✓

9-5/8"
MW 10.5
Frac 19.3

8935' KOP

9479'

Horizontal

5-1/2"
MW 14.5

Production
13648. MD
9144. TVD

376 FSL

4231

4607 SL

5263

656 FSL

600' Hardblue ✓

2340 EL

1613

727 FEL ✓

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✓ Stop aunts.

Well name:	43013522970000 Ranch 16-10-3-2WH	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-013-52297
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 95 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 529 ft

Burst

Max anticipated surface pressure: 1,320 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,500 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
Neutral point: 1,314 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,458 ft
Next mud weight: 10.500 ppg
Next setting BHP: 4,613 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,500 ft
Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	13.375	54.50	J-55	ST&C	1500	1500	12.49	18612
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	655	1130	1.726	1500	2730	1.82	71.6	514	7.18 J

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

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

Date: August 27, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013522970000 Ranch 16-10-3-2WH		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Intermediate	Project ID:	43-013-52297
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 10.500 ppg
 Internal fluid density: 4.250 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 192 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft
 Cement top: 2,723 ft

Burst

Max anticipated surface pressure: 4,876 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,737 psi
 Annular backup: 2.33 ppg

Tension:

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

Tension is based on air weight.
 Neutral point: 7,464 ft

Directional well information:

Kick-off point 1500 ft
 Departure at shoe: 1662 ft
 Maximum dogleg: 1.5 °/100ft
 Inclination at shoe: 0 °

Re subsequent strings:

Next setting depth: 9,144 ft
 Next mud weight: 14.500 ppg
 Next setting BHP: 6,888 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 8,458 ft
 Injection pressure: 8,458 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8800	9.625	40.00	N-80	Buttress	8458	8800	8.75	119818
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2746	3090	1.125	5713	5750	1.01	338.3	916.3	2.71 B

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

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

Date: August 27, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8458 ft, a mud weight of 10.5 ppg. An internal gradient of .221 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Well name:	43013522970000 Ranch 16-10-3-2WH		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-013-52297
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 14.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 202 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft
 Cement top: 8,945 ft

Burst

Max anticipated surface pressure: 4,876 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,888 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 7,463 ft

Directional well information:

Kick-off point 1500 ft
 Departure at shoe: 4528 ft
 Maximum dogleg: 13.07 °/100ft
 Inclination at shoe: 87.19 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	13648	5.5	20.00	P-110	Buttress	9144	13648	4.653	113227
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6888	11100	1.612	6888	12360	1.79	182.9	641.1	3.51 B

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

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

Date: August 27, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9144 ft, a mud weight of 14.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Ranch 16-10-3-2WH
API Number 43013522970000 **APD No** 8274 **Field/Unit** NORTH MYTON BENCH
Location: 1/4,1/4 SWSE **Sec** 10 **Tw** 3.0S **Rng** 2.0W 376 FSL 2340 FEL
GPS Coord (UTM) 577020 4453733 **Surface Owner** Dart Homestead Ranch, Inc.

Participants

Bruce Dart - Landowner ; Jim Burns - Starpoint ; Forrest Bird, Mandie Crozier, Matt Barber - NFX; Kyle Gardiner - Uintah Engineering

Regional/Local Setting & Topography

On pad previously permitted. Pad will be extended to larger size of 2 pads with 2 pits, tank farms etc.

Previous pad Aubrey 2-15-22-3-2WH original language follows

The location is proposed on fallow grazing lands on the edge of the North Myton Bench. Drainages from the bench impact the site in two places. The area is rather barren of vegetation and the soils are clays. There are numerous eroded knolls and slight swales with an historic floodplain below. The location is one mile West of Highway 40 and 2 1/2 miles North of Myton just off Dart lane. The region is comprised of benches of differing levels and floodplains from the Duchesne River that has moved from its historic route. The soils are highly erodible and vegetation is sparse with the exception of the floodplains that are quite productive farmlands. Occasional buttes and numerous deep cut erosional features describe the region that is experiencing rapid growth in petroleum development.

Surface Use Plan

Current Surface Use

Wildlife Habitat
Grazing

New Road Miles

0.5

Well Pad

Width 235 **Length** 400

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

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

Dominant vegetation;

Galletta, mat atriplex and broom snake weed

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits. Wild turkeys have moved in and were encountered multiple times.

DWR did not respond with comments / issues

Soil Type and Characteristics

fat , light colored clays soils

Erosion Issues Y

soils are highly eroded

Sedimentation Issues Y

Site Stability Issues N

Drainage Diversion Required? Y

plans show diversion placement

Berm Required? Y

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	75 to 100	10
Distance to Surface Water (feet)		20
Dist. Nearest Municipal Well (ft)	1320 to 5280	5
Distance to Other Wells (feet)		20
Native Soil Type	Mod permeability	10
Fluid Type	Oil Base Mud Fluid	15
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5

Affected Populations

Presence Nearby Utility Conduits Present 15

Final Score 100 1 Sensitivity Level

Characteristics / Requirements

Operator intends to use an oil based drilling mud and is therefore required to use a closed loop system. If a reserve pit and freshwater is used, Pit to be dug to a depth of 8'. Because of the likely hood of disturbance to existing sandstone bedrock , pit underlayment is to be used to protect the liner from potential puncture. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

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

Other Observations / Comments

This is a pad that was previously permitted yet not built. They intend to extend this pad by approximately one more pad built immediately adjacent and connecting. It will have two very large cuttings pits etc.

Chris Jensen
Evaluator

7/25/2013
Date / Time

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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
8274	43013522970000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Dart Homestead Ranch, Inc.	
Well Name	Ranch 16-10-3-2WH		Unit		
Field	NORTH MYTON BENCH		Type of Work	DRILL	
Location	SWSE 10 3S 2W U 376 FSL 2340 FEL GPS Coord (UTM) 577021E 4453732N				

Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 1,500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 2,200'. A search of Division of Water Rights records shows 23 water wells within a 10,000 foot radius of the center of Section 10. Depth is listed as ranging from 32 to 800 feet. Depths are not listed for 4 wells. Water use is listed as irrigation, stock watering, municipal and domestic use. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Intermediate casing cement should be brought up to or above the estimated base of the moderately saline ground water.

Brad Hill
APD Evaluator

8/7/2013
Date / Time

Surface Statement of Basis

Location is proposed in a good location although outside the spacing window typical of a horizontal well. Access road enters the pad from the east. The landowner was in attendance for the pre-site inspection.

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

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Operator has plans to use a closed loop system an oil based mud not indicated on plans.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location was previously surveyed for cultural and paleontological resources as the operator saw fit. I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. A diversion is to be built sufficient to conduct overland or channel flow according to plans submitted

Chris Jensen
Onsite Evaluator

7/25/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the cuttings pit.
Pits	A closed loop mud circulation system is required for this location.
Surface	Interim reclamation to begin after drilling completion according to plans submitted and surface owner agreements
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/12/2013

API NO. ASSIGNED: 43013522970000

WELL NAME: Ranch 16-10-3-2WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SWSE 10 030S 020W

Permit Tech Review:

SURFACE: 0376 FSL 2340 FEL

Engineering Review:

BOTTOM: 0660 FNL 0660 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.23048

LONGITUDE: -110.09464

UTM SURF EASTINGS: 577021.00

NORTHINGS: 4453732.00

FIELD NAME: NORTH MYTON BENCH

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented

PROPOSED PRODUCING FORMATION(S): UTELAND BUTTE

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - B001834
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-90
- Effective Date: 5/9/2012
- Siting: 4 Prod LGRRV-WSTC Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhill
 5 - Statement of Basis - bhill
 8 - Cement to Surface -- 2 strings - hmacdonald
 12 - Cement Volume (3) - hmacdonald
 27 - Other - dmason
 28 - Other2 - ddoucet



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Ranch 16-10-3-2WH
API Well Number: 43013522970000
Lease Number: Patented
Surface Owner: FEE (PRIVATE)
Approval Date: 10/22/2013

Issued to:

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

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the UTELAND BUTTE 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:

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

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface as indicated in submitted drill plan.

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 7835' MD as indicated in the submitted drilling plan.

Horizontal lateral shall not be completed outside legal setbacks (approximately 9729' measured depth based on submitted directional drilling plan).

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation

- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ranch 16-10-3-2WH				
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 NORTH MYTON 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 mcozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Dart Homestead Ranch, Inc.						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-722-7087				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') Route 2, Box 2044, Roosevelt, UT 84066						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 type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		376 FSL 2340 FEL		SW/SE	10	3.0 S	2.0 W	U		
Top of Uppermost Producing Zone		660 FSL 660 FEL		SE/SE	10	3.0 S	2.0 W	U		
At Total Depth		660 FNL 660 FEL		NENE	10	3.0 S	2.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 376			23. NUMBER OF ACRES IN DRILLING UNIT 40				
27. ELEVATION - GROUND LEVEL 5344			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 30			26. PROPOSED DEPTH MD: 13648 TVD: 9143				
			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	24	20	0 - 60	0.0	Unknown	0.0	Class G	57	1.17	15.8
SURF	17.5	13.375	0 - 1500	54.5	J-55 ST&C	8.4	Varocem	120	3.33	11.0
							Varocem	420	1.9	13.0
I1	12.25	9.625	0 - 8800	40.0	N-80 Buttress	10.5	Halliburton Premium , Type Unknown	712	3.53	11.0
							50/50 Poz	508	1.29	14.0
PROD	8.75	5.5	0 - 13648	20.0	P-110 Other	14.5	Halliburton Premium , Type Unknown	79	3.53	11.0
							50/50 Poz	1092	1.29	14.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton				TITLE Permitting Agent				PHONE 435 719-2018		
SIGNATURE				DATE 07/12/2013				EMAIL starpoint@etv.net		
API NUMBER ASSIGNED 43013522970000				APPROVAL  Permit Manager						

Newfield Production Company
16-10-3-2WH
Surface Hole Location: 376' FSL, 2340' FEL, Section 10, T3S, R2W
Bottom Hole Location: 660' FNL, 660' FEL, Section 10, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,728'
Garden Gulch member	6,666'
Uteland Butte member	8,854'
Lateral TD	9,143' TVD / 13,648' MD

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

Base of moderately saline	1,379'	(water)
Green River	6,666' - 8,854'	(oil)
Uteland Butte member	8,854' - 9,143'	(oil)

3. Pressure Control

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" Diverter
Intermediate	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.
Prod/Prod Liner	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 20	0'	60'	--	--	Weld	--	--	--	--	--	--
Surface 13 3/8	0'	1,500'	54.5	J-55	STC	8.33	8.4	14	2,730	1,130	514,000
									2.68	2.24	6.29
Intermediate 9 5/8	0'	8,458' 8,800'	40	N-80	BTC	10	10.5	15	5,750	3,090	916,000
									1.08	1.34	2.71
Production 5 1/2	0'	9,143' 13,648'	20	P-110	BTC	14	14.5	16	12,360	11,080	641,000
									2.15	1.85	2.35

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
 Intermediate casing MASP = (reservoir pressure) - (gas gradient)
 Production casing MASP = (reservoir pressure) - (gas gradient)
 Intermediate collapse calculations assume 50% evacuated
 Maximum intermediate csg collapse load assumes loss of mud to a fluid level of 4,229'
 Intermediate csg run from surface to 8,458' and will not experience full evacuation
 Production csg run from surface to TD will isolate intermediate csg from production loads
 Production csg withstands burst and collapse loads for anticipated production conditions
 Surface & production collapse calcs assume fully evacuated casing w/ a gas gradient
 All tension calculations assume air weight of casing
 Gas gradient = 0.1 psi/ft

All casing shall be new.

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

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	24	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	66	15%	15.8	1.17
				57			
Surface Lead	17 1/2	500'	Varicem (Type III) + .125 lbs/sk Cello Flakes	399	15%	11.0	3.33
				120			
Surface Tail	17 1/2	1,000'	Varicem (Type III) + .125 lbs/sk Cello Flakes	799	15%	13.0	1.9
				420			
Intermediate Lead	12 1/4	6,980'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2514	15%	11.0	3.53
				712			
Intermediate Tail	12 1/4	1,820'	50/50 Poz/Class G + 1% bentonite	656	15%	14.0	1.29
				508			
Production Lead	8 3/4	965'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	280	15%	11.0	3.53
				79			
Production Tail	8 3/4	4,848'	50/50 Poz/Class G + 1% bentonite	1408	15%	14.0	1.29
				1092			

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

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

The 5.5" production string will be run from surface to TD and cemented to Surface. The cement slurries will be adjusted for hole conditions and blend test results. The lateral will be cemented past the setback.

6. Type and Characteristics of Proposed Circulating Medium**Interval****Description**

Surface - 1,500'

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

1,500' - 8,800' A water based mud: 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 10.5 ppg.

8,800' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells: A
water based mud: 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.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. The cuttings will be mixed with fly ash prior to transportation to a location on Newfield owned surface. Once on Newfield owned surface, the cuttings will be treated with the previously approved FIRMUS process and used as a construction material on future location and/or roads on Newfield owned surface. The cuttings may also be transported to a state approved disposal facility.

Anticipated maximum mud weight is 14.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from KOP to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from KOP to the cement top behind the production casing and or intermediate 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 0.73 psi/ft gradient.

$$9,143' \times 0.73 \text{ psi/ft} = 6656.1 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

The lateral of this well will target the Uteland Butte member of the Green River formation

After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 8,835'

Directional tools will then be used to build to 87.19 degrees inclination.

The lateral will be drilled to the bottomhole location shown on the plat. A 5-1/2" longstring will be run from surface to TD and cemented in place.

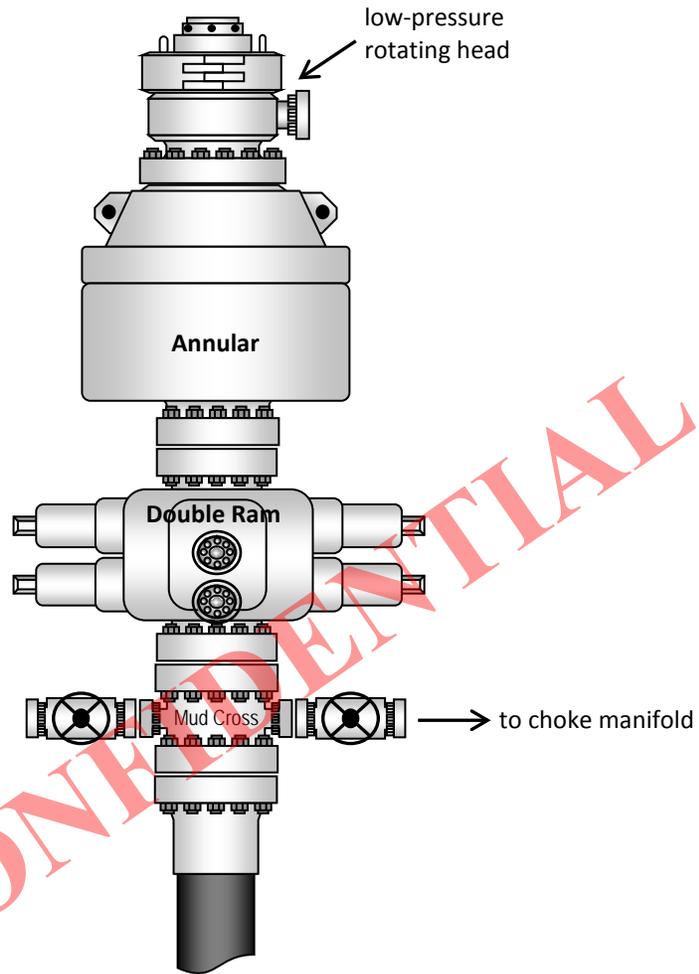
Newfield requests the following variances from Onshore Order #2:

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

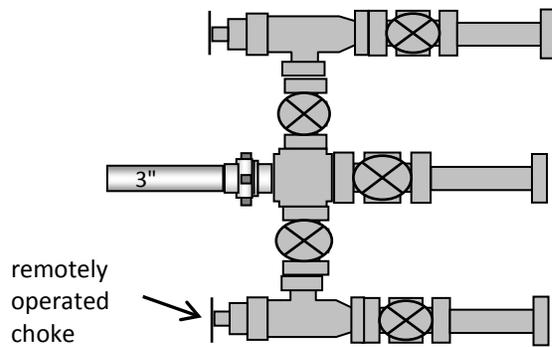
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used and If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

Typical 5M BOP stack configuration



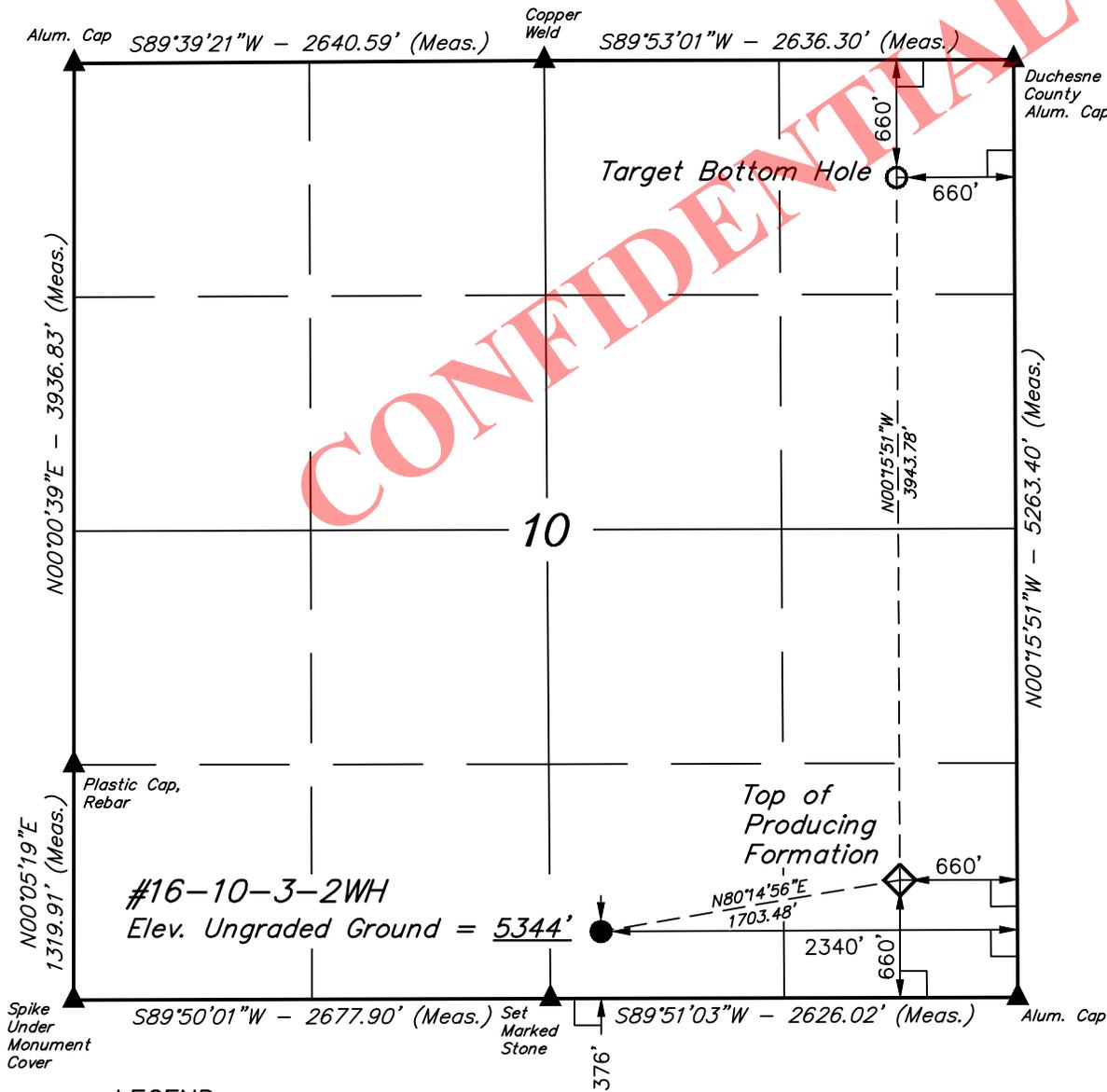
Typical 5M choke manifold configuration



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

NEWFIELD EXPLORATION COMPANY

Well location, #16-10-3-2WH, located as shown in the SW 1/4 SE 1/4 of Section 10, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

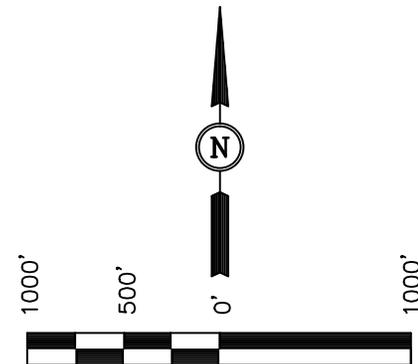


BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PART 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.

ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH
DATE 05-29-13

LEGEND:

- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- └ = 90° SYMBOL

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (TOP OF PRODUCING FORMATION)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°14'31.89" (40.242192)	LATITUDE = 40°13'52.92" (40.231367)	LATITUDE = 40°13'50.07" (40.230575)
LONGITUDE = 110°05'19.28" (110.088689)	LONGITUDE = 110°05'19.07" (110.088631)	LONGITUDE = 110°05'40.71" (110.094642)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (TOP OF PRODUCING FORMATION)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°14'32.03" (40.242231)	LATITUDE = 40°13'53.06" (40.231406)	LATITUDE = 40°13'50.22" (40.230617)
LONGITUDE = 110°05'16.74" (110.087983)	LONGITUDE = 110°05'16.53" (110.087925)	LONGITUDE = 110°05'38.17" (110.093936)

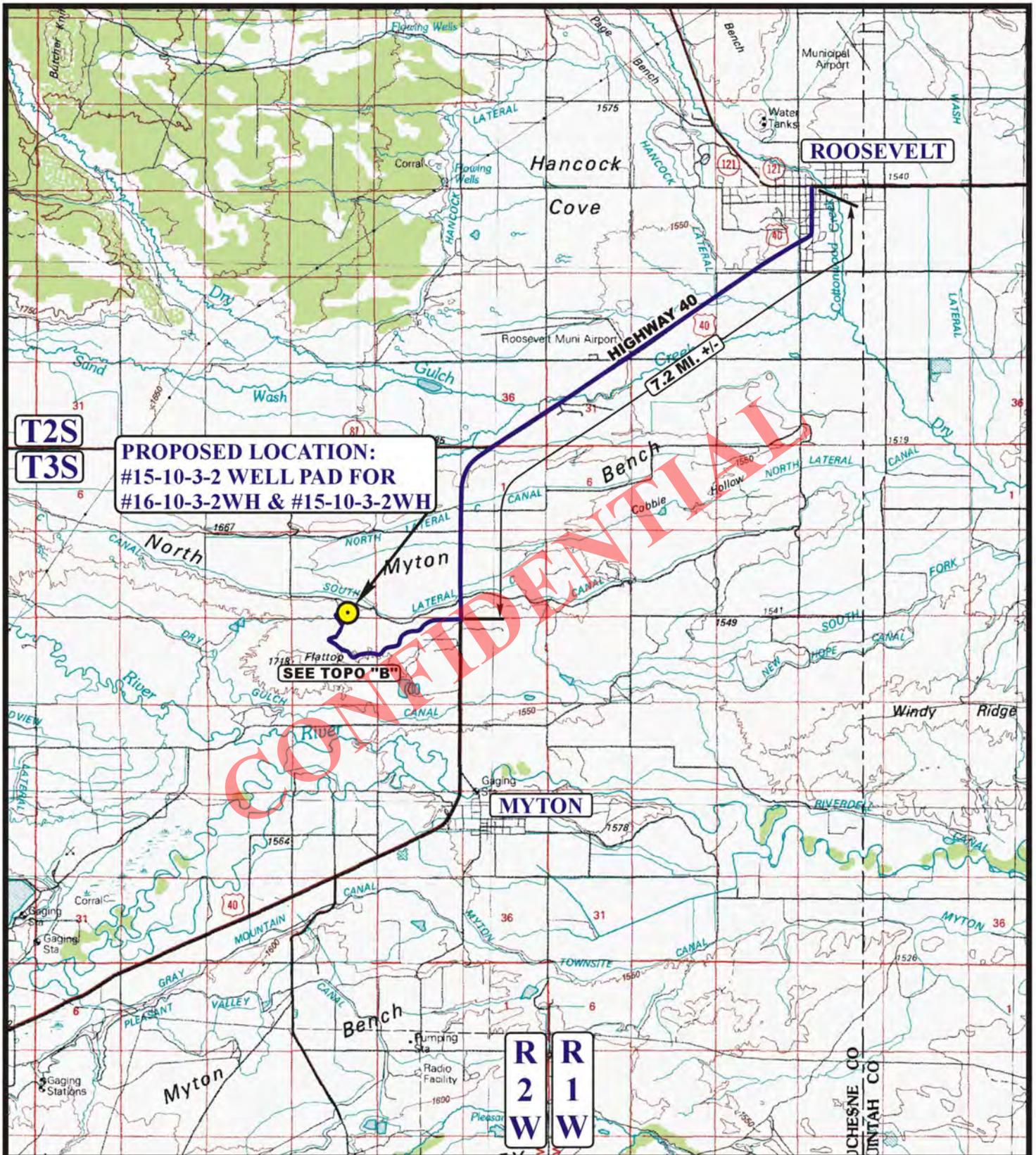
UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-22-13	DATE DRAWN: 05-28-13
PARTY C.A. R.L.L. S.F.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE NEWFIELD EXPLORATION COMPANY	

RECEIVED: July 12, 2013



**PROPOSED LOCATION:
#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH**

SEE TOPO "B"

**HIGHWAY 40
7.2 MI. +/-**

**T2S
T3S**

**R
2
W
R
1
W**

LEGEND:

PROPOSED LOCATION

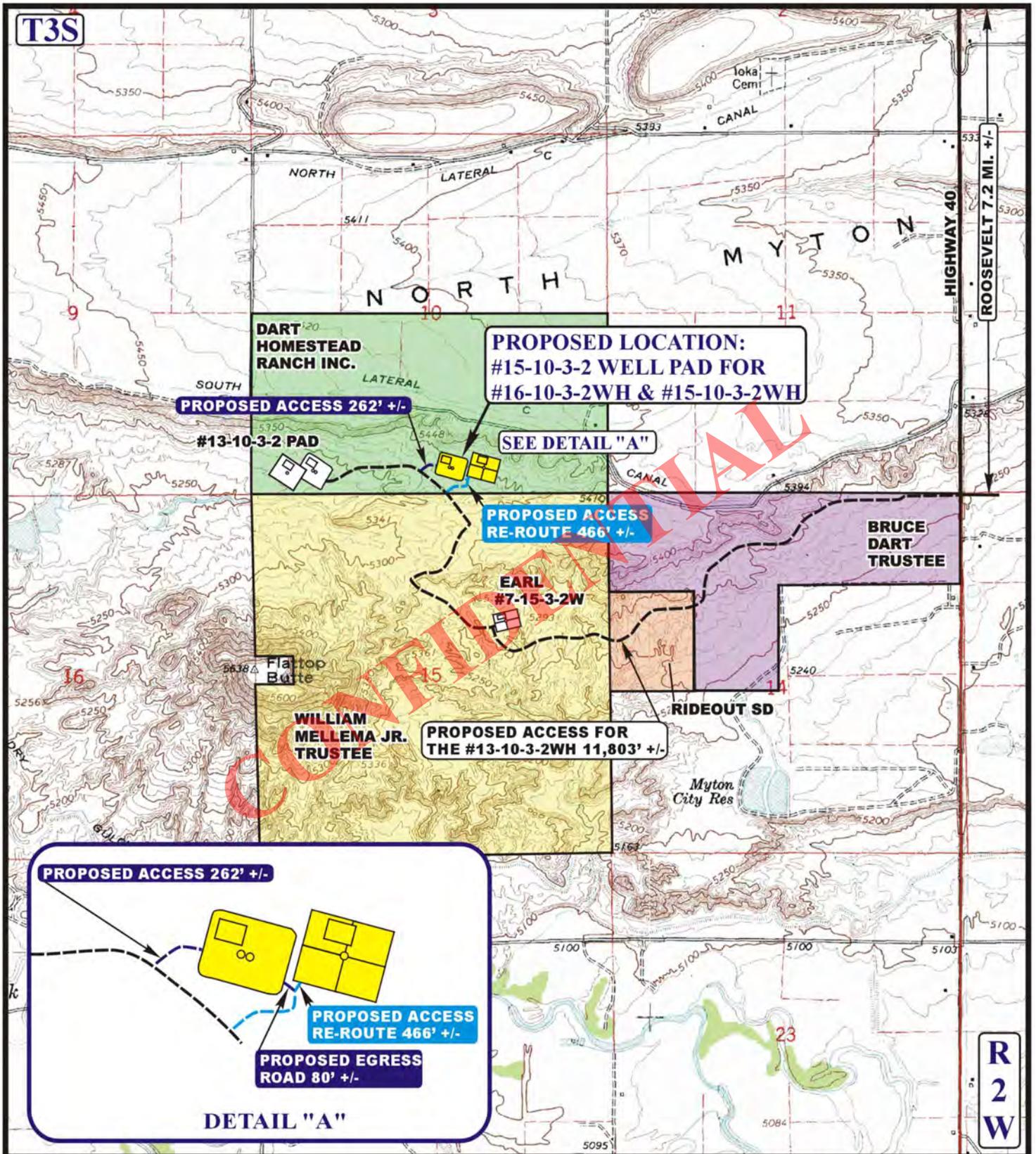
NEWFIELD EXPLORATION COMPANY

**#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4**

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP 11 15 12
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: C.I. REV: 07-10-13 S.O. **A TOPO**





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
 #16-10-3-2WH & #15-10-3-2WH
 SECTION 10, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

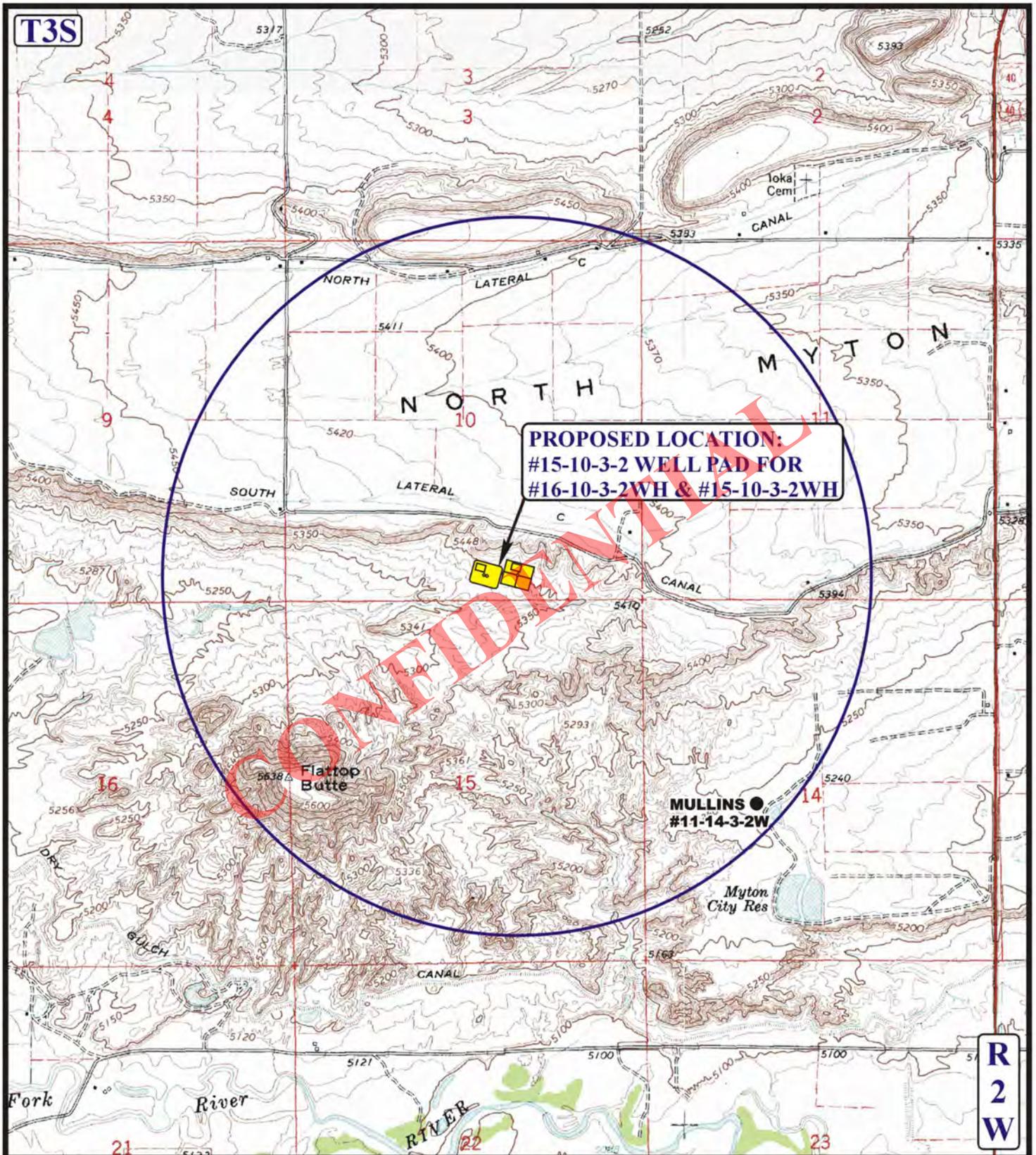
UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



ACCESS ROAD MAP 11 15 12
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.I. REV: 07-10-13 S.O.

B
 TOPO



**PROPOSED LOCATION:
#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH**

LEGEND:

- ⊘ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

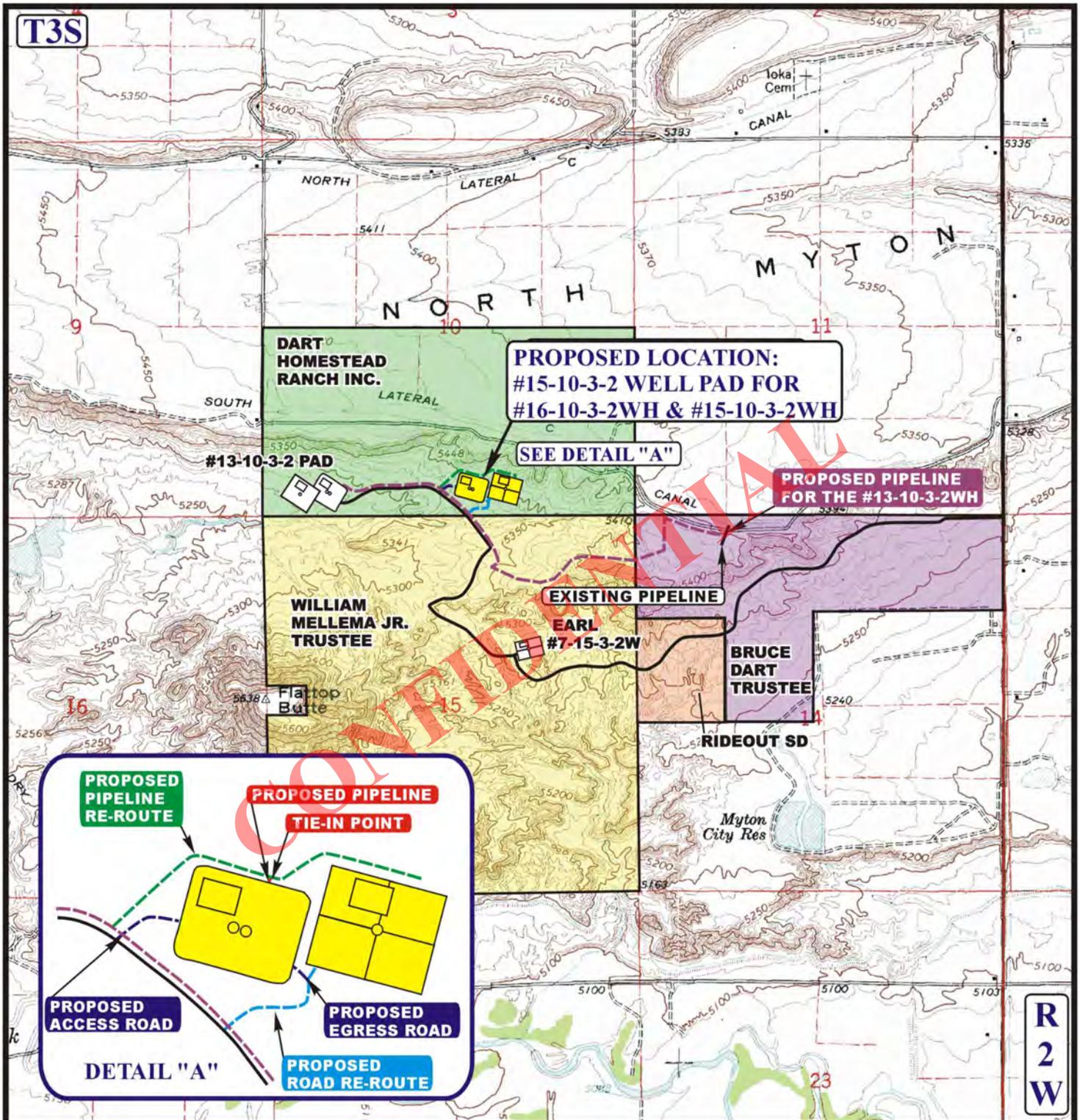
NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 11 15 12
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.L. REV: 07-10-13 S.O. **C TOPO**





APPROXIMATE TOTAL PIPELINE DISTANCE = 25' +/-

APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 1,353' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)
- PROPOSED PIPELINE RE-ROUTE

NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 11 15 12
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.L. REV: 07-10-13 S.O.

D
TOPO



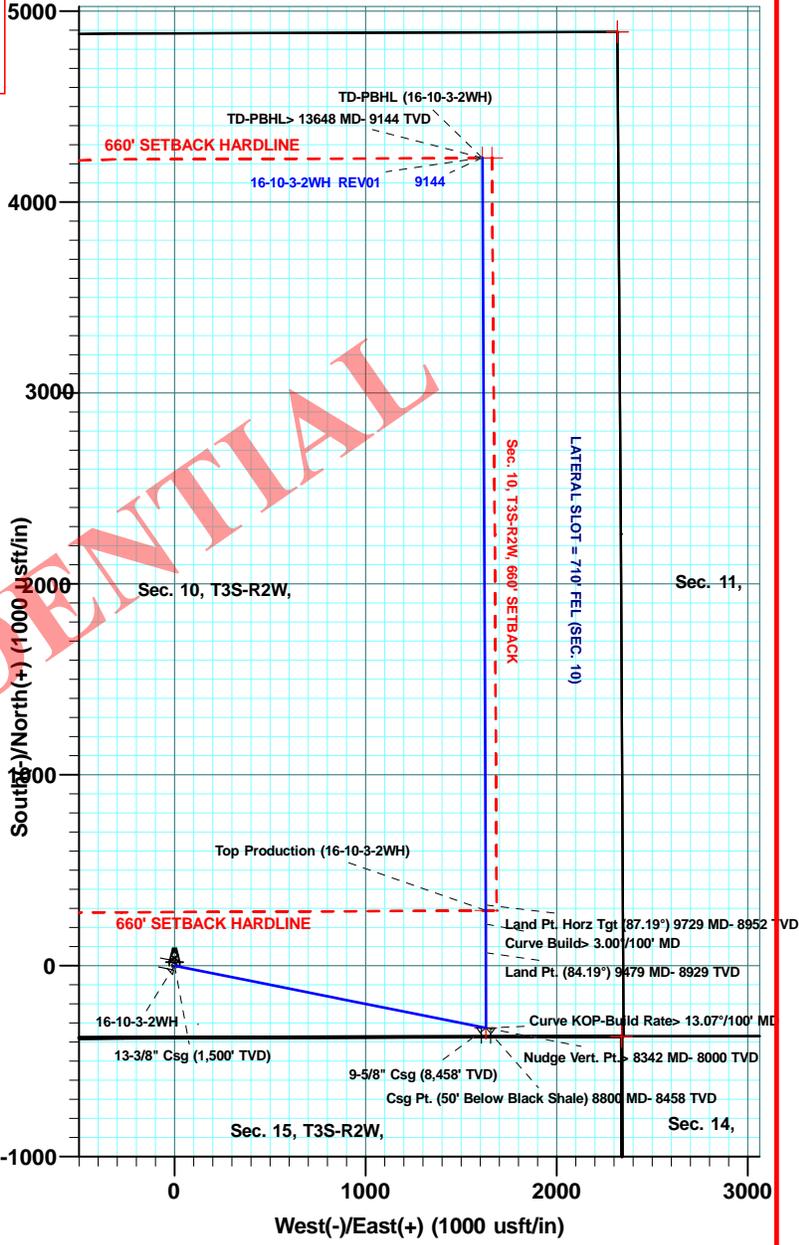
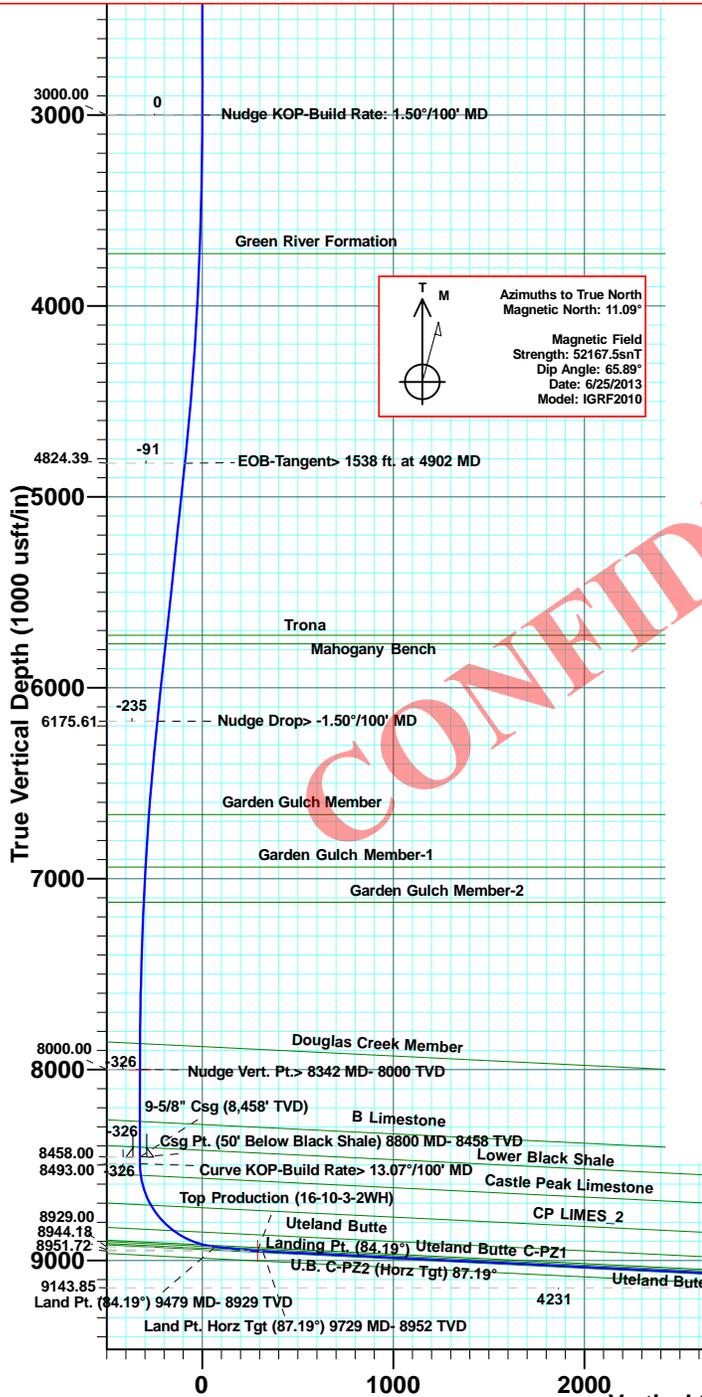


LEAM Drilling Systems, Inc.
 FOR
 NEWFIELD EXPLORATION ROCKY MOUNTAINS
 WELL: 16-10-3-2WH (PLAN: REV01)
 SEC. 10, T3S-R2W, DUCHESNE COUNTY, UTAH
 RIG NAME: PIONEER 68 (KB= 18')
 JUNE 25, 2013 -- WELL PLAN PLOT



WELL DETAILS: 16-10-3-2WH
 Ground Level: 5344.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7255795.61	2032772.0840° 13' 50.070 N	110° 5' 40.710 W		



SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	
4902.02	28.53	101.31	4824.39	-90.97	454.84	1.50	101.31	-90.97	
6440.01	28.53	101.31	6175.61	-235.03	1175.16	0.00	0.00	-235.03	
8342.03	0.00	0.00	8000.00	-326.00	1630.00	1.50	180.00	-326.00	
8800.03	0.00	0.00	8458.00	-326.00	1630.00	0.00	0.00	-326.00	
8835.03	0.00	0.00	8493.00	-326.00	1630.00	0.00	0.00	-326.00	
9479.00	84.19	0.00	8929.00	67.89	1630.00	13.07	0.00	67.89	
9629.00	84.19	0.00	8944.18	217.12	1630.00	0.00	0.00	217.12	
9729.34	87.19	359.75	8951.72	317.17	1629.78	3.00	-4.76	317.17	
13648.40	87.19	359.75	9143.85	4231.48	1612.70	0.00	0.00	4231.48	

SITE DETAILS: CENTRAL BASIN (NAD 83)
 Site Centre Latitude: 40° 13' 43.080 N
 Longitude: 110° 15' 32.490 W

Positional Uncertainty: 0.00
 Convergence: 0.79
 Local North: True

PROJECT DETAILS: DUCHESNE COUNTY, UT (NAD 83)
 Geodetic System: US State Plane 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

Project	DUCHESNE COUNTY, UT (NAD 83),		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	CENTRAL BASIN (NAD 83)		
Site Position:		Northing:	7,254,409.48 usft
From:	Lat/Long	Easting:	1,986,891.62 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 13' 43.080 N
		Longitude:	110° 15' 32.490 W
		Grid Convergence:	0.79 °

Well	16-10-3-2WH		
Well Position	+N-S	749.46 usft	Northing: 7,255,795.61 usft
	+E-W	45,895.28 usft	Easting: 2,032,772.07 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	5,362.00 usft
		Latitude:	40° 13' 50.070 N
		Longitude:	110° 5' 40.710 W
		Ground Level:	5,344.00 usft

Wellbore	16-10-3-2WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/25/2013	11.09	65.89	52,167

Design	16-10-3-2WH REV01				
Audit Notes:					
Version:	REV01	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)	
	0.00	0.00	0.00	0.00	

Plan Sections										
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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,902.02	28.53	101.31	4,824.39	-90.97	454.84	1.50	1.50	0.00	101.31	
6,440.01	28.53	101.31	6,175.61	-235.03	1,175.16	0.00	0.00	0.00	0.00	
8,342.03	0.00	0.00	8,000.00	-326.00	1,630.00	1.50	-1.50	0.00	180.00	Nudge Pt. (16-10-3-
8,800.03	0.00	0.00	8,458.00	-326.00	1,630.00	0.00	0.00	0.00	0.00	
8,835.03	0.00	0.00	8,493.00	-326.00	1,630.00	0.00	0.00	0.00	0.00	
9,479.00	84.19	0.00	8,929.00	67.89	1,630.00	13.07	13.07	0.00	0.00	
9,629.00	84.19	0.00	8,944.18	217.12	1,630.00	0.00	0.00	0.00	0.00	
9,729.34	87.19	359.75	8,951.73	317.17	1,629.78	3.00	2.99	-0.25	-4.76	
13,648.40	87.19	359.75	9,143.85	4,231.48	1,612.70	0.00	0.00	0.00	0.00	TD-PBHL (16-10-3-



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
Tangent > 1500 ft at 1500 MD - 13-3/8" Csg (1,500' TVD)									
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Nudge KOP-Build Rate: 1.50°/100' MD									
3,100.00	1.50	101.31	3,099.99	-0.26	1.28	-0.26	1.50	1.50	0.00
3,200.00	3.00	101.31	3,199.91	-1.03	5.13	-1.03	1.50	1.50	0.00
3,300.00	4.50	101.31	3,299.69	-2.31	11.55	-2.31	1.50	1.50	0.00
3,400.00	6.00	101.31	3,399.27	-4.10	20.52	-4.10	1.50	1.50	0.00
3,500.00	7.50	101.31	3,498.57	-6.41	32.04	-6.41	1.50	1.50	0.00
3,600.00	9.00	101.31	3,597.54	-9.22	46.11	-9.22	1.50	1.50	0.00
3,700.00	10.50	101.31	3,696.09	-12.54	62.72	-12.54	1.50	1.50	0.00
3,730.44	10.96	101.31	3,726.00	-13.66	68.28	-13.66	1.50	1.50	0.00
Green River Formation									
3,800.00	12.00	101.31	3,794.16	-16.37	81.85	-16.37	1.50	1.50	0.00
3,900.00	13.50	101.31	3,891.70	-20.70	103.49	-20.70	1.50	1.50	0.00
4,000.00	15.00	101.31	3,988.62	-25.53	127.63	-25.53	1.50	1.50	0.00
4,100.00	16.50	101.31	4,084.86	-30.85	154.24	-30.85	1.50	1.50	0.00
4,200.00	18.00	101.31	4,180.36	-36.66	183.32	-36.66	1.50	1.50	0.00
4,300.00	19.50	101.31	4,275.05	-42.97	214.84	-42.97	1.50	1.50	0.00
4,400.00	21.00	101.31	4,368.86	-49.76	248.78	-49.76	1.50	1.50	0.00
4,500.00	22.50	101.31	4,461.74	-57.02	285.11	-57.02	1.50	1.50	0.00
4,600.00	24.00	101.31	4,553.62	-64.76	323.82	-64.76	1.50	1.50	0.00
4,700.00	25.50	101.31	4,644.43	-72.97	364.87	-72.97	1.50	1.50	0.00



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

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)
4,800.00	27.00	101.31	4,734.12	-81.65	408.24	-81.65	1.50	1.50	0.00
4,902.02	28.53	101.31	4,824.39	-90.97	454.84	-90.97	1.50	1.50	0.00
EOB-Tangent> 1538 ft. at 4902 MD									
5,000.00	28.53	101.31	4,910.47	-100.15	500.73	-100.15	0.00	0.00	0.00
5,100.00	28.53	101.31	4,998.33	-109.51	547.56	-109.51	0.00	0.00	0.00
5,200.00	28.53	101.31	5,086.18	-118.88	594.40	-118.88	0.00	0.00	0.00
5,300.00	28.53	101.31	5,174.04	-128.25	641.23	-128.25	0.00	0.00	0.00
5,400.00	28.53	101.31	5,261.89	-137.61	688.07	-137.61	0.00	0.00	0.00
5,500.00	28.53	101.31	5,349.75	-146.98	734.90	-146.98	0.00	0.00	0.00
5,600.00	28.53	101.31	5,437.61	-156.35	781.74	-156.35	0.00	0.00	0.00
5,700.00	28.53	101.31	5,525.46	-165.71	828.57	-165.71	0.00	0.00	0.00
5,800.00	28.53	101.31	5,613.32	-175.08	875.41	-175.08	0.00	0.00	0.00
5,900.00	28.53	101.31	5,701.18	-184.45	922.24	-184.45	0.00	0.00	0.00
5,927.12	28.53	101.31	5,725.00	-186.99	934.94	-186.99	0.00	0.00	0.00
Trona									
5,978.34	28.53	101.31	5,770.00	-191.79	958.93	-191.79	0.00	0.00	0.00
Mahogany Bench									
6,000.00	28.53	101.31	5,789.03	-193.82	969.08	-193.82	0.00	0.00	0.00
6,100.00	28.53	101.31	5,876.89	-203.18	1,015.91	-203.18	0.00	0.00	0.00
6,200.00	28.53	101.31	5,964.75	-212.55	1,062.75	-212.55	0.00	0.00	0.00
6,300.00	28.53	101.31	6,052.60	-221.92	1,109.58	-221.92	0.00	0.00	0.00
6,400.00	28.53	101.31	6,140.46	-231.28	1,156.42	-231.28	0.00	0.00	0.00
6,440.01	28.53	101.31	6,175.61	-235.03	1,175.16	-235.03	0.00	0.00	0.00
Nudge Drop> -1.50°/100' MD									
6,500.00	27.63	101.31	6,228.54	-240.57	1,202.85	-240.57	1.50	-1.50	0.00
6,600.00	26.13	101.31	6,317.73	-249.44	1,247.18	-249.44	1.50	-1.50	0.00
6,700.00	24.63	101.31	6,408.08	-257.84	1,289.21	-257.84	1.50	-1.50	0.00
6,800.00	23.13	101.31	6,499.51	-265.78	1,328.91	-265.78	1.50	-1.50	0.00
6,900.00	21.63	101.31	6,591.98	-273.25	1,366.24	-273.25	1.50	-1.50	0.00
6,977.17	20.47	101.31	6,664.00	-278.68	1,393.42	-278.68	1.50	-1.50	0.00
Garden Gulch Member									
7,000.00	20.13	101.31	6,685.41	-280.24	1,401.19	-280.24	1.50	-1.50	0.00
7,100.00	18.63	101.31	6,779.74	-286.75	1,433.73	-286.75	1.50	-1.50	0.00
7,200.00	17.13	101.31	6,874.91	-292.77	1,463.83	-292.77	1.50	-1.50	0.00
7,266.89	16.13	101.31	6,939.00	-296.52	1,482.60	-296.52	1.50	-1.50	0.00
Garden Gulch Member-1									
7,300.00	15.63	101.31	6,970.84	-298.30	1,491.49	-298.30	1.50	-1.50	0.00
7,400.00	14.13	101.31	7,067.49	-303.33	1,516.67	-303.33	1.50	-1.50	0.00
7,457.14	13.27	101.31	7,123.00	-305.99	1,529.94	-305.99	1.50	-1.50	0.00
Garden Gulch Member-2									
7,500.00	12.63	101.31	7,164.77	-307.87	1,539.36	-307.87	1.50	-1.50	0.00
7,600.00	11.13	101.31	7,262.63	-311.91	1,559.55	-311.91	1.50	-1.50	0.00
7,700.00	9.63	101.31	7,360.99	-315.44	1,577.21	-315.44	1.50	-1.50	0.00
7,800.00	8.13	101.31	7,459.78	-318.47	1,592.35	-318.47	1.50	-1.50	0.00
7,900.00	6.63	101.31	7,558.95	-320.99	1,604.95	-320.99	1.50	-1.50	0.00
8,000.00	5.13	101.31	7,658.42	-323.00	1,614.99	-323.00	1.50	-1.50	0.00
8,100.00	3.63	101.31	7,758.13	-324.50	1,622.48	-324.50	1.50	-1.50	0.00
8,200.00	2.13	101.31	7,858.00	-325.48	1,627.41	-325.48	1.50	-1.50	0.00
8,206.03	2.04	101.31	7,864.02	-325.53	1,627.63	-325.53	1.50	-1.50	0.00
Douglas Creek Member									
8,300.00	0.63	101.31	7,957.97	-325.95	1,629.77	-325.95	1.50	-1.50	0.00



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 16-10-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

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)
8,342.03	0.00	0.00	8,000.00	-326.00	1,630.00	-326.00	1.50	-1.50	0.00
Nudge Vert. Pt.> 8342 MD- 8000 TVD									
8,400.00	0.00	0.00	8,057.97	-326.00	1,630.00	-326.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,157.97	-326.00	1,630.00	-326.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,257.97	-326.00	1,630.00	-326.00	0.00	0.00	0.00
8,614.03	0.00	0.00	8,272.00	-326.00	1,630.00	-326.00	0.00	0.00	0.00
B Limestone									
8,700.00	0.00	0.00	8,357.97	-326.00	1,630.00	-326.00	0.00	0.00	0.00
8,749.03	0.00	0.00	8,407.00	-326.00	1,630.00	-326.00	0.00	0.00	0.00
Lower Black Shale									
8,800.03	0.00	0.00	8,458.00	-326.00	1,630.00	-326.00	0.00	0.00	0.00
Csg Pt. (50' Below Black Shale) 8800 MD- 8458 TVD - 9-5/8" Csg (8,458' TVD)									
8,835.03	0.00	0.00	8,493.00	-326.00	1,630.00	-326.00	0.00	0.00	0.00
Curve KOP-Build Rate> 13.07°/100' MD									
8,850.00	1.96	0.00	8,507.96	-325.74	1,630.00	-325.74	13.07	13.07	0.00
8,875.00	5.23	0.00	8,532.91	-324.18	1,630.00	-324.18	13.07	13.07	0.00
8,896.44	8.03	0.00	8,554.21	-321.70	1,630.00	-321.70	13.07	13.07	0.00
Castle Peak Limestone									
8,900.00	8.49	0.00	8,557.73	-321.19	1,630.00	-321.19	13.07	13.07	0.00
8,925.00	11.76	0.00	8,582.34	-316.80	1,630.00	-316.80	13.07	13.07	0.00
8,950.00	15.03	0.00	8,606.65	-311.01	1,630.00	-311.01	13.07	13.07	0.00
8,975.00	18.30	0.00	8,630.60	-303.84	1,630.00	-303.84	13.07	13.07	0.00
9,000.00	21.57	0.00	8,654.10	-295.32	1,630.00	-295.32	13.07	13.07	0.00
9,025.00	24.84	0.00	8,677.07	-285.47	1,630.00	-285.47	13.07	13.07	0.00
9,050.00	28.10	0.00	8,699.45	-274.33	1,630.00	-274.33	13.07	13.07	0.00
9,063.02	29.81	0.00	8,710.84	-268.02	1,630.00	-268.02	13.07	13.07	0.00
CP LIMES_2									
9,075.00	31.37	0.00	8,721.15	-261.93	1,630.00	-261.93	13.07	13.07	0.00
9,100.00	34.64	0.00	8,742.12	-248.31	1,630.00	-248.31	13.07	13.07	0.00
9,125.00	37.91	0.00	8,762.27	-233.52	1,630.00	-233.52	13.07	13.07	0.00
9,150.00	41.18	0.00	8,781.54	-217.61	1,630.00	-217.61	13.07	13.07	0.00
9,175.00	44.45	0.00	8,799.88	-200.62	1,630.00	-200.62	13.07	13.07	0.00
9,200.00	47.71	0.00	8,817.22	-182.61	1,630.00	-182.61	13.07	13.07	0.00
9,225.00	50.98	0.00	8,833.50	-163.65	1,630.00	-163.65	13.07	13.07	0.00
9,243.21	53.36	0.00	8,844.67	-149.26	1,630.00	-149.26	13.07	13.07	0.00
Uteland Butte									
9,250.00	54.25	0.00	8,848.68	-143.79	1,630.00	-143.79	13.07	13.07	0.00
9,275.00	57.52	0.00	8,862.70	-123.09	1,630.00	-123.09	13.07	13.07	0.00
9,300.00	60.79	0.00	8,875.52	-101.63	1,630.00	-101.63	13.07	13.07	0.00
9,325.00	64.06	0.00	8,887.09	-79.47	1,630.00	-79.47	13.07	13.07	0.00
9,350.00	67.33	0.00	8,897.38	-56.69	1,630.00	-56.69	13.07	13.07	0.00
9,375.00	70.59	0.00	8,906.35	-33.36	1,630.00	-33.36	13.07	13.07	0.00
9,400.00	73.86	0.00	8,913.98	-9.56	1,630.00	-9.56	13.07	13.07	0.00
9,416.73	76.05	0.00	8,918.32	6.59	1,630.00	6.59	13.07	13.07	0.00
Uteland Butte C-PZ1									
9,425.00	77.13	0.00	8,920.24	14.64	1,630.00	14.64	13.07	13.07	0.00
9,450.00	80.40	0.00	8,925.11	39.16	1,630.00	39.16	13.07	13.07	0.00
9,475.00	83.67	0.00	8,928.58	63.91	1,630.00	63.91	13.07	13.07	0.00
9,479.00	84.19	0.00	8,929.00	67.89	1,630.00	67.89	13.07	13.07	0.00
Land Pt. (84.19°) 9479 MD- 8929 TVD									
9,485.33	84.19	0.00	8,929.64	74.19	1,630.00	74.19	0.00	0.00	0.00



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Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

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)
Landing Pt. (84.19°)									
9,500.00	84.19	0.00	8,931.13	88.78	1,630.00	88.78	0.00	0.00	0.00
9,600.00	84.19	0.00	8,941.25	188.27	1,630.00	188.27	0.00	0.00	0.00
9,629.00	84.19	0.00	8,944.18	217.12	1,630.00	217.12	0.00	0.00	0.00
Curve Build> 3.00°/100' MD									
9,700.00	86.31	359.82	8,950.06	287.87	1,629.89	287.87	3.00	2.99	-0.25
9,704.80	86.46	359.81	8,950.36	292.66	1,629.88	292.66	3.00	2.99	-0.25
U.B. C-PZ2 (Horz Tgt) 87.19°									
9,729.34	87.19	359.75	8,951.72	317.16	1,629.78	317.16	3.00	2.99	-0.25
Land Pt. Horz Tgt (87.19°) 9729 MD- 8952 TVD									
9,800.00	87.19	359.75	8,955.19	387.74	1,629.47	387.74	0.00	0.00	0.00
9,900.00	87.19	359.75	8,960.09	487.62	1,629.04	487.62	0.00	0.00	0.00
10,000.00	87.19	359.75	8,964.99	587.50	1,628.60	587.50	0.00	0.00	0.00
10,100.00	87.19	359.75	8,969.90	687.38	1,628.17	687.38	0.00	0.00	0.00
10,200.00	87.19	359.75	8,974.80	787.25	1,627.73	787.25	0.00	0.00	0.00
10,300.00	87.19	359.75	8,979.70	887.13	1,627.29	887.13	0.00	0.00	0.00
10,400.00	87.19	359.75	8,984.60	987.01	1,626.86	987.01	0.00	0.00	0.00
10,500.00	87.19	359.75	8,989.51	1,086.89	1,626.42	1,086.89	0.00	0.00	0.00
10,600.00	87.19	359.75	8,994.41	1,186.77	1,625.99	1,186.77	0.00	0.00	0.00
10,700.00	87.19	359.75	8,999.31	1,286.65	1,625.55	1,286.65	0.00	0.00	0.00
10,800.00	87.19	359.75	9,004.21	1,386.53	1,625.12	1,386.53	0.00	0.00	0.00
10,900.00	87.19	359.75	9,009.12	1,486.41	1,624.68	1,486.41	0.00	0.00	0.00
11,000.00	87.19	359.75	9,014.02	1,586.28	1,624.24	1,586.28	0.00	0.00	0.00
11,100.00	87.19	359.75	9,018.92	1,686.16	1,623.81	1,686.16	0.00	0.00	0.00
11,200.00	87.19	359.75	9,023.82	1,786.04	1,623.37	1,786.04	0.00	0.00	0.00
11,300.00	87.19	359.75	9,028.73	1,885.92	1,622.94	1,885.92	0.00	0.00	0.00
11,400.00	87.19	359.75	9,033.63	1,985.80	1,622.50	1,985.80	0.00	0.00	0.00
11,500.00	87.19	359.75	9,038.53	2,085.68	1,622.06	2,085.68	0.00	0.00	0.00
11,600.00	87.19	359.75	9,043.43	2,185.56	1,621.63	2,185.56	0.00	0.00	0.00
11,700.00	87.19	359.75	9,048.33	2,285.44	1,621.19	2,285.44	0.00	0.00	0.00
11,800.00	87.19	359.75	9,053.24	2,385.32	1,620.76	2,385.32	0.00	0.00	0.00
11,900.00	87.19	359.75	9,058.14	2,485.19	1,620.32	2,485.19	0.00	0.00	0.00
12,000.00	87.19	359.75	9,063.04	2,585.07	1,619.89	2,585.07	0.00	0.00	0.00
12,100.00	87.19	359.75	9,067.94	2,684.95	1,619.45	2,684.95	0.00	0.00	0.00
12,200.00	87.19	359.75	9,072.85	2,784.83	1,619.01	2,784.83	0.00	0.00	0.00
12,300.00	87.19	359.75	9,077.75	2,884.71	1,618.58	2,884.71	0.00	0.00	0.00
12,400.00	87.19	359.75	9,082.65	2,984.59	1,618.14	2,984.59	0.00	0.00	0.00
12,500.00	87.19	359.75	9,087.55	3,084.47	1,617.71	3,084.47	0.00	0.00	0.00
12,600.00	87.19	359.75	9,092.46	3,184.35	1,617.27	3,184.35	0.00	0.00	0.00
12,700.00	87.19	359.75	9,097.36	3,284.22	1,616.84	3,284.22	0.00	0.00	0.00
12,800.00	87.19	359.75	9,102.26	3,384.10	1,616.40	3,384.10	0.00	0.00	0.00
12,900.00	87.19	359.75	9,107.16	3,483.98	1,615.96	3,483.98	0.00	0.00	0.00
13,000.00	87.19	359.75	9,112.07	3,583.86	1,615.53	3,583.86	0.00	0.00	0.00
13,100.00	87.19	359.75	9,116.97	3,683.74	1,615.09	3,683.74	0.00	0.00	0.00
13,200.00	87.19	359.75	9,121.87	3,783.62	1,614.66	3,783.62	0.00	0.00	0.00
13,300.00	87.19	359.75	9,126.77	3,883.50	1,614.22	3,883.50	0.00	0.00	0.00
13,400.00	87.19	359.75	9,131.68	3,983.38	1,613.78	3,983.38	0.00	0.00	0.00
13,500.00	87.19	359.75	9,136.58	4,083.26	1,613.35	4,083.26	0.00	0.00	0.00
13,600.00	87.19	359.75	9,141.48	4,183.13	1,612.91	4,183.13	0.00	0.00	0.00
13,648.40	87.19	359.75	9,143.85	4,231.48	1,612.70	4,231.48	0.00	0.00	0.00
TD-PBHL> 13648 MD- 9144 TVD									



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Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5344'+ 18'= 5362' MSL @ 5362.00usft (Pioneer 68 (KB = 18'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

Design Targets

Target Name	- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Sec. 10, T3S-R2W,		0.00	0.00	-18.00	4,891.50	2,318.43	7,260,722.93	2,035,013.37	40° 14' 38.410 N	110° 5' 10.810 W
- plan misses target center by 5413.15usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)										
- Polygon										
Point 1				-18.00	0.00	0.00	7,260,722.93	2,035,013.37		
Point 2				-18.00	-2,629.83	18.26	7,258,093.71	2,035,072.94		
Point 3				-18.00	-5,261.67	31.87	7,255,462.41	2,035,127.90		
Point 4				-18.00	-5,272.68	-2,593.37	7,255,410.16	2,032,503.16		
Point 5				-18.00	-5,284.51	-5,269.81	7,255,356.28	2,029,827.23		
Point 6				-18.00	-28.86	-5,274.97	7,260,611.20	2,029,739.50		
Point 7				-18.00	-9.00	-2,635.56	7,260,672.52	2,032,378.27		
Point 8				-18.00	0.00	0.00	7,260,722.93	2,035,013.37		
Sec. 10, T3S-R2W, 6t		0.00	0.00	-18.00	4,230.69	1,661.72	7,260,051.89	2,034,367.12	40° 14' 31.880 N	110° 5' 19.280 W
- plan misses target center by 4545.37usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)										
- Polygon										
Point 1				-18.00	0.00	0.00	7,260,051.89	2,034,367.12		
Point 2				-18.00	-1,972.11	14.61	7,258,080.26	2,034,412.71		
Point 3				-18.00	-3,942.21	24.57	7,256,110.55	2,034,453.62		
Point 4				-18.00	-3,950.94	-1,940.63	7,256,070.95	2,032,488.80		
Point 5				-18.00	-3,959.59	-3,955.47	7,256,030.64	2,030,474.34		
Point 6				-18.00	-61.87	-3,959.17	7,259,927.83	2,030,409.41		
Point 7				-18.00	-6.72	-1,976.52	7,260,014.12	2,032,390.94		
Point 8				-18.00	0.00	0.00	7,260,051.89	2,034,367.12		
Nudge Pt. (16-10-3-2)		0.00	0.00	8,000.00	-326.00	1,630.00	7,255,495.26	2,034,406.99	40° 13' 46.848 N	110° 5' 19.693 W
- plan hits target center										
- Point										
Top Production (16-10-3-2V)		0.00	0.00	8,950.00	289.23	1,629.05	7,256,110.40	2,034,396.38	40° 13' 52.928 N	110° 5' 19.705 W
- plan misses target center by 0.85usft at 9701.35usft MD (8950.15 TVD, 289.22 N, 1629.89 E)										
- Point										
TD-PBHL (16-10-3-2V)		0.00	0.00	9,144.00	4,231.48	1,611.72	7,260,051.89	2,034,317.12	40° 14' 31.888 N	110° 5' 19.925 W
- plan misses target center by 0.99usft at 13648.40usft MD (9143.85 TVD, 4231.48 N, 1612.70 E)										
- Point										

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,500.00	1,500.00	13-3/8" Csg (1,500' TVD)	13-3/8	13-3/8
8,800.03	8,458.00	9-5/8" Csg (8,458' TVD)	9-5/8	9-5/8



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Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	16-10-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	16-10-3-2WH		
Design:	16-10-3-2WH REV01		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,730.44	3,726.00	Green River Formation		0.00	0.00
5,927.12	5,725.00	Trona		0.00	0.00
5,978.34	5,770.00	Mahogany Bench		0.00	0.00
6,977.17	6,664.00	Garden Gulch Member		0.00	0.00
7,266.89	6,939.00	Garden Gulch Member-1		0.00	0.00
7,457.14	7,123.00	Garden Gulch Member-2		0.00	0.00
8,206.03	7,864.02	Douglas Creek Member		2.81	0.00
8,614.03	8,272.00	B Limestone		2.81	0.00
8,749.03	8,407.00	Lower Black Shale		2.81	0.00
8,896.44	8,554.21	Castle Peak Limestone		2.81	0.00
9,063.02	8,710.84	CP LIMES_2		2.81	0.00
9,243.21	8,844.67	Uteland Butte		2.81	0.00
9,416.73	8,918.32	Uteland Butte C-PZ1		2.81	0.00
9,485.33	8,929.64	Landing Pt. (84.19°)		2.81	0.00
9,704.80	8,950.36	U.B. C-PZ2 (Horz Tgt) 87.19°		2.81	0.00

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,500.00	1,500.00	0.00	0.00	Tangent>1500 ft at 1500 MD
3,000.00	3,000.00	0.00	0.00	Nudge KOP-Build Rate: 1.50°/100' MD
4,902.02	4,824.39	-90.97	454.84	EOB-Tangent> 1538 ft. at 4902 MD
6,440.01	6,175.61	-235.03	1,175.16	Nudge Drop> -1.50°/100' MD
8,342.03	8,000.00	-326.00	1,630.00	Nudge Vert. Pt.> 8342 MD- 8000 TVD
8,800.03	8,458.00	-326.00	1,630.00	Csg Pt. (50' Below Black Shale) 8800 MD- 8458 TVD
8,835.03	8,493.00	-326.00	1,630.00	Curve KOP-Build Rate> 13.07°/100' MD
9,479.00	8,929.00	67.89	1,630.00	Land Pt. (84.19°) 9479 MD- 8929 TVD
9,629.00	8,944.18	217.12	1,630.00	Curve Build> 3.00°/100' MD
9,729.34	8,951.72	317.16	1,629.78	Land Pt. Horz Tgt (87.19°) 9729 MD- 8952 TVD
13,648.40	9,143.85	4,231.48	1,612.70	TD-PBHL> 13648 MD- 9144 TVD

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 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Ranch 16-10-3-2WH well with a surface location to be positioned in the SWSE of Section 10, Township 3 South, Range 2 West (the "Drillsite Location"), with a wellbore point of entry in the SESE of Section 10 Township 3 South, Range 2 West and a bottom hole location to be positioned in the NENE of Section 10, Township 3 South, Range 2 West, Duchesne County, Utah. The surface owner of the Drillsite Location is Dart Homestead Ranch, whose address is Route 2, Box 2044, Roosevelt, UT 84066 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated February 16, 2013 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO	§
	§
COUNTY OF DENVER	§

Before me, a Notary Public, in and for the State, on this 2nd day of July, 2013, 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.



NOTARY PUBLIC

My Commission Expires:

AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

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 17th Street, Suite 2000, Denver, CO 80202 (“Newfield”).
2. Newfield is the Operator of the proposed Dart 15-10-3-2WH, Ranch 16-10-3-2WH, D-15-22-3-2WH and 3-15-22-3-2WH wells with surface locations to be positioned in the S/2S/2 of Section 10, Township 3 South, Range 2 West, Duchesne County, Utah (the “Drillsite Location”). The surface owner of a portion of the access road is Mack Rideout, Personal Representative of the Estate of Sherman D. Rideout, whose address is 3634 Capstone Ave., Salt Lake City, UT 84121 (“Surface Owner”).
3. Newfield and the Surface Owner have agreed upon an Easement and Right-of-Way dated December 10, 2012 covering the SWNW of Section 14, Township 3 South, Range 2 West, Duchesne County, Utah.

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 3rd day of July, 2013, 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.

NOTARY PUBLIC

My Commission Expires:



AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

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 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Dart 15-10-3-2WH, Ranch 16-10-3-2WH, D-15-22-3-2WH and 3-15-22-3-2WH wells with surface locations to be positioned in the S/2S/2 of Section 10, Township 3 South, Range 2 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of a portion of the access road and pipeline route is William Mellema, Jr. - Trustee, whose address is P.O. Box 1198, Parker, CO 80134-1198 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement and Right-of-Way dated September 20, 2012 covering the N/2 and SE/4SW/4 of Section 15, Township 3 South, Range 2 West, Duchesne County, Utah.

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 3rd day of July 2013, 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.

NOTARY PUBLIC

My Commission Expires:



AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

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 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Dart 15-10-3-2WH, Ranch 16-10-3-2WH, D-15-22-3-2WH and 3-15-22-3-2WH wells with surface locations to be positioned in the S/2S/2 of Section 10, Township 3 South, Range 2 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of a portion of the access road is Bruce Dart, Trustee, whose address is Route 2, Box 2044, Roosevelt, UT 84066 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement and Right-of-Way dated February 16, 2013 covering the E/2NW and N/2NE of Section 14, Township 3 South, Range 2 West, Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

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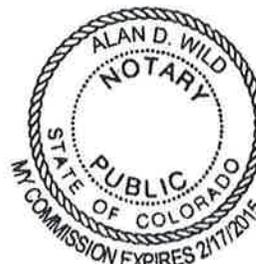
ACKNOWLEDGEMENT

STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 3rd day of July 2013, 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.

NOTARY PUBLIC

My Commission Expires:



July 9, 2013

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
PO Box 145801
Salt Lake City, UT 84114

NEWFIELD



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

RE: 16-10-3-2WH
Township 3 South, Range 2 West, Section 10
Duchesne County, Utah

Dear Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the 16-10-3-2WH from a surface location of 376' FSL and 2340' FEL of Section 10, T3S R2W, to a bottom hole location of 660' FNL and 660' FEL of Section 10, T3S R2W.

The 16-10-3-2WH is covered by Order No. 139-90, which requires no portion of the producing interval of the horizontal lateral be closer than 660' from the northern or southern section boundaries and no closer than 660' from the eastern or western section boundaries.

In compliance with the above referenced Order, the top of the uppermost producing zone of the 16-10-3-2WH is 660' FSL and 660' FEL of 3S 2W Section 10. Newfield shall case and cement the 16-10-3-2WH wellbore from the surface location to the point where the wellbore reaches the legal setback, and the wellbore will only be completed within the legal setback. In the event a future recompletion outside of this setback is proposed, Newfield shall attempt to acquire consent from all the owners in Section 15 of T3S R2W, and shall file the appropriate application with the State. The bottom hole location of the 16-10-3-2WH is 660' FNL and 660' FEL of 3S 2W Section 10, which is within the legal setback. In the event the horizontal lateral drifts east, Newfield will attempt to acquire consent from all owners in Section 11 of T3S R2W and shall file the appropriate application with the State.

Newfield has also obtained authorization from the surface owner of the drilling location, as is evidenced by the Affidavit of Easement, Right-of-Way and Surface Use Agreement attached to the APD. Newfield and its partners are the leasehold owners of the minerals underlying the surface location and all that portion of the wellbore of the 16-10-3-2WH lying outside the drilling unit.

Based on Newfield's compliance with the requirements of Order No. 139-90, Newfield respectfully requests the approval of our APD for the 16-10-3-2WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4466 or by email at rmiller@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Robert N. Miller II".

Robert N. Miller II
Landman

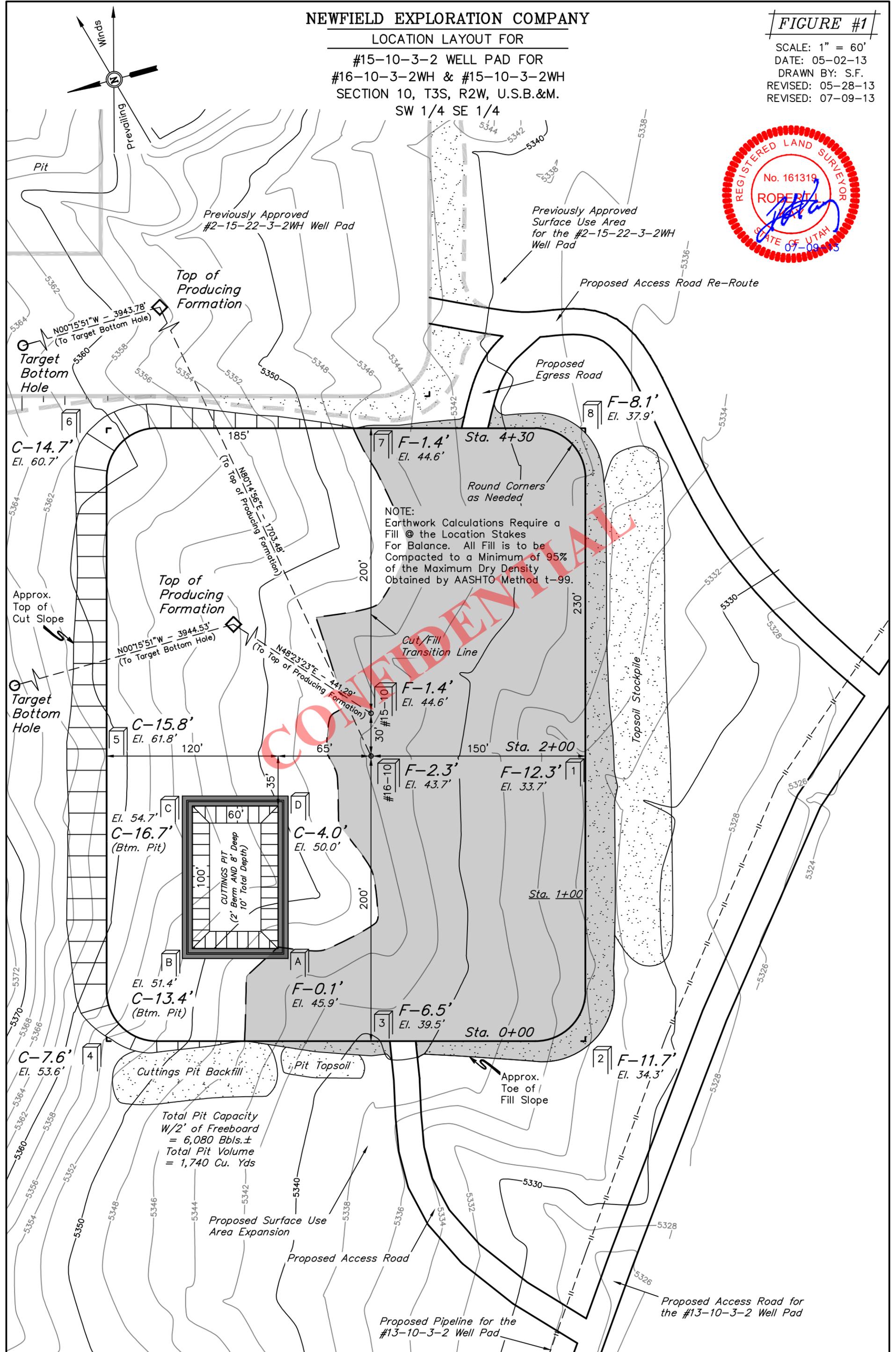
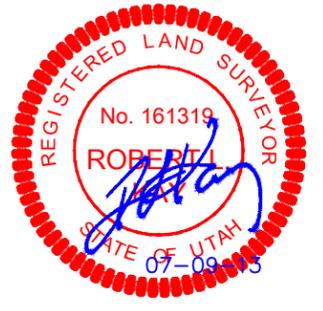
NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT FOR

#15-10-3-2 WELL PAD FOR
 #16-10-3-2WH & #15-10-3-2WH
 SECTION 10, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 60'
 DATE: 05-02-13
 DRAWN BY: S.F.
 REVISED: 05-28-13
 REVISED: 07-09-13



Elev. Ungraded Ground At #16-10-3-2WH Loc. Stake = 5343.7'
 FINISHED GRADE ELEV. AT #16-10-3-2WH LOC. STAKE = 5346.0'

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: July 12, 2013

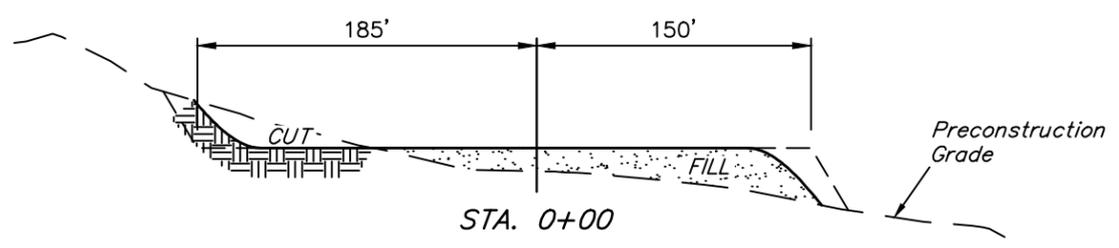
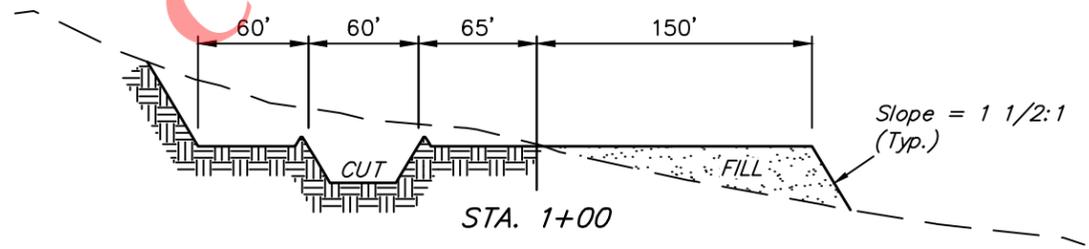
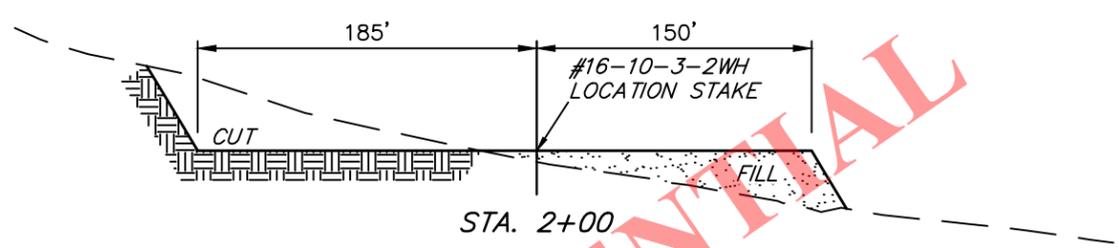
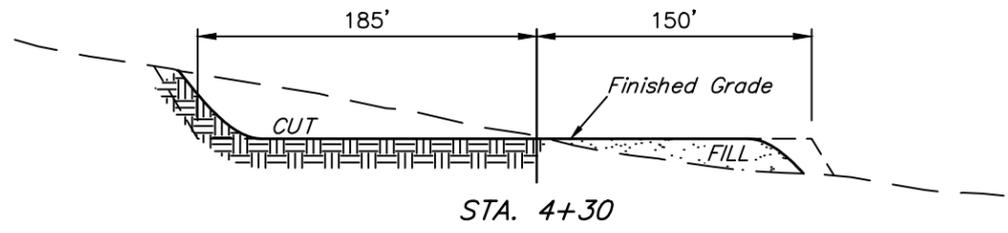
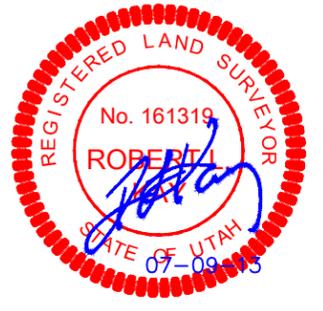
NEWFIELD EXPLORATION COMPANY

TYPICAL CROSS SECTIONS FOR

#15-10-3-2 WELL PAD FOR
 #16-10-3-2WH & #15-10-3-2WH
 SECTION 10, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

FIGURE #2

X-Section Scale
 1" = 40'
 1" = 100'
 DATE: 05-02-13
 DRAWN BY: S.F.
 REVISED: 05-28-13
 REVISED: 07-09-13



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* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	3,100 Cu. Yds.
Remaining Location	=	19,880 Cu. Yds.
TOTAL CUT	=	22,980 CU. YDS.
FILL	=	19,010 CU. YDS.

EXCESS MATERIAL	=	3,970 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,970 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

APPROXIMATE ACREAGE

ORIGINAL PROPOSED WELL	
SITE DISTURBANCE	= ± 5.702 ACRES
NEW (ADDITIONAL TO ORIGINAL) PROPOSED	
EXPANSION WELL SITE DISTURBANCE	= ± 5.058 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.427 ACRES
PIPELINE DISTURBANCE	= ± 0.204 ACRES
TOTAL	= ± 11.391 ACRES

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: July 12, 2013

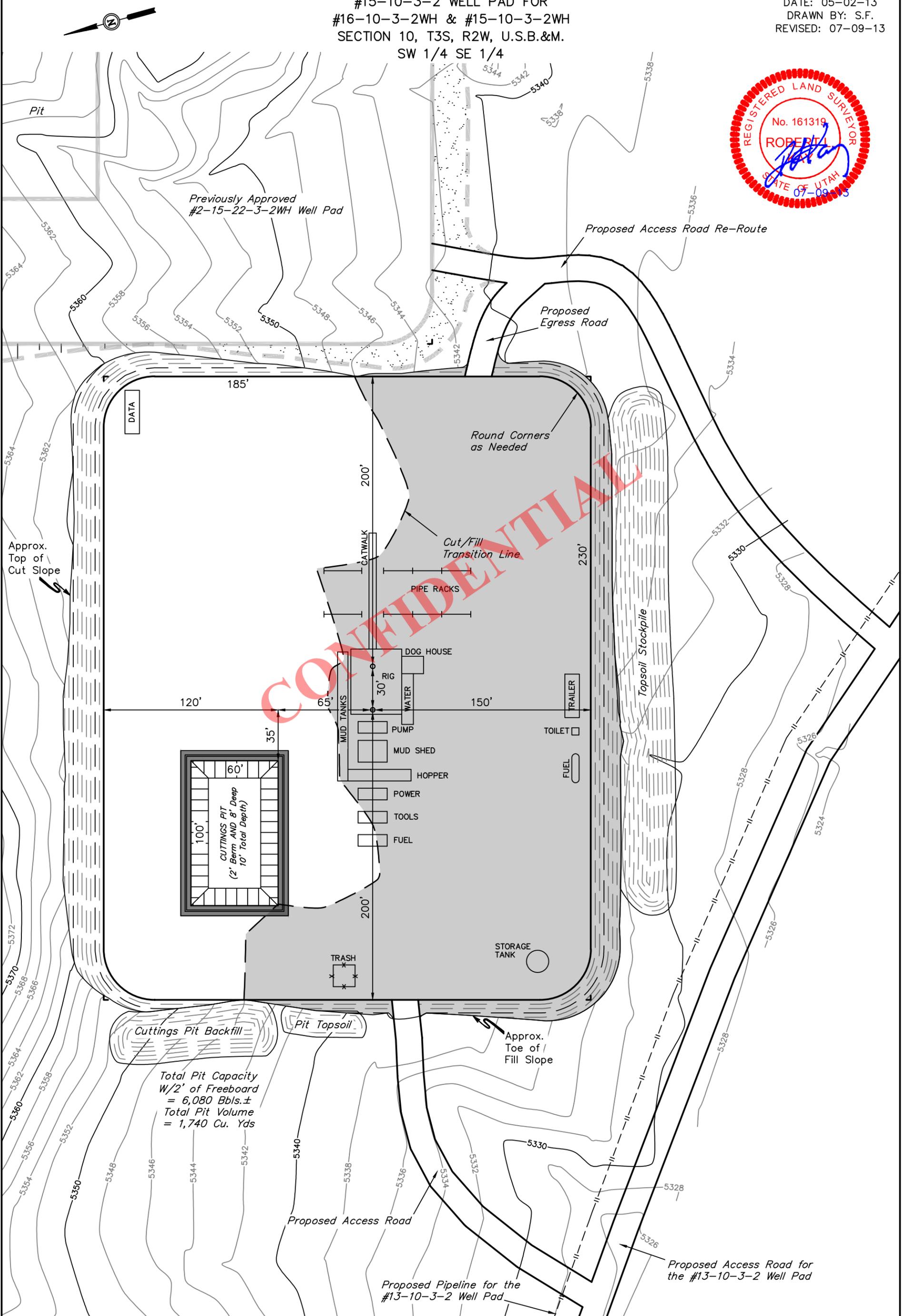
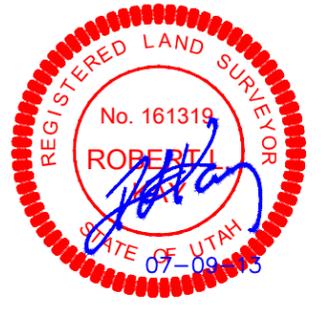
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT FOR

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #3

SCALE: 1" = 60'
DATE: 05-02-13
DRAWN BY: S.F.
REVISED: 07-09-13



Total Pit Capacity
W/2' of Freeboard
= 6,080 Bbls.±
Total Pit Volume
= 1,740 Cu. Yds

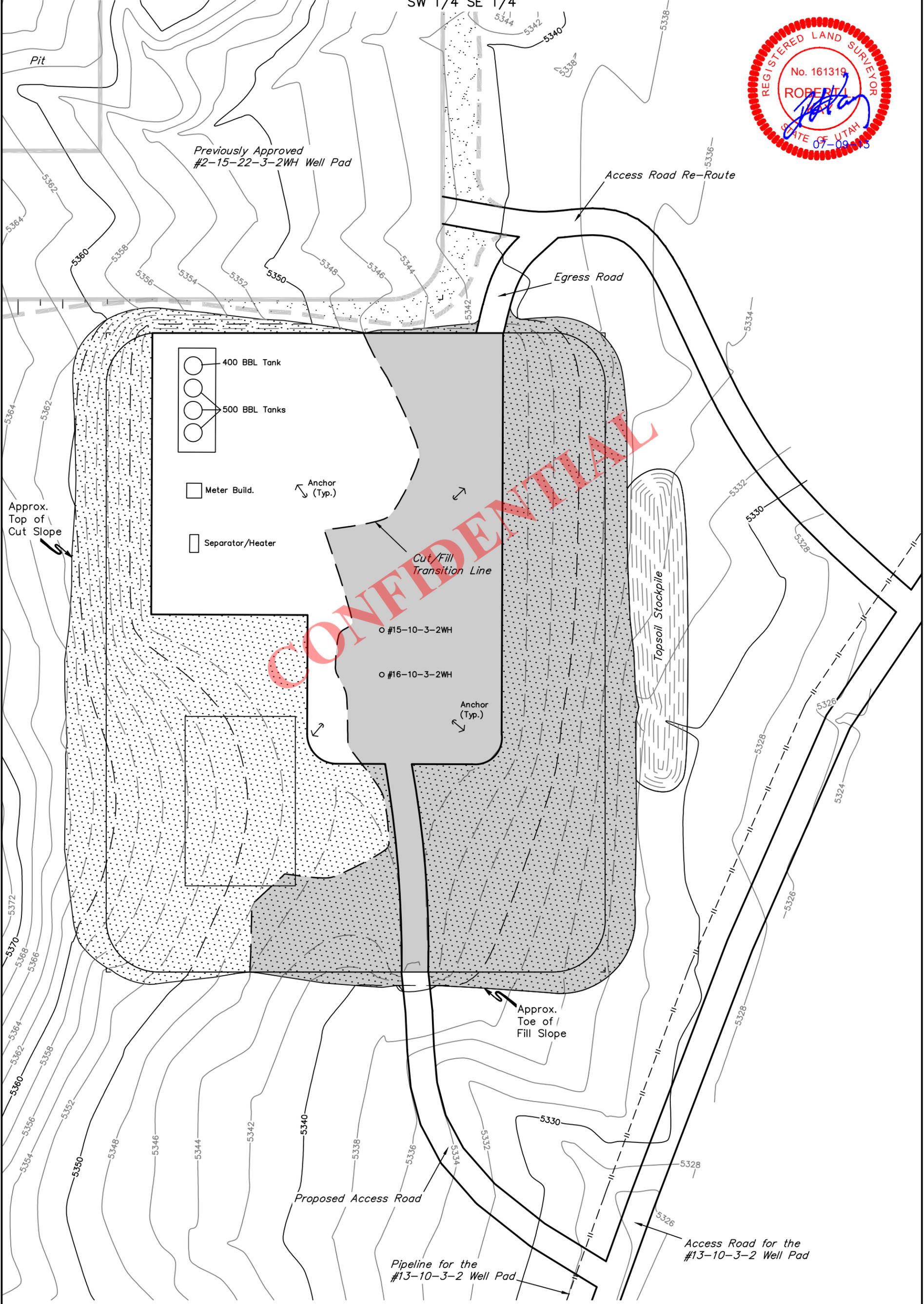
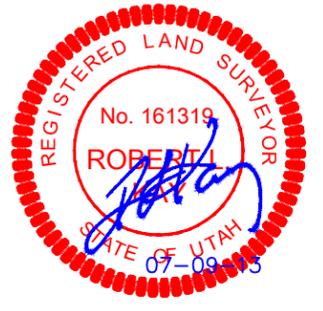
NEWFIELD EXPLORATION COMPANY

PRODUCTION FACILITY LAYOUT FOR

#15-10-3-2 WELL PAD FOR
#16-10-3-2WH & #15-10-3-2WH
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #4

SCALE: 1" = 60'
DATE: 05-02-13
DRAWN BY: S.F.
REVISED: 05-28-13
REVISED: 07-09-13



- 400 BBL Tank
- 500 BBL Tanks
- Meter Build.
- Separator/Heater
- Anchor (Typ.)

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Approx. Top of Cut Slope

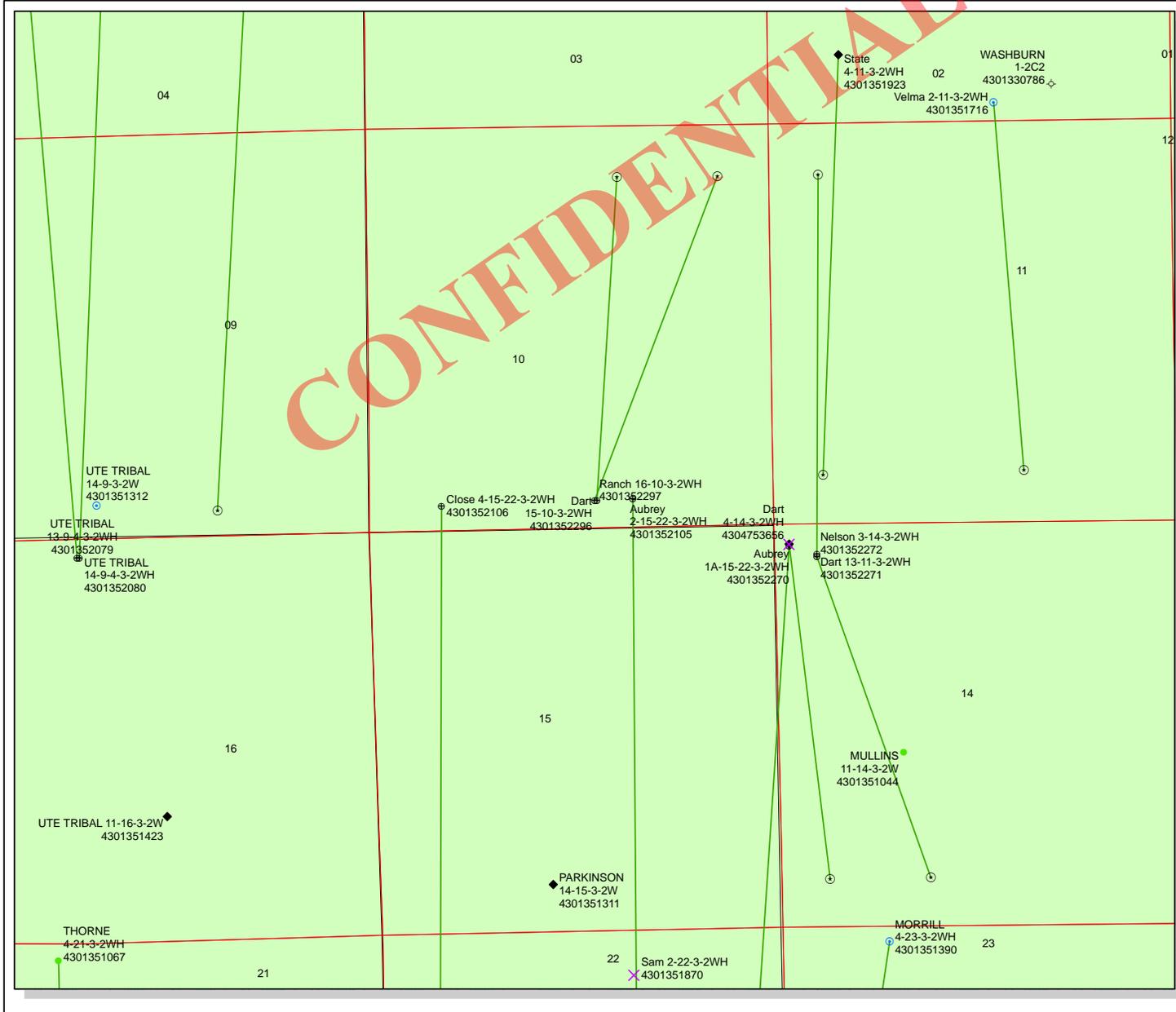
Approx. Toe of Fill Slope

RECLAIMED AREA

APPROXIMATE ACREAGE
UN-RECLAIMED = ± 1.380 ACRES

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85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

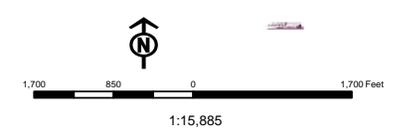
RECEIVED: July 12, 2013



API Number: 4301352297
Well Name: Ranch 16-10-3-2WH
Township T03.0S Range R02.0W Section 10
Meridian: UBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

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



Well Name	NEWFIELD PRODUCTION COMPANY Ranch 16-10-3-2WH 430135229			
String	COND	SURF	I1	PROD
Casing Size(")	20.000	13.375	9.625	5.500
Setting Depth (TVD)	60	1500	8458	9144
Previous Shoe Setting Depth (TVD)	0	60	1500	8458
Max Mud Weight (ppg)	8.3	8.4	10.5	14.5
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1000	2730	5750	12360
Operators Max Anticipated Pressure (psi)	6656			14.0

Calculations	COND String	20.000	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

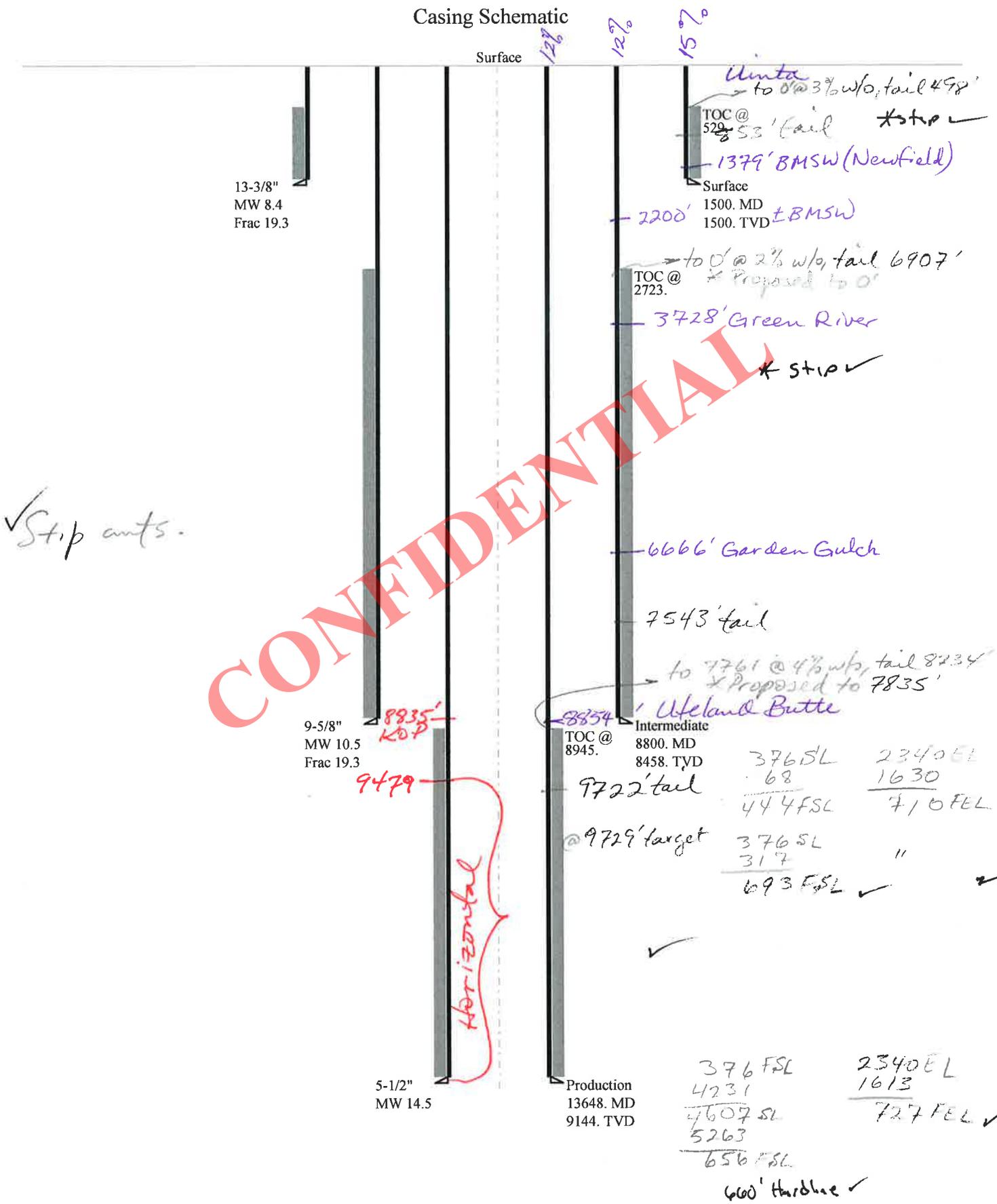
Calculations	SURF String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	655	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	475	YES diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	325	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	338	NO OK
Required Casing/BOPE Test Pressure=		1500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	4618	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3603	YES 5M BOPE, ram type, 5M annular
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2757	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3087	NO OK
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1500	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	6895	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5798	NO 5M BOPE, ram type, 5M annular
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4883	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6744	YES
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		5750	psi *Assumes 1psi/ft frac gradient

43013522970000 Ranch 16-10-3-2WH

Casing Schematic



✓ Stop aunts.

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9-5/8"
MW 10.5
Frac 19.3
8835' KOP
9479'

Horizontal

5-1/2"
MW 14.5

Production
13648. MD
9144. TVD

Upland
to 0' @ 3% w/o, tail 498'
TOC @ 529
53' tail *stop ✓
1379' BMSW (Newfield)

Surface
1500. MD
1500. TVD ± BMSW
2200'

to 0' @ 2% w/o, tail 6907'
TOC @ 2723.
* Proposed to 0'
3728' Green River

* stop ✓

6666' Garden Gulch

7543' tail

to 7761 @ 4% w/o, tail 8234'
* Proposed to 7835'

8854' Upland Butte
Intermediate
TOC @ 8800. MD
8945. 8458. TVD

9722' tail

@ 9729' target

376 SL	2340 EL
68	1630
444 FSL	710 FEL
376 SL	"
317	"
693 FSL ✓	

376 FSL	2340 EL
4231	1613
4607 SL	727 FEL ✓
5263	
656 FSL	
600' Hardblue ✓	

Well name:	43013522970000 Ranch 16-10-3-2WH	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-013-52297
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 95 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 529 ft

Burst

Max anticipated surface pressure: 1,320 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,500 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
Neutral point: 1,314 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,458 ft
Next mud weight: 10,500 ppg
Next setting BHP: 4,613 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 1,500 ft
Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	13.375	54.50	J-55	ST&C	1500	1500	12.49	18612
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	655	1130	1.726	1500	2730	1.82	71.6	514	7.18 J

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

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

Date: August 27, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013522970000 Ranch 16-10-3-2WH		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Intermediate	Project ID:	43-013-52297
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 10.500 ppg
 Internal fluid density: 4.250 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 192 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft
 Cement top: 2,723 ft

Burst

Max anticipated surface pressure: 4,876 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,737 psi
 Annular backup: 2.33 ppg

Tension:

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

Tension is based on air weight.
 Neutral point: 7,464 ft

Directional well information:

Kick-off point 1500 ft
 Departure at shoe: 1662 ft
 Maximum dogleg: 1.5 °/100ft
 Inclination at shoe: 0 °

Re subsequent strings:

Next setting depth: 9,144 ft
 Next mud weight: 14.500 ppg
 Next setting BHP: 6,888 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 8,458 ft
 Injection pressure: 8,458 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8800	9.625	40.00	N-80	Buttress	8458	8800	8.75	119818
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2746	3090	1.125	5713	5750	1.01	338.3	916.3	2.71 B

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

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

Date: August 27, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8458 ft, a mud weight of 10.5 ppg. An internal gradient of .221 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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

Well name:	43013522970000 Ranch 16-10-3-2WH		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-013-52297
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 14.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 202 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft
 Cement top: 8,945 ft

Burst

Max anticipated surface pressure: 4,876 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,888 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 7,463 ft

Directional well information:

Kick-off point 1500 ft
 Departure at shoe: 4528 ft
 Maximum dogleg: 13.07 °/100ft
 Inclination at shoe: 87.19 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	13648	5.5	20.00	P-110	Buttress	9144	13648	4.653	113227
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6888	11100	1.612	6888	12360	1.79	182.9	641.1	3.51 B

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

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

Date: August 27, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9144 ft, a mud weight of 14.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Ranch 16-10-3-2WH
API Number 43013522970000 **APD No** 8274 **Field/Unit** NORTH MYTON BENCH
Location: 1/4,1/4 SWSE **Sec** 10 **Tw** 3.0S **Rng** 2.0W 376 FSL 2340 FEL
GPS Coord (UTM) 577020 4453733 **Surface Owner** Dart Homestead Ranch, Inc.

Participants

Bruce Dart - Landowner ; Jim Burns - Starpoint ; Forrest Bird, Mandie Crozier, Matt Barber - NFX; Kyle Gardiner - Uintah Engineering

Regional/Local Setting & Topography

On pad previously permitted. Pad will be extended to larger size of 2 pads with 2 pits, tank farms etc.

Previous pad Aubrey 2-15-22-3-2WH original language follows

The location is proposed on fallow grazing lands on the edge of the North Myton Bench. Drainages from the bench impact the site in two places. The area is rather barren of vegetation and the soils are clays. There are numerous eroded knolls and slight swales with an historic floodplain below. The location is one mile West of Highway 40 and 2 1/2 miles North of Myton just off Dart lane. The region is comprised of benches of differing levels and floodplains from the Duchesne River that has moved from its historic route. The soils are highly erodible and vegetation is sparse with the exception of the floodplains that are quite productive farmlands. Occasional buttes and numerous deep cut erosional features describe the region that is experiencing rapid growth in petroleum development.

Surface Use Plan

Current Surface Use

Wildlife Habitat
Grazing

**New Road
Miles**

0.5

Well Pad

Width 235 **Length** 400

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

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

Dominant vegetation;

Galletta, mat atriplex and broom snake weed

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits. Wild turkeys have moved in and were encountered multiple times.

DWR did not respond with comments / issues

Soil Type and Characteristics

fat , light colored clays soils

Erosion Issues Y

soils are highly eroded

Sedimentation Issues Y

Site Stability Issues N

Drainage Diversion Required? Y

plans show diversion placement

Berm Required? Y

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	75 to 100	10
Distance to Surface Water (feet)		20
Dist. Nearest Municipal Well (ft)	1320 to 5280	5
Distance to Other Wells (feet)		20
Native Soil Type	Mod permeability	10
Fluid Type	Oil Base Mud Fluid	15
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5

Affected Populations

Presence Nearby Utility Conduits Present 15

Final Score 100 1 Sensitivity Level

Characteristics / Requirements

Operator intends to use an oil based drilling mud and is therefore required to use a closed loop system. If a reserve pit and freshwater is used, Pit to be dug to a depth of 8'. Because of the likely hood of disturbance to existing sandstone bedrock , pit underlayment is to be used to protect the liner from potential puncture. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

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

Other Observations / Comments

This is a pad that was previously permitted yet not built. They intend to extend this pad by approximately one more pad built immediately adjacent and connecting. It will have two very large cuttings pits etc.

Chris Jensen
Evaluator

7/25/2013
Date / Time

CONFIDENTIAL

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
8274	43013522970000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Dart Homestead Ranch, Inc.	
Well Name	Ranch 16-10-3-2WH		Unit		
Field	NORTH MYTON BENCH		Type of Work	DRILL	
Location	SWSE 10 3S 2W U 376 FSL 2340 FEL GPS Coord (UTM) 577021E 4453732N				

Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 1,500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 2,200'. A search of Division of Water Rights records shows 23 water wells within a 10,000 foot radius of the center of Section 10. Depth is listed as ranging from 32 to 800 feet. Depths are not listed for 4 wells. Water use is listed as irrigation, stock watering, municipal and domestic use. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Intermediate casing cement should be brought up to or above the estimated base of the moderately saline ground water.

Brad Hill
APD Evaluator

8/7/2013
Date / Time

Surface Statement of Basis

Location is proposed in a good location although outside the spacing window typical of a horizontal well. Access road enters the pad from the east. The landowner was in attendance for the pre-site inspection.

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

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Operator has plans to use a closed loop system an oil based mud not indicated on plans.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location was previously surveyed for cultural and paleontological resources as the operator saw fit. I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. A diversion is to be built sufficient to conduct overland or channel flow according to plans submitted

Chris Jensen
Onsite Evaluator

7/25/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the cuttings pit.
Pits	A closed loop mud circulation system is required for this location.
Surface	Interim reclamation to begin after drilling completion according to plans submitted and surface owner agreements
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/12/2013

API NO. ASSIGNED: 43013522970000

WELL NAME: Ranch 16-10-3-2WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SWSE 10 030S 020W

Permit Tech Review:

SURFACE: 0376 FSL 2340 FEL

Engineering Review:

BOTTOM: 0660 FNL 0660 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.23048

LONGITUDE: -110.09464

UTM SURF EASTINGS: 577021.00

NORTHINGS: 4453732.00

FIELD NAME: NORTH MYTON BENCH

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented

PROPOSED PRODUCING FORMATION(S): UTELAND BUTTE

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - B001834
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-90
- Effective Date: 5/9/2012
- Siting: 4 Prod LGRRV-WSTC Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhill
 5 - Statement of Basis - bhill
 8 - Cement to Surface -- 2 strings - hmacdonald
 12 - Cement Volume (3) - hmacdonald
 27 - Other - dmason
 28 - Other2 - ddoucet



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Ranch 16-10-3-2WH
API Well Number: 43013522970000
Lease Number: Patented
Surface Owner: FEE (PRIVATE)
Approval Date: 10/22/2013

Issued to:

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

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the UTELAND BUTTE 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:

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

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface as indicated in submitted drill plan.

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 7835' MD as indicated in the submitted drilling plan.

Horizontal lateral shall not be completed outside legal setbacks (approximately 9729' measured depth based on submitted directional drilling plan).

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation

- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: UTE TRIBAL 14-10-3-3-2W-UW
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		9. API NUMBER: 43013522970000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0376 FSL 2340 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 03.0S Range: 02.0W Meridian: U		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/15/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield Production Company respectfully requests that the Ranch 16-10-3-2WH (private surface and mineral) be changed from a 640 horizontal lateral well to a 1280 horizontal lateral well and that the well name be changed to the Ute Tribal 14-10-3-3-2W-UW (see attached for details and supplemental information).

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

Date: July 30, 2014
 By: *Don Hamilton*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A	DATE 6/15/2014	



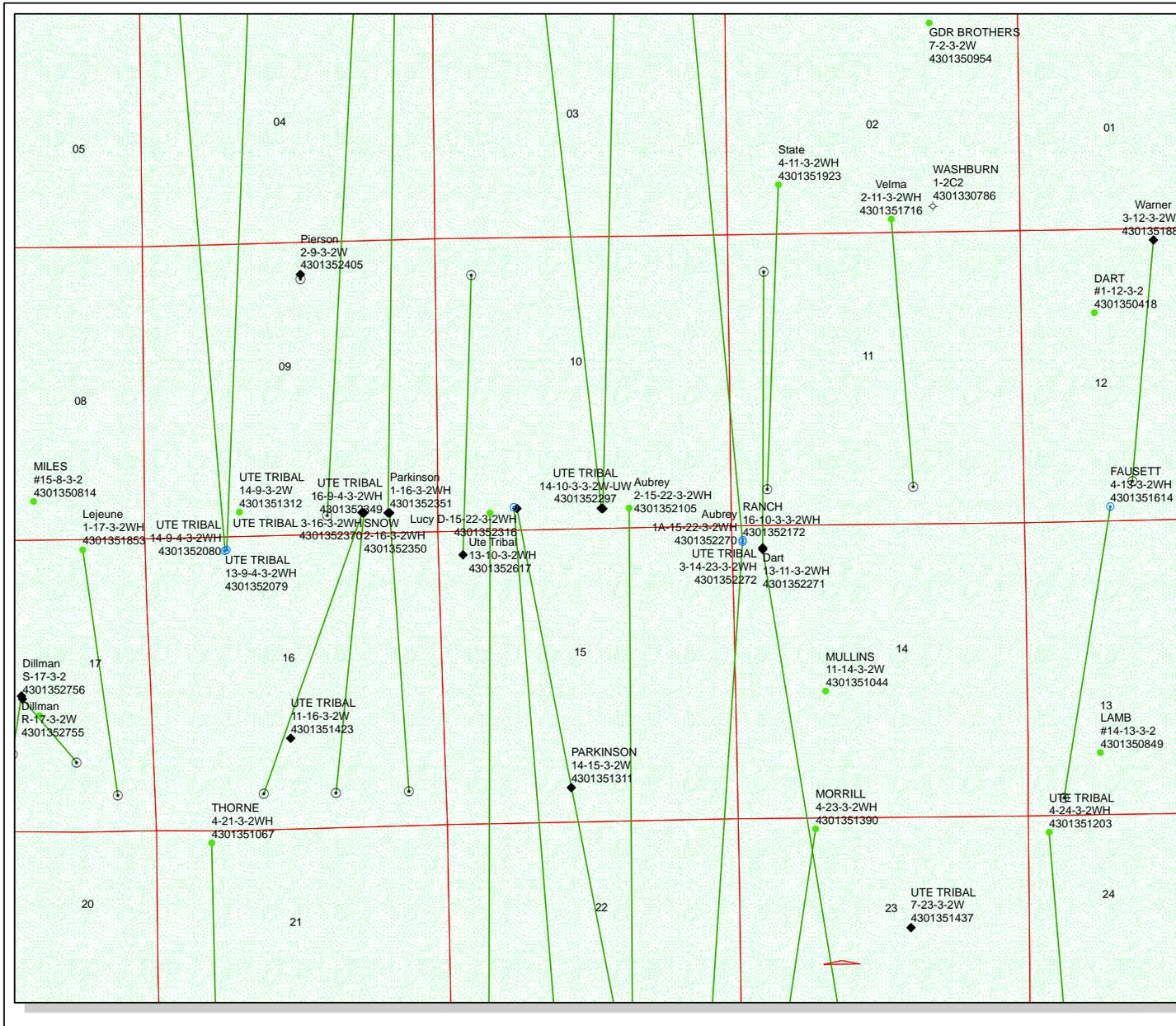
The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013522970000

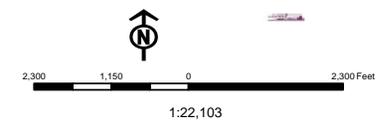
As per the drilling plan, the production casing shall be properly cemented throughout the open portions outside the legal setbacks set forth in Board Cause No. 139-110 and shall not be completed outside of these legal setbacks without further approval (legal setbacks from dx survey indicated between depths of 9676' MD and 18900' MD)



API Number: 4301352297
Well Name: UTE TRIBAL 14-10-3-3-2W-UW
 Township: T03.0S Range: R02.0W Section: 10 Meridian: U
 Operator: NEWFIELD PRODUCTION COMPANY

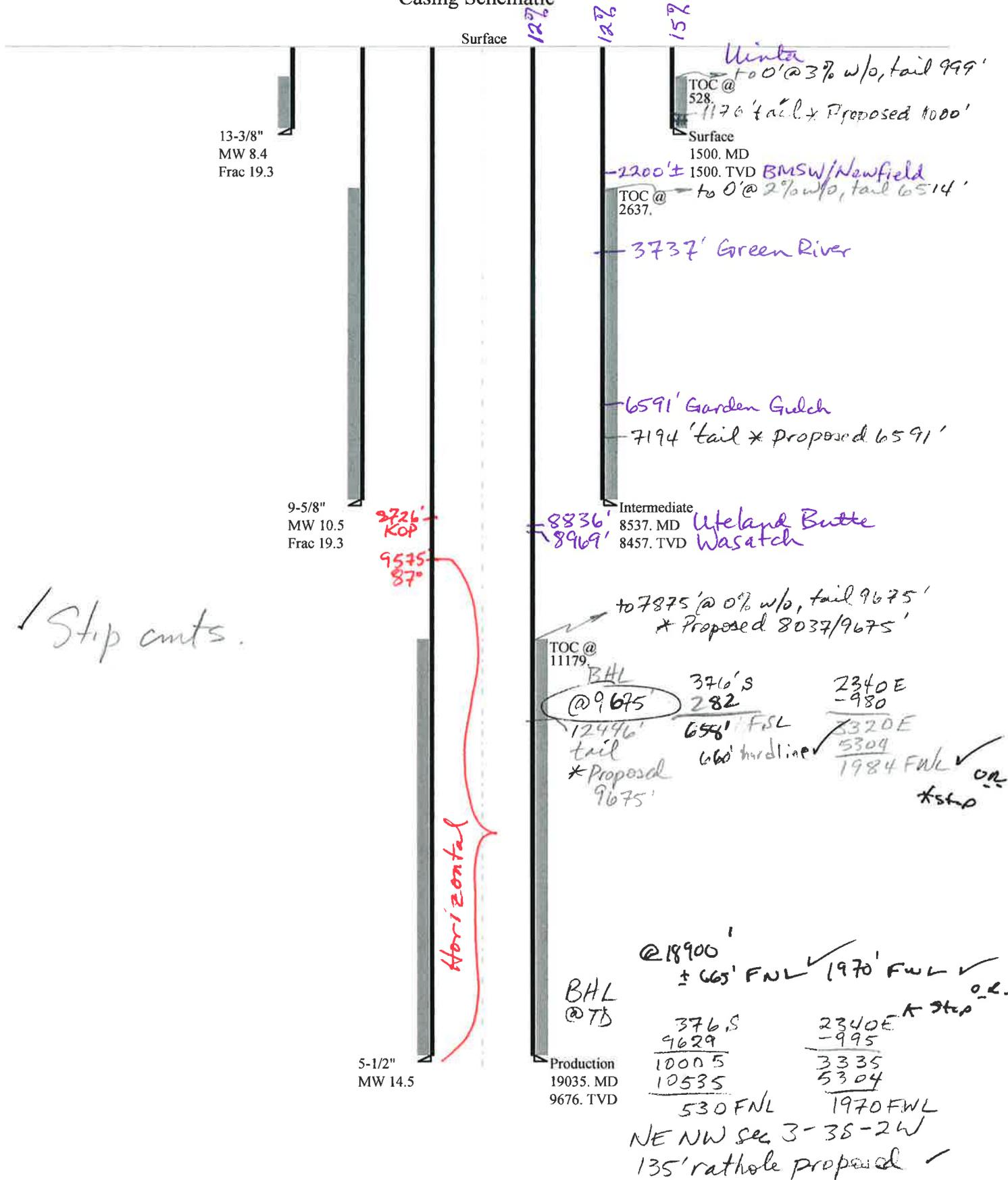
Map Prepared: 6/27/2014
 Map Produced by Diana Mason

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



43013522970000 Ute Tribal 14-10-3-3-2W-UWrev

Casing Schematic



Well name:	43013522970000 Ute Tribal 14-10-3-3-2W-UWrev	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-013-52297
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 95 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 528 ft

Burst

Max anticipated surface pressure: 1,320 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,500 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.

Neutral point: 1,314 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 8,457 ft
Next mud weight: 10.500 ppg
Next setting BHP: 4,613 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,500 ft
Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	13.375	54.50	J-55	ST&C	1500	1500	12.49	18611
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	655	1130	1.727	1500	2730	1.82	71.6	514	7.18 J

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

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

Date: July 28, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013522970000 Ute Tribal 14-10-3-3-2W-UWrev		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Intermediate	Project ID:	43-013-52297
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 10.500 ppg
Internal fluid density: 4.250 ppg

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 192 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 2,637 ft

Burst

Max anticipated surface pressure: 5,160 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,020 psi

Annular backup: 2.85 ppg

Tension:

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

Directional Info - Build & Hold

Kick-off point 2825 ft
Departure at shoe: 934 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 10 °

Tension is based on air weight.

Neutral point: 7,196 ft

Re subsequent strings:

Next setting depth: 9,676 ft
Next mud weight: 14.500 ppg
Next setting BHP: 7,288 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,457 ft
Injection pressure: 8,457 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8537	9.625	40.00	N-80	Buttress	8457	8537	8.75	116238
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2746	3090	1.125	5768	5750	1.00	338.3	916.3	2.71 B

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

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

Date: July 28, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8457 ft, a mud weight of 10.5 ppg. An internal gradient of .221 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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

Well name:	4301352297000 Ute Tribal 14-10-3-3-2W-UWrev	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Production	Project ID: 43-013-52297
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 14.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 209 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 11,179 ft

Burst

Max anticipated surface pressure: 5,160 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,288 psi

No backup mud specified.

Tension:

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

Directional Info - Build & Hold

Kick-off point 2825 ft
Departure at shoe: 9680 ft
Maximum dogleg: 10 °/100ft
Inclination at shoe: 87.04 °

Tension is based on air weight.

Neutral point: 7,618 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	19035	5.5	20.00	P-110	Buttress	9676	19035	4.653	157918
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	7288	11100	1.523	7288	12360	1.70	193.5	641.1	3.31 B

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

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

Date: July 28, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9676 ft, a mud weight of 14.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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

BOPE REVIEW			
Well Name			
Ute Tribal 14-10-3-3-2W-Mwrev API 43-013-52297-0000			
Ute Tribal 14-10-3-3-2W-Mwrev API 43-013-52297-0000			
Casing Size (")	String 1	String 2	String 3
Setting Depth (TVD)	13 3/8	9 5/8	5 1/2
Previous Shoe Setting Depth (TVD)	1500	8457	9376
Max Mud Weight (ppg)	40	1500	8457
BOPE Proposed (psi)	8.4	10.5	14.5
Casing Internal Yield (psi)	500	5000	5000
Operators Max Anticipated Pressure (psi)	2730	5750	12360
	7044		14.4 ppg

Calculations		String 1	13 3/8 "
Max BHP [psi]	.052*Setting Depth*MW =		655
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	475	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	325	YES
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	334	NO
Required Casing/BOPE Test Pressure		1500 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi	*Assumes 1psi/ft frac gradient
BOPE Adequate For Drilling And Setting Casing at Depth?			
Diverter, air and or fresh water system			
*Can Full Expected Pressure Be Held At Previous Shoe?			

Calculations		String 2	9 5/8 "
Max BHP [psi]	.052*Setting Depth*MW =		4618
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3603	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2757	YES
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	3087	NO
Required Casing/BOPE Test Pressure		4025 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		1500 psi	*Assumes 1psi/ft frac gradient
BOPE Adequate For Drilling And Setting Casing at Depth?			
5M BOP, 2 ram preventers, annular preventer, rotating head choke manifold			
*Can Full Expected Pressure Be Held At Previous Shoe?			

Calculations		String 3	5 1/2 "
Max BHP [psi]	.052*Setting Depth*MW =		7070
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	5944	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	5007	NO
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	6867	YES
Required Casing/BOPE Test Pressure		5000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		5750 psi	*Assumes 1psi/ft frac gradient
BOPE Adequate For Drilling And Setting Casing at Depth?			
5M BOP, 2 ram preventers, annular preventer, rotating head choke manifold			
*Can Full Expected Pressure Be Held At Previous Shoe?			

Ute Tribal 14-10-3-3-2W-UW

Newfield Production Company respectfully requests that the Ranch 16-10-3-2WH (private surface and mineral) be changed from a 640 horizontal lateral well to a 1280 horizontal lateral well and that the well name be changed to the Ute Tribal 14-10-3-3-2W-UW. The surface location of the well does not change. Newfield also made very minor changes to the pad layout. The MD will change from 13648' to 19035' and the TVD will change from 9143' to 9676'. Following are the updated locations along the intended well bore path:

- Surface Location: 376' FSL & 2340' FEL of Section 10, T3S, R2W, USB&M, (29.41' move);
- Top of Producing Interval: 660' FSL & 1980' FWL of Section 10, T3S, R2W, USB&M;
- Bottom of Producing Interval: 660' FNL & 1980' FWL of Section 3, T3S, R2W, USB&M;
- Bottom Hole: 525' FNL & 1980' FWL of Section 3, T3S, R2W, USB&M;

Attached please find an updated plat package, drilling plan, horizontal plan, exception letter and lease plat reflecting the changes. Surface use with Dart Homestead Ranch, Inc. remains in place with affidavit also attached.

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

NEWFIELD EXPLORATION COMPANY

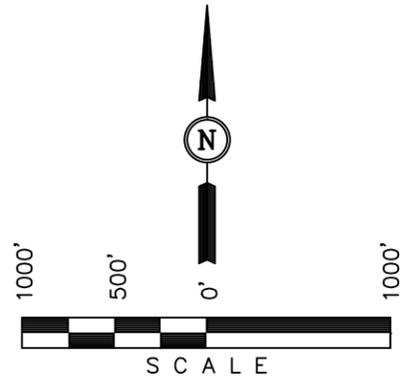
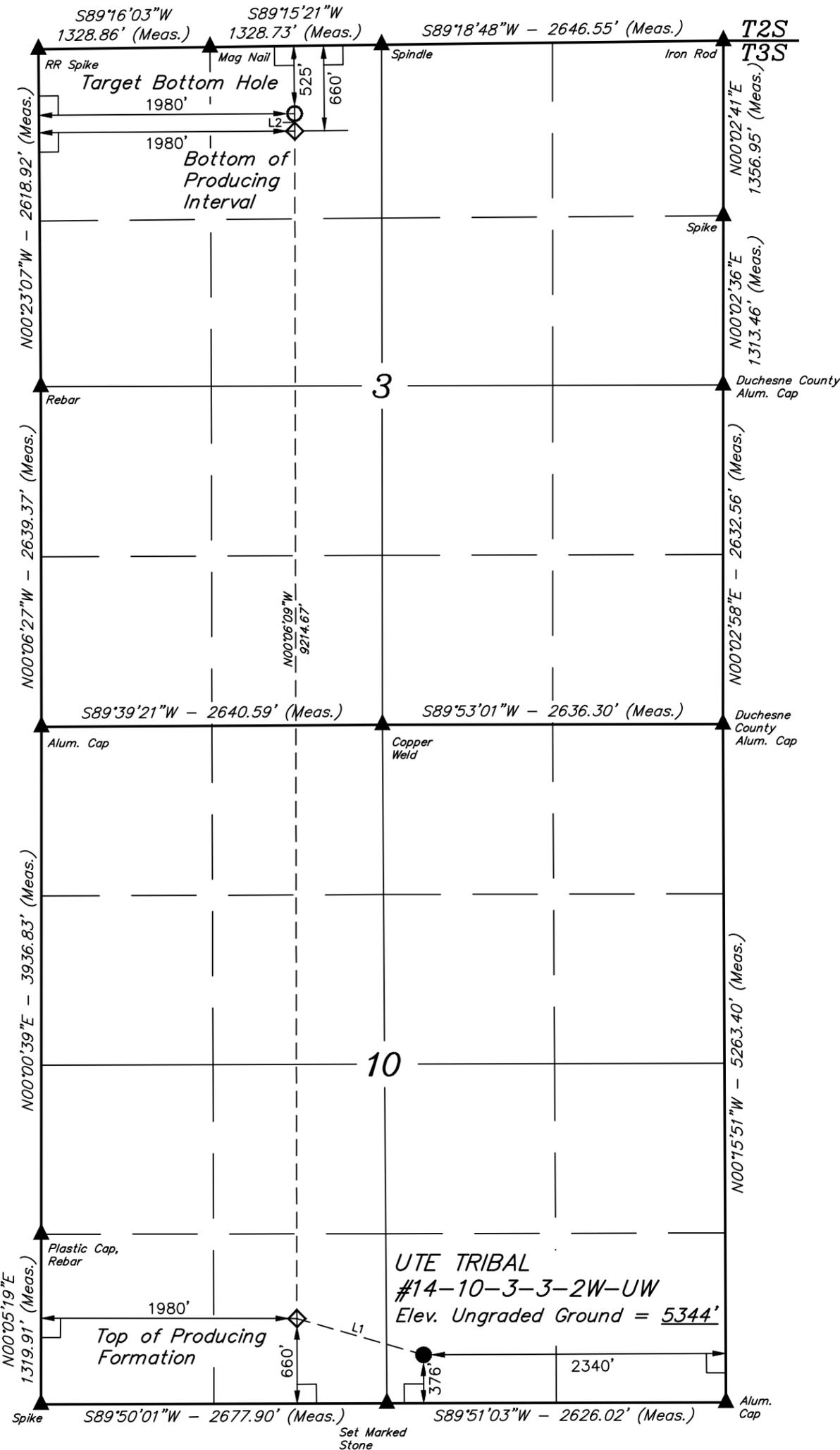
Well location, UTE TRIBAL #14-10-3-3-2W-UW, located as shown in the SW 1/4 SE 1/4 of Section 10, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°13'50.07" (40.230575)	LONGITUDE = 110°05'40.71" (110.094642)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°13'50.22" (40.230617)	LONGITUDE = 110°05'38.17" (110.093936)
NAD 83 (TOP OF PRODUCING FORMATION)	
LATITUDE = 40°13'52.85" (40.231347)	LONGITUDE = 110°05'53.35" (110.098153)
NAD 27 (TOP OF PRODUCING FORMATION)	
LATITUDE = 40°13'53.00" (40.231389)	LONGITUDE = 110°05'50.81" (110.097447)
NAD 83 (BOTTOM OF PRODUCING INTERVAL)	
LATITUDE = 40°15'23.89" (40.256636)	LONGITUDE = 110°05'53.53" (110.098203)
NAD 27 (BOTTOM OF PRODUCING INTERVAL)	
LATITUDE = 40°15'24.04" (40.256678)	LONGITUDE = 110°05'50.99" (110.097497)
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°15'25.22" (40.257006)	LONGITUDE = 110°05'53.54" (110.098206)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 40°15'25.37" (40.257047)	LONGITUDE = 110°05'51.00" (110.097500)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N73°59'41"W	1020.52'
L2	N00°23'07"W	135.00'

CERTIFICATE

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.

REVISED: 05-01-14
 REVISED: 04-18-14
 REVISED: 12-17-13
 REVISED: 11-06-13
 REVISED: 05-02-13

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH



UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-13-12	DATE DRAWN: 11-19-12
PARTY M.A. A.H. S.F.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE NEWFIELD EXPLORATION COMPANY	

Newfield Production Company
14-10-3-3-2W-UW
Surface Hole Location: 376' FSL, 2340' FEL, Section 10, T3S, R2W
Bottom Hole Location: 525' FNL, 1980' FWL, Section 3, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,737'
Garden Gulch	6,591'
Uteland Butte Member	8,836'
Wasatch	8,969'
Lateral TD	9,676' TVD / 19,035' MD

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

Base of moderately saline	2,197'	(water)
Green River	6,591' - 8,969'	(oil)
Wasatch	8,969' - 9,676'	(oil)

3. Pressure Control

Section BOP Description

Surface Diverter

Intermediate The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

Prod/Prod Liner The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 20	0'	60'	--	--	Weld	--	--	--	--	--	--
Surface 13 3/8	0'	1,500'	54.5	J-55	STC	8.33	8.4	14	2,730	1,130	514,000
Intrm Drilling 9 5/8	0'	8,458' 8,537'	40	N-80	BTC	10	10.5	16	2.89	2.63	6.29
Production 5 1/2	0'	9,676' 19,035'	20	P-110	BTC	14	14.5	17	5,750	3,090	916,000
									1.31	1.34	2.71
									12,360	11,080	641,000
									2.21	1.90	1.68

Assumptions:

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

Intermediate casing drilling MASP = 0.5 ppg gas kick with a 70 bbl gain and frac at the shoe with a 1 ppg safety factor

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

Intermediate collapse calculations assume 50% evacuated

Maximum intermediate csg collapse load assumes loss of mud to a fluid level of 4,229'

Intermediate csg run from surface to 8,458' and will not experience full evacuation

Production csg run from surface to TD will isolate intermediate csg from production loads

Production csg withstands burst and collapse loads for anticipated production conditions

Surface & production collapse calcs assume fully evacuated casing w/ a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.15 psi/ft

All casing shall be new.

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

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	24	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	66	15%	15.8	1.17
				57			
Surface Lead	17 1/2	1,000'	Varicem (Type III) + .125 lbs/sk Cello Flakes	799	15%	11.0	3.33
				240			
Surface Tail	17 1/2	500'	Varicem (Type III) + .125 lbs/sk Cello Flakes	399	15%	13.0	1.9
				210			
Intermediate Lead	12 1/4	6,591'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2374	15%	11.0	3.53
				673			
Intermediate Tail	12 1/4	1,946'	50/50 Poz/Class G + 1% bentonite	701	15%	14.0	1.29
				543			
Production Lead	8 3/4	1,638'	Elastiseal Unfoamed	455	10%	17.3	1.84
				247			
Production Tail	8 3/4	9,360'	Elastiseal Foamed	2365	0%	14.5 - 17.3	1.84
				1285			

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

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log or gauge hole if logs are not ran, plus 15% excess.

The 5.5" production string will be run from surface to TD and cemented to setback. The cement slurries will be adjusted for hole conditions and blend test results. The lateral will be cemented past the setback.

The wellbore will cross the heel setback @ 9,675' MD

The first perforation will be within 18,900' MD

Per the directional plan, the bore hole will be drilled 135' past the toe setback for the rat hole and shoe track. This well will not be perforated or produced outside the legal setbacks.

6. Type and Characteristics of Proposed Circulating Medium**Interval****Description**

Surface - 1,500'

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

1,500' - 8,537' 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 10.5 ppg.

8,537' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells: A water based mud: 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.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. The cuttings will be mixed with fly ash prior to transportation to a location on Newfield owned surface. Once on Newfield owned surface, the cuttings will be treated with the previously approved FIRMUS process and used as a construction material on future location and/or roads on Newfield owned surface. The cuttings may also be transported to a state approved disposal facility.

Anticipated maximum mud weight is 14.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log may be run from KOP to the base of the surface casing. An azimuthal gamma ray LWD log will be run from the shoe of the intermediate casing to TD. A cement bond log will be run from KOP to the cement top behind the production casing and or intermediate 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 0.73 psi/ft gradient.

$$9,676' \times 0.73 \text{ psi/ft} = 7044.1 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

The lateral of this well will target the Wasatch formation

After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 8,667'

Directional tools will then be used to build to 87.04 degrees inclination.

The lateral will be drilled to the bottomhole location shown on the plat. A 5-1/2" longstring will be run from surface to TD and cemented in place.

Newfield requests the following variances from Onshore Order #2:

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

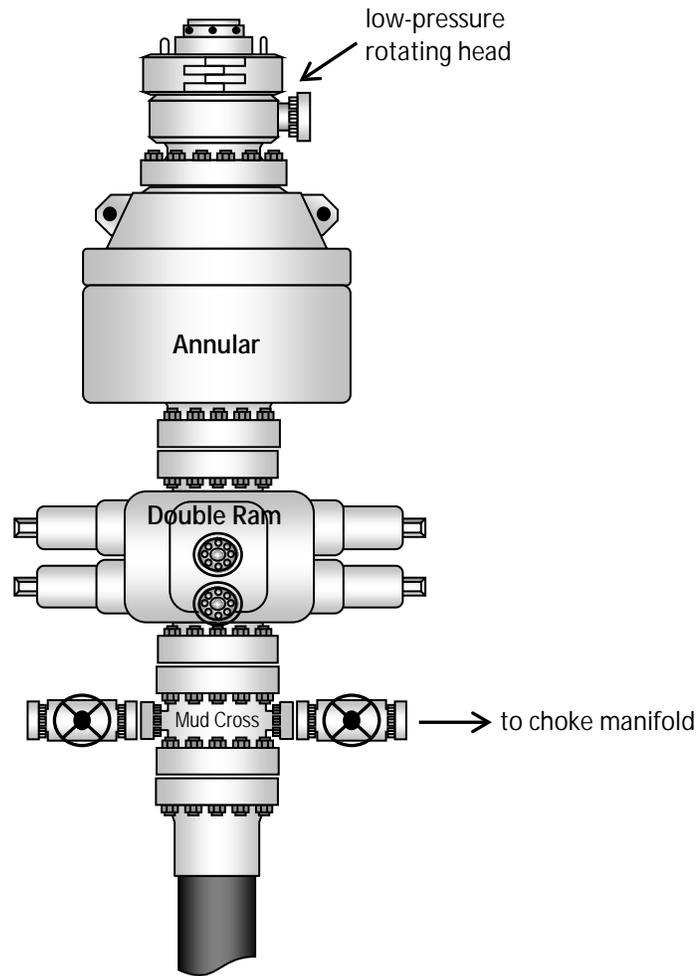
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used and If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

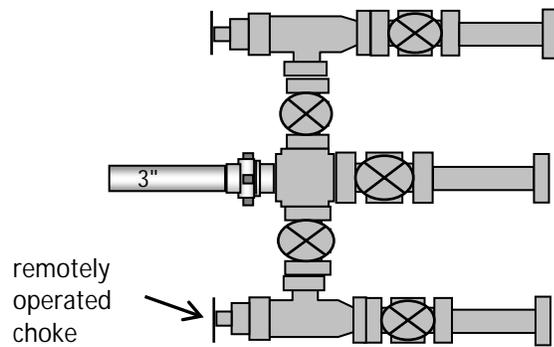
Water flows in the surface hole are likely. If the water flow is less than 400 bbls/hr, the well will be allowed to flow until the surface casing point is reached and water will be hauled off location. If the water flow is greater than 400 bbls/hr, the water flow will be controlled with kill weight mud which will be maintained until TD. In both situations, the cement density will be adjusted to meet or exceed the mud weight needed to kill the water flow and the well will be shut in once cement is in place. If cement fails to reach the surface or falls back, a top job will be performed to bring cement to surface. Any water flows will be sampled and tested and results will be sent to UDOGM.

A diverter will be used to drill the surface hole interval.

Typical 5M BOP stack configuration

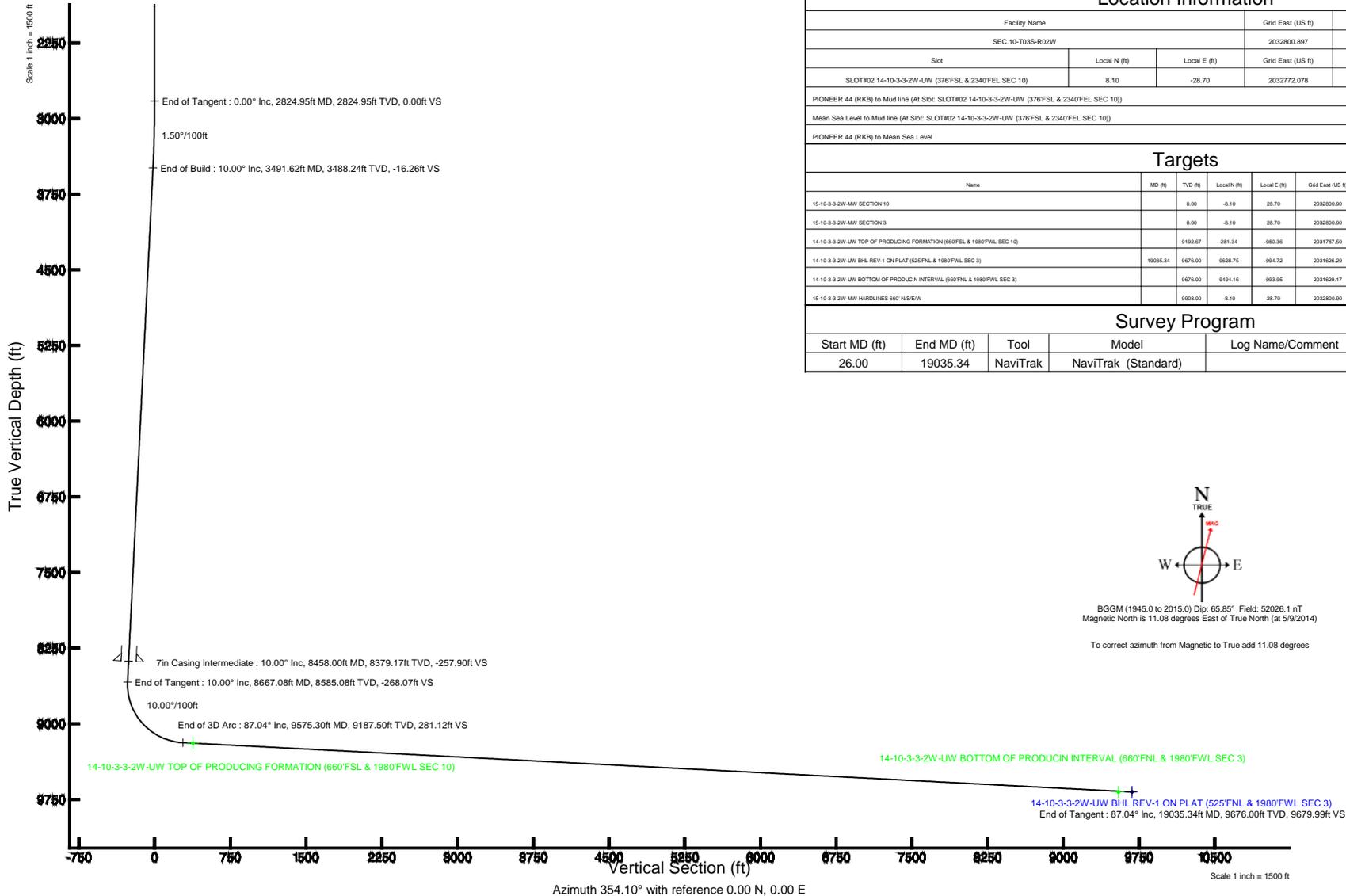


Typical 5M choke manifold configuration



NEWFIELD PRODUCTION COMPANY

Location: UTAH Slot: SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
 Field: DUCHESNE COUNTY Well: 14-10-3-3-2W-UW
 Facility: SEC.10-T03S-R02W Wellbore: 14-10-3-3-2W-UW PWB



Plot reference wellpath is 14-10-3-3-2W-UW REV-A.0 PWP

True vertical depths are referenced to PIONEER 44 (RKB)	Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet
Measured depths are referenced to PIONEER 44 (RKB)	North Reference: True north
PIONEER 44 (RKB) to Mean Sea Level: 5369 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: wagnjam on 5/13/2014

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	26.00	0.000	247.830	26.00	0.00	0.00	0.00	0.00
End of Tangent	2824.95	0.000	247.830	2824.95	0.00	0.00	0.00	0.00
End of Build	3491.62	10.000	247.830	3488.24	-21.90	-53.74	1.50	-16.26
End of Tangent	8667.08	10.000	247.830	8585.08	-361.03	-886.01	0.00	-268.07
End of 3D Arc	9575.30	87.040	359.913	9187.50	181.34	-980.36	10.00	281.12
End of Tangent	19035.34	87.040	359.913	9676.00	9628.75	-994.72	0.00	9679.99

Location Information

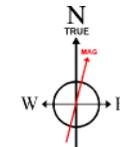
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude		
SEC.10-T03S-R02W	2032800.897	7255787.977	40°13'49.990"N	110°05'40.340"W		
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)	8.10	-28.70	2032772.078	7255795.620	40°13'50.070"N	110°05'40.710"W
PIONEER 44 (RKB) to Mud line (At Slot: SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10))	5369ft					
Mean Sea Level to Mud line (At Slot: SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10))	0ft					
PIONEER 44 (RKB) to Mean Sea Level	5369ft					

Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
15-10-3-3-2W MMV SECTION 10		0.00	-8.10	28.70	2032800.90	7255787.98	40°13'49.990"N	110°05'40.340"W
15-10-3-3-2W MMV SECTION 3		0.00	-8.10	28.70	2032800.90	7255787.98	40°13'49.990"N	110°05'40.340"W
14-10-3-3-2W UW TOP OF PRODUCING FORMATION (660'FSL & 1980'FWL SEC 10)		9192.67	281.34	-980.36	2031787.50	7256061.50	40°13'52.860"N	110°05'53.360"W
14-10-3-3-2W UW BHL REV-1 ON PLAT (525'FSL & 1980'FWL SEC 3)	19035.34	9676.00	9628.75	-994.72	2031628.29	7256406.79	40°15'25.220"N	110°05'53.540"W
14-10-3-3-2W UW BOTTOM OF PRODUCIN INTERVAL (660'FSL & 1980'FWL SEC 3)		9676.00	9494.16	-993.95	2031629.17	7256272.23	40°15'23.890"N	110°05'53.530"W
15-10-3-3-2W MMV HAROLINES 660' N/SEW		9008.00	-8.10	28.70	2032800.90	7255787.98	40°13'49.990"N	110°05'40.340"W

Survey Program

Start MD (ft)	End MD (ft)	Tool	Model	Log Name/Comment	Wellbore
26.00	19035.34	NaviTrak	NaviTrak (Standard)		14-10-3-3-2W-UW PWB



BGGM (1945.0 to 2015.0) Dip: 65.85° Field: 52026.1 nT
 Magnetic North is 11.08 degrees East of True North (at 5/9/2014)

To correct azimuth from Magnetic to True add 11.08 degrees

14-10-3-3-2W-UW BHL REV-1 ON PLAT (525'FSL & 1980'FWL SEC 3)
 End of Tangent : 87.04° Inc, 19035.34ft MD, 9676.00ft TVD, 9679.99ft VS

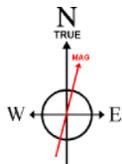
NEWFIELD PRODUCTION COMPANY

Location: UTAH Slot: SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
 Field: DUCHESNE COUNTY Well: 14-10-3-3-2W-MW
 Facility: SEC.10-T03S-R02W Wellbore: 14-10-3-3-2W-MW PWB

Plot reference wellpath is 14-10-3-3-2W-UW REV-A.0 PWP

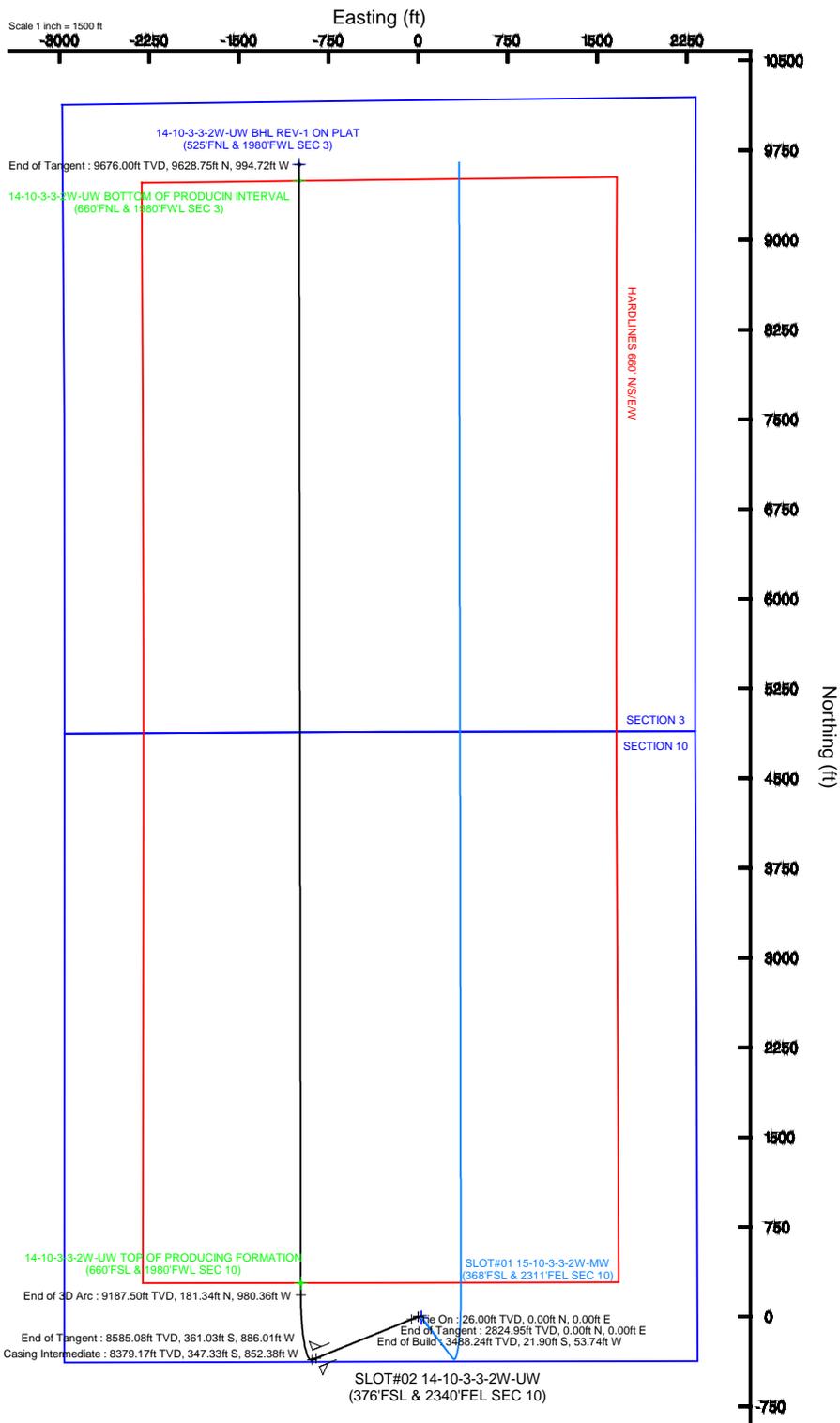
True vertical depths are referenced to PIONEER 44 (RKB)	Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet
Measured depths are referenced to PIONEER 44 (RKB)	North Reference: True north
PIONEER 44 (RKB) to Mean Sea Level: 5389 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: wasgpm on 6/13/2014

Wellpath Comments							
MD (ft)	X (ft)	Y (ft)	TVD (ft)	Inclination (°)	Azimuth (°)	VS (ft)	Comment
2197.00	0.00	0.00	2197.00	0.000	247.830	0.00	USABLE WATER
3742.19	-94.03	-38.32	3735.00	10.000	247.830	-28.45	GREEN RIVER FORMATION
5754.76	-417.68	-170.20	5717.00	10.000	247.830	-126.37	MAHOAGANY BENCH
7775.46	-742.63	-302.61	7707.00	10.000	247.830	-224.69	DOUGLAS CREEK MEMBER
8487.27	-857.09	-349.25	8408.00	10.000	247.830	-259.33	LOWER BLACK SHALE
8607.10	-876.36	-357.10	8526.00	10.000	247.830	-265.16	CASTLE PEAK LIMESTONE
8757.28	-900.48	-359.85	8674.00	10.598	299.911	-265.41	CP LIMES
8909.42	-924.02	-326.06	8820.00	22.328	337.039	-229.38	UTELAND BUTTE
9067.60	-945.81	-251.10	8957.00	37.235	348.024	-152.58	WASATCH
9382.36	-974.89	-6.08	9146.00	68.012	356.625	94.14	WASATCH 10 TARGET



BGGM (1945.0 to 2015.0) Dip: 65.85° Field: 52026.1 nT
 Magnetic North is 11.08 degrees East of True North (at 5/9/2014)

To correct azimuth from Magnetic to True add 11.08 degrees



NEWFIELD**Planned Wellpath Report**

14-10-3-3-2W-UW REV-A.0 PWP

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 4.0.0
North Reference	True	User	Wagnjam
Scale	0.999923	Report Generated	5/13/2014 at 2:39:23 PM
Convergence at slot	n/a	Database/Source file	WA_Denver/14-10-3-3-2W-UW_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	8.10	-28.70	2032772.08	7255795.62	40°13'50.070"N	110°05'40.710"W
Facility Reference Pt			2032800.90	7255787.98	40°13'49.990"N	110°05'40.340"W
Field Reference Pt			1997327.35	7254397.58	40°13'41.510"N	110°13'17.950"W

WELLPATH DATUM

Calculation method	Minimum curvature	PIONEER 44 (RKB) to Facility Vertical Datum	5369.00ft
Horizontal Reference Pt	Slot	PIONEER 44 (RKB) to Mean Sea Level	5369.00ft
Vertical Reference Pt	PIONEER 44 (RKB)	PIONEER 44 (RKB) to Mud Line at Slot (SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10))	5369.00ft
MD Reference Pt	PIONEER 44 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	354.10°

NEWFIELD**Planned Wellpath Report**

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**BAKER
HUGHES****REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

WELLPATH DATA (207 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	247.830	0.00	0.00	0.00	0.00	0.00	
26.00	0.000	247.830	26.00	0.00	0.00	0.00	0.00	Tie On
126.00†	0.000	247.830	126.00	0.00	0.00	0.00	0.00	
226.00†	0.000	247.830	226.00	0.00	0.00	0.00	0.00	
326.00†	0.000	247.830	326.00	0.00	0.00	0.00	0.00	
426.00†	0.000	247.830	426.00	0.00	0.00	0.00	0.00	
526.00†	0.000	247.830	526.00	0.00	0.00	0.00	0.00	
626.00†	0.000	247.830	626.00	0.00	0.00	0.00	0.00	
726.00†	0.000	247.830	726.00	0.00	0.00	0.00	0.00	
826.00†	0.000	247.830	826.00	0.00	0.00	0.00	0.00	
926.00†	0.000	247.830	926.00	0.00	0.00	0.00	0.00	
1026.00†	0.000	247.830	1026.00	0.00	0.00	0.00	0.00	
1126.00†	0.000	247.830	1126.00	0.00	0.00	0.00	0.00	
1226.00†	0.000	247.830	1226.00	0.00	0.00	0.00	0.00	
1326.00†	0.000	247.830	1326.00	0.00	0.00	0.00	0.00	
1426.00†	0.000	247.830	1426.00	0.00	0.00	0.00	0.00	
1526.00†	0.000	247.830	1526.00	0.00	0.00	0.00	0.00	
1626.00†	0.000	247.830	1626.00	0.00	0.00	0.00	0.00	
1726.00†	0.000	247.830	1726.00	0.00	0.00	0.00	0.00	
1826.00†	0.000	247.830	1826.00	0.00	0.00	0.00	0.00	
1926.00†	0.000	247.830	1926.00	0.00	0.00	0.00	0.00	
2026.00†	0.000	247.830	2026.00	0.00	0.00	0.00	0.00	
2126.00†	0.000	247.830	2126.00	0.00	0.00	0.00	0.00	
2197.00†	0.000	247.830	2197.00	0.00	0.00	0.00	0.00	USABLE WATER
2226.00†	0.000	247.830	2226.00	0.00	0.00	0.00	0.00	
2326.00†	0.000	247.830	2326.00	0.00	0.00	0.00	0.00	
2426.00†	0.000	247.830	2426.00	0.00	0.00	0.00	0.00	
2526.00†	0.000	247.830	2526.00	0.00	0.00	0.00	0.00	
2626.00†	0.000	247.830	2626.00	0.00	0.00	0.00	0.00	
2726.00†	0.000	247.830	2726.00	0.00	0.00	0.00	0.00	

NEWFIELD**Planned Wellpath Report**

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

WELLPATH DATA (207 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2824.95	0.000	247.830	2824.95	0.00	0.00	0.00	0.00	End of Tangent
2826.00†	0.016	247.830	2826.00	0.00	0.00	0.00	1.50	
2926.00†	1.516	247.830	2925.99	-0.37	-0.50	-1.24	1.50	
3026.00†	3.016	247.830	3025.91	-1.48	-2.00	-4.90	1.50	
3126.00†	4.516	247.830	3125.69	-3.32	-4.47	-10.98	1.50	
3226.00†	6.016	247.830	3225.26	-5.89	-7.94	-19.48	1.50	
3326.00†	7.516	247.830	3324.56	-9.19	-12.38	-30.39	1.50	
3426.00†	9.016	247.830	3423.52	-13.22	-17.81	-43.70	1.50	
3491.62	10.000	247.830	3488.24	-16.26	-21.90	-53.74	1.50	End of Build
3526.00†	10.000	247.830	3522.10	-17.93	-24.15	-59.27	0.00	
3626.00†	10.000	247.830	3620.58	-22.80	-30.70	-75.35	0.00	
3726.00†	10.000	247.830	3719.06	-27.66	-37.26	-91.43	0.00	
3742.19†	10.000	247.830	3735.00	-28.45	-38.32	-94.03	0.00	GREEN RIVER FORMATION
3826.00†	10.000	247.830	3817.54	-32.53	-43.81	-107.51	0.00	
3926.00†	10.000	247.830	3916.02	-37.39	-50.36	-123.59	0.00	
4026.00†	10.000	247.830	4014.50	-42.26	-56.91	-139.67	0.00	
4126.00†	10.000	247.830	4112.98	-47.13	-63.47	-155.75	0.00	
4226.00†	10.000	247.830	4211.46	-51.99	-70.02	-171.84	0.00	
4326.00†	10.000	247.830	4309.94	-56.86	-76.57	-187.92	0.00	
4426.00†	10.000	247.830	4408.43	-61.72	-83.13	-204.00	0.00	
4526.00†	10.000	247.830	4506.91	-66.59	-89.68	-220.08	0.00	
4626.00†	10.000	247.830	4605.39	-71.45	-96.23	-236.16	0.00	
4726.00†	10.000	247.830	4703.87	-76.32	-102.78	-252.24	0.00	
4826.00†	10.000	247.830	4802.35	-81.18	-109.34	-268.32	0.00	
4926.00†	10.000	247.830	4900.83	-86.05	-115.89	-284.40	0.00	
5026.00†	10.000	247.830	4999.31	-90.92	-122.44	-300.48	0.00	
5126.00†	10.000	247.830	5097.79	-95.78	-128.99	-316.57	0.00	
5226.00†	10.000	247.830	5196.27	-100.65	-135.55	-332.65	0.00	
5326.00†	10.000	247.830	5294.75	-105.51	-142.10	-348.73	0.00	
5426.00†	10.000	247.830	5393.23	-110.38	-148.65	-364.81	0.00	

NEWFIELD**Planned Wellpath Report**

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

WELLPATH DATA (207 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5526.00†	10.000	247.830	5491.71	-115.24	-155.21	-380.89	0.00	
5626.00†	10.000	247.830	5590.19	-120.11	-161.76	-396.97	0.00	
5726.00†	10.000	247.830	5688.68	-124.97	-168.31	-413.05	0.00	
5754.76†	10.000	247.830	5717.00	-126.37	-170.20	-417.68	0.00	MAHOGANY BENCH
5826.00†	10.000	247.830	5787.16	-129.84	-174.86	-429.13	0.00	
5926.00†	10.000	247.830	5885.64	-134.71	-181.42	-445.21	0.00	
6026.00†	10.000	247.830	5984.12	-139.57	-187.97	-461.29	0.00	
6126.00†	10.000	247.830	6082.60	-144.44	-194.52	-477.38	0.00	
6226.00†	10.000	247.830	6181.08	-149.30	-201.07	-493.46	0.00	
6326.00†	10.000	247.830	6279.56	-154.17	-207.63	-509.54	0.00	
6426.00†	10.000	247.830	6378.04	-159.03	-214.18	-525.62	0.00	
6526.00†	10.000	247.830	6476.52	-163.90	-220.73	-541.70	0.00	
6626.00†	10.000	247.830	6575.00	-168.76	-227.29	-557.78	0.00	
6726.00†	10.000	247.830	6673.48	-173.63	-233.84	-573.86	0.00	
6826.00†	10.000	247.830	6771.96	-178.50	-240.39	-589.94	0.00	
6926.00†	10.000	247.830	6870.44	-183.36	-246.94	-606.02	0.00	
7026.00†	10.000	247.830	6968.93	-188.23	-253.50	-622.10	0.00	
7126.00†	10.000	247.830	7067.41	-193.09	-260.05	-638.19	0.00	
7226.00†	10.000	247.830	7165.89	-197.96	-266.60	-654.27	0.00	
7326.00†	10.000	247.830	7264.37	-202.82	-273.15	-670.35	0.00	
7426.00†	10.000	247.830	7362.85	-207.69	-279.71	-686.43	0.00	
7526.00†	10.000	247.830	7461.33	-212.55	-286.26	-702.51	0.00	
7626.00†	10.000	247.830	7559.81	-217.42	-292.81	-718.59	0.00	
7726.00†	10.000	247.830	7658.29	-222.29	-299.37	-734.67	0.00	
7775.46†	10.000	247.830	7707.00	-224.69	-302.61	-742.63	0.00	DOUGLAS CREEK MEMBER
7826.00†	10.000	247.830	7756.77	-227.15	-305.92	-750.75	0.00	
7926.00†	10.000	247.830	7855.25	-232.02	-312.47	-766.83	0.00	
8026.00†	10.000	247.830	7953.73	-236.88	-319.02	-782.91	0.00	
8126.00†	10.000	247.830	8052.21	-241.75	-325.58	-799.00	0.00	
8226.00†	10.000	247.830	8150.69	-246.61	-332.13	-815.08	0.00	

NEWFIELD**Planned Wellpath Report**

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REFERENCE WELLPATH IDENTIFICATION			
Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

WELLPATH DATA (207 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8326.00†	10.000	247.830	8249.18	-251.48	-338.68	-831.16	0.00	
8426.00†	10.000	247.830	8347.66	-256.34	-345.23	-847.24	0.00	
8487.27†	10.000	247.830	8408.00	-259.33	-349.25	-857.09	0.00	LOWER BLACK SHALE
8526.00†	10.000	247.830	8446.14	-261.21	-351.79	-863.32	0.00	
8607.10†	10.000	247.830	8526.00	-265.16	-357.10	-876.36	0.00	CASTLE PEAK LIMESTONE
8626.00†	10.000	247.830	8544.62	-266.07	-358.34	-879.40	0.00	
8667.08	10.000	247.830	8585.08	-268.07	-361.03	-886.01	0.00	End of Tangent
8726.00†	9.475	283.076	8643.20	-267.93	-361.87	-895.48	10.00	
8757.28†	10.598	299.911	8674.00	-265.41	-359.85	-900.48	10.00	CP LIMES
8826.00†	15.165	323.470	8741.02	-253.96	-349.46	-911.32	10.00	
8909.42†	22.328	337.039	8820.00	-229.38	-326.06	-924.02	10.00	UTELAND BUTTE
8926.00†	23.841	338.774	8835.25	-223.14	-320.04	-926.46	10.00	
9026.00†	33.241	346.010	8923.03	-176.40	-274.49	-940.44	10.00	
9067.60†	37.235	348.024	8957.00	-152.58	-251.10	-945.81	10.00	WASATCH
9126.00†	42.890	350.300	9001.68	-115.15	-214.20	-952.83	10.00	
9226.00†	52.649	353.257	9068.82	-41.27	-141.00	-963.26	10.00	
9326.00†	62.465	355.526	9122.40	43.01	-57.11	-971.40	10.00	
9382.36†	68.012	356.625	9146.00	94.14	-6.08	-974.89	10.00	WASATCH 10 TARGET
9426.00†	72.312	357.419	9160.81	135.13	34.91	-977.02	10.00	
9526.00†	82.175	359.113	9182.86	232.27	132.27	-979.94	10.00	
9575.30	87.040	359.913	9187.50 [†]	281.12	181.34	-980.36	10.00	End of 3D Arc
9626.00†	87.040	359.913	9190.11	331.49	231.97	-980.43	0.00	
9726.00†	87.040	359.913	9195.28	430.85	331.84	-980.59	0.00	
9826.00†	87.040	359.913	9200.44	530.20	431.70	-980.74	0.00	
9926.00†	87.040	359.913	9205.60	629.55	531.57	-980.89	0.00	
10026.00†	87.040	359.913	9210.77	728.91	631.44	-981.04	0.00	
10126.00†	87.040	359.913	9215.93	828.26	731.30	-981.19	0.00	
10226.00†	87.040	359.913	9221.10	927.61	831.17	-981.35	0.00	
10326.00†	87.040	359.913	9226.26	1026.97	931.04	-981.50	0.00	
10426.00†	87.040	359.913	9231.42	1126.32	1030.90	-981.65	0.00	

NEWFIELD**Planned Wellpath Report**

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

WELLPATH DATA (207 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
10526.00†	87.040	359.913	9236.59	1225.67	1130.77	-981.80	0.00	
10626.00†	87.040	359.913	9241.75	1325.03	1230.64	-981.95	0.00	
10726.00†	87.040	359.913	9246.92	1424.38	1330.50	-982.10	0.00	
10826.00†	87.040	359.913	9252.08	1523.73	1430.37	-982.26	0.00	
10926.00†	87.040	359.913	9257.24	1623.09	1530.24	-982.41	0.00	
11026.00†	87.040	359.913	9262.41	1722.44	1630.10	-982.56	0.00	
11126.00†	87.040	359.913	9267.57	1821.79	1729.97	-982.71	0.00	
11226.00†	87.040	359.913	9272.74	1921.15	1829.84	-982.86	0.00	
11326.00†	87.040	359.913	9277.90	2020.50	1929.70	-983.02	0.00	
11426.00†	87.040	359.913	9283.06	2119.85	2029.57	-983.17	0.00	
11526.00†	87.040	359.913	9288.23	2219.21	2129.43	-983.32	0.00	
11626.00†	87.040	359.913	9293.39	2318.56	2229.30	-983.47	0.00	
11726.00†	87.040	359.913	9298.55	2417.92	2329.17	-983.62	0.00	
11826.00†	87.040	359.913	9303.72	2517.27	2429.03	-983.78	0.00	
11926.00†	87.040	359.913	9308.88	2616.62	2528.90	-983.93	0.00	
12026.00†	87.040	359.913	9314.05	2715.98	2628.77	-984.08	0.00	
12126.00†	87.040	359.913	9319.21	2815.33	2728.63	-984.23	0.00	
12226.00†	87.040	359.913	9324.37	2914.68	2828.50	-984.38	0.00	
12326.00†	87.040	359.913	9329.54	3014.04	2928.37	-984.53	0.00	
12426.00†	87.040	359.913	9334.70	3113.39	3028.23	-984.69	0.00	
12526.00†	87.040	359.913	9339.87	3212.74	3128.10	-984.84	0.00	
12626.00†	87.040	359.913	9345.03	3312.10	3227.97	-984.99	0.00	
12726.00†	87.040	359.913	9350.19	3411.45	3327.83	-985.14	0.00	
12826.00†	87.040	359.913	9355.36	3510.80	3427.70	-985.29	0.00	
12926.00†	87.040	359.913	9360.52	3610.16	3527.57	-985.45	0.00	
13026.00†	87.040	359.913	9365.69	3709.51	3627.43	-985.60	0.00	
13126.00†	87.040	359.913	9370.85	3808.86	3727.30	-985.75	0.00	
13226.00†	87.040	359.913	9376.01	3908.22	3827.16	-985.90	0.00	
13326.00†	87.040	359.913	9381.18	4007.57	3927.03	-986.05	0.00	
13426.00†	87.040	359.913	9386.34	4106.92	4026.90	-986.20	0.00	

NEWFIELD**Planned Wellpath Report**

14-10-3-3-2W-UW REV-A.0 PWP

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

WELLPATH DATA (207 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
13526.00†	87.040	359.913	9391.50	4206.28	4126.76	-986.36	0.00	
13626.00†	87.040	359.913	9396.67	4305.63	4226.63	-986.51	0.00	
13726.00†	87.040	359.913	9401.83	4404.98	4326.50	-986.66	0.00	
13826.00†	87.040	359.913	9407.00	4504.34	4426.36	-986.81	0.00	
13926.00†	87.040	359.913	9412.16	4603.69	4526.23	-986.96	0.00	
14026.00†	87.040	359.913	9417.32	4703.04	4626.10	-987.12	0.00	
14126.00†	87.040	359.913	9422.49	4802.40	4725.96	-987.27	0.00	
14226.00†	87.040	359.913	9427.65	4901.75	4825.83	-987.42	0.00	
14326.00†	87.040	359.913	9432.82	5001.10	4925.70	-987.57	0.00	
14426.00†	87.040	359.913	9437.98	5100.46	5025.56	-987.72	0.00	
14526.00†	87.040	359.913	9443.14	5199.81	5125.43	-987.87	0.00	
14626.00†	87.040	359.913	9448.31	5299.16	5225.30	-988.03	0.00	
14726.00†	87.040	359.913	9453.47	5398.52	5325.16	-988.18	0.00	
14826.00†	87.040	359.913	9458.63	5497.87	5425.03	-988.33	0.00	
14926.00†	87.040	359.913	9463.80	5597.22	5524.89	-988.48	0.00	
15026.00†	87.040	359.913	9468.96	5696.58	5624.76	-988.63	0.00	
15126.00†	87.040	359.913	9474.13	5795.93	5724.63	-988.79	0.00	
15226.00†	87.040	359.913	9479.29	5895.28	5824.49	-988.94	0.00	
15326.00†	87.040	359.913	9484.45	5994.64	5924.36	-989.09	0.00	
15426.00†	87.040	359.913	9489.62	6093.99	6024.23	-989.24	0.00	
15526.00†	87.040	359.913	9494.78	6193.34	6124.09	-989.39	0.00	
15626.00†	87.040	359.913	9499.95	6292.70	6223.96	-989.55	0.00	
15726.00†	87.040	359.913	9505.11	6392.05	6323.83	-989.70	0.00	
15826.00†	87.040	359.913	9510.27	6491.40	6423.69	-989.85	0.00	
15926.00†	87.040	359.913	9515.44	6590.76	6523.56	-990.00	0.00	
16026.00†	87.040	359.913	9520.60	6690.11	6623.43	-990.15	0.00	
16126.00†	87.040	359.913	9525.77	6789.46	6723.29	-990.30	0.00	
16226.00†	87.040	359.913	9530.93	6888.82	6823.16	-990.46	0.00	
16326.00†	87.040	359.913	9536.09	6988.17	6923.03	-990.61	0.00	
16426.00†	87.040	359.913	9541.26	7087.52	7022.89	-990.76	0.00	

NEWFIELD**Planned Wellpath Report**

14-10-3-3-2W-UW REV-A.0 PWP

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

WELLPATH DATA (207 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
16526.00†	87.040	359.913	9546.42	7186.88	7122.76	-990.91	0.00	
16626.00†	87.040	359.913	9551.58	7286.23	7222.62	-991.06	0.00	
16726.00†	87.040	359.913	9556.75	7385.58	7322.49	-991.22	0.00	
16826.00†	87.040	359.913	9561.91	7484.94	7422.36	-991.37	0.00	
16926.00†	87.040	359.913	9567.08	7584.29	7522.22	-991.52	0.00	
17026.00†	87.040	359.913	9572.24	7683.64	7622.09	-991.67	0.00	
17126.00†	87.040	359.913	9577.40	7783.00	7721.96	-991.82	0.00	
17226.00†	87.040	359.913	9582.57	7882.35	7821.82	-991.97	0.00	
17326.00†	87.040	359.913	9587.73	7981.70	7921.69	-992.13	0.00	
17426.00†	87.040	359.913	9592.90	8081.06	8021.56	-992.28	0.00	
17526.00†	87.040	359.913	9598.06	8180.41	8121.42	-992.43	0.00	
17626.00†	87.040	359.913	9603.22	8279.76	8221.29	-992.58	0.00	
17726.00†	87.040	359.913	9608.39	8379.12	8321.16	-992.73	0.00	
17826.00†	87.040	359.913	9613.55	8478.47	8421.02	-992.89	0.00	
17926.00†	87.040	359.913	9618.72	8577.83	8520.89	-993.04	0.00	
18026.00†	87.040	359.913	9623.88	8677.18	8620.76	-993.19	0.00	
18126.00†	87.040	359.913	9629.04	8776.53	8720.62	-993.34	0.00	
18226.00†	87.040	359.913	9634.21	8875.89	8820.49	-993.49	0.00	
18326.00†	87.040	359.913	9639.37	8975.24	8920.35	-993.64	0.00	
18426.00†	87.040	359.913	9644.53	9074.59	9020.22	-993.80	0.00	
18526.00†	87.040	359.913	9649.70	9173.95	9120.09	-993.95	0.00	
18626.00†	87.040	359.913	9654.86	9273.30	9219.95	-994.10	0.00	
18726.00†	87.040	359.913	9660.03	9372.65	9319.82	-994.25	0.00	
18826.00†	87.040	359.913	9665.19	9472.01	9419.69	-994.40	0.00	
18926.00†	87.040	359.913	9670.35	9571.36	9519.55	-994.56	0.00	
19026.00†	87.040	359.913	9675.52	9670.71	9619.42	-994.71	0.00	
19035.34	87.040	359.913	9676.00 ²	9679.99	9628.75	-994.72	0.00	End of Tangent

NEWFIELD**Planned Wellpath Report**

14-10-3-3-2W-UW REV-A.0 PWP

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

HOLE & CASING SECTIONS - Ref Wellbore: 14-10-3-3-2W-UW PWB Ref Wellpath: 14-10-3-3-2W-UW REV-A.0 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
7in Casing Intermediate	26.00	8458.00	8432.00	26.00	8379.17	0.00	0.00	-347.33	-852.38

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
15-10-3-3-2W-MW SECTION 10		0.00	-8.10	28.70	2032800.90	7255787.98	40°13'49.990"N	110°05'40.340"W	polygon
15-10-3-3-2W-MW SECTION 3		0.00	-8.10	28.70	2032800.90	7255787.98	40°13'49.990"N	110°05'40.340"W	polygon
1) 14-10-3-3-2W-UW TOP OF PRODUCING FORMATION (660'FSL & 1980'FWL SEC 10)		9192.67	281.34	-980.36	2031787.50	7256061.50	40°13'52.850"N	110°05'53.350"W	point
2) 14-10-3-3-2W-UW BHL REV-1 ON PLAT (525'FNL & 1980'FWL SEC 3)	19035.34	9676.00	9628.75	-994.72	2031626.29	7265406.79	40°15'25.220"N	110°05'53.540"W	point
14-10-3-3-2W-UW BOTTOM OF PRODUCIN INTERVAL (660'FNL & 1980'FWL SEC 3)		9676.00	9494.16	-993.95	2031629.17	7265272.23	40°15'23.890"N	110°05'53.530"W	point
15-10-3-3-2W-MW HARDLINES 660' N/S/E/W		9908.00	-8.10	28.70	2032800.90	7255787.98	40°13'49.990"N	110°05'40.340"W	polygon

SURVEY PROGRAM - Ref Wellbore: 14-10-3-3-2W-UW PWB Ref Wellpath: 14-10-3-3-2W-UW REV-A.0 PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
26.00	19035.34	NaviTrak (Standard)		14-10-3-3-2W-UW PWB

NEWFIELD**Planned Wellpath Report****14-10-3-3-2W-UW REV-A.0 PWP**

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	NEWFIELD PRODUCTION COMPANY	Slot	SLOT#02 14-10-3-3-2W-UW (376'FSL & 2340'FEL SEC 10)
Area	UTAH	Well	14-10-3-3-2W-UW
Field	DUCHESNE COUNTY	Wellbore	14-10-3-3-2W-UW PWB
Facility	SEC.10-T03S-R02W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
2197.00	0.000	247.830	2197.00	USABLE WATER
3742.19	10.000	247.830	3735.00	GREEN RIVER FORMATION
5754.76	10.000	247.830	5717.00	MAHOGANY BENCH
7775.46	10.000	247.830	7707.00	DOUGLAS CREEK MEMBER
8487.27	10.000	247.830	8408.00	LOWER BLACK SHALE
8607.10	10.000	247.830	8526.00	CASTLE PEAK LIMESTONE
8757.28	10.598	299.911	8674.00	CP LIMES
8909.42	22.328	337.039	8820.00	UTELAND BUTTE
9067.60	37.235	348.024	8957.00	WASATCH
9382.36	68.012	356.625	9146.00	WASATCH 10 TARGET

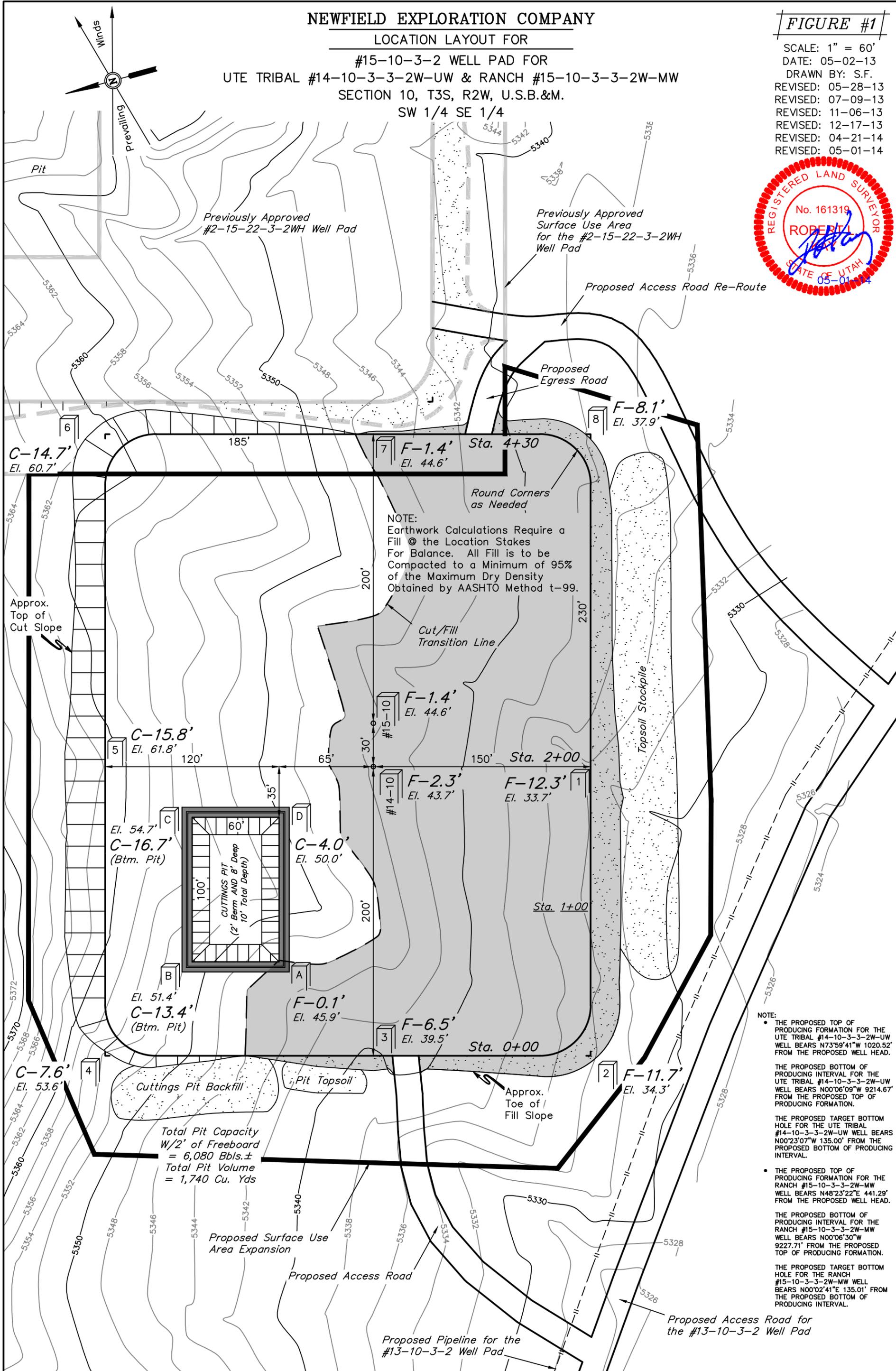
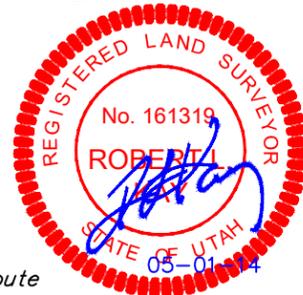
NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT FOR

#15-10-3-2 WELL PAD FOR
 UTE TRIBAL #14-10-3-3-2W-UW & RANCH #15-10-3-3-2W-MW
 SECTION 10, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 60'
 DATE: 05-02-13
 DRAWN BY: S.F.
 REVISED: 05-28-13
 REVISED: 07-09-13
 REVISED: 11-06-13
 REVISED: 12-17-13
 REVISED: 04-21-14
 REVISED: 05-01-14



NOTE:
 Earthwork Calculations Require a
 Fill @ the Location Stakes
 For Balance. All Fill is to be
 Compacted to a Minimum of 95%
 of the Maximum Dry Density
 Obtained by AASHTO Method t-99.

NOTE:
 • THE PROPOSED TOP OF PRODUCING FORMATION FOR THE UTE TRIBAL #14-10-3-3-2W-UW WELL BEARS N73°59'41"W 1020.52' FROM THE PROPOSED WELL HEAD.
 • THE PROPOSED BOTTOM OF PRODUCING INTERVAL FOR THE UTE TRIBAL #14-10-3-3-2W-UW WELL BEARS N00°06'09"W 9214.67' FROM THE PROPOSED TOP OF PRODUCING FORMATION.
 • THE PROPOSED TARGET BOTTOM HOLE FOR THE UTE TRIBAL #14-10-3-3-2W-UW WELL BEARS N00°23'07"W 135.00' FROM THE PROPOSED BOTTOM OF PRODUCING INTERVAL.
 • THE PROPOSED TOP OF PRODUCING FORMATION FOR THE RANCH #15-10-3-3-2W-MW WELL BEARS N48°23'22"E 441.29' FROM THE PROPOSED WELL HEAD.
 • THE PROPOSED BOTTOM OF PRODUCING INTERVAL FOR THE RANCH #15-10-3-3-2W-MW WELL BEARS N00°06'30"W 9227.71' FROM THE PROPOSED TOP OF PRODUCING FORMATION.
 • THE PROPOSED TARGET BOTTOM HOLE FOR THE RANCH #15-10-3-3-2W-MW WELL BEARS N00°02'41"E 135.01' FROM THE PROPOSED BOTTOM OF PRODUCING INTERVAL.

Total Pit Capacity
 W/2' of Freeboard
 = 6,080 Bbls.±
 Total Pit Volume
 = 1,740 Cu. Yds

Elev. Ungraded Ground At #15-10-3-3-2W-LW Loc. Stake = 5343.7'
 FINISHED GRADE ELEV. AT #15-10-3-3-2W-LW LOC. STAKE = 5346.0'

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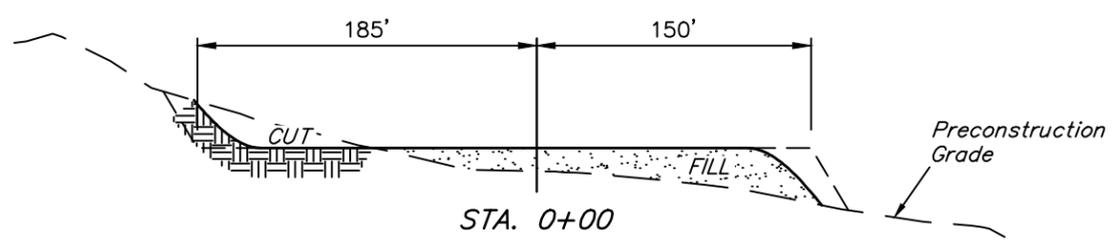
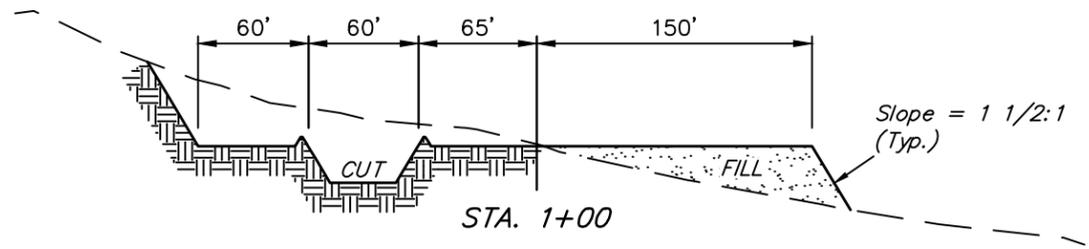
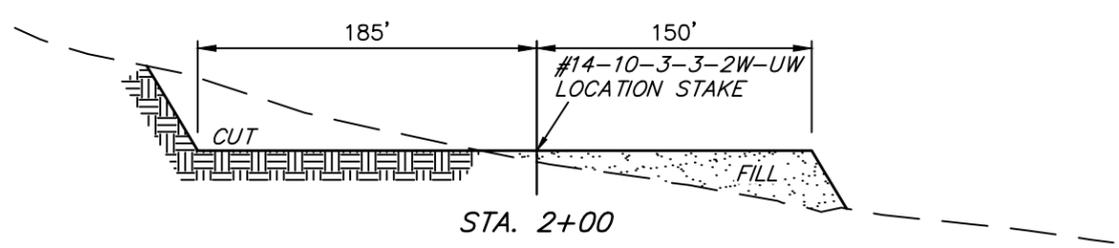
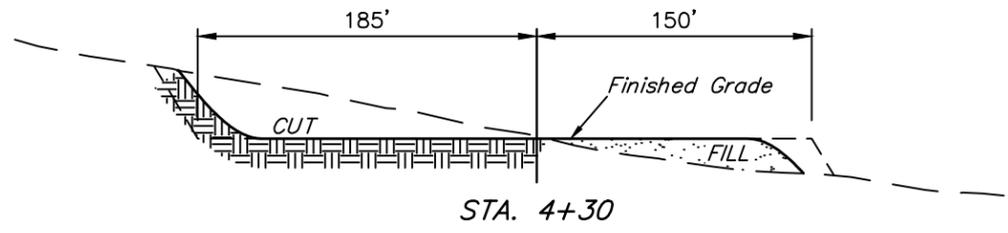
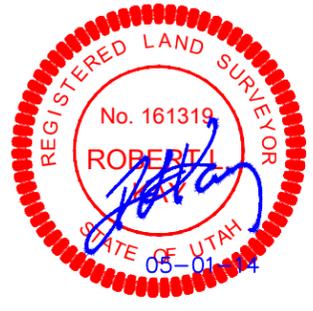
NEWFIELD EXPLORATION COMPANY

TYPICAL CROSS SECTIONS FOR

#15-10-3-2 WELL PAD FOR
 UTE TRIBAL #14-10-3-3-2W-UW & RANCH #15-10-3-3-2W-MW
 SECTION 10, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

FIGURE #2

1" = 40'
 X-Section Scale
 1" = 100'
 DATE: 05-02-13
 DRAWN BY: S.F.
 REVISED: 05-28-13
 REVISED: 07-09-13
 REVISED: 11-06-13
 REVISED: 12-17-13
 REVISED: 04-21-14
 REVISED: 05-01-14



* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	3,100 Cu. Yds.
Remaining Location	=	19,880 Cu. Yds.
TOTAL CUT	=	22,980 CU. YDS.
FILL	=	19,010 CU. YDS.

EXCESS MATERIAL	=	3,970 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,970 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

APPROXIMATE ACREAGE

ORIGINAL PROPOSED WELL	
SITE DISTURBANCE	= ± 5.702 ACRES
NEW (ADDITIONAL TO ORIGINAL) PROPOSED	
EXPANSION WELL SITE DISTURBANCE	= ± 5.058 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.427 ACRES
PIPELINE DISTURBANCE	= ± 0.204 ACRES
TOTAL	= ± 11.391 ACRES

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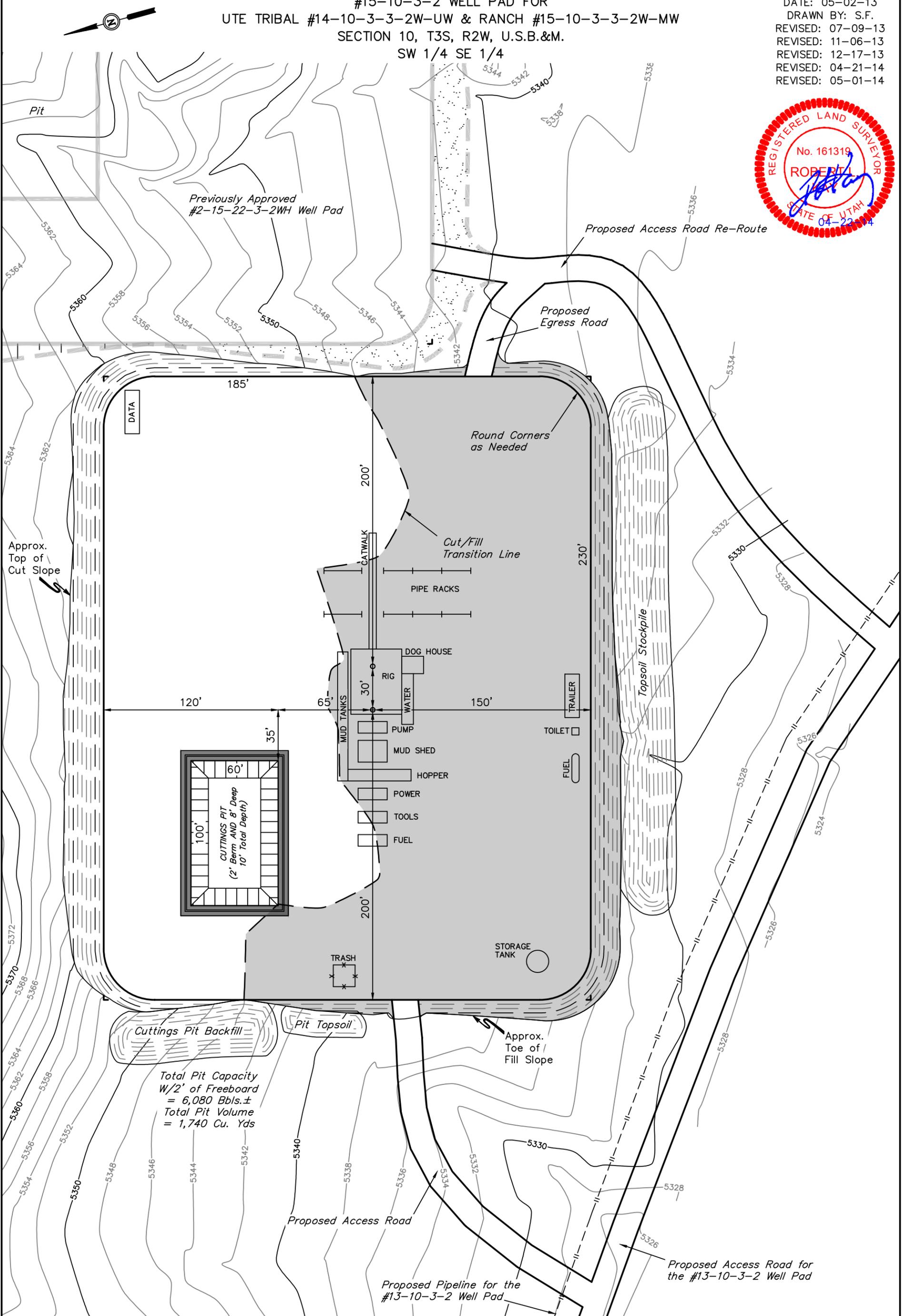
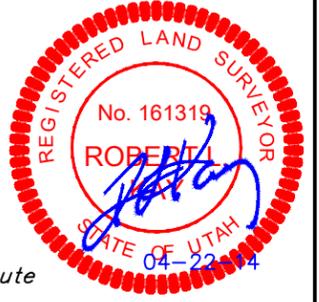
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT FOR

#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW & RANCH #15-10-3-3-2W-MW
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #3

SCALE: 1" = 60'
DATE: 05-02-13
DRAWN BY: S.F.
REVISED: 07-09-13
REVISED: 11-06-13
REVISED: 12-17-13
REVISED: 04-21-14
REVISED: 05-01-14



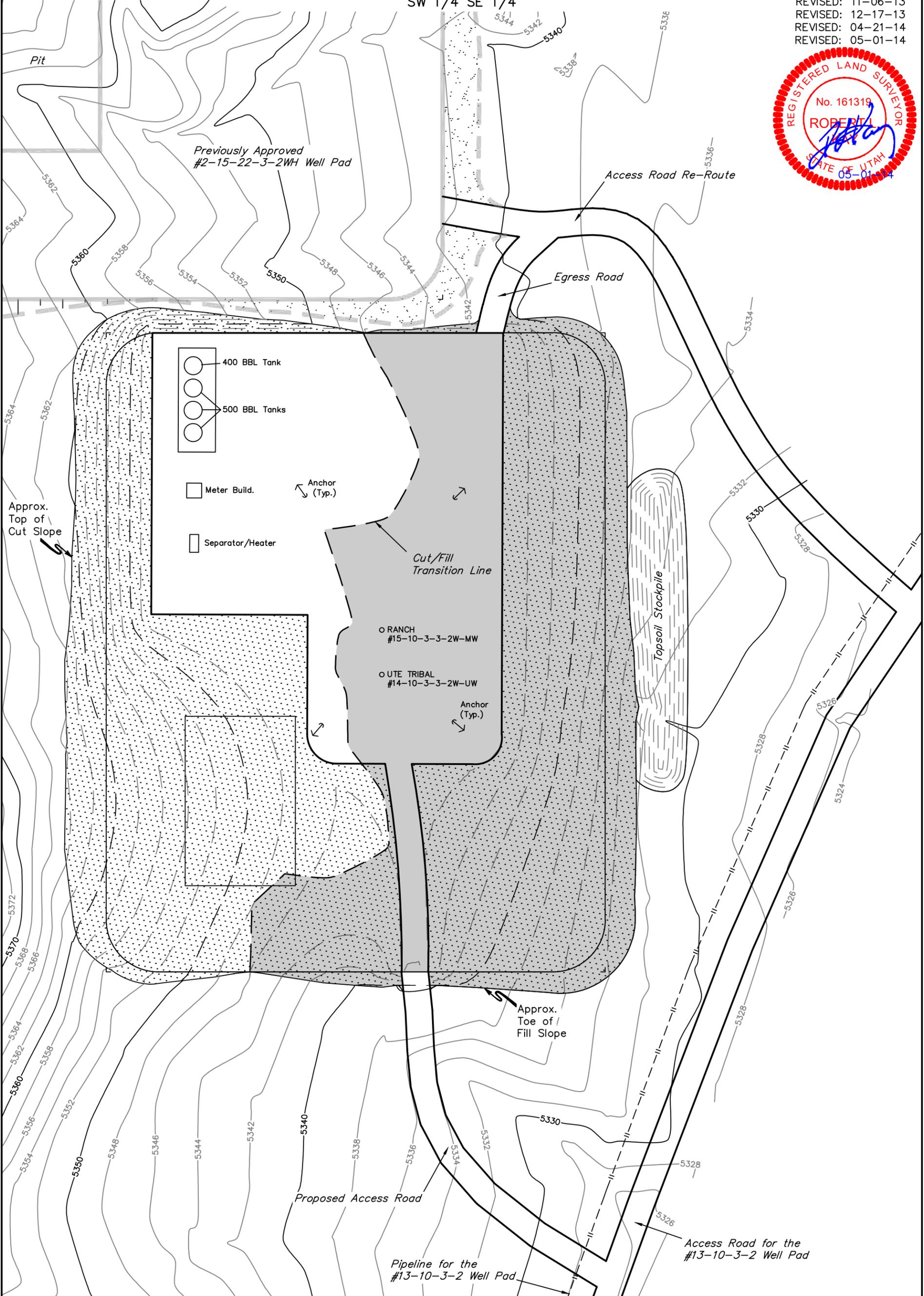
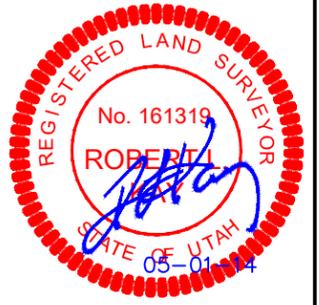
Total Pit Capacity
W/2' of Freeboard
= 6,080 Bbls.±
Total Pit Volume
= 1,740 Cu. Yds

NEWFIELD EXPLORATION COMPANY
PRODUCTION FACILITY LAYOUT FOR

#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW & RANCH #15-10-3-3-2W-MW
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #4

SCALE: 1" = 60'
DATE: 05-02-13
DRAWN BY: S.F.
REVISED: 05-28-13
REVISED: 07-09-13
REVISED: 11-06-13
REVISED: 12-17-13
REVISED: 04-21-14
REVISED: 05-01-14



Previously Approved
#2-15-22-3-2WH Well Pad

- 400 BBL Tank
- 500 BBL Tanks
- Meter Build.
- Separator/Heater
- Anchor (Typ.)

Approx.
Top of
Cut Slope

○ RANCH
#15-10-3-3-2W-MW
○ UTE TRIBAL
#14-10-3-3-2W-UW

Anchor
(Typ.)

Approx.
Toe of
Fill Slope

Proposed Access Road

Pipeline for the
#13-10-3-2 Well Pad

Access Road for the
#13-10-3-2 Well Pad

RECLAIMED AREA

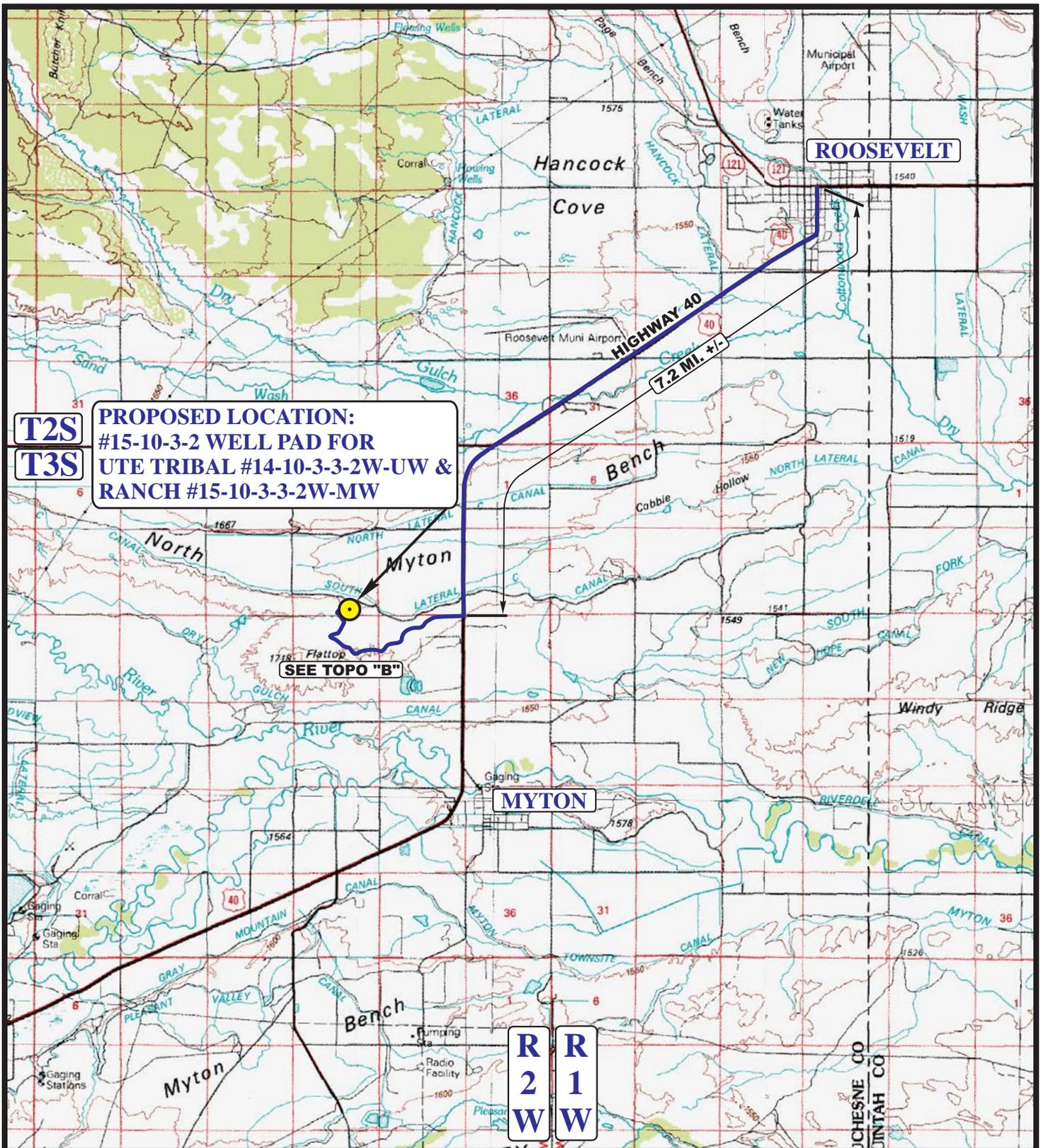
APPROXIMATE ACREAGE
UN-RECLAIMED = ± 1.380 ACRES

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NEWFIELD EXPLORATION COMPANY
#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW &
RANCH #15-10-3-3-2W-MW
SECTION 10, T3S, R2W, U.S.B.&M.

PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION FROM ROOSEVELT, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 7.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #13-10-3-2 WELL PAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHWESTERLY, THEN NORTHWESTERLY, THEN NORTHEASTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 11,803' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 262' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED LOCATION IS APPROXIMATELY 9.5 MILES.



T2S
T3S
PROPOSED LOCATION:
#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW &
RANCH #15-10-3-3-2W-MW

SEE TOPO "B"

R
2
W
R
1
W

LEGEND:

PROPOSED LOCATION

NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW & RANCH #15-10-3-3-2W-MW
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

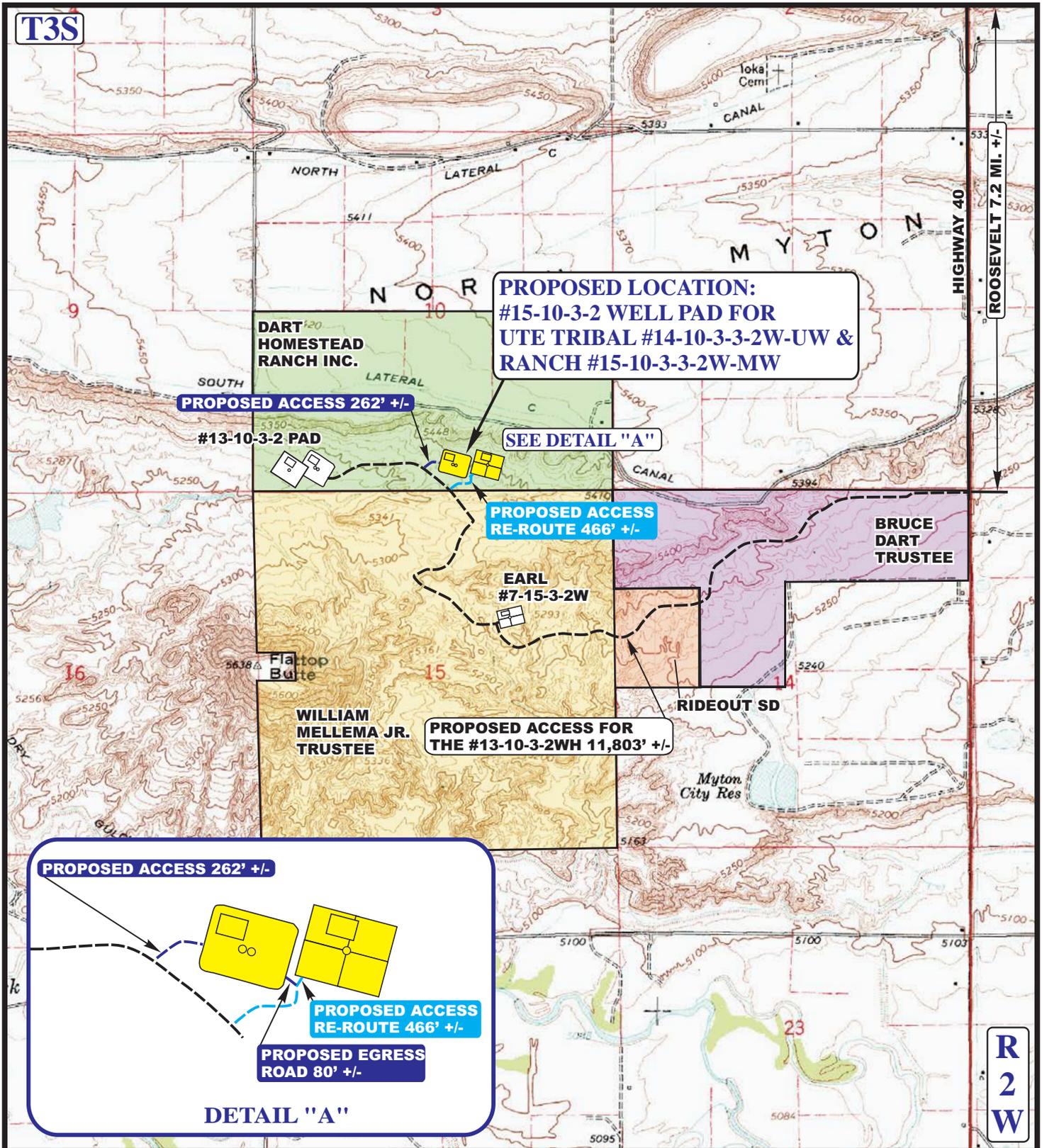
UELS
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD
MAP
SCALE: 1:100,000 DRAWN BY: C.I. REV: 05-02-14 L.S.

11 MONTH
15 DAY
12 YEAR

A
TOPO





**PROPOSED LOCATION:
#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW &
RANCH #15-10-3-3-2W-MW**

PROPOSED ACCESS 262' +/-

#13-10-3-2 PAD

SEE DETAIL "A"

**PROPOSED ACCESS
RE-ROUTE 466' +/-**

**EARL
#7-15-3-2W**

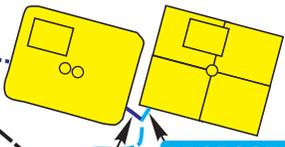
**BRUCE
DART
TRUSTEE**

**WILLIAM
MELLEMA JR.
TRUSTEE**

**PROPOSED ACCESS FOR
THE #13-10-3-2WH 11,803' +/-**

RIDEOUT SD

PROPOSED ACCESS 262' +/-



**PROPOSED ACCESS
RE-ROUTE 466' +/-**

**PROPOSED EGRESS
ROAD 80' +/-**

DETAIL "A"

**R
2
W**

LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

NEWFIELD EXPLORATION COMPANY

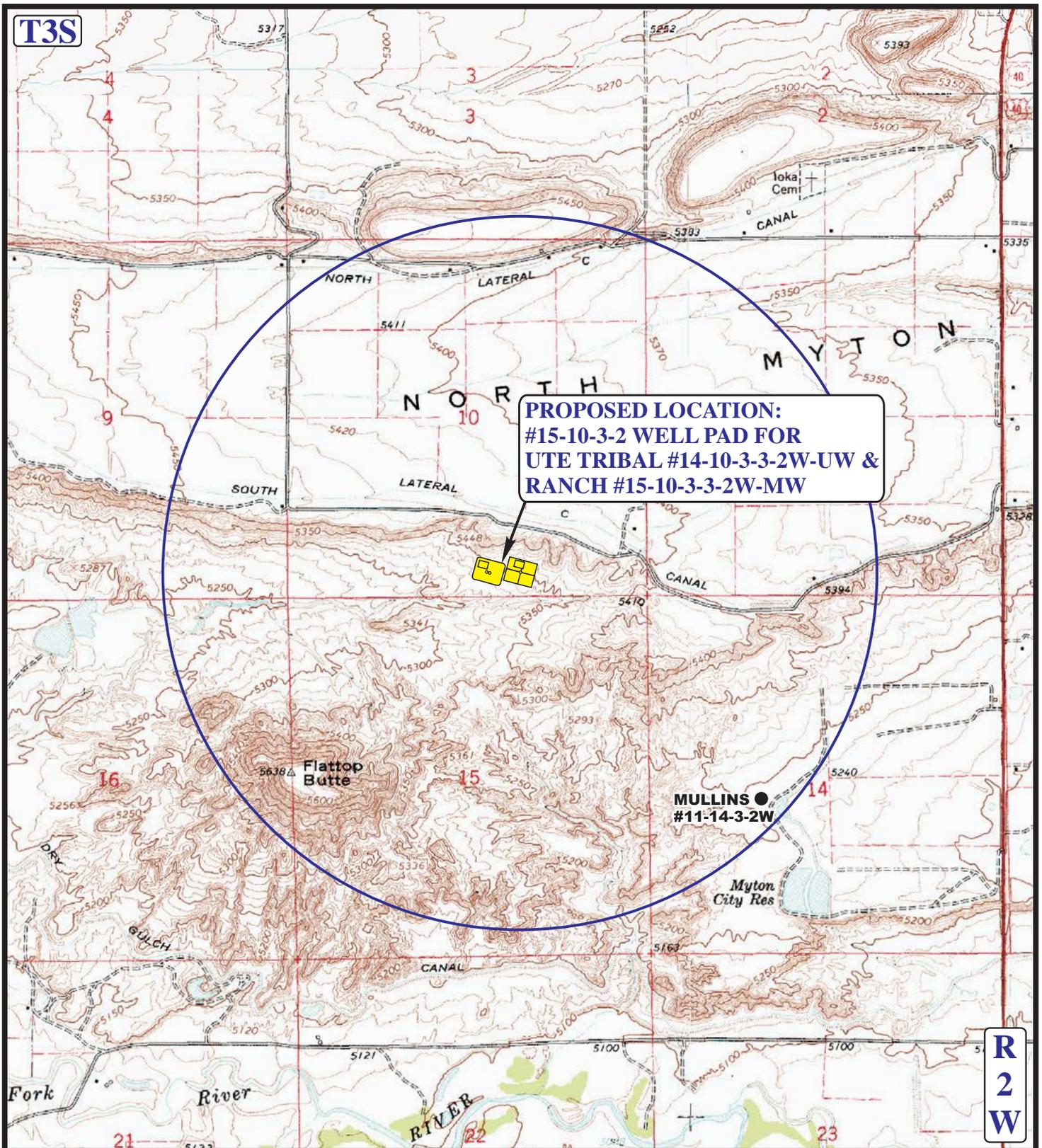
**#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW & RANCH #15-10-3-3-2W-MW
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



ACCESS ROAD MAP	11	15	12	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.I.		REV: 05-02-14 L.S.	



LEGEND:

- ⊘ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
 UTE TRIBAL #14-10-3-3-2W-UW & RANCH #15-10-3-3-2W-MW
 SECTION 10, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4



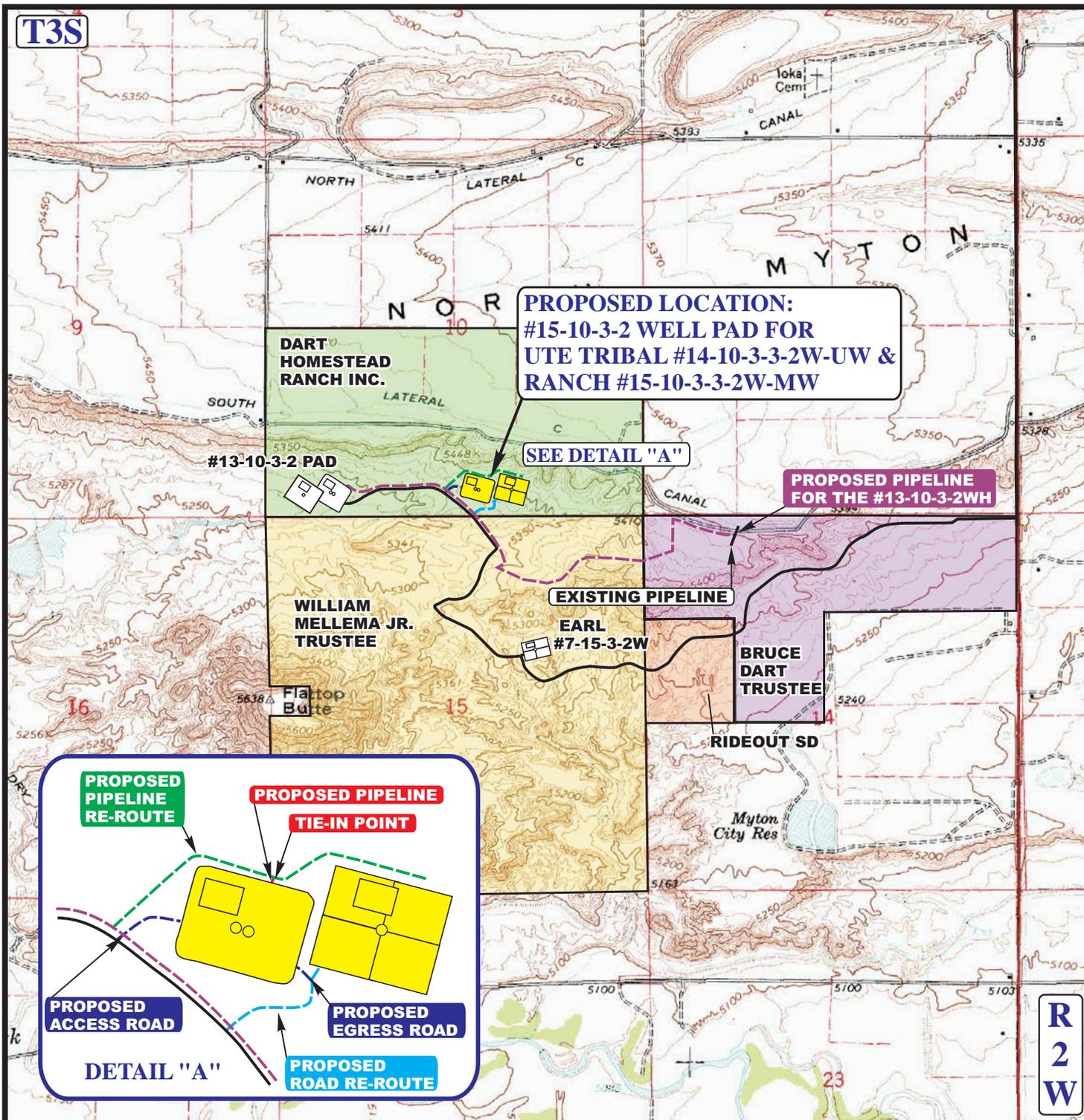
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC 11 15 12
MAP MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.I. REV: 05-02-14 L.S.



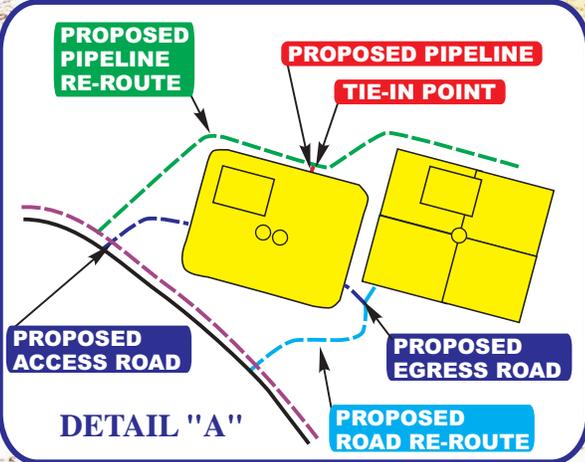


**PROPOSED LOCATION:
#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW &
RANCH #15-10-3-3-2W-MW**

SEE DETAIL "A"

**PROPOSED PIPELINE
FOR THE #13-10-3-2WH**

EXISTING PIPELINE



APPROXIMATE TOTAL PIPELINE DISTANCE = 25' +/-

APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 1,353' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE
- - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)
- - - - PROPOSED PIPELINE RE-ROUTE

NEWFIELD EXPLORATION COMPANY

#15-10-3-2 WELL PAD FOR
UTE TRIBAL #14-10-3-3-2W-UW & RANCH #15-10-3-3-2W-MW
SECTION 10, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP	11	15	12	D TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.I.		REV: 05-02-14 L.S.	

Plat depiction including Lease Numbers

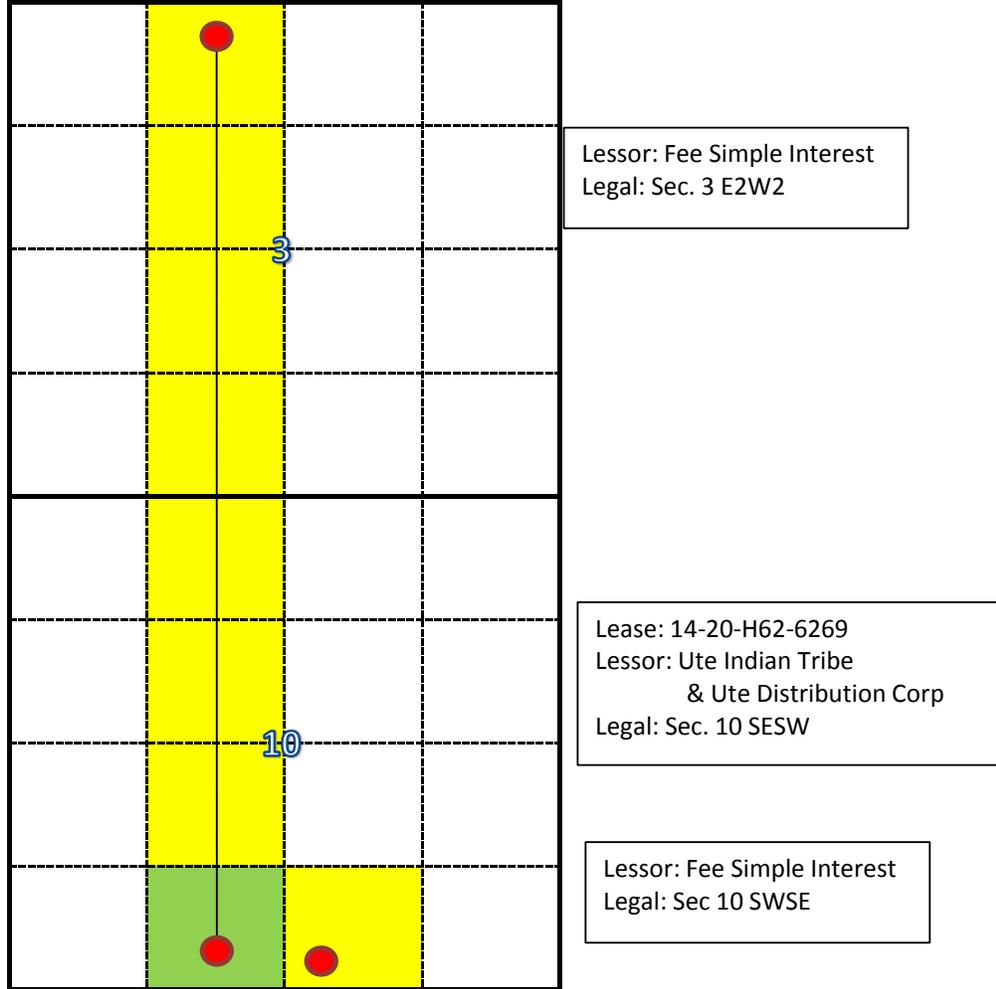
Ute Tribal 14-10-3-3-2W-UW

SHL 376' FSL & 2340' FEL of Section 10

Top of Producing Interval 660' FSL & 1980' FWL of Section 10

Bottom of Producing Interval 660' FNL & 1980' FWL of Section 3

BHL 525' FNL & 1980' FWL of Section 3



June 5, 2014

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
PO Box 145801
Salt Lake City, UT 84114

NEWFIELD



Newfield Exploration Company

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

RE: Ute Tribal 14-10-3-3-2WH-UW
Township 3 South, Range 2 West, Sections 3 & 10
Duchesne County, Utah

Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the Ute Tribal 14-10-3-3-2WH-UW from a surface location of 376' FSL and 2340' FEL of Section 10, T3S R2W, to a bottom hole location of 525' FNL and 1980' FWL of Section 3, T3S R2W.

The Ute Tribal 14-10-3-3-2WH-UW is covered by Order No. 139-110, which requires no portion of the producing interval of the horizontal lateral be closer than 660' from the northern or southern section boundaries and no closer than 660' from the eastern or western section boundaries, and requires proper surface and sub-surface authorization be obtained when the surface location is located off of the drilling unit.

In compliance with the above referenced Order, the top of the uppermost producing zone of the Ute Tribal 14-10-3-3-2WH-UW is 660' FSL and 1980' FWL of Section 10, T3S, R2W, and the bottom of the producing interval is 660' FNL, 1980' FWL of Section 3, T3S, R2W. Newfield shall case and cement the Ute Tribal 14-10-3-3-2WH-UW wellbore from the surface location to the point where the wellbore reaches the legal setback and the wellbore will only be completed within the legal setback. The bottom of the producing interval is 660' FNL, 1980' FWL of Section 3, T3S, R2W, which is within the legal setback. In the event a future recompletion outside of this setback is proposed, Newfield shall attempt to acquire consent from all the owners in Section 34, T2S, R2W, or Section 15, T3S, R2W, and shall file the appropriate application with the State.

Newfield has also obtained authorization from the surface owner of the drilling location, as is evidenced by the Affidavit of Easement, Right-of-Way and Surface Use Agreement attached to the APD. Newfield and its partners are the leasehold owners of the minerals underlying the surface location and all that portion of the wellbore of the Ute Tribal 14-10-3-3-2WH-UW lying outside the drilling unit.

Based on Newfield's compliance with the requirements of Order No. 139-110, Newfield respectfully requests the approval of our APD for the Ute Tribal 14-10-3-3-2WH-UW.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4466 or by email at rmiller@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert N. Miller II".

Robert N. Miller II
Landman

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

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

1. My name is Greg Boggs. I am a Land Lead for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed 15-10-3-2 well pad with a surface location to be positioned in the SWSE of Section 10, Township 3 South, Range 2 East (the "Well Pad"), Duchesne County, Utah. The surface owner of the Drillsite Location is Dart Homestead Ranch, whose address is Route 2, Box 2044, Roosevelt, UT 84066 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way, Surface Use and Damage Agreement dated February 28, 2014 covering the Well Pad and access to the Well Pad.

FURTHER AFFIANT SAYETH NOT.

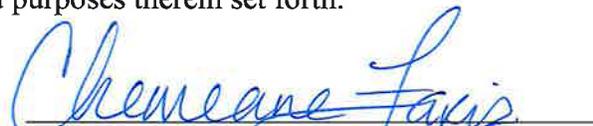


 Greg Boggs

ACKNOWLEDGEMENT

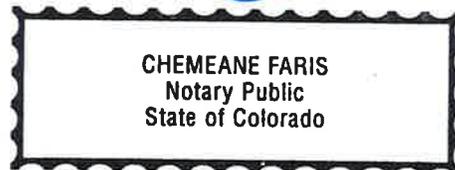
STATE OF COLORADO §
 §
 COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 5th day of June, 2014, personally appeared Greg Boggs, 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.



 NOTARY PUBLIC

My Commission Expires: 12.14.15



BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pete Martin Rig #16
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number Ute Tribal 14-10-3-3-2W-UW
Qtr/Qtr SW/SE Section 10 Township 3S Range 2W
Lease Serial Number 1420H626269
API Number 43-013-52297

CONFIDENTIAL

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

Date/Time 08/28/2014 13:00 AM PM

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

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

Date/Time _____ AM PM

BOPE

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

Date/Time _____ AM PM

Remarks _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: UTE TRIBAL 14-10-3-2W-UW
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013522970000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0376 FSL 2340 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 03.0S Range: 02.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/28/2014	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Pete Martin Rig #16 spudded 26" hole on 08/28/2014 and drilled to 60' GL. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 60' GL and cemented to surface with Redi Mix. Kylan Cook notified UDOGM and BLM by phone @ 17:00 PM on 08/27/2014 to spud conductor hole on 08/28/2014. (Notified by e-mail @ 15:30 PM on 08/28/2014.)

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 11, 2014**

NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 9/11/2014	

NEWFIELD

Casing

Conductor



Legal Well Name Ute Tribal 14-10-3-3-2W-UW		Wellbore Name Original Hole	
API/UWI 43013522970000	Surface Legal Location SWSE 376FSL 2340FEL SEC10 T3S R2W MERU	Field Name UINTA CB-WASATCH HORZ	Well Type Development
Well RC 500378192	County Duchesne	State/Province Utah	Well Configuration Type Horizontal
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)
Conductor	26	0	60
Start Date		End Date	
8/28/2014		8/28/2014	

Wellhead			
Type	Install Date	Service	Comment

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing			
Casing Description Conductor	Set Depth (ftKB) 60	Run Date 8/28/2014	Set Tension (kips)
Centralizers	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)
Conductor Pipe	20	19.500	52.78	SA53B	Welded	2	60.00	0.0	60.0			

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

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					

NEWFIELD

Casing

Surface



Legal Well Name Ute Tribal 14-10-3-3-2W-UW		Wellbore Name Original Hole			
API/UWI 43013522970000	Surface Legal Location SWSE 376FSL 2340FEL SEC10 T3S R2W MERU		Field Name UINTA CB-WASATCH HORZ	Well Type Development	Well Configuration Type Horizontal
Well RC 500378192	County Duchesne	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	26	0	60	8/28/2014	8/28/2014
Vertical	17 1/2	60	1,630	8/31/2014	9/2/2014

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing			
Casing Description Surface	Set Depth (ftKB) 1,613	Run Date 9/3/2014	Set Tension (kips)
Centralizers 14 centralizers spaced 10' from the shoe, on top of joints #2 & #3 then every 3rd collar to surface.		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)
Casing Joints	13 3/8	12.615	54.50	J-55	BTC	37	1,567.64	-0.6	1,567.0			
Float Collar					BTC	1	1.50	1,567.0	1,568.5			
Casing Joints	13 3/8	12.615	54.50	J-55	BTC	1	43.50	1,568.5	1,612.0			
Guide Shoe					BTC	1	1.00	1,612.0	1,613.0			

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

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)
Slip Description		Set Mechanics	
Setting Procedure			
Unsetting Procedure			

RECEIVED

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

JUN 16 2014

Form 3160-3
(August 2007)

RECEIVED
SEP 17 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM Vernal

DIV. OF OIL, GAS & MINERAL
REVENUE AND REGULATION

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
14204626269

6. Indian, Allottee or Tribe Name

1a. Type of Work: DRILL REENTER

CONFIDENTIAL

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

1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

8. Lease Name and Well No.
UTE TRIBAL 14-10-3-3-2W-UW

2. Name of Operator
NEWFIELD PRODUCTION COMPANY
Contact: DON S HAMILTON
Email: starpoint@ntv.net

9. API Well No.
43013-52297

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

3b. Phone No. (include area code)
Ph: 435-719-2018
Fx: 435-719-2019

10. Field and Pool, or Exploratory
UNDESIGNATED

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

At surface SWSE 376FSL 2340FEL 40.230575 N Lat, 110.094642 W Lon
At proposed prod. zone NENW 525FNL 1980FWL 40.257047 N Lat, 110.097500 W Lon *Sec 3*

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 10 T3S R2W Mer UBM
Sec 3

14. Distance in miles and direction from nearest town or post office*
9.5 MILES SOUTHWEST OF ROOSEVELT UT

12. County or Parish
DUCHESNE

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
376

16. No. of Acres in Lease
40.00

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
30

19. Proposed Depth
19035 MD
9676 TVD

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KB, RT, GL, etc.)
5344 GL

22. Approximate date work will start
07/01/2014

23. Estimated duration
60 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:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 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). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 06/11/2014
---------------------------------------	---	--------------------

Title
PERMITTING AGENT

Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date AUG 28 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.

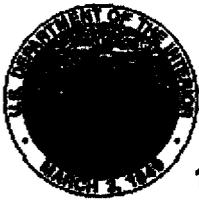
Additional Operator Remarks (see next page)

Electronic Submission #249336 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal
Committed to AFMSS for processing by JEANNE NEWMAN on 06/17/2014 ()

NOTICE OF APPROVAL

UDOGM

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

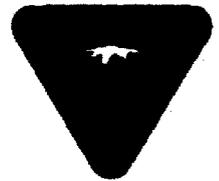


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

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 14-10-3-3-2W-UW
API No: 43-013-52297

Location: SWSE, Sec. 10, T3S, R2W
Lease No: 14-20-H62-6269
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: blm_ut_vn_opreport@blm.gov .
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 Production Company

Well Name & Number: Ute Tribal 14-10-3-3-2W-UW

- 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.
- All new and replacement internal combustion oil and gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 grams of NOx per horsepower-hour. This requirement does not apply to oil and gas field engines of less than or equal to 40 design-rated horsepower.
- All new and replacement internal combustion oil and gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gram of NOx per horsepower-hour.

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

SITE SPECIFIC DOWNHOLE COAs:

Ute Tribal: 13-22-15-3-3WMW, N-22-15-3-3W-UW, 14-10-3-3-2W-UW

Site Specific Drilling Plan COA's:

- To effectively protect useable water, cement for the long string is required to be brought 200 feet above the surface casing shoe.
- Cement for surface casing shall be circulated to surface.
- Cement sample, for surface casing tail and lead stages, shall be captured and tested to ensure that a minimum compressibility of 500 psi is reached

Variances Granted

Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends
- Automatic igniter. Variance granted for igniter due to water mist.

- COA's for Use of OBM

- Drip pans shall be installed below the rotary beams on the substructure of the drilling rig.
- The oil based mud storage tanks shall be located on a plastic liner and bermed for spill prevention.
- For the portion of the hole drilled with oil based mud, drying shaker and cuttings tank shall be required downstream from the tandem shakers.
- Plastic liner shall be installed beneath the steel mud circulating tanks and associated tandem shaker, drying shaker and temporary cuttings storage tank.
- Plastic liner shall be installed beneath the 500 bbl. storage tank for oilbased mud cuttings

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.
- 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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: UTE TRIBAL 14-10-3-3-2W-UW
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301352297000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0376 FSL 2340 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 03.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/14/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield Production Company respectfully requests that the Ute Tribal 14-10-3-3-2W-UW increase in drilling depths from 9,676 ft DVD / 190,035 ft MD to 9,918' TVD / 19,240' MD and that the well name be changed to the Ute Tribal 14-10-3-3-2W-MW (see attached for details and supplemental information). Surface, Top of Producing Production, Bottom or Producing Production, and Bottom Hole Location footages all remain the same.

Approved by the
October 14, 2014
Oil, Gas and Mining

Date: _____

By: *DeK Duff*

NAME (PLEASE PRINT) Matt Barber	PHONE NUMBER 303 382-4493	TITLE Senior Regulatory Specialist
SIGNATURE N/A	DATE 10/13/2014	

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

NEWFIELD EXPLORATION COMPANY

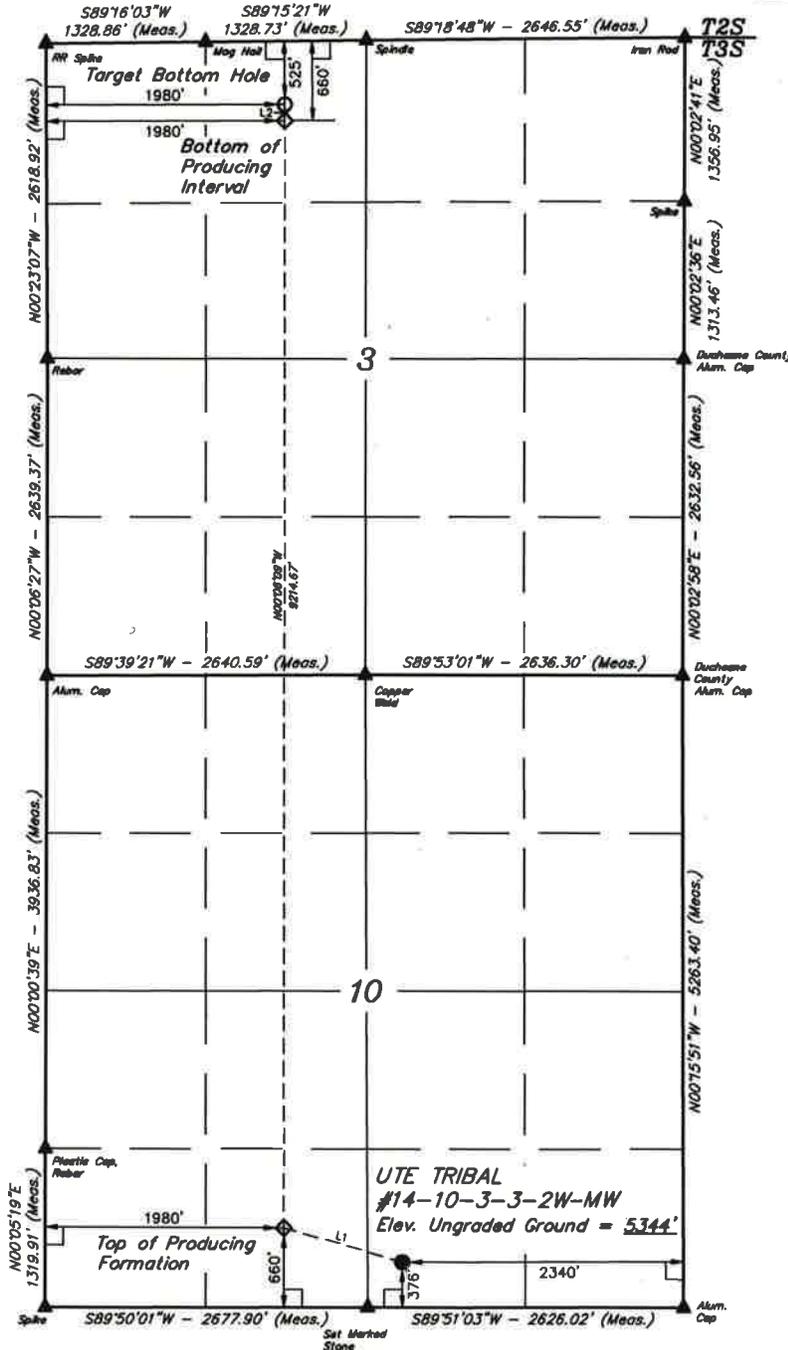
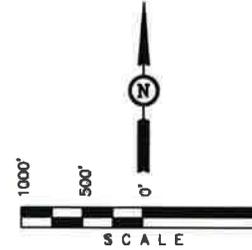
Well location, UTE TRIBAL #14-10-3-3-2W-MW.
located as shown in the SW 1/4 SE 1/4 of
Section 10, T3S, R2W, U.S.B.&M., Duchesne
County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF
SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON,
QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID
ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



MAD 83 (SURFACE LOCATION)
LATITUDE = 40°13'50.07" (40.230578)
LONGITUDE = 110°05'40.71" (110.094842)
MAD 27 (SURFACE LOCATION)
LATITUDE = 40°13'50.22" (40.230617)
LONGITUDE = 110°05'36.17" (110.093936)
MAD 83 (TOP OF PRODUCING FORMATION)
LATITUDE = 40°13'52.85" (40.231347)
LONGITUDE = 110°05'53.35" (110.098153)
MAD 27 (TOP OF PRODUCING FORMATION)
LATITUDE = 40°13'53.00" (40.231388)
LONGITUDE = 110°05'50.81" (110.097447)
MAD 83 (BOTTOM OF PRODUCING INTERVAL)
LATITUDE = 40°13'23.89" (40.228438)
LONGITUDE = 110°05'53.53" (110.098203)
MAD 27 (BOTTOM OF PRODUCING INTERVAL)
LATITUDE = 40°13'24.04" (40.228478)
LONGITUDE = 110°05'50.89" (110.097497)
MAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°15'25.22" (40.257006)
LONGITUDE = 110°05'53.54" (110.098208)
MAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°15'25.37" (40.257047)
LONGITUDE = 110°05'51.00" (110.097500)

UTE TRIBAL
#14-10-3-3-2W-MW
Elev. Ungraded Ground = 5344'

CERTIFICATE

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.

REVISED: 05-01-14
REVISED: 04-18-14
REVISED: 12-17-13
REVISED: 11-06-13
REVISED: 05-02-13



LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N73°58'41"W	1020.52'
L2	N00°23'07"W	135.00'

UNTAIN ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-13-12	DATE DRAWN: 11-19-12
PARTY M.A. A.H. S.F.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE NEWFIELD EXPLORATION COMPANY	

Plat depiction including Lease Numbers

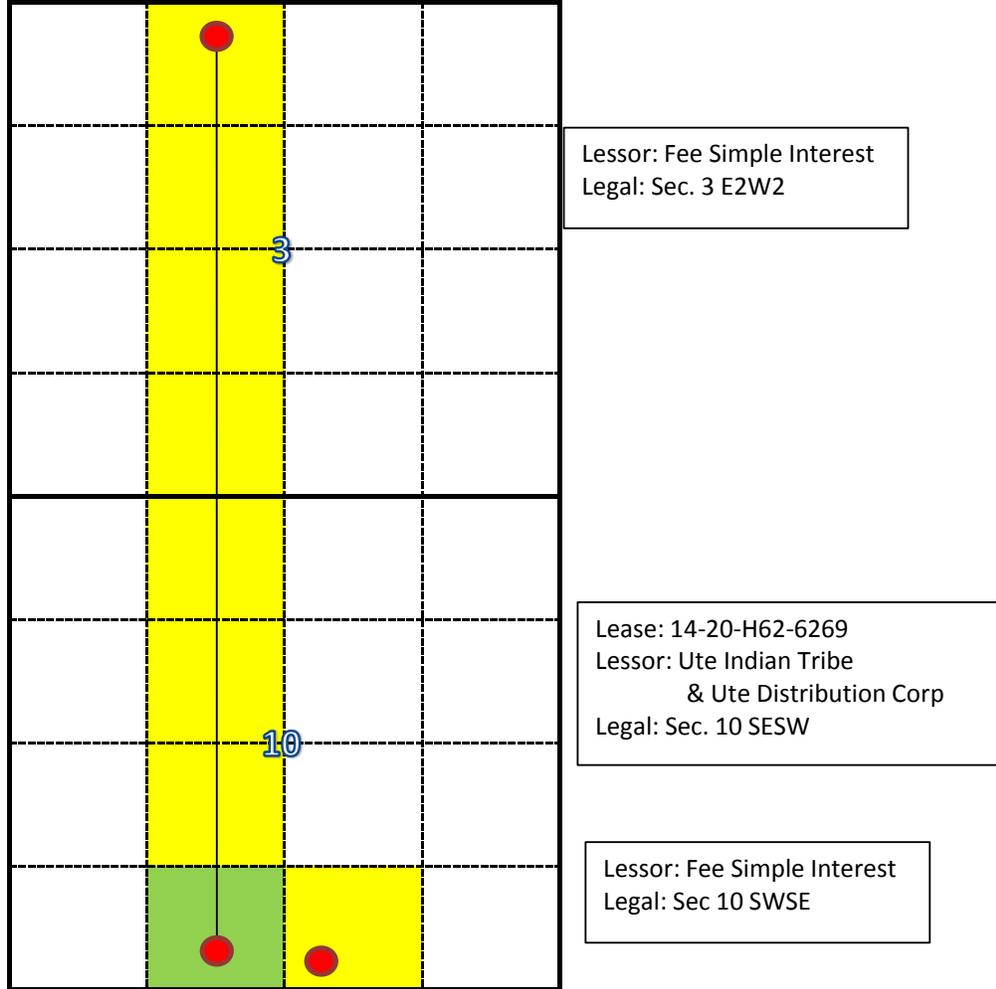
Ute Tribal 14-10-3-3-2W-MW

SHL 376' FSL & 2340' FEL of Section 10

Top of Producing Interval 660' FSL & 1980' FWL of Section 10

Bottom of Producing Interval 660' FNL & 1980' FWL of Section 3

BHL 525' FNL & 1980' FWL of Section 3



Newfield Production Company
14-10-3-3-2W-MW
Surface Hole Location: 376' FSL, 2340' FEL, Section 10, T3S, R2W
Bottom Hole Location: 525' FNL, 1980' FWL, Section 3, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,740'
Garden Gulch	6,594'
Uteland Butte Member	8,839'
Wasatch	8,972'
Lateral TD	9,918' TVD / 19,240' MD

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

Base of moderately saline	2,105'	(water)
Green River	6,594' - 8,972'	(oil)
Wasatch	8,972' - 9,918'	(oil)

3. Pressure Control

Section BOP Description

Surface Diverter

Intermediate The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

Prod/Prod Liner The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 20	0'	60'	--	--	Weld	--	--	--	--	--	--
									--	--	--
Surface 13 3/8	0'	1,642'	54.5	J-55	STC	8.33	8.4	14	2,730	1,130	514,000
									2.64	2.40	5.74
Intrm Drilling 9 5/8	0'	8,470' 8,525'	40	N-80	BTC	10	10.5	16	5,750	3,090	916,000
									1.30	1.34	2.70
Production 5 1/2	0'	9,918' 19,240'	20	P-110	BTC	14	14.5	17	12,360	11,080	641,000
									2.16	1.85	1.67

Assumptions:

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

Intermediate casing drilling MASP = 0.5 ppg gas kick with a 70 bbl gain and frac at the shoe with a 1 ppg safety factor

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

Intermediate collapse calculations assume 50% evacuated

Maximum intermediate csg collapse load assumes loss of mud to a fluid level of 4,235'

Intermediate csg run from surface to 8,470' and will not experience full evacuation

Production csg run from surface to TD will isolate intermediate csg from production loads

Production csg withstands burst and collapse loads for anticipated production conditions

Surface & production collapse calcs assume fully evacuated casing w/ a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.15 psi/ft

All casing shall be new.

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

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	24	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	66	15%	15.8	1.17
				57			
Surface Lead	17 1/2	1,000'	Varicem (Type III) + .125 lbs/sk Cello Flakes	799	15%	11.0	3.33
				240			
Surface Tail	17 1/2	642'	Varicem (Type III) + .125 lbs/sk Cello Flakes	513	15%	13.0	1.9
				270			
Intermediate Lead	12 1/4	6,594'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2375	15%	11.0	3.53
				673			
Intermediate Tail	12 1/4	1,931'	50/50 Poz/Class G + 1% bentonite	696	15%	14.0	1.29
				539			
Production Lead	8 3/4	1,861'	Elastiseal Unfoamed	517	10%	17.3	1.84
				281			
Production Tail	8 3/4	9,354'	Elastiseal Foamed	2363	0%	14.5 - 17.3	1.84
				1284			

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

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log or gauge hole if logs are not ran, plus 15% excess.

The 5.5" production string will be run from surface to TD and cemented to setback. The cement slurries will be adjusted for hole conditions and blend test results. The lateral will be cemented past the setback.

The wellbore will cross the heel setback @ 9,886' MD

The first perforation will be within 19,105' MD

Per the directional plan, the bore hole will be drilled 135' past the toe setback for the rat hole and shoe track. This well will not be perforated or produced outside the legal setbacks.

6. Type and Characteristics of Proposed Circulating Medium**Interval****Description**

Surface - 1,642' An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

1,642' - 8,525' 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 10.5 ppg.

8,525' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells: A water based mud: 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.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. The cuttings will be mixed with fly ash prior to transportation to a location on Newfield owned surface. Once on Newfield owned surface, the cuttings will be treated with the previously approved FIRMUS process and used as a construction material on future location and/or roads on Newfield owned surface. The cuttings may also be transported to a state approved disposal facility.

Anticipated maximum mud weight is 14.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log may be run from KOP to the base of the surface casing. An azimuthal gamma ray LWD log will be run from the shoe of the intermediate casing to TD. A cement bond log will be run from KOP to the cement top behind the production casing and or intermediate 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 0.73 psi/ft gradient.

$$9,918' \times 0.73 \text{ psi/ft} = 7220.3 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

The lateral of this well will target the Wasatch formation

After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 8,755'

Directional tools will then be used to build to 87.04 degrees inclination.

The lateral will be drilled to the bottomhole location shown on the plat. A 5-1/2" longstring will be run from surface to TD and cemented in place.

Newfield requests the following variances from Onshore Order #2:

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

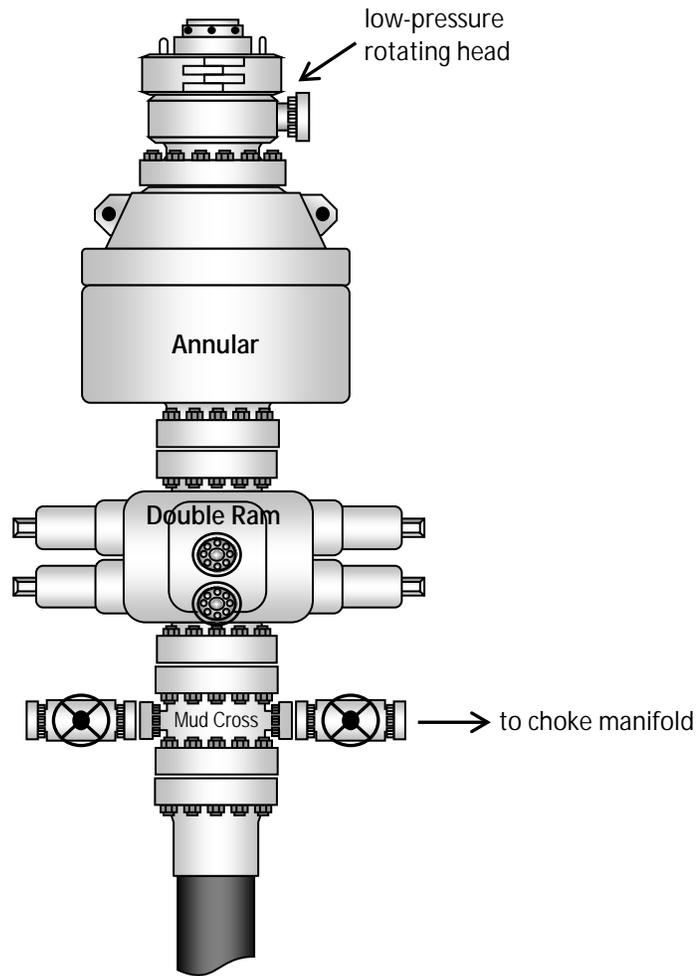
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used and If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

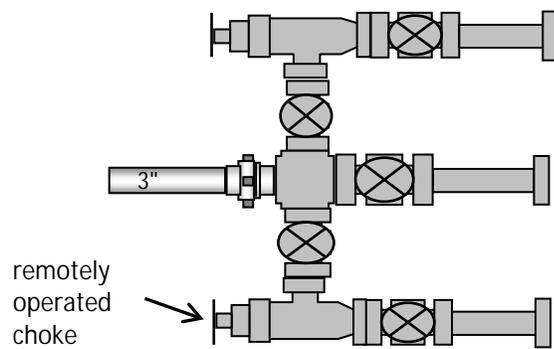
Water flows in the surface hole are likely. If the water flow is less than 400 bbls/hr, the well will be allowed to flow until the surface casing point is reached and water will be hauled off location. If the water flow is greater than 400 bbls/hr, the water flow will be controlled with kill weight mud which will be maintained until TD. In both situations, the cement density will be adjusted to meet or exceed the mud weight needed to kill the water flow and the well will be shut in once cement is in place. If cement fails to reach the surface or falls back, a top job will be performed to bring cement to surface. Any water flows will be sampled and tested and results will be sent to UDOGM.

A diverter will be used to drill the surface hole interval.

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



5D Plan Report

5D Plan Report

Field Name: *UTAH_ CENTRAL ZONE_NAD83*
Site Name: *14-10-3-3-2W-MW*
Well Name: *14-10-3-3-2W-MW*
Plan: *PLAN 1*

30 September 2014





Field: UTAH - CENTRAL ZONE - NAD83
 Map Unit: USFt Vertical Reference Datum (VRD):
 Projected Coordinate System: NAD83 / Utah Central (ftUS)

Site: 14-10-3-3-2W-MW
 Unit: USFeet TVD Reference:
 Company Name:
 Position: Northing: 7255795.63USft Latitude: 40.230575°
 Easting: 2032771.99USft Longitude: -110.094642°
 North Reference: True Grid Convergence: 0.90°
 Elevation Above VRD: 5343.00USft
 Comment: DUCHESNE COUNTY, UTAH

Slot: 14-10-3-3-2W-MW
 Position:
 Offset is from Site centre
 +N/-S: 0.00USft Northing: 7255795.63USft Latitude: 40.230575°
 +E/-W: 0.00USft Easting: 2032771.99USft Longitude: -110.094642°
 Elevation Above VRD: 5344.00USft
 Comment: DUCHESNE COUNTY, UTAH (376' FSL & 2340' FEL, SEC 10)

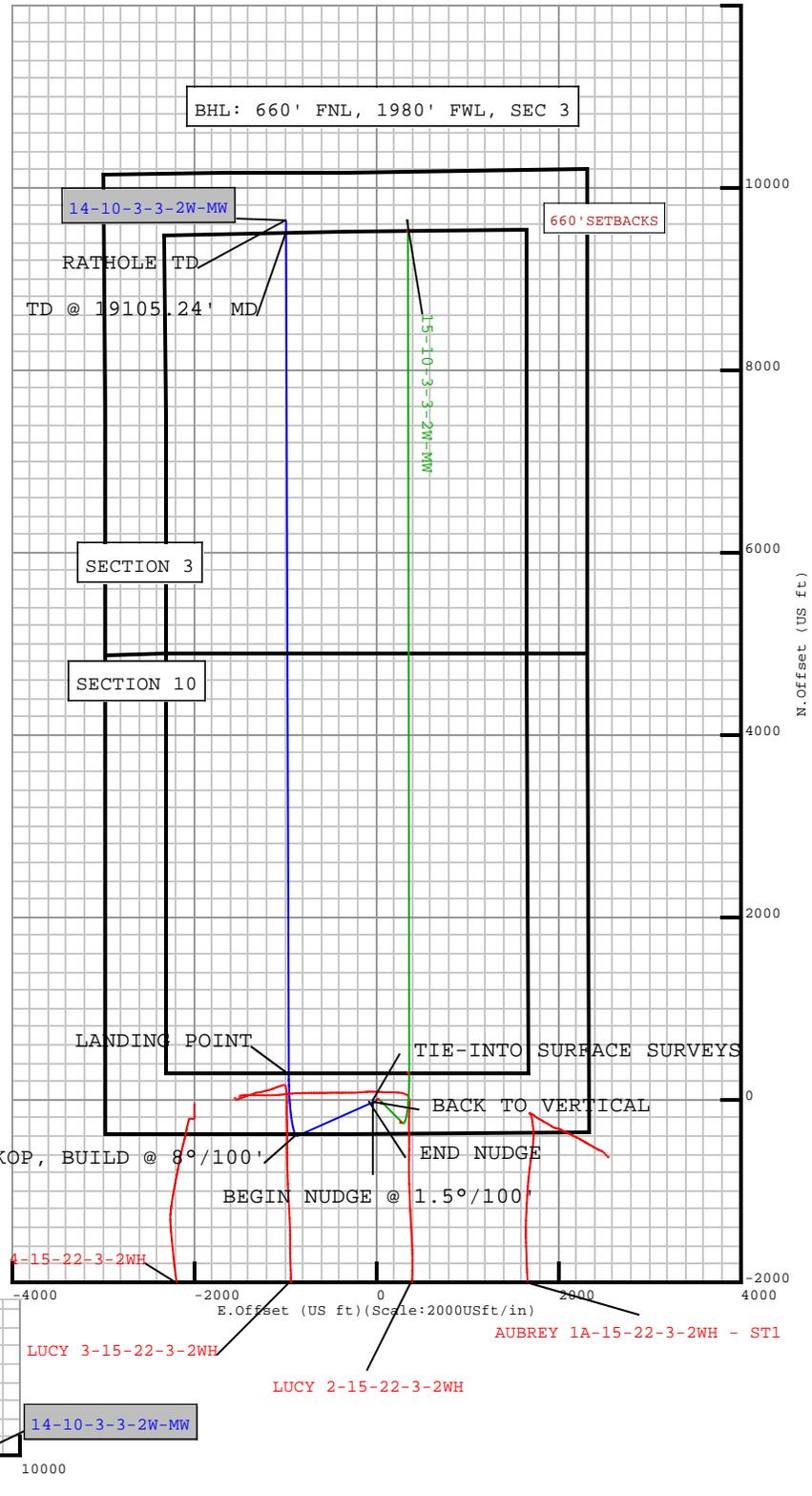
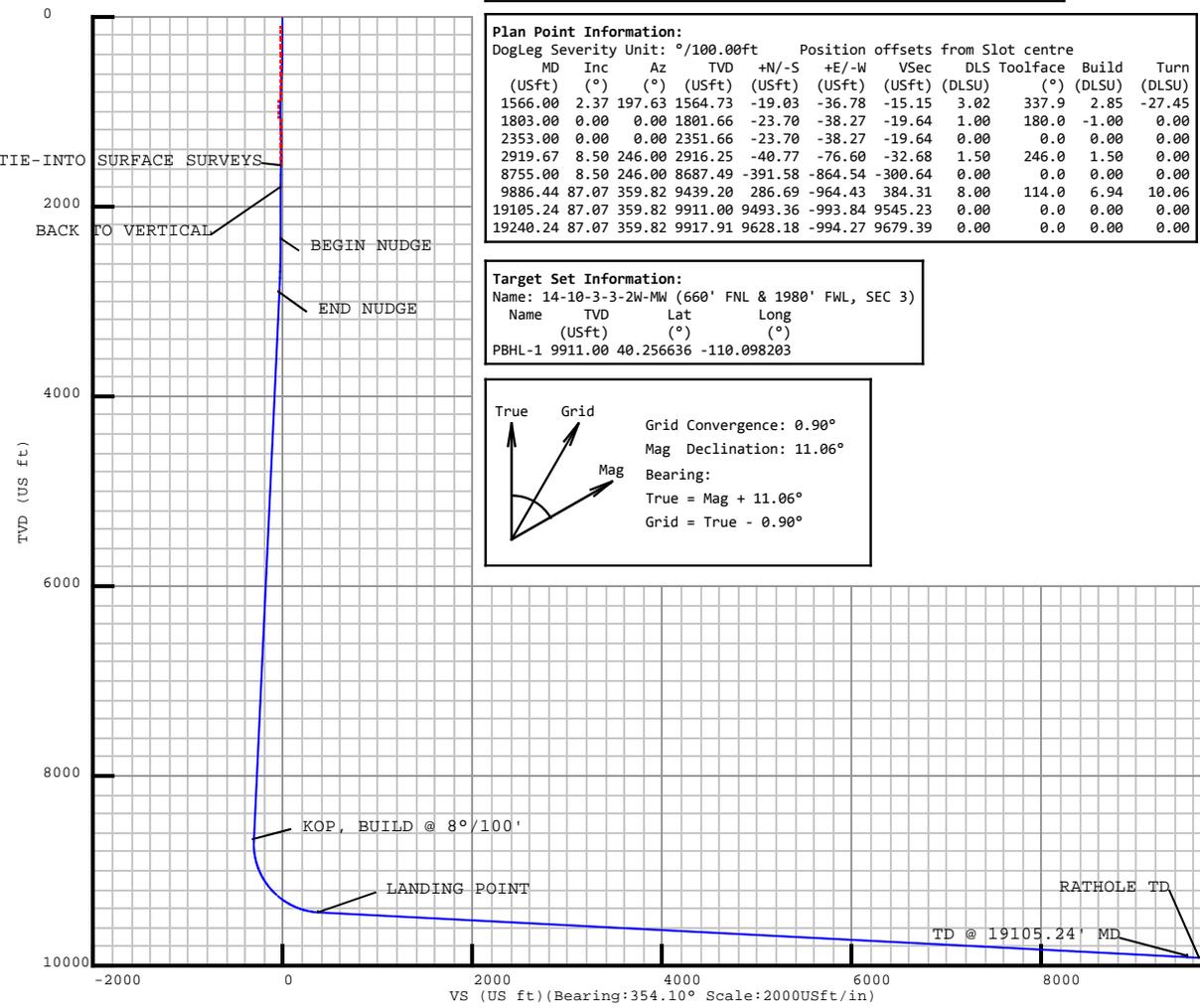
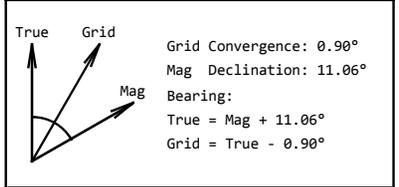
Well: 14-10-3-3-2W-MW
 Type: Main-Well
 File Number:
 Vertical Section: Position offset of origin from Slot centre:
 +N/-S: 0.00USft Azimuth: 354.10°
 +E/-W: 0.00USft
 Magnetic Parameters:
 Model: Field Strength: Declination: Dip: Date:
 BGGM 51967(nT) 11.06° 65.85° 2014-09-30
 Comment: PATTERSON 290 (28' RKB)

Plan Point Information:
 DogLeg Severity Unit: °/100.00ft Position offsets from Slot centre

MD	Inc	Az	TVD	+N/-S	+E/-W	VSec	DLS	Toolface	Build	Turn
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(DLSU)	(°)	(DLSU)	(DLSU)
1566.00	2.37	197.63	1564.73	-19.03	-36.78	-15.15	3.02	337.9	2.85	-27.45
1803.00	0.00	0.00	1801.66	-23.70	-38.27	-19.64	1.00	180.0	-1.00	0.00
2353.00	0.00	0.00	2351.66	-23.70	-38.27	-19.64	0.00	0.0	0.00	0.00
2919.67	8.50	246.00	2916.25	-40.77	-76.60	-32.68	1.50	246.0	1.50	0.00
8755.00	8.50	246.00	8687.49	-391.58	-864.54	-300.64	0.00	0.0	0.00	0.00
9886.44	87.07	359.82	9439.20	286.69	-964.43	384.31	8.00	114.0	6.94	10.06
19105.24	87.07	359.82	9911.00	9493.36	-993.84	9545.23	0.00	0.0	0.00	0.00
19240.24	87.07	359.82	9917.91	9628.18	-994.27	9679.39	0.00	0.0	0.00	0.00

Target Set Information:
 Name: 14-10-3-3-2W-MW (660' FNL & 1980' FWL, SEC 3)

Name	TVD	Lat	Long
(USft)	(°)	(°)	(°)
PBHL-1	9911.00	40.256636	-110.098203



5D Plan Report



14-10-3-3-2W-MW

Field Name UTAH_CENTRAL ZONE_NAD83	Map Units : US ft Vertical Reference Datum (VRD) : Projected Coordinate System : NAD83 / Utah Central (ftUS) Comment :	Company Name :	
Site Name 14-10-3-3-2W-MW	Units : US ft Position Elevation above VRD: 5344.00 US ft Comment : DUCHESNE COUNTY, UTAH	North Reference : True Northing : 7255795.63 US ft Easting : 2032771.99 US ft	Convergence Angle : 0.90 Latitude : 40° 13' 50.07" Longitude : -110° 5' 40.71"
Slot Name 14-10-3-3-2W-MW	Position (Offsets relative to Site Centre)		
	+N / -S : 0.00 US ft +E / -W : 0.00 US ft Elevation above VRD : 5344.00 US ft Comment : DUCHESNE COUNTY, UTAH (376' FSL & 2340' FEL, SEC 10)	Northing : 7255795.63 US ft Easting : 2032771.99 US ft	Latitude : 40°13'50.07" Longitude : -110°5'40.71"
Well Name 14-10-3-3-2W-MW	Type : Main well Rig Height Well TVD Reference : 28.00 US ft Relative to VRD: 5372.00 US ft Closure Distance : 9679.39 US ft Vertical Section (Position of Origin Relative to Slot) +N / -S : 0.00 US ft	UWI : Comment : PATTERSON 290 (28' RKB) Closure Azimuth : 354.104° +E / -W : 0.00 US ft	Plan : PLAN 1 Az : 354.10°

5D Plan Report

Magnetic Parameters**Model :** BGGM**Field Strength :** 51967.1nT**Dec :** 11.06°**Dip :** 65.85°**Date :** 30/Sep/2014**Target Set****Name :** 14-10-3-3-2W-MW (660' FNL &
1980' FWL, SEC 3)**Number of Targets :** 1**Comment :**

TargetName:	Position (Relative to Slot centre)		
PBHL-1	+N / -S : 9493.36US ft	Northing : 7265272.21 US ft	Latitude : 40°15'23.89"
Shape:	+E / -W : -993.84 US ft	Easting : 2031629.11US ft	Longitude : -110°5'53.53"
Cuboid	TVD (Well TVD Reference) : 9911.00 US ft		
	TVDss : -4539.00 US ft		
Orientation	Azimuth : 0.00°	Inclination : 0.00°	
Dimensions	Length : 1.00 US ft	Breadth : 1.00 US ft	Height : 1.00 US ft

Well path created using minimum curvature**Salient Points (Relative to Slot centre, TVD relative to Well TVD Reference)**

Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)
	0.00	0.00	0.00	0.00	0.00	0.00	40°13'50.07"	-110°5'40.71"	0.00	0.00	0.00
	121.00	0.35	246.45	121.00	-0.15	-0.34	40°13'50.07"	-110°5'40.72"	0.29	246.45	-0.11
	151.00	0.26	235.20	151.00	-0.22	-0.48	40°13'50.07"	-110°5'40.72"	0.36	208.10	-0.17
	179.00	0.26	211.29	179.00	-0.31	-0.56	40°13'50.07"	-110°5'40.72"	0.38	258.05	-0.25
	210.00	0.40	233.40	210.00	-0.44	-0.69	40°13'50.07"	-110°5'40.72"	0.60	53.70	-0.37
	239.00	0.40	221.36	239.00	-0.57	-0.84	40°13'50.06"	-110°5'40.72"	0.29	263.98	-0.49
	266.00	0.70	229.31	266.00	-0.75	-1.02	40°13'50.06"	-110°5'40.72"	1.14	18.27	-0.64
	294.00	0.92	198.02	293.99	-1.08	-1.22	40°13'50.06"	-110°5'40.73"	1.73	280.23	-0.95
	322.00	1.10	206.33	321.99	-1.53	-1.41	40°13'50.05"	-110°5'40.73"	0.83	43.34	-1.38
	351.00	0.75	216.13	350.99	-1.94	-1.65	40°13'50.05"	-110°5'40.73"	1.32	160.52	-1.76
	379.00	0.88	208.39	378.98	-2.27	-1.86	40°13'50.05"	-110°5'40.74"	0.61	315.83	-2.07
	406.00	1.32	219.95	405.98	-2.69	-2.15	40°13'50.04"	-110°5'40.74"	1.82	32.62	-2.46
	434.00	1.27	202.73	433.97	-3.23	-2.48	40°13'50.04"	-110°5'40.74"	1.40	254.13	-2.95
	466.00	1.76	213.27	465.96	-3.96	-2.89	40°13'50.03"	-110°5'40.75"	1.76	34.96	-3.65
	496.00	1.76	206.64	495.94	-4.76	-3.35	40°13'50.02"	-110°5'40.75"	0.68	266.69	-4.39
	526.00	1.98	219.25	525.93	-5.58	-3.88	40°13'50.01"	-110°5'40.76"	1.55	68.27	-5.15

5D Plan Report

Salient Points (Relative to Slot centre, TVD relative to Well TVD Reference)											
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)
	556.00	2.11	205.98	555.91	-6.47	-4.45	40°13'50.01"	-110°5'40.77"	1.63	278.66	-5.98
	586.00	2.64	215.07	585.88	-7.53	-5.09	40°13'50.00"	-110°5'40.78"	2.16	40.00	-6.97
	616.00	2.59	208.66	615.85	-8.70	-5.81	40°13'49.98"	-110°5'40.79"	0.99	257.11	-8.05
	646.00	2.90	208.97	645.82	-9.95	-6.51	40°13'49.97"	-110°5'40.80"	1.03	2.90	-9.23
	676.00	3.16	209.80	675.78	-11.34	-7.28	40°13'49.96"	-110°5'40.81"	0.88	9.99	-10.53
	706.00	3.56	215.56	705.73	-12.81	-8.24	40°13'49.94"	-110°5'40.82"	1.74	43.06	-11.90
	736.00	4.22	211.95	735.66	-14.50	-9.36	40°13'49.93"	-110°5'40.83"	2.35	337.83	-13.47
	766.00	3.82	214.99	765.58	-16.26	-10.52	40°13'49.91"	-110°5'40.85"	1.51	153.46	-15.09
	796.00	3.82	216.30	795.52	-17.88	-11.68	40°13'49.89"	-110°5'40.86"	0.29	90.65	-16.59
	826.00	4.00	221.62	825.45	-19.47	-12.97	40°13'49.88"	-110°5'40.88"	1.35	66.28	-18.04
	856.00	3.47	225.84	855.38	-20.89	-14.32	40°13'49.86"	-110°5'40.90"	1.99	154.68	-19.30
	886.00	3.25	233.97	885.33	-22.02	-15.66	40°13'49.85"	-110°5'40.91"	1.75	118.80	-20.29
	916.00	2.86	244.39	915.29	-22.84	-17.02	40°13'49.84"	-110°5'40.93"	2.26	130.21	-20.97
	946.00	2.77	253.17	945.25	-23.38	-18.39	40°13'49.84"	-110°5'40.95"	1.47	106.15	-21.36
	976.00	2.81	261.88	975.22	-23.69	-19.81	40°13'49.84"	-110°5'40.97"	1.42	88.97	-21.53
	1006.00	2.90	269.08	1005.18	-23.81	-21.30	40°13'49.83"	-110°5'40.99"	1.23	79.53	-21.49
	1036.00	2.99	273.48	1035.14	-23.77	-22.84	40°13'49.84"	-110°5'41.01"	0.81	70.50	-21.30
	1066.00	2.99	283.58	1065.10	-23.54	-24.38	40°13'49.84"	-110°5'41.03"	1.75	95.04	-20.91
	1096.00	3.52	292.51	1095.05	-23.00	-25.99	40°13'49.84"	-110°5'41.05"	2.44	48.25	-20.21
	1126.00	3.25	294.35	1125.00	-22.30	-27.61	40°13'49.85"	-110°5'41.07"	0.97	159.00	-19.34
	1156.00	3.30	308.55	1154.95	-21.41	-29.06	40°13'49.86"	-110°5'41.09"	2.70	93.58	-18.31
	1186.00	2.94	316.50	1184.91	-20.32	-30.27	40°13'49.87"	-110°5'41.10"	1.87	133.68	-17.10
	1216.00	3.08	320.81	1214.86	-19.13	-31.31	40°13'49.88"	-110°5'41.11"	0.89	60.42	-15.81
	1246.00	2.64	320.02	1244.83	-17.98	-32.26	40°13'49.89"	-110°5'41.13"	1.47	184.72	-14.57
	1276.00	1.98	325.07	1274.80	-17.02	-33.00	40°13'49.90"	-110°5'41.14"	2.30	165.37	-13.54
	1306.00	1.32	313.25	1304.79	-16.36	-33.55	40°13'49.91"	-110°5'41.14"	2.46	201.45	-12.83
	1336.00	1.14	296.90	1334.78	-15.99	-34.07	40°13'49.91"	-110°5'41.15"	1.31	234.83	-12.40
	1366.00	0.83	268.20	1364.78	-15.86	-34.55	40°13'49.91"	-110°5'41.16"	1.91	224.05	-12.23
	1396.00	0.53	257.53	1394.78	-15.90	-34.90	40°13'49.91"	-110°5'41.16"	1.08	197.61	-12.23
	1426.00	0.75	236.39	1424.77	-16.04	-35.20	40°13'49.91"	-110°5'41.17"	1.06	302.08	-12.33
	1456.00	1.14	207.47	1454.77	-16.41	-35.50	40°13'49.91"	-110°5'41.17"	2.01	294.21	-12.67
	1486.00	1.32	214.20	1484.76	-16.96	-35.84	40°13'49.90"	-110°5'41.17"	0.77	42.15	-13.19
	1516.00	1.41	205.54	1514.76	-17.58	-36.19	40°13'49.90"	-110°5'41.18"	0.75	289.20	-13.77
	1546.00	1.80	203.12	1544.74	-18.35	-36.53	40°13'49.89"	-110°5'41.18"	1.32	348.93	-14.49
	1566.00	2.37	197.63	1564.73	-19.03	-36.78	40°13'49.88"	-110°5'41.19"	3.02	337.93	-15.15
TIE-INTO SURFACE SURVEYS											
BACK TO VERTICAL	1803.00	0.00	0.00	1801.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	1.00	180.00	-19.64
BEGIN NUDGE @ 1.5°/100'	2353.00	0.00	0.00	2351.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	0.00	0.00	-19.64
END NUDGE	2919.67	8.50	246.00	2916.25	-40.77	-76.60	40°13'49.67"	-110°5'41.70"	1.50	246.00	-32.68

5D Plan Report

Salient Points (Relative to Slot centre, TVD relative to Well TVD Reference)											
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)
KOP, BUILD @ 8°/100'	8755.00	8.50	246.00	8687.49	-391.58	-864.54	40°13'46.20"	-110°5'51.86"	0.00	0.00	-300.64
LANDING POINT	9886.44	87.07	359.82	9439.20	286.69	-964.43	40°13'52.90"	-110°5'53.15"	8.00	113.98	384.31
TD @ 19105.24' MD	19105.24	87.07	359.82	9911.00	9493.36	-993.84	40°15'23.89"	-110°5'53.53"	0.00	0.00	9545.23
RATHOLE TD	19240.24	87.07	359.82	9917.91	9628.18	-994.27	40°15'25.22"	-110°5'53.54"	0.00	0.00	9679.39

Interpolated Points (Relative to Slot centre, TVD relative to Well TVD Reference)												
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	T.Rate (°/100 US ft)
	0.00	0.00	0.00	0.00	0.00	0.00	40°13'50.07"	-110°5'40.71"	0.00	0.00	0.00	0.00
	121.00	0.35	246.45	121.00	-0.15	-0.34	40°13'50.07"	-110°5'40.72"	0.29	246.45	-0.11	0.00
	151.00	0.26	235.20	151.00	-0.22	-0.48	40°13'50.07"	-110°5'40.72"	0.36	208.10	-0.17	-37.50
	179.00	0.26	211.29	179.00	-0.31	-0.56	40°13'50.07"	-110°5'40.72"	0.38	258.05	-0.25	-85.39
	210.00	0.40	233.40	210.00	-0.44	-0.69	40°13'50.07"	-110°5'40.72"	0.60	53.70	-0.37	71.32
	239.00	0.40	221.36	239.00	-0.57	-0.84	40°13'50.06"	-110°5'40.72"	0.29	263.98	-0.49	-41.52
	266.00	0.70	229.31	266.00	-0.75	-1.02	40°13'50.06"	-110°5'40.72"	1.14	18.27	-0.64	29.44
	294.00	0.92	198.02	293.99	-1.08	-1.22	40°13'50.06"	-110°5'40.73"	1.73	280.23	-0.95	-111.75
	322.00	1.10	206.33	321.99	-1.53	-1.41	40°13'50.05"	-110°5'40.73"	0.83	43.34	-1.38	29.68
	351.00	0.75	216.13	350.99	-1.94	-1.65	40°13'50.05"	-110°5'40.73"	1.32	160.52	-1.76	33.79
	379.00	0.88	208.39	378.98	-2.27	-1.86	40°13'50.05"	-110°5'40.74"	0.61	315.83	-2.07	-27.64
	406.00	1.32	219.95	405.98	-2.69	-2.15	40°13'50.04"	-110°5'40.74"	1.82	32.62	-2.46	42.81
	434.00	1.27	202.73	433.97	-3.23	-2.48	40°13'50.04"	-110°5'40.74"	1.40	254.13	-2.95	-61.50
	466.00	1.76	213.27	465.96	-3.96	-2.89	40°13'50.03"	-110°5'40.75"	1.76	34.96	-3.65	32.94
	496.00	1.76	206.64	495.94	-4.76	-3.35	40°13'50.02"	-110°5'40.75"	0.68	266.69	-4.39	-22.10
	526.00	1.98	219.25	525.93	-5.58	-3.88	40°13'50.01"	-110°5'40.76"	1.55	68.27	-5.15	42.03
	556.00	2.11	205.98	555.91	-6.47	-4.45	40°13'50.01"	-110°5'40.77"	1.63	278.66	-5.98	-44.23
	586.00	2.64	215.07	585.88	-7.53	-5.09	40°13'50.00"	-110°5'40.78"	2.16	40.00	-6.97	30.30
	616.00	2.59	208.66	615.85	-8.70	-5.81	40°13'49.98"	-110°5'40.79"	0.99	257.11	-8.05	-21.37
	646.00	2.90	208.97	645.82	-9.95	-6.51	40°13'49.97"	-110°5'40.80"	1.03	2.90	-9.23	1.03
	676.00	3.16	209.80	675.78	-11.34	-7.28	40°13'49.96"	-110°5'40.81"	0.88	9.99	-10.53	2.77
	706.00	3.56	215.56	705.73	-12.81	-8.24	40°13'49.94"	-110°5'40.82"	1.74	43.06	-11.90	19.20
	736.00	4.22	211.95	735.66	-14.50	-9.36	40°13'49.93"	-110°5'40.83"	2.35	337.83	-13.47	-12.03
	766.00	3.82	214.99	765.58	-16.26	-10.52	40°13'49.91"	-110°5'40.85"	1.51	153.46	-15.09	10.13
	796.00	3.82	216.30	795.52	-17.88	-11.68	40°13'49.89"	-110°5'40.86"	0.29	90.65	-16.59	4.37
	826.00	4.00	221.62	825.45	-19.47	-12.97	40°13'49.88"	-110°5'40.88"	1.35	66.28	-18.04	17.73
	856.00	3.47	225.84	855.38	-20.89	-14.32	40°13'49.86"	-110°5'40.90"	1.99	154.68	-19.30	14.07
	886.00	3.25	233.97	885.33	-22.02	-15.66	40°13'49.85"	-110°5'40.91"	1.75	118.80	-20.29	27.10
	916.00	2.86	244.39	915.29	-22.84	-17.02	40°13'49.84"	-110°5'40.93"	2.26	130.21	-20.97	34.73
	946.00	2.77	253.17	945.25	-23.38	-18.39	40°13'49.84"	-110°5'40.95"	1.47	106.15	-21.36	29.27
	976.00	2.81	261.88	975.22	-23.69	-19.81	40°13'49.84"	-110°5'40.97"	1.42	88.97	-21.53	29.03
	1006.00	2.90	269.08	1005.18	-23.81	-21.30	40°13'49.83"	-110°5'40.99"	1.23	79.53	-21.49	24.00

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Well TVD Reference)												
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	T.Rate (°/100 US ft)
	1036.00	2.99	273.48	1035.14	-23.77	-22.84	40°13'49.84"	-110°5'41.01"	0.81	70.50	-21.30	14.67
	1066.00	2.99	283.58	1065.10	-23.54	-24.38	40°13'49.84"	-110°5'41.03"	1.75	95.04	-20.91	33.67
	1096.00	3.52	292.51	1095.05	-23.00	-25.99	40°13'49.84"	-110°5'41.05"	2.44	48.25	-20.21	29.77
	1126.00	3.25	294.35	1125.00	-22.30	-27.61	40°13'49.85"	-110°5'41.07"	0.97	159.00	-19.34	6.13
	1156.00	3.30	308.55	1154.95	-21.41	-29.06	40°13'49.86"	-110°5'41.09"	2.70	93.58	-18.31	47.33
	1186.00	2.94	316.50	1184.91	-20.32	-30.27	40°13'49.87"	-110°5'41.10"	1.87	133.68	-17.10	26.50
	1216.00	3.08	320.81	1214.86	-19.13	-31.31	40°13'49.88"	-110°5'41.11"	0.89	60.42	-15.81	14.37
	1246.00	2.64	320.02	1244.83	-17.98	-32.26	40°13'49.89"	-110°5'41.13"	1.47	184.72	-14.57	-2.63
	1276.00	1.98	325.07	1274.80	-17.02	-33.00	40°13'49.90"	-110°5'41.14"	2.30	165.37	-13.54	16.83
	1306.00	1.32	313.25	1304.79	-16.36	-33.55	40°13'49.91"	-110°5'41.14"	2.46	201.45	-12.83	-39.40
	1336.00	1.14	296.90	1334.78	-15.99	-34.07	40°13'49.91"	-110°5'41.15"	1.31	234.83	-12.40	-54.50
	1366.00	0.83	268.20	1364.78	-15.86	-34.55	40°13'49.91"	-110°5'41.16"	1.91	224.05	-12.23	-95.67
	1396.00	0.53	257.53	1394.78	-15.90	-34.90	40°13'49.91"	-110°5'41.16"	1.08	197.61	-12.23	-35.57
	1426.00	0.75	236.39	1424.77	-16.04	-35.20	40°13'49.91"	-110°5'41.17"	1.06	302.08	-12.33	-70.47
	1456.00	1.14	207.47	1454.77	-16.41	-35.50	40°13'49.91"	-110°5'41.17"	2.01	294.21	-12.67	-96.40
	1486.00	1.32	214.20	1484.76	-16.96	-35.84	40°13'49.90"	-110°5'41.17"	0.77	42.15	-13.19	22.43
	1516.00	1.41	205.54	1514.76	-17.58	-36.19	40°13'49.90"	-110°5'41.18"	0.75	289.20	-13.77	-28.87
	1546.00	1.80	203.12	1544.74	-18.35	-36.53	40°13'49.89"	-110°5'41.18"	1.32	348.93	-14.49	-8.07
TIE-INTO SURFACE SURVEYS	1566.00	2.37	197.63	1564.73	-19.03	-36.78	40°13'49.88"	-110°5'41.19"	3.02	337.93	-15.15	-27.45
	1600.00	2.03	197.63	1598.71	-20.27	-37.18	40°13'49.87"	-110°5'41.19"	1.00	180.00	-16.34	0.00
	1700.00	1.03	197.63	1698.67	-22.82	-37.99	40°13'49.84"	-110°5'41.20"	1.00	180.00	-18.79	-0.00
BACK TO VERTICAL	1800.00	0.03	197.63	1798.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	1.00	180.00	-19.64	-0.00
	1803.00	0.00	0.00	1801.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	1.00	180.00	-19.64	0.00
	1900.00	0.00	0.00	1898.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	0.00	0.00	-19.64	0.00
	2000.00	0.00	0.00	1998.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	0.00	0.00	-19.64	0.00
	2100.00	0.00	0.00	2098.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	0.00	0.00	-19.64	0.00
Usable Water :	2105.11	0.00	0.00	2103.78	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	0.00	0.00	-19.64	0.00
	2200.00	0.00	0.00	2198.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	0.00	0.00	-19.64	0.00
	2300.00	0.00	0.00	2298.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	0.00	0.00	-19.64	0.00
BEGIN NUDGE @ 1.5°/100'	2353.00	0.00	0.00	2351.66	-23.70	-38.27	40°13'49.84"	-110°5'41.20"	0.00	0.00	-19.64	0.00
	2400.00	0.71	246.00	2398.66	-23.82	-38.53	40°13'49.83"	-110°5'41.21"	1.50	246.00	-19.73	0.00
	2500.00	2.21	246.00	2498.63	-24.85	-40.85	40°13'49.82"	-110°5'41.24"	1.50	0.00	-20.52	0.00
	2600.00	3.71	246.00	2598.49	-26.95	-45.56	40°13'49.80"	-110°5'41.30"	1.50	0.00	-22.12	-0.00
	2700.00	5.20	246.00	2698.19	-30.11	-52.66	40°13'49.77"	-110°5'41.39"	1.50	0.00	-24.54	0.00
	2800.00	6.71	246.00	2797.64	-34.33	-62.13	40°13'49.73"	-110°5'41.51"	1.50	0.00	-27.76	-0.00
	2900.00	8.20	246.00	2896.80	-39.60	-73.99	40°13'49.68"	-110°5'41.67"	1.50	0.00	-31.79	0.00
END NUDGE	2919.67	8.50	246.00	2916.25	-40.77	-76.60	40°13'49.67"	-110°5'41.70"	1.50	0.00	-32.68	-0.00
	3000.00	8.50	246.00	2995.70	-45.60	-87.44	40°13'49.62"	-110°5'41.84"	0.00	0.00	-36.37	0.00

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Well TVD Reference)												
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	T.Rate (°/100 US ft)
	3100.00	8.50	246.00	3094.61	-51.61	-100.95	40°13'49.56"	-110°5'42.01"	0.00	0.00	-40.96	0.00
	3200.00	8.50	246.00	3193.51	-57.62	-114.45	40°13'49.50"	-110°5'42.19"	0.00	0.00	-45.55	0.00
	3300.00	8.50	246.00	3292.41	-63.63	-127.95	40°13'49.44"	-110°5'42.36"	0.00	0.00	-50.14	0.00
	3400.00	8.50	246.00	3391.31	-69.64	-141.46	40°13'49.38"	-110°5'42.54"	0.00	0.00	-54.73	0.00
	3500.00	8.50	246.00	3490.21	-75.66	-154.96	40°13'49.32"	-110°5'42.71"	0.00	0.00	-59.33	0.00
	3600.00	8.50	246.00	3589.11	-81.67	-168.46	40°13'49.26"	-110°5'42.88"	0.00	0.00	-63.92	0.00
	3700.00	8.50	246.00	3688.02	-87.68	-181.96	40°13'49.20"	-110°5'43.06"	0.00	0.00	-68.51	0.00
Green River Formation :	3747.48	8.50	246.00	3734.97	-90.53	-188.38	40°13'49.18"	-110°5'43.14"	0.00	0.00	-70.69	0.00
	3800.00	8.50	246.00	3786.92	-93.69	-195.47	40°13'49.14"	-110°5'43.23"	0.00	0.00	-73.10	0.00
	3900.00	8.50	246.00	3885.82	-99.70	-208.97	40°13'49.08"	-110°5'43.41"	0.00	0.00	-77.69	0.00
	4000.00	8.50	246.00	3984.72	-105.72	-222.47	40°13'49.03"	-110°5'43.58"	0.00	0.00	-82.29	0.00
	4100.00	8.50	246.00	4083.62	-111.73	-235.98	40°13'48.97"	-110°5'43.75"	0.00	0.00	-86.88	0.00
	4200.00	8.50	246.00	4182.52	-117.74	-249.48	40°13'48.91"	-110°5'43.93"	0.00	0.00	-91.47	0.00
	4300.00	8.50	246.00	4281.42	-123.75	-262.98	40°13'48.85"	-110°5'44.10"	0.00	0.00	-96.06	0.00
	4400.00	8.50	246.00	4380.33	-129.76	-276.49	40°13'48.79"	-110°5'44.28"	0.00	0.00	-100.65	0.00
	4500.00	8.50	246.00	4479.23	-135.77	-289.99	40°13'48.73"	-110°5'44.45"	0.00	0.00	-105.25	0.00
	4600.00	8.50	246.00	4578.13	-141.79	-303.49	40°13'48.67"	-110°5'44.62"	0.00	0.00	-109.84	0.00
	4700.00	8.50	246.00	4677.03	-147.80	-317.00	40°13'48.61"	-110°5'44.80"	0.00	0.00	-114.43	0.00
	4800.00	8.50	246.00	4775.93	-153.81	-330.50	40°13'48.55"	-110°5'44.97"	0.00	0.00	-119.02	0.00
	4900.00	8.50	246.00	4874.83	-159.82	-344.00	40°13'48.49"	-110°5'45.15"	0.00	0.00	-123.62	0.00
	5000.00	8.50	246.00	4973.74	-165.83	-357.50	40°13'48.43"	-110°5'45.32"	0.00	0.00	-128.21	0.00
	5100.00	8.50	246.00	5072.64	-171.85	-371.01	40°13'48.37"	-110°5'45.49"	0.00	0.00	-132.80	0.00
	5200.00	8.50	246.00	5171.54	-177.86	-384.51	40°13'48.31"	-110°5'45.67"	0.00	0.00	-137.39	0.00
	5300.00	8.50	246.00	5270.44	-183.87	-398.01	40°13'48.25"	-110°5'45.84"	0.00	0.00	-141.98	0.00
	5400.00	8.50	246.00	5369.34	-189.88	-411.52	40°13'48.19"	-110°5'46.02"	0.00	0.00	-146.58	0.00
	5500.00	8.50	246.00	5468.24	-195.89	-425.02	40°13'48.13"	-110°5'46.19"	0.00	0.00	-151.17	0.00
	5600.00	8.50	246.00	5567.15	-201.91	-438.52	40°13'48.07"	-110°5'46.37"	0.00	0.00	-155.76	0.00
	5700.00	8.50	246.00	5666.05	-207.92	-452.03	40°13'48.02"	-110°5'46.54"	0.00	0.00	-160.35	0.00
Trona :	5711.26	8.50	246.00	5677.18	-208.60	-453.55	40°13'48.01"	-110°5'46.56"	0.00	0.00	-160.87	0.00
	5800.00	8.50	246.00	5764.95	-213.93	-465.53	40°13'47.96"	-110°5'46.71"	0.00	0.00	-164.94	0.00
Mahogany Bench :	5843.97	8.50	246.00	5808.44	-216.57	-471.47	40°13'47.93"	-110°5'46.79"	0.00	0.00	-166.96	0.00
	5900.00	8.50	246.00	5863.85	-219.94	-479.03	40°13'47.90"	-110°5'46.89"	0.00	0.00	-169.54	0.00
	6000.00	8.50	246.00	5962.75	-225.95	-492.54	40°13'47.84"	-110°5'47.06"	0.00	0.00	-174.13	0.00
	6100.00	8.50	246.00	6061.65	-231.97	-506.04	40°13'47.78"	-110°5'47.24"	0.00	0.00	-178.72	0.00
	6200.00	8.50	246.00	6160.55	-237.98	-519.54	40°13'47.72"	-110°5'47.41"	0.00	0.00	-183.31	0.00
	6300.00	8.50	246.00	6259.46	-243.99	-533.04	40°13'47.66"	-110°5'47.58"	0.00	0.00	-187.90	0.00
	6400.00	8.50	246.00	6358.36	-250.00	-546.55	40°13'47.60"	-110°5'47.76"	0.00	0.00	-192.50	0.00
	6500.00	8.50	246.00	6457.26	-256.01	-560.05	40°13'47.54"	-110°5'47.93"	0.00	0.00	-197.09	0.00
	6600.00	8.50	246.00	6556.16	-262.03	-573.55	40°13'47.48"	-110°5'48.11"	0.00	0.00	-201.68	0.00

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Well TVD Reference)												
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	T.Rate (°/100 US ft)
Garden Gulch (GG) :	6624.77	8.50	246.00	6580.66	-263.52	-576.90	40°13'47.47"	-110°5'48.15"	0.00	0.00	-202.82	0.00
	6700.00	8.50	246.00	6655.06	-268.04	-587.06	40°13'47.42"	-110°5'48.28"	0.00	0.00	-206.27	0.00
	6800.00	8.50	246.00	6753.96	-274.05	-600.56	40°13'47.36"	-110°5'48.45"	0.00	0.00	-210.86	0.00
Garden Gulch 1 (GG1) :	6877.43	8.50	246.00	6830.54	-278.70	-611.02	40°13'47.32"	-110°5'48.59"	0.00	0.00	-214.42	0.00
	6900.00	8.50	246.00	6852.87	-280.06	-614.06	40°13'47.30"	-110°5'48.63"	0.00	0.00	-215.46	0.00
	7000.00	8.50	246.00	6951.77	-286.07	-627.57	40°13'47.24"	-110°5'48.80"	0.00	0.00	-220.05	0.00
	7100.00	8.50	246.00	7050.67	-292.09	-641.07	40°13'47.18"	-110°5'48.98"	0.00	0.00	-224.64	0.00
	7200.00	8.50	246.00	7149.57	-298.10	-654.57	40°13'47.12"	-110°5'49.15"	0.00	0.00	-229.23	0.00
	7300.00	8.50	246.00	7248.47	-304.11	-668.07	40°13'47.06"	-110°5'49.33"	0.00	0.00	-233.83	0.00
	7400.00	8.50	246.00	7347.37	-310.12	-681.58	40°13'47.01"	-110°5'49.50"	0.00	0.00	-238.42	0.00
	7500.00	8.50	246.00	7446.28	-316.13	-695.08	40°13'46.95"	-110°5'49.67"	0.00	0.00	-243.01	0.00
	7600.00	8.50	246.00	7545.18	-322.15	-708.58	40°13'46.89"	-110°5'49.85"	0.00	0.00	-247.60	0.00
	7700.00	8.50	246.00	7644.08	-328.16	-722.09	40°13'46.83"	-110°5'50.02"	0.00	0.00	-252.19	0.00
Douglas Creek Member :	7765.41	8.50	246.00	7708.77	-332.09	-730.92	40°13'46.79"	-110°5'50.14"	0.00	0.00	-255.20	0.00
	7800.00	8.50	246.00	7742.98	-334.17	-735.59	40°13'46.77"	-110°5'50.20"	0.00	0.00	-256.79	0.00
	7900.00	8.50	246.00	7841.88	-340.18	-749.09	40°13'46.71"	-110°5'50.37"	0.00	0.00	-261.38	0.00
	8000.00	8.50	246.00	7940.78	-346.19	-762.60	40°13'46.65"	-110°5'50.54"	0.00	0.00	-265.97	0.00
	8100.00	8.50	246.00	8039.68	-352.21	-776.10	40°13'46.59"	-110°5'50.72"	0.00	0.00	-270.56	0.00
	8200.00	8.50	246.00	8138.59	-358.22	-789.60	40°13'46.53"	-110°5'50.89"	0.00	0.00	-275.15	0.00
	8300.00	8.50	246.00	8237.49	-364.23	-803.11	40°13'46.47"	-110°5'51.07"	0.00	0.00	-279.75	0.00
	8400.00	8.50	246.00	8336.39	-370.24	-816.61	40°13'46.41"	-110°5'51.24"	0.00	0.00	-284.34	0.00
Lower Black Shale :	8474.66	8.50	246.00	8410.23	-374.73	-826.69	40°13'46.37"	-110°5'51.37"	0.00	0.00	-287.77	0.00
	8500.00	8.50	246.00	8435.29	-376.25	-830.11	40°13'46.35"	-110°5'51.41"	0.00	0.00	-288.93	0.00
Castle Peak Limestone :	8592.59	8.50	246.00	8526.86	-381.82	-842.61	40°13'46.30"	-110°5'51.58"	0.00	0.00	-293.18	0.00
	8600.00	8.50	246.00	8534.19	-382.26	-843.61	40°13'46.29"	-110°5'51.59"	0.00	0.00	-293.52	0.00
	8700.00	8.50	246.00	8633.09	-388.28	-857.12	40°13'46.23"	-110°5'51.76"	0.00	0.00	-298.11	0.00
CP LIMES :	8742.10	8.50	246.00	8674.73	-390.81	-862.80	40°13'46.21"	-110°5'51.84"	0.00	0.00	-300.05	0.00
KOP, BUILD @ 8°/100'	8755.00	8.50	246.00	8687.49	-391.58	-864.54	40°13'46.20"	-110°5'51.86"	0.00	0.00	-300.64	0.00
	8800.00	7.76	271.14	8732.05	-392.88	-870.62	40°13'46.19"	-110°5'51.94"	8.00	113.98	-301.30	55.86
Uteland Butte :	8888.11	10.55	313.20	8819.12	-387.23	-882.47	40°13'46.24"	-110°5'52.09"	8.00	89.09	-294.47	47.74
	8900.00	11.22	316.80	8830.80	-385.64	-884.05	40°13'46.26"	-110°5'52.11"	8.00	47.51	-292.72	30.34
	9000.00	17.85	335.18	8927.59	-364.60	-897.17	40°13'46.47"	-110°5'52.28"	8.00	43.96	-270.45	18.37
Wasatch :	9027.80	19.87	338.06	8953.90	-356.35	-900.72	40°13'46.55"	-110°5'52.33"	8.00	26.14	-261.88	10.37
	9100.00	25.27	343.44	9020.55	-330.18	-909.71	40°13'46.81"	-110°5'52.44"	8.00	23.41	-234.92	7.44
	9200.00	32.95	348.08	9107.87	-283.03	-921.43	40°13'47.27"	-110°5'52.59"	8.00	18.44	-186.82	4.64
Wasatch 10 :	9203.67	33.24	348.21	9110.94	-281.07	-921.84	40°13'47.29"	-110°5'52.60"	8.00	14.38	-184.82	3.62
	9300.00	40.74	351.11	9187.84	-224.09	-932.11	40°13'47.86"	-110°5'52.73"	8.00	14.26	-127.09	3.01

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Well TVD Reference)												
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	T.Rate (°/100 US ft)
Wasatch 12 :	9304.71	41.11	351.23	9191.40	-221.04	-932.58	40°13'47.89"	-110°5'52.74"	8.00	11.94	-124.00	2.52
	9400.00	48.59	353.31	9258.90	-154.49	-941.53	40°13'48.54"	-110°5'52.85"	8.00	11.85	-56.89	2.18
Wasatch 15 :	9498.75	56.38	355.02	9318.99	-76.63	-949.42	40°13'49.31"	-110°5'52.95"	8.00	10.37	21.37	1.72
	9500.00	56.48	355.04	9319.69	-75.59	-949.52	40°13'49.32"	-110°5'52.95"	8.00	9.33	22.42	1.56
Wasatch 15 Base Lime :	9582.18	62.97	356.23	9361.10	-4.86	-954.89	40°13'50.02"	-110°5'53.02"	8.00	9.32	93.32	1.45
	9600.00	64.38	356.47	9369.00	11.08	-955.91	40°13'50.18"	-110°5'53.04"	8.00	8.72	109.28	1.35
	9700.00	72.29	357.72	9405.89	103.82	-960.58	40°13'51.10"	-110°5'53.10"	8.00	8.61	202.01	1.25
	9800.00	80.22	358.87	9429.64	200.84	-963.45	40°13'52.05"	-110°5'53.13"	8.00	8.15	298.81	1.15
LANDING POINT	9886.44	87.07	359.82	9439.20	286.69	-964.43	40°13'52.90"	-110°5'53.15"	8.00	7.88	384.31	1.10
Wasatch 15 Target :	9892.21	87.07	359.82	9439.50	292.44	-964.45	40°13'52.96"	-110°5'53.15"	0.00	0.00	390.03	0.00
	9900.00	87.07	359.82	9439.90	300.23	-964.48	40°13'53.04"	-110°5'53.15"	0.00	0.00	397.78	0.00
	10000.00	87.07	359.82	9445.02	400.10	-964.79	40°13'54.02"	-110°5'53.15"	0.00	0.00	497.15	0.00
	10100.00	87.07	359.82	9450.13	499.96	-965.11	40°13'55.01"	-110°5'53.16"	0.00	0.00	596.52	0.00
	10200.00	87.07	359.82	9455.25	599.83	-965.43	40°13'56.00"	-110°5'53.16"	0.00	0.00	695.90	0.00
Wasatch 18 :	10217.00	87.07	359.82	9456.12	616.81	-965.49	40°13'56.17"	-110°5'53.16"	0.00	0.00	712.79	0.00
	10300.00	87.07	359.82	9460.37	699.70	-965.75	40°13'56.98"	-110°5'53.16"	0.00	0.00	795.27	0.00
	10400.00	87.07	359.82	9465.49	799.57	-966.07	40°13'57.97"	-110°5'53.17"	0.00	0.00	894.64	0.00
	10500.00	87.07	359.82	9470.61	899.44	-966.39	40°13'58.96"	-110°5'53.17"	0.00	0.00	994.01	0.00
	10600.00	87.07	359.82	9475.72	999.31	-966.71	40°13'59.95"	-110°5'53.18"	0.00	0.00	1093.38	0.00
	10700.00	87.07	359.82	9480.84	1099.18	-967.03	40°14'0.93"	-110°5'53.18"	0.00	0.00	1192.76	0.00
	10800.00	87.07	359.82	9485.96	1199.04	-967.35	40°14'1.92"	-110°5'53.18"	0.00	0.00	1292.13	0.00
	10900.00	87.07	359.82	9491.08	1298.91	-967.67	40°14'2.91"	-110°5'53.19"	0.00	0.00	1391.50	0.00
	11000.00	87.07	359.82	9496.19	1398.78	-967.98	40°14'3.89"	-110°5'53.19"	0.00	0.00	1490.87	0.00
	11100.00	87.07	359.82	9501.31	1498.65	-968.30	40°14'4.88"	-110°5'53.20"	0.00	0.00	1590.25	0.00
	11200.00	87.07	359.82	9506.43	1598.52	-968.62	40°14'5.87"	-110°5'53.20"	0.00	0.00	1689.62	0.00
	11300.00	87.07	359.82	9511.55	1698.39	-968.94	40°14'6.85"	-110°5'53.21"	0.00	0.00	1788.99	0.00
	11400.00	87.07	359.82	9516.67	1798.25	-969.26	40°14'7.84"	-110°5'53.21"	0.00	0.00	1888.36	0.00
	11500.00	87.07	359.82	9521.78	1898.12	-969.58	40°14'8.83"	-110°5'53.21"	0.00	0.00	1987.73	0.00
	11600.00	87.07	359.82	9526.90	1997.99	-969.90	40°14'9.82"	-110°5'53.22"	0.00	0.00	2087.11	0.00
	11700.00	87.07	359.82	9532.02	2097.86	-970.22	40°14'10.80"	-110°5'53.22"	0.00	0.00	2186.48	0.00
	11800.00	87.07	359.82	9537.14	2197.73	-970.54	40°14'11.79"	-110°5'53.23"	0.00	0.00	2285.85	0.00
	11900.00	87.07	359.82	9542.25	2297.60	-970.86	40°14'12.78"	-110°5'53.23"	0.00	0.00	2385.22	0.00
	12000.00	87.07	359.82	9547.37	2397.47	-971.17	40°14'13.76"	-110°5'53.23"	0.00	0.00	2484.60	0.00
	12100.00	87.07	359.82	9552.49	2497.33	-971.49	40°14'14.75"	-110°5'53.24"	0.00	0.00	2583.97	0.00
	12200.00	87.07	359.82	9557.61	2597.20	-971.81	40°14'15.74"	-110°5'53.24"	0.00	0.00	2683.34	0.00
	12300.00	87.07	359.82	9562.72	2697.07	-972.13	40°14'16.72"	-110°5'53.25"	0.00	0.00	2782.71	0.00
	12400.00	87.07	359.82	9567.84	2796.94	-972.45	40°14'17.71"	-110°5'53.25"	0.00	0.00	2882.08	0.00
	12500.00	87.07	359.82	9572.96	2896.81	-972.77	40°14'18.70"	-110°5'53.26"	0.00	0.00	2981.46	0.00
	12600.00	87.07	359.82	9578.08	2996.68	-973.09	40°14'19.69"	-110°5'53.26"	0.00	0.00	3080.83	0.00
	12700.00	87.07	359.82	9583.20	3096.54	-973.41	40°14'20.67"	-110°5'53.26"	0.00	0.00	3180.20	0.00

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Well TVD Reference)												
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	T.Rate (°/100 US ft)
	12800.00	87.07	359.82	9588.31	3196.41	-973.73	40°14'21.66"	-110°5'53.27"	0.00	0.00	3279.57	0.00
	12900.00	87.07	359.82	9593.43	3296.28	-974.05	40°14'22.65"	-110°5'53.27"	0.00	0.00	3378.95	0.00
	13000.00	87.07	359.82	9598.55	3396.15	-974.37	40°14'23.63"	-110°5'53.28"	0.00	0.00	3478.32	0.00
	13100.00	87.07	359.82	9603.67	3496.02	-974.68	40°14'24.62"	-110°5'53.28"	0.00	0.00	3577.69	0.00
	13200.00	87.07	359.82	9608.78	3595.89	-975.00	40°14'25.61"	-110°5'53.28"	0.00	0.00	3677.06	0.00
	13300.00	87.07	359.82	9613.90	3695.76	-975.32	40°14'26.59"	-110°5'53.29"	0.00	0.00	3776.43	0.00
	13400.00	87.07	359.82	9619.02	3795.62	-975.64	40°14'27.58"	-110°5'53.29"	0.00	0.00	3875.81	0.00
	13500.00	87.07	359.82	9624.14	3895.49	-975.96	40°14'28.57"	-110°5'53.30"	0.00	0.00	3975.18	0.00
	13600.00	87.07	359.82	9629.26	3995.36	-976.28	40°14'29.55"	-110°5'53.30"	0.00	0.00	4074.55	0.00
	13700.00	87.07	359.82	9634.37	4095.23	-976.60	40°14'30.54"	-110°5'53.31"	0.00	0.00	4173.92	0.00
	13800.00	87.07	359.82	9639.49	4195.10	-976.92	40°14'31.53"	-110°5'53.31"	0.00	0.00	4273.30	0.00
	13900.00	87.07	359.82	9644.61	4294.97	-977.24	40°14'32.52"	-110°5'53.31"	0.00	0.00	4372.67	0.00
	14000.00	87.07	359.82	9649.73	4394.83	-977.56	40°14'33.50"	-110°5'53.32"	0.00	0.00	4472.04	0.00
	14100.00	87.07	359.82	9654.84	4494.70	-977.87	40°14'34.49"	-110°5'53.32"	0.00	0.00	4571.41	0.00
	14200.00	87.07	359.82	9659.96	4594.57	-978.19	40°14'35.48"	-110°5'53.33"	0.00	0.00	4670.78	0.00
	14300.00	87.07	359.82	9665.08	4694.44	-978.51	40°14'36.46"	-110°5'53.33"	0.00	0.00	4770.16	0.00
	14400.00	87.07	359.82	9670.20	4794.31	-978.83	40°14'37.45"	-110°5'53.33"	0.00	0.00	4869.53	0.00
	14500.00	87.07	359.82	9675.32	4894.18	-979.15	40°14'38.44"	-110°5'53.34"	0.00	0.00	4968.90	0.00
	14600.00	87.07	359.82	9680.43	4994.05	-979.47	40°14'39.42"	-110°5'53.34"	0.00	0.00	5068.27	0.00
	14700.00	87.07	359.82	9685.55	5093.91	-979.79	40°14'40.41"	-110°5'53.35"	0.00	0.00	5167.65	0.00
	14800.00	87.07	359.82	9690.67	5193.78	-980.11	40°14'41.40"	-110°5'53.35"	0.00	0.00	5267.02	0.00
	14900.00	87.07	359.82	9695.79	5293.65	-980.43	40°14'42.39"	-110°5'53.36"	0.00	0.00	5366.39	0.00
	15000.00	87.07	359.82	9700.90	5393.52	-980.75	40°14'43.37"	-110°5'53.36"	0.00	0.00	5465.76	0.00
	15100.00	87.07	359.82	9706.02	5493.39	-981.06	40°14'44.36"	-110°5'53.36"	0.00	0.00	5565.13	0.00
	15200.00	87.07	359.82	9711.14	5593.26	-981.38	40°14'45.35"	-110°5'53.37"	0.00	0.00	5664.51	0.00
	15300.00	87.07	359.82	9716.26	5693.12	-981.70	40°14'46.33"	-110°5'53.37"	0.00	0.00	5763.88	0.00
	15400.00	87.07	359.82	9721.37	5792.99	-982.02	40°14'47.32"	-110°5'53.38"	0.00	0.00	5863.25	0.00
	15500.00	87.07	359.82	9726.49	5892.86	-982.34	40°14'48.31"	-110°5'53.38"	0.00	0.00	5962.62	0.00
	15600.00	87.07	359.82	9731.61	5992.73	-982.66	40°14'49.29"	-110°5'53.38"	0.00	0.00	6062.00	0.00
	15700.00	87.07	359.82	9736.73	6092.60	-982.98	40°14'50.28"	-110°5'53.39"	0.00	0.00	6161.37	0.00
	15800.00	87.07	359.82	9741.85	6192.47	-983.30	40°14'51.27"	-110°5'53.39"	0.00	0.00	6260.74	0.00
	15900.00	87.07	359.82	9746.96	6292.33	-983.62	40°14'52.25"	-110°5'53.40"	0.00	0.00	6360.11	0.00
	16000.00	87.07	359.82	9752.08	6392.20	-983.94	40°14'53.24"	-110°5'53.40"	0.00	0.00	6459.48	0.00
	16100.00	87.07	359.82	9757.20	6492.07	-984.25	40°14'54.23"	-110°5'53.41"	0.00	0.00	6558.86	0.00
	16200.00	87.07	359.82	9762.32	6591.94	-984.57	40°14'55.22"	-110°5'53.41"	0.00	0.00	6658.23	0.00
	16300.00	87.07	359.82	9767.43	6691.81	-984.89	40°14'56.20"	-110°5'53.41"	0.00	0.00	6757.60	0.00
	16400.00	87.07	359.82	9772.55	6791.68	-985.21	40°14'57.19"	-110°5'53.42"	0.00	0.00	6856.97	0.00
	16500.00	87.07	359.82	9777.67	6891.55	-985.53	40°14'58.18"	-110°5'53.42"	0.00	0.00	6956.35	0.00
	16600.00	87.07	359.82	9782.79	6991.41	-985.85	40°14'59.16"	-110°5'53.43"	0.00	0.00	7055.72	0.00
	16700.00	87.07	359.82	9787.91	7091.28	-986.17	40°15'0.15"	-110°5'53.43"	0.00	0.00	7155.09	0.00
	16800.00	87.07	359.82	9793.02	7191.15	-986.49	40°15'1.14"	-110°5'53.43"	0.00	0.00	7254.46	0.00

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Well TVD Reference)												
Comment	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (° ' ")	Longitude (° ' ")	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	T.Rate (°/100 US ft)
	16900.00	87.07	359.82	9798.14	7291.02	-986.81	40°15'2.12"	-110°5'53.44"	0.00	0.00	7353.83	0.00
	17000.00	87.07	359.82	9803.26	7390.89	-987.13	40°15'3.11"	-110°5'53.44"	0.00	0.00	7453.21	0.00
	17100.00	87.07	359.82	9808.38	7490.76	-987.44	40°15'4.10"	-110°5'53.45"	0.00	0.00	7552.58	0.00
	17200.00	87.07	359.82	9813.49	7590.62	-987.76	40°15'5.09"	-110°5'53.45"	0.00	0.00	7651.95	0.00
	17300.00	87.07	359.82	9818.61	7690.49	-988.08	40°15'6.07"	-110°5'53.46"	0.00	0.00	7751.32	0.00
	17400.00	87.07	359.82	9823.73	7790.36	-988.40	40°15'7.06"	-110°5'53.46"	0.00	0.00	7850.70	0.00
	17500.00	87.07	359.82	9828.85	7890.23	-988.72	40°15'8.05"	-110°5'53.46"	0.00	0.00	7950.07	0.00
	17600.00	87.07	359.82	9833.97	7990.10	-989.04	40°15'9.03"	-110°5'53.47"	0.00	0.00	8049.44	0.00
	17700.00	87.07	359.82	9839.08	8089.97	-989.36	40°15'10.02"	-110°5'53.47"	0.00	0.00	8148.81	0.00
	17800.00	87.07	359.82	9844.20	8189.84	-989.68	40°15'11.01"	-110°5'53.48"	0.00	0.00	8248.18	0.00
	17900.00	87.07	359.82	9849.32	8289.70	-990.00	40°15'11.99"	-110°5'53.48"	0.00	0.00	8347.56	0.00
	18000.00	87.07	359.82	9854.44	8389.57	-990.32	40°15'12.98"	-110°5'53.48"	0.00	0.00	8446.93	0.00
	18100.00	87.07	359.82	9859.55	8489.44	-990.63	40°15'13.97"	-110°5'53.49"	0.00	0.00	8546.30	0.00
	18200.00	87.07	359.82	9864.67	8589.31	-990.95	40°15'14.96"	-110°5'53.49"	0.00	0.00	8645.67	0.00
	18300.00	87.07	359.82	9869.79	8689.18	-991.27	40°15'15.94"	-110°5'53.50"	0.00	0.00	8745.04	0.00
	18400.00	87.07	359.82	9874.91	8789.05	-991.59	40°15'16.93"	-110°5'53.50"	0.00	0.00	8844.42	0.00
	18500.00	87.07	359.82	9880.03	8888.91	-991.91	40°15'17.92"	-110°5'53.51"	0.00	0.00	8943.79	0.00
	18600.00	87.07	359.82	9885.14	8988.78	-992.23	40°15'18.90"	-110°5'53.51"	0.00	0.00	9043.16	0.00
	18700.00	87.07	359.82	9890.26	9088.65	-992.55	40°15'19.89"	-110°5'53.51"	0.00	0.00	9142.53	0.00
	18800.00	87.07	359.82	9895.38	9188.52	-992.87	40°15'20.88"	-110°5'53.52"	0.00	0.00	9241.91	0.00
	18900.00	87.07	359.82	9900.50	9288.39	-993.19	40°15'21.86"	-110°5'53.52"	0.00	0.00	9341.28	0.00
	19000.00	87.07	359.82	9905.61	9388.26	-993.51	40°15'22.85"	-110°5'53.53"	0.00	0.00	9440.65	0.00
	19100.00	87.07	359.82	9910.73	9488.13	-993.83	40°15'23.84"	-110°5'53.53"	0.00	0.00	9540.02	0.00
TD @ 19105.24' MD	19105.24	87.07	359.82	9911.00	9493.36	-993.84	40°15'23.89"	-110°5'53.53"	0.00	0.00	9545.23	0.00
	19200.00	87.07	359.82	9915.85	9587.99	-994.14	40°15'24.82"	-110°5'53.53"	0.00	0.00	9639.39	0.00
RATHOLE TD	19240.24	87.07	359.82	9917.91	9628.18	-994.27	40°15'25.22"	-110°5'53.54"	0.00	0.00	9679.39	0.00

Formation Points (Relative to Slot centre, TVD relative to Well TVD Reference)				
Name	MD (US ft)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)
Usable Water	2105.11	2103.78	-23.70	-38.27
Green River Formation	3747.48	3734.97	-90.53	-188.38
Trona	5711.26	5677.18	-208.60	-453.55
Mahogany Bench	5843.97	5808.44	-216.57	-471.47
Garden Gulch (GG)	6624.77	6580.66	-263.52	-576.90
Garden Gulch 1 (GG1)	6877.43	6830.54	-278.70	-611.02
Douglas Creek Member	7765.41	7708.77	-332.09	-730.92
Lower Black Shale	8474.66	8410.23	-374.73	-826.69
Castle Peak Limestone	8592.59	8526.87	-381.82	-842.61
CP LIMES	8742.10	8674.73	-390.81	-862.80

5D Plan Report

Formation Points (Relative to Slot centre, TVD relative to Well TVD Reference)					
Name	MD (US ft)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	
Uteland Butte	8888.11	8819.12	-387.23	-882.47	
Wasatch	9027.80	8953.90	-356.35	-900.72	
Wasatch 10	9203.67	9110.94	-281.07	-921.84	
Wasatch 12	9304.71	9191.40	-221.04	-932.58	
Wasatch 15	9498.75	9318.99	-76.63	-949.42	
Wasatch 15 Base Lime	9582.18	9361.10	-4.86	-954.89	
Wasatch 15 Target	9892.21	9439.50	292.44	-964.45	
Wasatch 18	10217.00	9456.12	616.81	-965.49	

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Patterson 290
Submitted By Alvin Nielsen & Jared Bouzek Phone Number
307-212-4856

Well Name/Number Ute Tribal 14-10-3-3-2W-MW
Qtr/Qtr SW/SE Section 10 Township 3S Range 2W
Lease Serial Number Patented
API Number 4301352270000 52297

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

Date/Time _____ AM PM

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

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

Date/Time 10/21/2014 20:00 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 Patterson# 290 should run 9 5/8" casing on 10/21/2014
@ 20:00 on the Ute Tribal 14-10-3-3-2W-MW

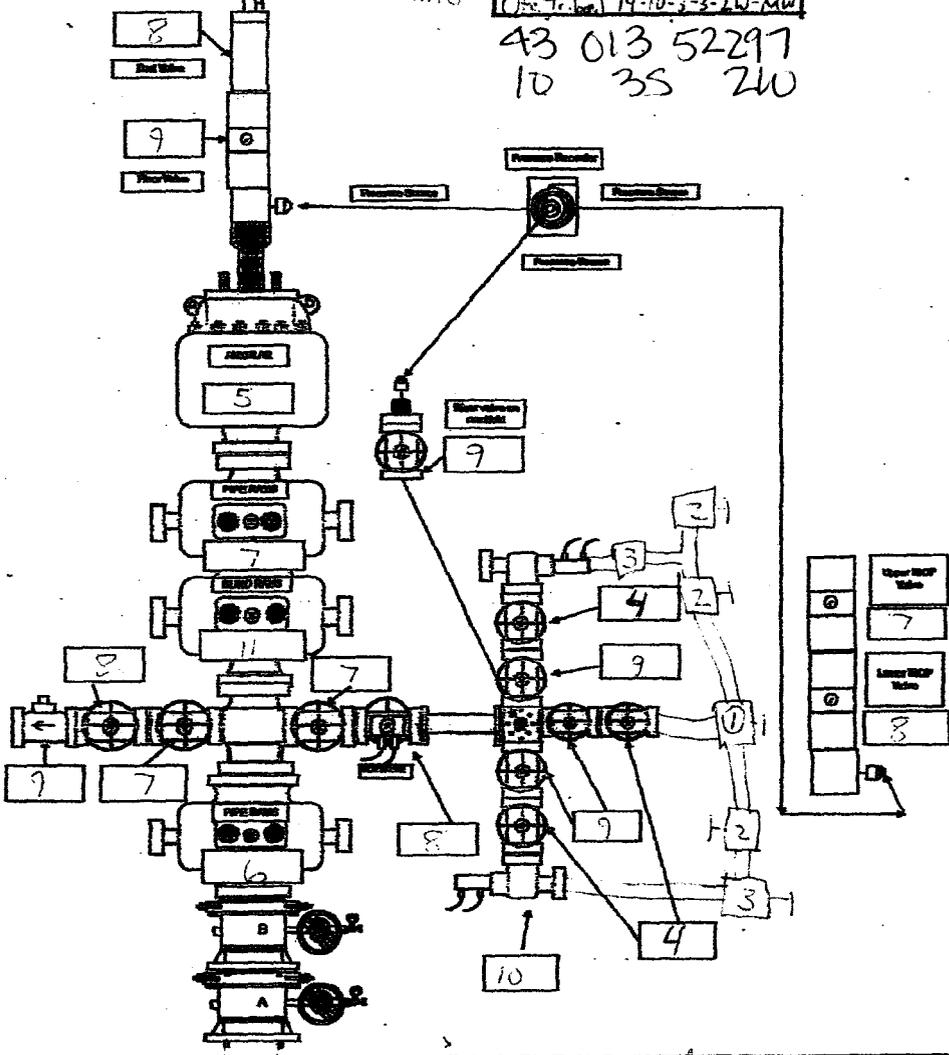
RECEIVED

OCT 21 2014

DIV. OF OIL, GAS & MINING

DATE	10/13 - 10/14/2014
COMPANY	Newfield
CONTRACTOR	Patterson 290
WELL HEADS	(See Tr. log) 14-10-3-3-2W-MW

43 013 52297
10 35 210



Casing
⑫

Mudline
⑥

DATE: 10-14-14

ACCUMULATOR FUNCTION TEST

WELL: Trinidad 14-10-3-3-ZW-MW

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR (OO #2 III.A.2.c.i. or ii or iii)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
3. Open HCR valve. (If applicable)
4. Close annular.
5. Close all pipe rams.
6. Open one set of pipe rams to simulate closing the blind rams.
7. If you have a 3 Ram stack open the annular to achieve the 50 +/- % safety factor for 5M and greater systems.
8. Accumulator pressure should be 200 psi over precharge pressure (Accumulator working pressure (1,500 psi = 750 desired psi) (2,000 and 3,000 psi = 1,000 desired psi)).

9. RECORD THE REMAINING PRESSURE 1,300 PSI

If annular is closed, open it at this time and close HCR.

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS (OO #2 III.A.2.f.)

Shut the accumulator bottles or spherical (Isolate them from the pumps & manifold) open the bleed off valve to the tank (Manifold psi should go to zero psi) close bleed valve.

1. Open the HCR valve. (If applicable)
2. Close annular.
3. With pumps only, time how long it takes to re-gain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)).

4. RECORD ELAPSED TIME 1 min 32 sec PSI (2 minutes or less)

TO CHECK THE PRECHARGE ON THE BOTTLES OR SPHERICAL (OO #2 III.A.2.d.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to tank.
3. Watch and record where the pressure drops (Accumulator psi).

4. RECORD THE PRESSURE DROP 900 PSI

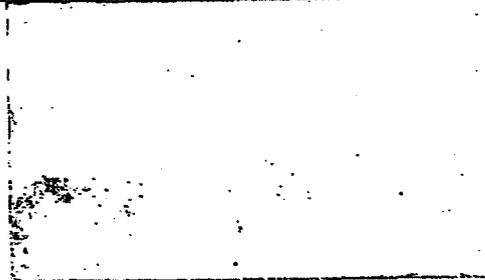
If pressure drops below MINIMUM precharge (Accumulator working pressure (1,500 psi = 700 psi minimum) (2,000 and 3,000 psi = 900 psi minimum)) each bottle shall be independently checked with a gauge.

DATE: 10/13-10/14/14 COMPANY: Newfield REC: Patterson 290 Well Name & # 14-10-3-3-20-MW

Time	Test No.	Results
7:25 AM <input type="checkbox"/> PM <input type="checkbox"/>	1	Downstream Manifold Valve <input type="checkbox"/> Pass <input type="checkbox"/> Fail
7:54 AM <input type="checkbox"/> PM <input type="checkbox"/>	2	Downstream Manifold Valves <input type="checkbox"/> Pass <input type="checkbox"/> Fail
8:15 AM <input type="checkbox"/> PM <input type="checkbox"/>	3	Downstream Manifold Valves <input type="checkbox"/> Pass <input type="checkbox"/> Fail
8:37 AM <input type="checkbox"/> PM <input type="checkbox"/>	4	Outside Manifold Valves <input type="checkbox"/> Pass <input type="checkbox"/> Fail
7:13 AM <input type="checkbox"/> PM <input type="checkbox"/>	5	Annular <input type="checkbox"/> Pass <input type="checkbox"/> Fail
8:24 AM <input type="checkbox"/> PM <input type="checkbox"/>	6	Mudline, Lower Pipe Rams <input type="checkbox"/> Pass <input type="checkbox"/> Fail
8:47 AM <input type="checkbox"/> PM <input type="checkbox"/>	7	Upper Pipe Rams, Inside Manual Kill or Choke, Hydr. IBOP <input type="checkbox"/> Pass <input type="checkbox"/> Fail
9:07 AM <input type="checkbox"/> PM <input type="checkbox"/>	8	Outside Manual Kill, HCR, Dart, Man IBOP <input type="checkbox"/> Pass <input type="checkbox"/> Fail
9:42 AM <input type="checkbox"/> PM <input type="checkbox"/>	9	Check Valve, TICW, Inside Manifold Valves, Riser <input type="checkbox"/> Pass <input type="checkbox"/> Fail
10:04 AM <input type="checkbox"/> PM <input type="checkbox"/>	10	Super Choke <input type="checkbox"/> Pass <input type="checkbox"/> Fail
10:25 AM <input type="checkbox"/> PM <input type="checkbox"/>	11	Blind Rams <input type="checkbox"/> Pass <input type="checkbox"/> Fail
11:25 AM <input type="checkbox"/> PM <input type="checkbox"/>	12	Casing <input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	13	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	14	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Acc. Tank Size (inches) | W | D | U ÷ 231 = gal

Rock Springs, WY (307) 342-3330
 BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
 INTEGRITY TESTING
 NIPPLE UP CREWS, NITROGEN CHARGING SERVICE



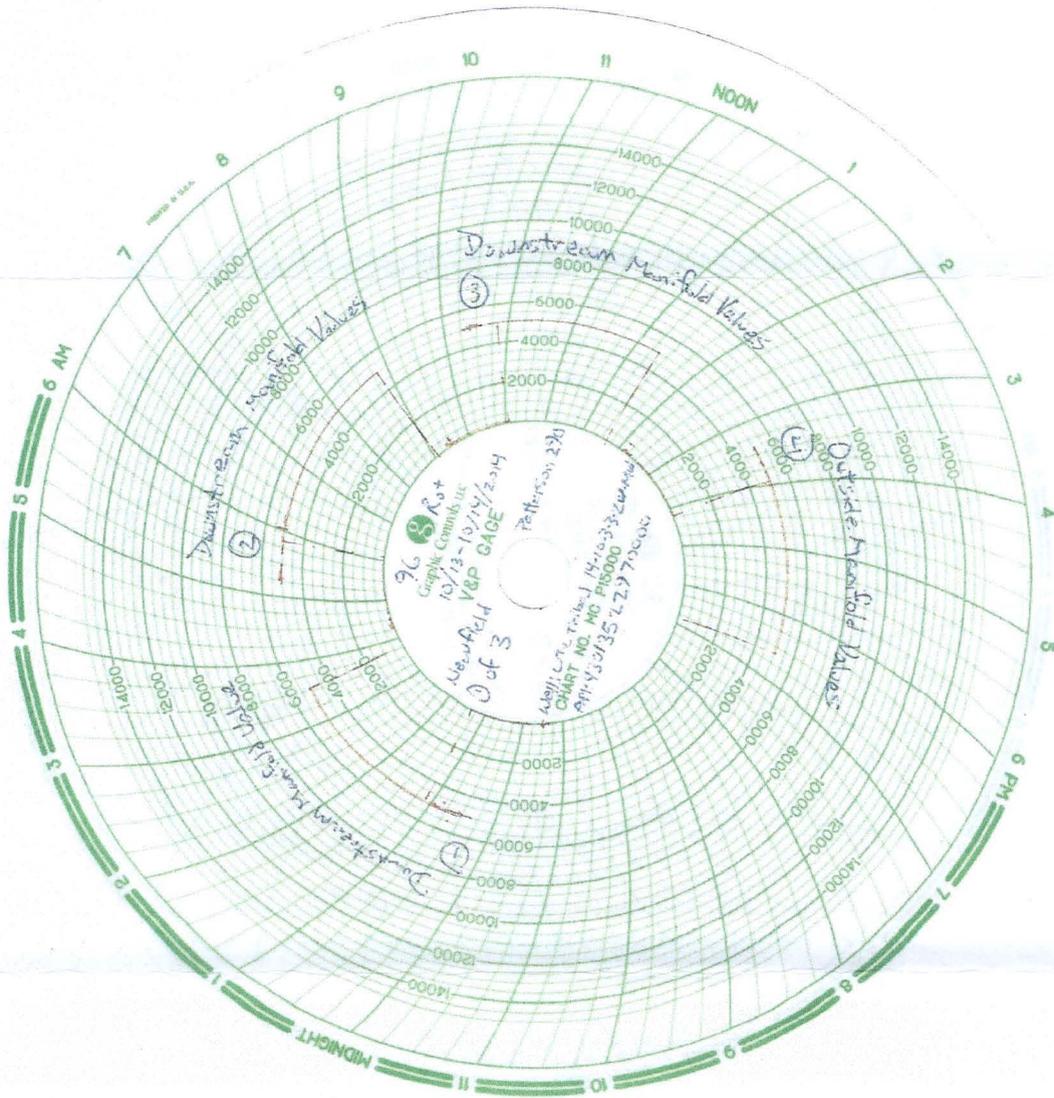
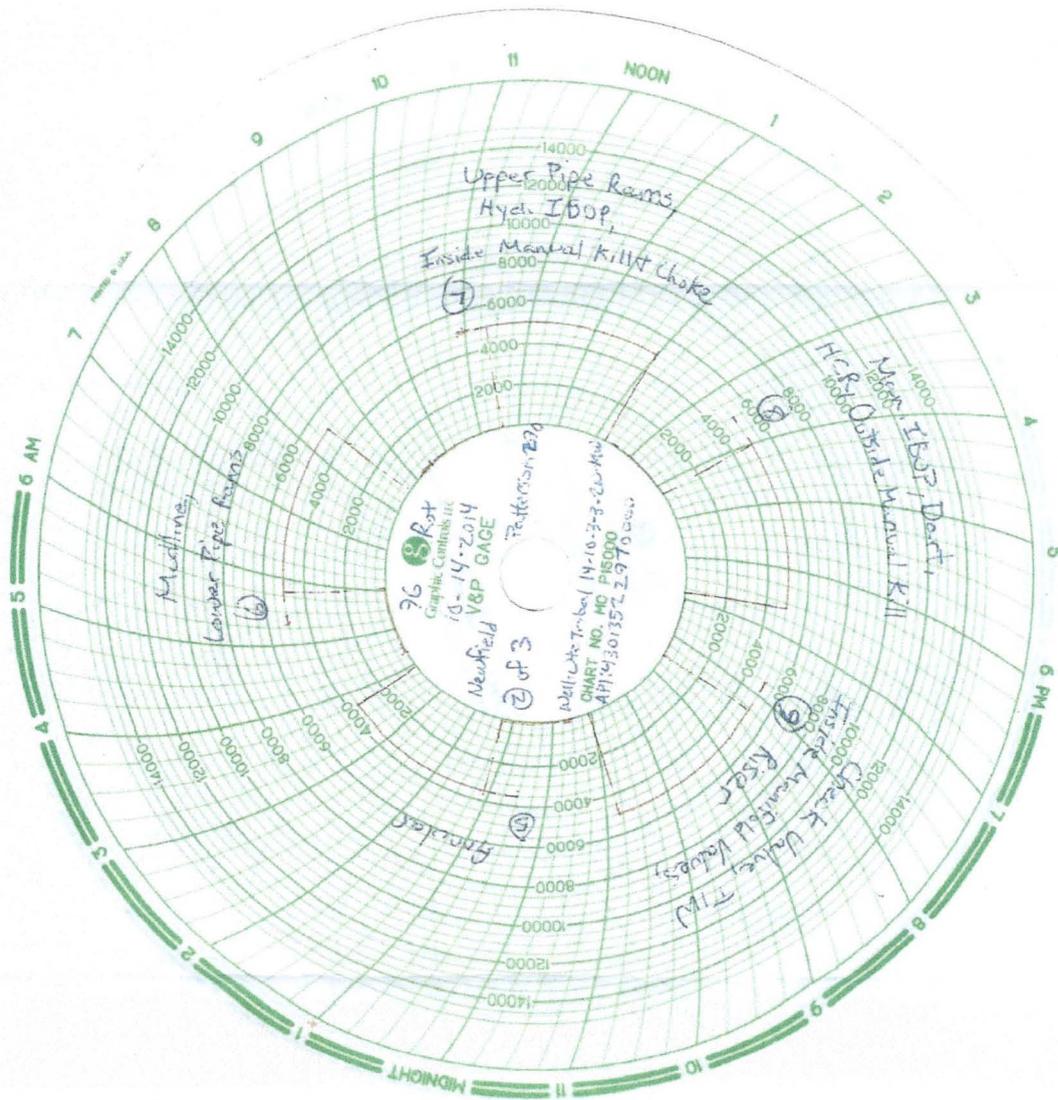
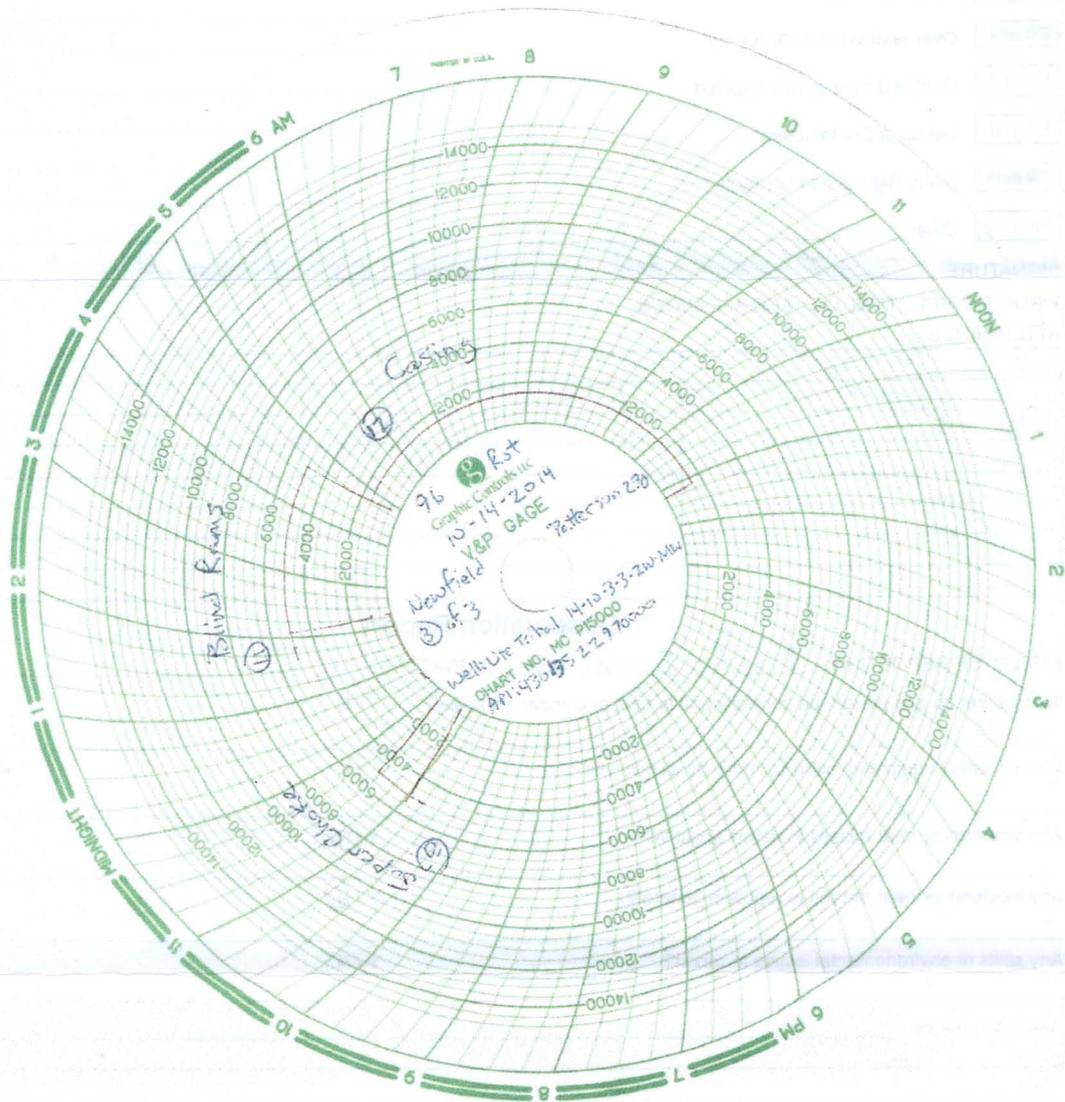


Chart # 2 on reverse





Job observation on reverse

WALKER INSPECTION,LLC.
REBEL TESTING · EAGER BEAVER TESTERS
WYOMING · COLORADO · NORTH DAKOTA

Daily JSA/Observation Report

OPERATOR: Newfield DATE: 10-13-2014
LOCATION: Ute Tribal 14-10-33-2W-MW CONTRACTOR: Patterson 290
EMPLOYEE NAME: Dustin Redmond

- High Pressure Testing
- Working Below Platform
- Requires PPE
- Overhead Work is Occurring
- Confined Spaces are Involved
- Set up of Containment
- Using Rig Hoist to Lift Tools
- Other: _____

COMMENTS: Safety First

SIGNATURE: [Signature] DATE: 10-13-2014

WALKER INSPECTION, LLC. AND AFFILIATES

ATTENDANCE:

<u>[Signature]</u>		

Observation Report

EMPLOYEE REPORTING: Dustin Redmond SIGNATURE: [Signature]

- Was job set up and performed correctly and to best of companies ability? Y N
- Was all safety equipment used correctly by all involved? Y N
- Any incidents or near misses to report about WI? Y N
- Any incidents or near misses to report in general? Y N
- Any spills or environmental issues to report? Y N

Basic Comments: _____

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Patterson 290
Submitted By Mike Woolsey & Jared Bouzek Phone Number
307-212-4856

Well Name/Number Ute Tribal 14-10-3-3-2W-MW
Qtr/Qtr SW/SE Section 10 Township 3S Range 2W
Lease Serial Number Patented
API Number ~~4301352270000~~ 4301352299

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

Date/Time _____ AM PM

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

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

Date/Time 11/11/2014 06:00 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 Patterson# 290 should run 9 5/8" casing on 11/11/2014
@ 06:00 on the Ute Tribal 14-10-3-3-2W-MW

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Patterson 290
Submitted By Mike Woolsey & Bill Snapp Phone Number 307-212-4856

Well Name/Number Ute Tribal 14-10-3-3-2W-MW
Qtr/Qtr SW/SE Section 10 Township 3S Range 2W
Lease Serial Number Patented
API Number ~~4301352270000~~

43 013 57299

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

Date/Time _____ AM PM

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

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

Date/Time 11/29/2014 06:00 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

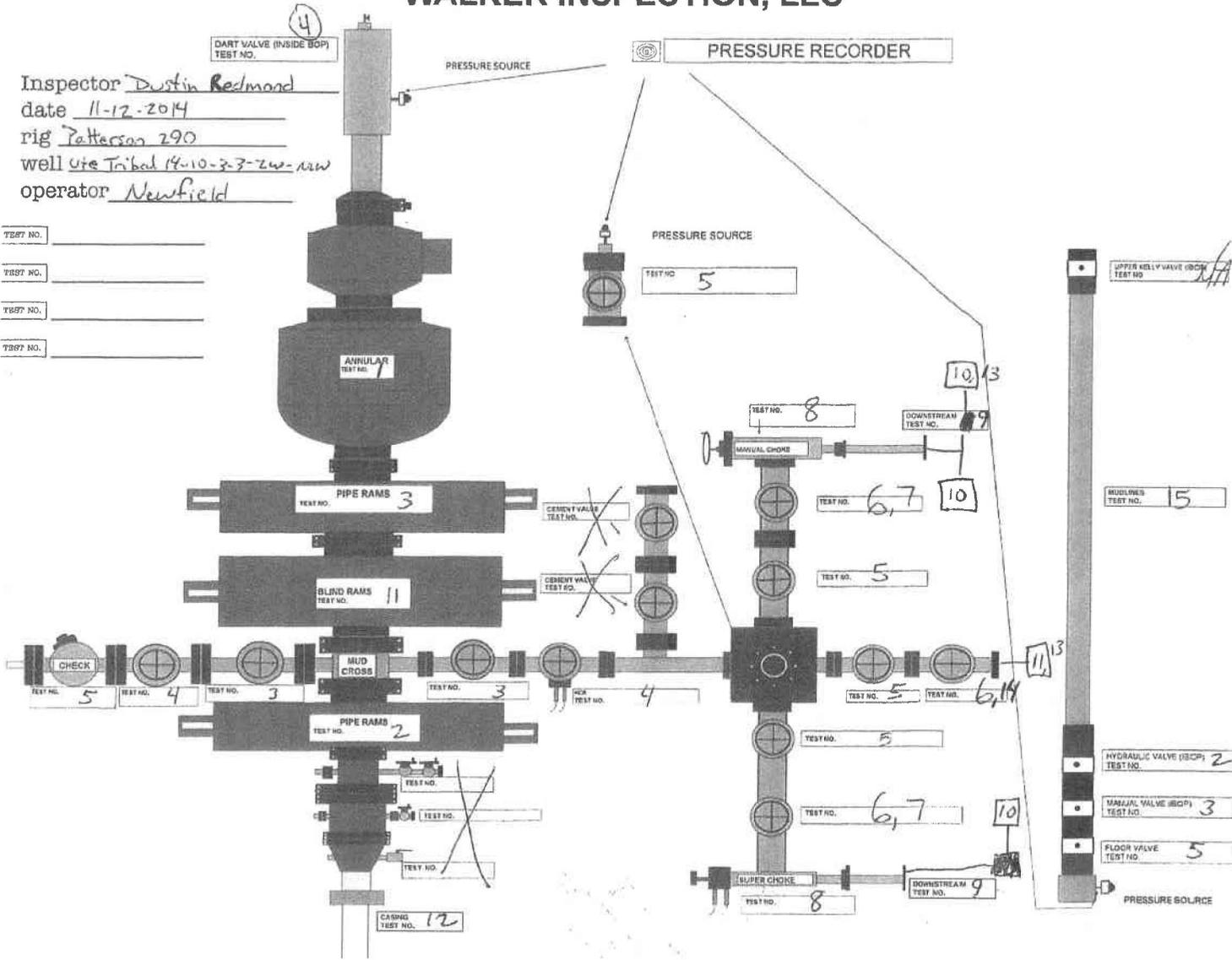
Remarks Patterson# 290 should run 5.5" casing on 11/29/2014 @ 06:00 on the Ute Tribal 14-10-3-3-2W-MW

43 01352297
 10 3S 2W

WALKER INSPECTION, LLC

Inspector Dustin Redmond
 date 11-12-2014
 rig Patterson 290
 well Ute Tribal 14-10-3-3-2W-11W
 operator Newfield

- TS97 NO. _____
- TS97 NO. _____
- TS97 NO. _____
- TS97 NO. _____



WALKER INSPECTION, LLC

Accumulator Function Test

Lease # 14-10-33-20-MW Operator Newfield
Rig Name & # Patterson 290 Location 1/4 1/4 T R
Inspector Dustin Redmond Date 11-12-2014

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR (O.S.O. #2 section, III.A.2.c.i. or ii or iii)

1. Make sure all rams and annular are open and if applicable HCR is closed.
2. Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
3. Open HCR Valve. (if applicable)
4. Close annular.
5. Close all pipe rams.
6. Open one set of pipe rams to simulate closing the blind ram.
7. If you have a 3 ram stack, open the annular to achieve the 50=% safety factor for 5M and greater systems.
8. Accumulator pressure should be 200 psi above the **desired** pre-charge pressure, (Accumulator working pressure {1500psi = 750 **desired** psi} { 2000 and 3000 psi = 1000 **desired** psi})
9. Record the remaining pressure 1,450 psi.
If annular is closed, open it a this time and close the HCR.

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL (O.S.O. #2 section III.A.2.d)

1. The manifold pre-charge pressure **should** be above the **desired** pre-charge pressure, {1500 psi = 750 **desired** psi} {2000 and 3000 psi = 1000 **desired** psi} may need to use pumps to pressure back up.
2. With power to pump shut off open bleed line to the tank.
3. Watch and record where the pressure drops, (**accumulator** psi).

Record the pressure drop 925 psi.

If the pressure drops below the MINIMUM pre-charge, (Accumulator working pressure {1500 psi = 700 min.} {2000 and 3000psi = 1900psi min.}, each bottle shall be independently checked with a gauge and recharged with nitrogen to the desired pre-charge pressure. (Accumulator working pressure {1500psi = 750 **desired** psi} { 2000 and 3000 psi = 1000 **desired** psi}).

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS (O.S.O. #2 section III.A.2.f.)

Shut the accumulator bottles or spherical, (isolate them from the pumps & manifold) open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.

1. Open the HCR valve, (if applicable).
2. Close annular.
3. With **pumps** only, time how long it takes to regain manifold pressure to 200 psi over **desired** pre-charge pressure! (Accumulator working pressure {1500psi = 750 **desired** psi} { 2000 and 3000 psi = 1000 **desired** psi}).
4. Record elapsed time 1 min 29 sec, (2 minutes or less)
Open bottles or spherical back up and turn pumps on.

DATE: 11-12-14 / 11-13-14
 COMPANY: Newfield

RIG: Patterson 290

UIC Trib: 14-10-3-3-ZW-MW
 WELL NAME & #:

TIME	TEST NO.	RESULTS
4:24 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	1 Annular	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
4:46 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	2 Lower Pipe Rams, Hyd IBOP	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
5:07 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	3 Upper Pipe Rams, Inside Man Kill/Choke, Man IBOP	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
5:33 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	4 Outside Man Kill, HCB, Dart	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
6:00 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	5 Check Valve, TIW, Inside Manifold Valve, Riser	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
6:28 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	6 Outside Manifold Valves	PASS <input type="checkbox"/> FAIL <input checked="" type="checkbox"/>
8:46 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	7 Outside Manifold Valves	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
9:09 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	8 Downstream Manifold Valves Supe Choke	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
9:15 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	9 Downstream Manifold Valves	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
9:34 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	10 Downstream Manifold Valves	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
9:58 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	11 Blind Rams, Downstream Manifold Valves	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
10:56 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	12 Casing	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
10:11 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	13 Downstream Manifold Valves (Choke Flanges)	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
10:40 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	14 Outside Manifold Valve	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
11:58 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	15 RETEST Mudline	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	RETEST	PASS <input type="checkbox"/> FAIL <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	RETEST	PASS <input type="checkbox"/> FAIL <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	RETEST	PASS <input type="checkbox"/> FAIL <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	RETEST	PASS <input type="checkbox"/> FAIL <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	RETEST	PASS <input type="checkbox"/> FAIL <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	RETEST	PASS <input type="checkbox"/> FAIL <input type="checkbox"/>

Acc. Tank Size (Inches) (_____ W _____ D _____ L) 231= _____ gal.

WALKER INSPECTION, LLC

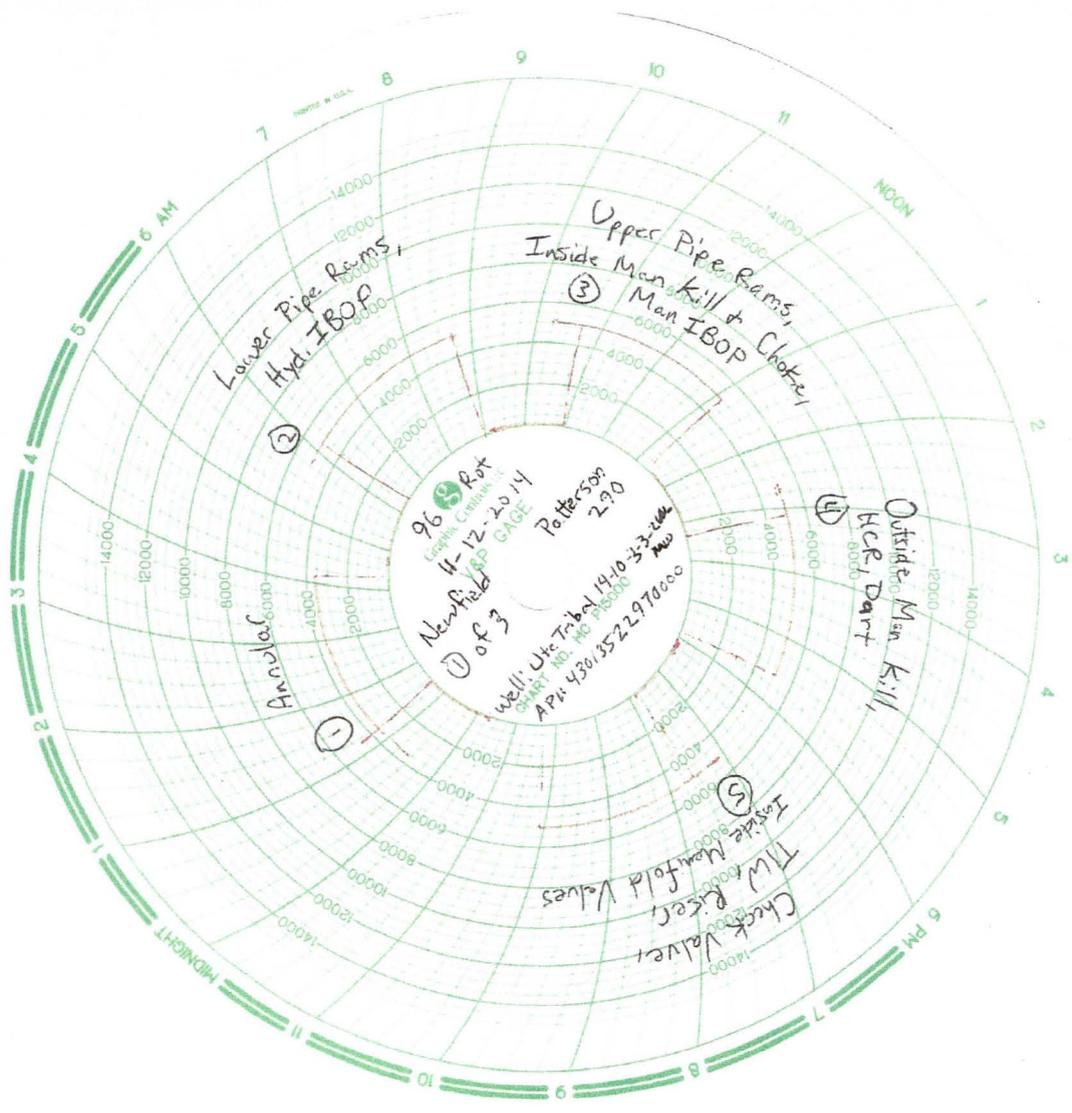
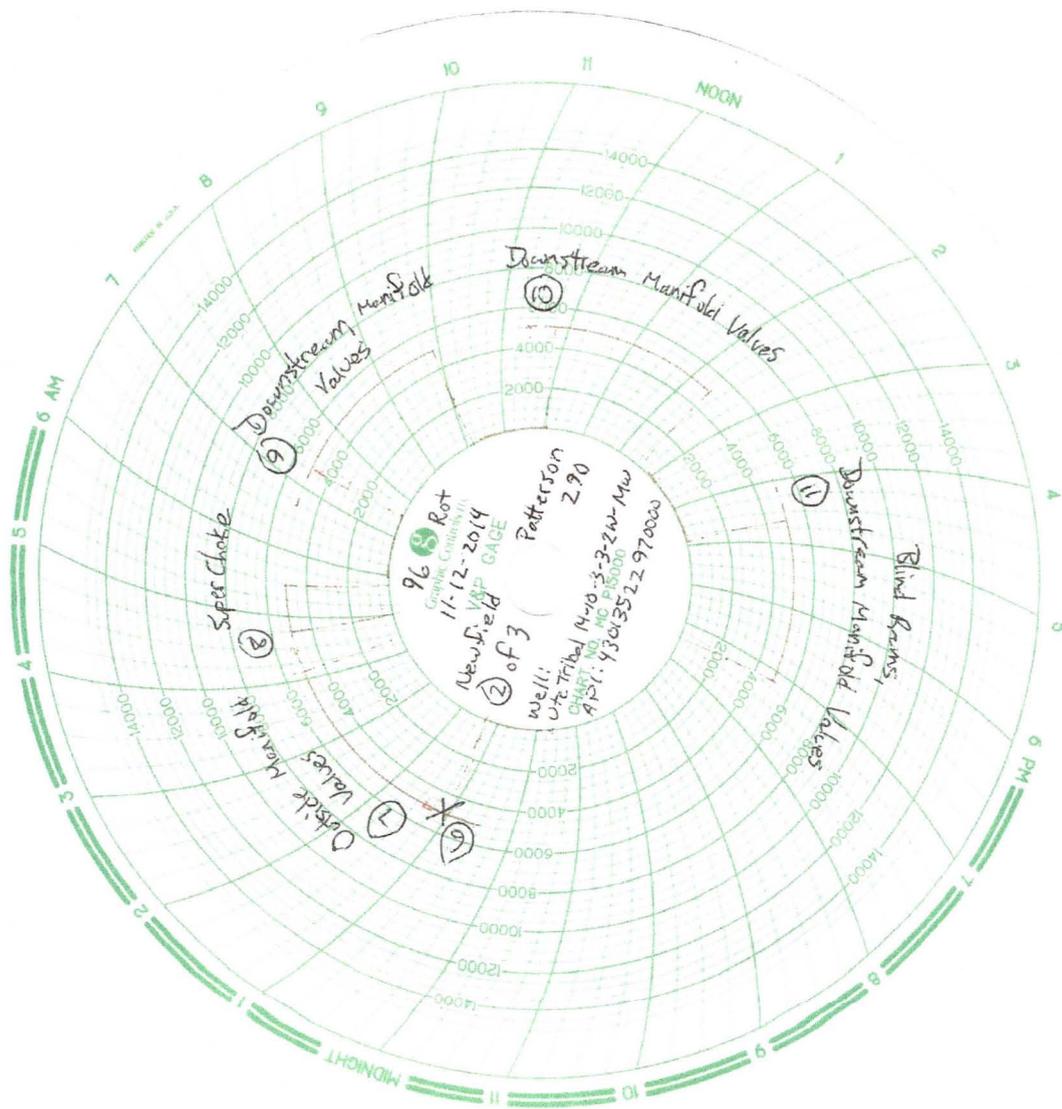
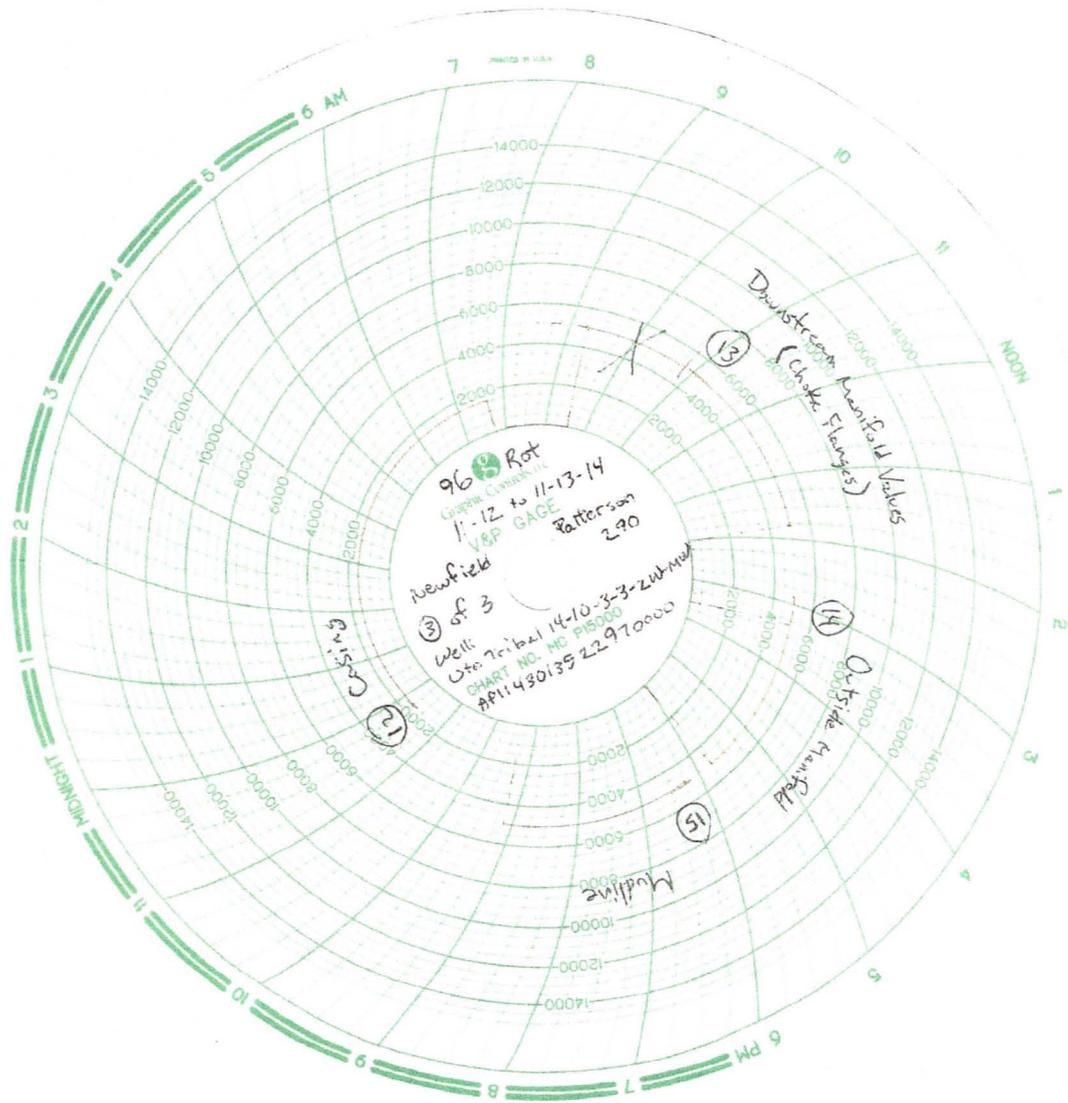


Chart # Don Reverse





Job observ on Reverse

RECEIVED

NOV 17 2014

1468

WALKER INSPECTION, LLC.
REBEL TESTING · EAGER BEAVER TESTERS
WYOMING · COLORADO · NORTH DAKOTA

DIV. OF OIL, GAS & MINING

Daily JSA/Observation Report

OPERATOR: Newfield
LOCATION: Ute Tribal 14-10-3-3-2W-MW
EMPLOYEE NAME: Dustin Redmond

DATE: 11-12-2014 / 11-13-2014
CONTRACTOR: Patterson 290

- High Pressure Testing
- Working Below Platform
- Requires PPE
- Overhead Work is Occurring
- Fill in if: Confined Spaces are Involved
- Fill in if: Set up of Containment
- Using Rig Hoist to Lift Tools
- Fill in if: Other: _____

COMMENTS: Safety used

SIGNATURE: [Signature]

DATE: 11-12-2014 / 11-13-14

WALKER INSPECTION, LLC. AND AFFILIATES

ATTENDANCE:

<u>[Signature]</u>		
<u>[Signature]</u>		

Observation Report

EMPLOYEE REPORTING: Dustin Redmond SIGNATURE: [Signature]

- Was job set up and performed correctly and to best of companies ability? Y N
- Was all safety equipment used correctly by all involved? Y N
- Any incidents or near misses to report about WI? Y N
- Any incidents or near misses to report in general? Y N
- Any spills or environmental issues to report? Y N

Basic Comments: _____

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.
1420H626269

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
UTE TRIBAL 14-10-3-2W-UW

9. API Well No.
43-013-52297

10. Field and Pool or Exploratory
UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area
SEC 10 T3S R2W Mer UBM

12. County or Parish
DUCHESNE

13. State
UT

17. Elevations (DF, RKB, RT, GL.)*
5344' GL 5372' KB

1a. Type of Well Oil Well Gas Well Dry Other

1b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
Other: _____

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

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

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

At surface 376' FSL 2340' FEL (SW/SE) SEC 10 T3S R2W

At top prod. interval reported below 1055' FSL 2040' FWL (SE/SW) SEC 10 T3S R2W

At total depth 234' FNL 1944' FWL (NE/NW) SEC 3 T3S R2W

14. Date Spudded
10/13/2014

15. Date T.D. Reached
12/02/2014

16. Date Completed 02/23/2015
 D & A Ready to Prod.

18. Total Depth: MD 19282'
TVD 9883'

19. Plug Back T.D.: MD 19220'
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
19-1/2"	13-3/8" J-55	54.5	0'	1642'		1215 CLASS G			
12-5/8"	9-5/8" N-80	40	0'	8629'		1215 VARICEM			
						545Expandacem			
8-7/8"	5.1/2" P-110	20	0'	19,268'		2240 Elastiseal			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	10,008'	18,993'	10,008' - 18,993' MD	0.38	1077	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
10,008' - 18,993' MD	Frac w/ 4,026,750#s of proppant sand in 125,858 bbls of clean fluid, in 40 stages.

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

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
2/22/15	3/2/15	24	→	645	578	680			FLOWING
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 DOUGLAS CREEK	6594' 7726'
				CASTLE PEAK UTELAND BUTTE	8547' 8839'
				WASATCH WASTACH 15	8972' 9323'

32. Additional remarks (include plugging procedure):

Bottom producing interval: 558' FNL 1947' FWL (NE/NW) SEC 3 T3S R2W

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 03/25/2015

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.



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date 1/8/2015	Report End Date 1/9/2015	24hr Activity Summary Install tbg head
Start Time 00:00	End Time 10:30	Comment JSA and safety meeting with all vendors. Install FMC TC-1A-ENS Tbg head(13 5/8" – 10K STDD btm x 5 1/8"-10K STDD top with 2 – 1 13/16"-10K M-130 Plus gate valves on each side outlet). Retrieving too' for TWCV would not go through tbg head. Sent it to be turned down.
Start Time 10:30	End Time 19:45	Comment Wait on retrieving tool.
Start Time 19:45	End Time 20:30	Comment Well had 170 Psi on well. Bleed off pressure into cellar. Bled off about 2 to 3 gallons of water and pressure bled off. Well head 0 Psi. Install FMC TC-1A-ENS tbg head(13 5/8" – 10K STDD btm x 5 1/8"-10K STDD top with 2- 1 13/16"-10K M-130 Plus gate valves on each side outlet). Retrieving tool for TWCV, Retrieve TWCV, FMC crew off location. Shut down for night.
Start Time 20:30	End Time 00:00	Comment SDFN
Report Start Date 1/9/2015	Report End Date 1/10/2015	24hr Activity Summary NU frac stack, test stack, log well
Start Time 00:00	End Time 07:00	Comment Wait on daylight
Start Time 07:00	End Time 14:30	Comment NU 5 1/8" 10K frac stack and tested.
Start Time 14:30	End Time 00:00	Comment Well shut in, Wait on wire line to run logs
Report Start Date 1/10/2015	Report End Date 1/11/2015	24hr Activity Summary Wait on wireline to log well, Log well.
Start Time 00:00	End Time 03:30	Comment Well shut in, wait on wireline unit to log well.
Start Time 03:30	End Time 12:00	Comment Spot in WL truck. RU lubricator and logging tools. Test lubricator to 5000 psi for 5 minutes. RIH. Punch through drilling mud from 500' to 600'. Run Sector Bond log, GR, and CCL from 9635' to surface. TOC at 2800'.RD lubricator and WL BOP. SWI. Install night cap.
Start Time 12:00	End Time 15:00	Comment Wait on DFIT.
Start Time 15:00	End Time 18:30	Comment MI and spot HES trks. RU and pressure test lines. Test csg to 6000 psi. Open toe sleeve at 6781 psi. Pump 35 bbl recycled water at 5 bpm and 6273 psi. then pump 15 bbl brine at 5bpm and 6054 psi. ISIP 5665 psi. 5 min 4,845, 10 min 4,815, 15 min 4,796, 30 min 4,761. 45 min 4,738,
Start Time 18:30	End Time 00:00	Comment wait on frac
Report Start Date 1/11/2015	Report End Date 1/12/2015	24hr Activity Summary Monitor DFIT
Start Time 00:00	End Time 00:00	Comment Monitor DFIT. 06:05-4413 psi. 14:25-4325 psi.
Report Start Date 1/12/2015	Report End Date 1/13/2015	24hr Activity Summary Monitor DFIT
Start Time 00:00	End Time 00:00	Comment Shut down for night, Monitor well DFIT, wait on well head.

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
1/13/2015	1/14/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor well DFIT, wait on well head.		
1/14/2015	1/15/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor well, DFIT		
1/15/2015	1/16/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor well DFIT		
1/16/2015	1/17/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor DFIT		
1/17/2015	1/18/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor DFIT		
1/18/2015	1/19/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor DFIT		
1/19/2015	1/20/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor DFIT		
1/20/2015	1/21/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor DFIT		
1/21/2015	1/22/2015	Monitor DFIT
Start Time 00:00		End Time 00:00
Comment: Monitor DFIT		
1/22/2015	1/23/2015	Monitor DFIT
Start Time 00:00		End Time 10:00
Comment: Monitor DFIT		
Start Time 10:00		End Time 12:30
Comment: Hold JSA, Spot in & R/U FTS Int. Wireline, R/U 5 1/2" 10K Lubricator		
Start Time 12:30		End Time 13:00
Comment: Pressure test lubricator T/ 4800 psi		
Start Time 13:00		End Time 15:30
Comment: RIH Set WLSRBP @ 5500', Bleed off pressure negative test for 15 minutes, R/D Lubricator & Wireline		
Start Time 15:30		End Time 20:30
Comment: N/D Frac Stack, R/U & Pressure test FMC Lubricator, Install 5" back pressure valve, N/D 5 1/8" 10K Tubing head, NU 13 5/8" X 11" 10K DSA, 11" X 7 1/16" 10K Tubing head, NU 7 1/16" 10K Manuel Frac valve, R/U Lubricator, Pull 5" back pressure valve, N/U 7 1/16" 10K Frac Stack.		



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Start Time			End Time			Comment		
20:30			22:30			RU wireline & NU lubricator. Test lubricator per Newfield's procedures. RIH W/wireline to retrieve RBP @5,500'.		
Start Time			End Time			Comment		
22:30			00:00			Latched onto plug & weight indicator in wireline truck stopped working. Fix indicator & jar on plug 12 times before plug released. TOOH W/wireline & plug @ 100 FPM plug was pulling over in every collar for 2,000'. Stopped hanging up in collars and sped up to 150 FPM. Out of the hole W/plug all intact.		
Report Start Date	Report End Date	24hr Activity Summary						
1/23/2015	1/24/2015	Set RBP @5500' & change out wellheads. NU frac stack. Retrieve RBP						
Start Time			End Time			Comment		
00:00			02:00			NU night cap & test each valve on frac stack individually as per Newfield's procedures.		
Start Time			End Time			Comment		
02:00			00:00			Wait on Frac		
Report Start Date	Report End Date	24hr Activity Summary						
1/24/2015	1/25/2015	SDFN Wait on Frac						
Start Time			End Time			Comment		
00:00			07:00			SDFN & wait on frac		
Start Time			End Time			Comment		
07:00			10:00			B&C Quick test pressure test, PRO'S Flowback lines & manifolds to Newfields standards		
Start Time			End Time			Comment		
10:00			20:00			Goff Trucking load mountain movers w/frac sand.		
Start Time			End Time			Comment		
20:00			00:00			NU & pressure test Weatherford's zipper head.		
Report Start Date	Report End Date	24hr Activity Summary						
1/25/2015	1/26/2015	Goff trucking unloading sand for frac. RU & test zipper frac manifold.						
Start Time			End Time			Comment		
00:00			06:00			SDFN & wait on frac.		
Start Time			End Time			Comment		
06:00			22:00			Move in Halliburton Frac Equipment, RU SLB Crane & equip. R4R RU spill ponds for Halliburton., Haliburton Moving in pump down equipment, Function test Shlumberger BOP'S on Lubricator, Rock water filling pump down tanks W/H2O		
Start Time			End Time			Comment		
22:00			00:00			All frac equipment is in position & ready to frac. Rockwater is transferring H2O into frac tanks. Wait on frac.		
Report Start Date	Report End Date	24hr Activity Summary						
1/26/2015	1/27/2015	MIRU Halliburton frac equipment						
Start Time			End Time			Comment		
00:00			06:00			All frac equipment is in position & ready to frac. Rockwater is transferring H2O into frac tanks. Wait on frac.		
Start Time			End Time			Comment		
06:00			10:00			Halliburton having computer issues Rockwater is transferring H2O into frac tanks		
Start Time			End Time			Comment		
10:00			11:00			The Weatherford zipper manifold had a leak on the barrel of the HCR valve on the 15-10-3-3-2 W-UW side. We relieved all the psi and got about a 1/4" of turn on it and it still leaked. Weatherford is bring out a new seal kit to get it fixed.		
Start Time			End Time			Comment		
11:00			12:30			Halliburton pressure test to 10,500psi, Open up well, pump 11.5 bbls H2O, 10 bbls. 15% HCL Acid, Establish Injection Rate 25 BPM @7560 psi, dropped rate T/14 BPM @ 6440 psi, pumped total of 498 bbls. H2O		
Start Time			End Time			Comment		
12:30			16:30			R/U EP Wireline, Perf: Stage 1 RIH with perf guns to KOP. pumped down guns at 14 bpm @ 6970 Psi, @ 215 fpm, 430 LT. pumped guns to 19,000', Pulled up and got line tension, POH and perfed at 18,990', 18,953'. POOH with tools, max pressure for pump down: 7044 psi, Max rate for pump down- 14bpm. Total BBlS pumped-700., Log out of hole. R/D Wireline		

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sunday Number: 62477 API Well Number: 43013522970000

Report Start Date 1/27/2015			Report End Date 1/28/2015			24hr Activity Summary Frac & P&P		
Start Time 16:30		End Time 20:00		Comment R/U Haliburton, Frac Stage #1. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 13 holes open, 1776 psi perf friction, 704 psi NWB as per FracPro. 3. Had a lower pH during pad to to FE-2A being on. 4. Had rate fluctuating during pad and 4 ppg sand. 5. Stage treated well with all proppant placed. BC-200-7.1% (13.3), FR-76-9.3% (1.5), CL-31-7.2% (2) MO-67-2.1% (1.4), Scalesorb 7-8.6% (9.4), Vicon NF-6.4% (15), Losurf 300D-2.5% (4.3) Cat 3/4-7.1% (3.3), FE-2A-5.1% (1.9), BE-9-7.4% (3.8)				
Start Time 20:00		End Time 00:00		Comment RIH with perf guns & plug to KOP. pumped down tools at 15 bpm @ 6850 Psi, @ 250 fpm, 592 LT, pumped plug to 18,826', Pulled up and got line tension & set of plug, waited for 5 min then kicked pumps back in to pump plug into receptacle, Line tension before was 1,670 lbs pull off tension was 2705 lbs. POH and perfed at 18,846-849', 18,758-761', 18,714-717. POOH with tools, max pressure for pump down: 6,850 psi, Max rate for pump down 15 bpm. Total BBls pumped - 648bbbs, POOH W/tools. All tools recovered & shots fired. Turn over to frac.				
Start Time 00:00		End Time 03:00		Comment Start frac stage #2. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 21 holes open, 857 psi perf friction, 130 psi NWB as per FracPro. 3. Stage went well with all proppant placed. WG-36-6% (113.5), MO-67-5.6% (4), MC S-2010T-3.1% (2.1) Vicon NF-4.2% (9.6), Losurf 300D-3.1% (4.3) Cat 3/4-2.8% (1.1), BE-9-3.1% (1.3)				
Start Time 03:00		End Time 07:00		Comment RIH with perf guns & plug to KOP. pumped down tools at 14 bpm @ 5450 Psi, @ 250 fpm, 558 LT, pumped plug to 18,650', Pulled up and got line tension & set of plug, waited for 5 min then kicked pumps back in to pump plug into receptacle, Line tension before was 1,600 lbs pull off tension was 2880 lbs. POOH and perfed at 18,629-632', 18,558-561', 18,545-548. POOH with tools, max pressure for pump down: 6,000 psi, Max rate for pump down 14 bpm. Total BBls pumped - 542bbbs, POOH W/tools				
Start Time 07:00		End Time 10:00		Comment Start frac stage #3. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 27 holes open, 394 psi perf friction, 325 psi NWB as per FracPro. 3. Did not see any increase in pressure when ball reached bottom, saw pressure flatten out then some pressure relief from Acid. 4. Lost prop conc in the 4.0ppg sand stage, Operator error on MM. 5. Trouble keeping prop conc steady during 5.0ppg CRC stage. 6. No other issues, able to place job completely. Ball Seat Stage Pressures and Rate: 6290 psi @ 30.3 bpm, 6290 psi Pressure before Seating, 6290 psi Pressure after Seating. WG-36-10.2% (190), FR-76-6.3% (1.4), MO-67-4.7% (3.3), MC S-2510T-3.6% (2.5) Vicon NF-6.2% (14.3), Losurf 300D-4.4% (6) Cat 3/4-4.6% (2.1), BE-9-4.6% (1.9)				
Start Time 10:00		End Time 14:00		Comment Frac on stg #3 is complete. RIH with Plug and Guns Started the pump down on Stg #4. Got up to 11bpm @ 5200psi. Tagged up at 10,550' shut down and made the decision to POOH. Started POOH and pulled into a receptacle at 10,353' pull 500 lbs over. We can pump the tool string down but we keep hanging up at 10,353' So, the decision was made to pump the tool string down 10' under the receptacle and spot some 10 pound brine on the Schlumberger plug to dissolve the plug and see if we can POOH.				
Start Time 14:00		End Time 20:30		Comment We are in the Vertical section of the well POOH. Out of the well W/tools Orson Barney took pics of plug. Secure well & wait on decisions.				
Start Time 20:30		End Time 21:30		Comment Finish flush of 2 bbls flush water, 10 bbls 15% acid, 55 bbls of crosslink, 446 bbls of flush water to ensure wellbore is clean.				

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

Start Time		21:30		End Time	00:00	Comment	Standby to wireline next stage after we get information from the P&P on the Ranch 15-10.
Report Start Date	1/28/2015	Report End Date	1/29/2015	24hr Activity Summary			
Frac stages #2, 3, 4, 5 & P&P stages #3, 4, 5, 6							
Start Time		00:00		End Time	12:30	Comment	Standby to wireline next stage after we get information from the P&P on the Ranch 15-10.
Start Time		12:30		End Time	13:30	Comment	Halliburton is pumping 191 bbl fresh water flush right now.
Start Time		13:30		End Time	16:00	Comment	While doing the pump down on stg #4 we were pumping at 15bpm @ 5850psi. tagged at 13,365' Shut down at that point. Tried pulling OOH and pulled up to the 29th receptacle @ 13,282' from the toe. Pumped back down to 13,402' Pulled back into the receptacle three times pulling all the way up to 3050 pounds on the LT. We are spotting 10bbls of 10# brine on the Schlumberger dissolvable plug for a few hours.
Start Time		16:00		End Time	20:00	Comment	Stuck in the hole with Schlumberger Disolvable plug. 17:40 pump on plug & got free from receptacle @13,282' run down to 13,325' & hung up in collar. Worked up & down trying to get free W/line tension between 750 lbs & 3100 lbs. Didn't get free let sit for a while. 18:50 start pumping on plug & working up & down W/line tension between 850 lbs & 2900 lbs. Didn't get free 18:50 slack off to 900 lbs line tension & let sit until 20:00.
Start Time		20:00		End Time	23:30	Comment	20:00 work up to 2900 lbs line tension & sit for 3 min. Start pumping and bringing L.T. down to 850 lbs. Work up & down between 850 & 2900 lbs L.T. while pumping 9 BPM letting sit for 2 min at each interval. 20:40 start pumping 15 bbls of brine water @9 BPM & displace with 286 bbls of produced water to cover the plug W/brine water. Working up & down still while pumping brine water. 21:25 Shut down pumps & stop working wireline & let sit for a couple of hours.
Start Time		23:30		End Time	00:00	Comment	Start working again pulling from 800 lbs L.T. to 2900 lbs L.T. Did this with no pumps for 30 min with no progress & stacked off to 750 lbs L.T. & let sit for 1 hour.
Report Start Date	1/29/2015	Report End Date	1/30/2015	24hr Activity Summary			
Frac stages # 4 & P&P stages # 5							
Start Time		00:00		End Time	02:30	Comment	Wait 1 hour for plug to dissolve & come free. Start working again pulling from 800 lbs L.T. to 2900 lbs L.T. Did this with no pumps for 30 min with no progress & slacked off to 750 lbs L.T. & let sit for 1 hour
Start Time		02:30		End Time	04:00	Comment	Wellhead pressure @4,577 psi. Pull up on it to 3000 lbs sit for 2 min. Start slacking off & bring pumps on @3,6 & 9 BPM & work up & down between 750 lbs & 2900 lbs L.T. On the slack off start bringing rate up to 12 BPM come down to 700 lbs L.T. return to 9 BPM to come back up to 2900 lbs L.T. Did this for about 30 min & brought rate to 14 BPM for about 2 min then shut pumps down to see if we could get any reaction. Brought rate back to 9 BPM & worked up & down between 750 & 2900 lbs L.T. 03:30 shut down pumps & slack off to 750 lbs L.T. & let sit for 1 hour. Pumped 531 bbls of produced water. Max pressure while pumping was @6,050 psi.
Start Time		04:00		End Time	06:00	Comment	Work up to 3000# L.T. hold for 2 min & slack off to 750# work up & down like this a couple of times. Wellhead pressure was 4650 psi bring pumps on 3, 6 & 9 BPM work up & down from 750# to 3000# L.T. Bring rate up to 15 BPM W/L.T. @1200# and work down to 900 # & drop rate back to 9 BPM. Nothing worked shut down pump & work up & down a couple more times to 3000# W/no luck. Slack back off to 750# L.T. pumped 362 bbls of produced water & max pressure @6423 psi.
Start Time		06:00		End Time	18:00	Comment	We pulled on the tool string @ 2326lbs. of LT and came free @ 13,295' kept pulling OOH up passed the 29th receptacle @ 13,282' didn't see anything pulling OOH @100' @min. pass thru 2 more recepticals didn't see any thing. Con't POOH @100'min. Lay down SLB tools. RD SLB wireline.

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

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Start Time	18:00	End Time	19:00	Comment
				Schlumberger wireline is RD & moved off. Halliburton flushed well W/10 bbls of 15% acid, 78 bbls of xlink & 476 bbls of slick water to ensure wellbore is clean for wireline runs.
Start Time	19:00	End Time	00:00	Comment
				MIRU FTS wireline.
Report Start Date	Report End Date	24hr Activity Summary		
1/30/2015	1/31/2015	RDMO Schlumbereger wireline & MIRU FTS wireline.		
Start Time	00:00	End Time	08:30	Comment
				P&P stage #4. P&P stg #4. RIH with guns and plug to KOP. pumped down guns at 12bpm and 5900 psi, 140 fpm, 970LT, pumped guns to 18,742'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1787, line tension after plug set 1580. Set plug at 18,495'. Plug set time 43 sec. POOH and perfed at 18,472-475', 18,425'-428', 18,347'-350'. POOH with tools, max pressure for pump down- 6233 psi. Max rate for pump down- 12.1 bpm. Total bbls pumped- 703 bbls.
Start Time	08:30	End Time	11:00	Comment
				Frac stg. #4. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 21 holes open, 629 psi perf friction, 199 psi NWB as per FracPro. 3. Worked rate up to 60bpm during Xlink pad but had pump kick out, able to get back. 4. Had pressure increase with Xlink pad on bottom, reduced rate to 50bpm. 5. Saw a couple bumps in pressure as 0.75 reached bottom, held 50bpm for job. 6. No other issues, able to place job completely. Ball Seat Stage Pressures and Rate: 5855 psi @ 14.9 bpm, 5735 psi Pressure before Seating, 5850 psi Pressure after Seating. WG-36-11.9% (222.6), BC-200-8.9% (16.7), FR-76-19.4% (5.5), CL-31-7.6% (2.1) MO-67-10.5% (7.4), MC S-2010T-18% (15.4) Losurf 300D-9.1% (15.1) Cat 3/4-4.4% (2.1), BE-9-33.6% (18.2)
Start Time	11:00	End Time	13:30	Comment
				P&P stg #5. RIH with guns and plug to KOP. pumped down guns at 12.1bpm and 5850 psi, 173 fpm, 900LT, pumped guns to 18,271'. Pulled up and got line tension and set plug. Line tension prior to setting plug 2270, line tension after plug set 2047. Set plug at 18,285'. Plug set time 35 sec. POOH and perfed at 18,250-253', 18,199'-202', 18,138'-241'. POOH with tools, max pressure for pump down- 6580 psi. Max rate for pump down- 13.1 bpm. Total bbls pumped- 540 bbls.
Start Time	13:30	End Time	16:00	Comment
				Stage 5 Frac 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 23 holes open, 630 psi perf friction, 206 psi NWB as per FracPro. 3. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 5730 psi @ 14.7 bpm, 5630 psi Pressure before Seating, 5730 psi Pressure after Seating. WG-36-4.6% (82.4), MC S-2510T-2.7% (1.7) Vicon NF-3.9% (8.4), Losurf 300D-4.3% (5.6) Cat 3/4-2.4% (1.1), BE-9-3.7% (1.4)
Start Time	16:00	End Time	18:30	Comment
				P&P stg #6. RIH with guns and plug to KOP. pumped down guns at 13.1bpm and 5616 psi, 240 fpm, 890LT, pumped guns to 18,050'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1742, line tension after plug set 1652. Set plug at 18,040.5'. Plug set time 38sec. POOH and perfed at 18,027-030', 17,956'-959', 17918'-921'. POOH with tools, max pressure for pump down- 6175 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 453 bbls.
Start Time	18:30	End Time	20:00	Comment
				Grease frac stack & Zipper manifold.

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

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Start Time 20:00	End Time 22:30	Comment Drop ball & turn over to frac. Stage 6 Frac 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 21 holes open, 935 psi perf friction, 111 psi NWB as per FracPro. 3. Lost pumps during the stage. Left Rate @ ~50bpm after the pumps were brought back online. 4. Stage treated well with all proppant placed. 5. Protechnics pumped 16 cups of CFT 1100. Ball Seat Stage Pressures and Rate: 5760 psi @ 15.1 bpm, 5610 psi Pressure before Seating, 5760 psi Pressure after Seating WG-36-4.2% (76.2), BC-200-9.1% (16.7), FR-76-6.1% (1.1), CL-31-9.1% (2.5) FE-2A-11.6% (2.1), MC S-2510T-6.7% (4.3) BE-9-4.6% (1.8)
Start Time 22:30	End Time 00:00	Comment RIH to P&P stage6. Details are on tomorrow.

Report Start Date 1/31/2015	Report End Date 2/1/2015	24hr Activity Summary Frac stages # 4, 5 & 6 - P&P stages # 4, 5, 6 & 7
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Start Time 00:00	End Time 01:30	Comment P&P stg #7. RIH with guns and plug to KOP. pumped down guns at 12.1bpm and 5705 psi, 202 fpm, 905 LT. pumped guns to 17,875'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1698, line tension after plug set 1465. Set plug at 17,838.5'. Plug set time 32sec. POOH and perfed at 17,848'-851', 17,797'-800', 17744'-747'. POOH with tools, max pressure for pump down- 6384 psi. Max rate for pump down- 12.1 bpm. Total bbls pumped- 514 bbls.
Start Time 01:30	End Time 04:30	Comment Start Frac stg 7. Watch ball seat & lost a pump during process. Shut down for leak off test & repack pump. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 25 holes open, 472 psi perf friction, 439 psi NWB as per FracPro. 3. Repacked a pump during following the PILF. 4. Had higher initial pressure. Had good pressure relief with proppant on formation. Ball Seat Stage Pressures and Rate: 5822 psi @ 15.1 bpm, 5649 psi Pressure before Seating, 5822 psi Pressure after Seating WG-36-5.3% (94.7), BC-200-4.8% (8.6), CL-31-4.5% (1.2) MC S-2510T-3.9% (2.4) Vicon NF-3% (6.4), Losurf 300D-4% (5.1) Cat 3/4-3% (1.4), BE-9-4.9% (1.9)
Start Time 04:30	End Time 07:00	Comment P&P stg #8. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 6838 psi, 220 fpm, 900 LT. pumped guns to 17,660.5'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1802, line tension after plug set 1530. Set plug at 17,690'. Plug set time 31sec. POOH and perfed at 17,667'-17670', 17,594'-597', 17536'-539'. POOH with tools, max pressure for pump down- 6438 psi. Max rate for pump down- 13.1 bpm. Total bbls pumped- 499 bbls.
Start Time 07:00	End Time 09:30	Comment Frac Stage #8 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl 2. Calculated 22 holes open, 622 psi perf friction, 297 psi NWB as per FracPro 3. Able to get to 60bpm after FET but had to reduce rate to 55bpm after Xlink on bottom, pumped kept tripping 4. Saw good pressure relief with prop on bottom, worked rate back to 60bpm. 5 No other issues. able to place job completely. Ball Seat Stage Pressures and Rate: 5975 psi @ 14.7 bpm, 5895 psi Pressure before Seating, 5975 psi Pressure after Seating. WG-36-4.2% (64.8), BC-200-2.1% (3.3), CL-31-4.4% (1) MO-67-2.6% (1.5), Vicon NF-4.9% (9.4), Losurf 300D-5% (5.7) Cat 3/4-4.4% (1.7)
Start Time 09:30	End Time 13:00	Comment P&P stg #9. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 6380 psi, 235 fpm, 911 LT. pumped guns to 17,473'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1750, line tension after plug set 1620. Set plug at 17,485'. Plug set time 35sec. POOH and perfed at 17,440'-443', 17,253'-256', 17129'-132'. POOH with tools, max pressure for pump down- 6380 psi. Max rate for pump down- 13.1 bpm. Total bbls pumped- 435 bbls.

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

Start Time	13:00	End Time	16:30	Comment
				Stage #9 Frac 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl 2. Calculated 20 holes open, 432 psi perf friction, 1833 psi NWB as per FracPro 3. Could only get to 30bpm @ 8900psi before taking steps for breakdown 4. Had no water hammer and had high leak off, lost 200psi after 1min in 38sec and had FG of 1.114psi/ft 5. Sent 1500lbs of 0.25-0.5ppg 100mesh slug to try to clean up. Had slight pressure increase when 100mesh reached bottom 6. Decision made to clear wellbore and move on to s10. Ball Seat Stage Pressures and Rate: 6695 psi @ 14.7 bpm , 5855 psi Pressure before Seating , 6740 psi Pressure after Seating WG-36-5% (13.3), Vicon NF-3.6% (1.9)
Start Time	16:30	End Time	19:00	Comment
				J-W wireline had an employee strain his back while moving perf guns around. Reported to Dan Orr NFX safety dept @ 18:00. Talked with J-W and told them they need to report these things right away. P&P stg #10. RIH with guns and plug to KOP. pumped down guns at 11 bpm and 8470 psi, 200 fpm, 70 LT, pumped guns to 17,089'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1598, line tension after plug set 1400. Set plug at 1110'. Plug set time 47sec. POOH and perfed at 17,060'-063', 16931'-934', 16776'-779'. POOH with tools, max pressure for pump down- 8502 psi. Max rate for pump down- 11 bpm. Total bbls pumped- 465 bbls.
Start Time	19:00	End Time	20:00	Comment
				Grease Frac stack. Drop ball & get ready to Frac stg 10
Start Time	20:00	End Time	21:00	Comment
				Stg 10 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 24 holes open, 302 psi perf friction, 1493 psi NWB as per FracPro. 3. Had high pressure during intial pump in with a frac gradient of 1.117 and a 200 psi leak off of 36 seconds. 4. Pumped a 1200 lb 100 mesh slug and saw no relief on the pressure. 5. Decision made to flush the well and proceed to wireline for Stage 11. 6. Protechnics pumped 5 cups of CFT 1400. Ball Seat Stage Pressures and Rate: 8403 psi @ 15.2 bpm , 8024 psi Pressure before Seating , 8403 psi Pressure after Seating WG-36-17.6% (88.9), Vicon NF-4.4% (3.8), Cat 3/4-20.9% (2.6)
Start Time	21:00	End Time	00:00	Comment
				P&P stg #11. RIH with guns and plug to KOP. pumped down guns at 12.7 bpm and 8430 psi, 130 fpm, 935 LT, pumped guns to 16,700'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1586, line tension after plug set 1418. Set plug at 16,685'. Plug set time 53sec. POOH and perfed at 16,653'-656', 16602'-605', 16538'-541'. POOH with tools, max pressure for pump down- 8554 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 829 bbls.
Report Start Date	Report End Date	24hr Activity Summary		
2/1/2015	2/2/2015	P&P & Frac		
Start Time	00:00	End Time	01:00	Comment
				Pooh W/wireline & drop ball turn over to Frac.
Start Time	01:00	End Time	03:00	Comment
				Stg 11 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 43 holes open, 563 psi perf friction, 612 psi NWB as per FracPro. 3. Had high pressure during intial pump in with a frac gradient of 1.15 and a 200 psi leak off of 33 seconds. 4. Pumped a 2600 lb 100 mesh slug and saw no relief on the pressure. 5. Decision made to flush the well and proceed to wireline for Stage 11. 6. Protechnics pumped 5 cups of CFT 1400. Ball Seat Stage Pressures and Rate: 8203 psi @ 14.6 bpm , 7870 psi Pressure before Seating , 8203 psi Pressure after Seating
Start Time	03:00	End Time	05:30	Comment
				P&P Stg 12. P&P stg #12. RIH with guns and plug to KOP. pumped down guns at 13.6 bpm and 8402 psi, 165 fpm, 750 LT, pumped guns to 16,495'. Pulled up and got line tension and set plug. Line tension prior to setting plug 2292, line tension after plug set 2065. Set plug at 16,480'. Plug set time 47sec. POOH and perfed at 16,454'-457', 16,393'-396', 16,336'-339'. POOH with tools, max pressure for pump down- 8534 psi. Max rate for pump down- 13.6 bpm. Total bbls pumped- 646 bbls.

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

Start Time	05:30	End Time	11:30	Comment
				Halliburton had another pump go down leaving us with 6 pumps and not enough horsepower to get 60 BPM & no backup pump. Waiting on pump to pump Stg 12 on the Ranch 15-10-3-3-2W-UW & then we will be ready to Frac Stg 12 on this well.
Start Time	11:30	End Time	14:00	Comment
				Frac Stage #12. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 11 holes open, 1020 psi perf friction, 1412 psi NWB as per FracPro. 3. Trouble establishing rate, 9000psi @ 26bpm on pump down. 4. Ran 40# Xlink gel and 0.5ppg 100mesh slug, but did not see any pressure relief. 5. Flushed well and turned over to WL for stg 13. Ball Seat Stage Pressures and Rate: 8330 psi @ 14.6 bpm , 7860 psi Pressure before Seating , 8330 psi Pressure after Seating. WG-36-2.1% (9.4)
Start Time	14:00	End Time	17:30	Comment
				Zipper manifold leaking at a bonnet seal assembly. Weatherford is gather parts to get it fixed. Took valve apart & cleaned up ring & groove. Put valve back together & pressure test per Newfield's procedure. Valve tested good.
Start Time	17:30	End Time	20:00	Comment
				P&P stg #13. RIH with guns and plug to KOP. pumped down guns at 13.6 bpm and 8340 psi, 168 fpm, 735 LT, pumped guns to 16,335'. Pulled up and got line tension and set plug. Line tension prior to setting plug 3074. line tension after plug set 2505. Set plug at 16,310'. Plug set time 55sec. POOH and perferd at 16,254'-257', 16,195'-198', 16,115'-118'. POOH with tools, max pressure for pump down- 8641 psi. Max rate for pump down- 13.6 bpm. Total bbls pumped- 654 bbls.
Start Time	20:00	End Time	22:00	Comment
				Weatherford got parts for valve. Shut down & replace ring & valve parts in valve. Grease Frac valves
Start Time	22:00	End Time	00:00	Comment
				Start Frac Stg 13. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 25 holes open, 303 psi perf friction, 957 psi NWB as per FracPro. 3. Had high pressure and high leak off. Pumped an additional 100 bbls of 15% HCL. 4. Had 725 psi of relief and was able to work rate up to 30 bpm. 5. Flushed the well and turned over to wireline for Stage 14. 6. Protechnics pumped 10 cups of CFT 1700. Ball Seat Stage Pressures and Rate: 8454 psi @ 15.1 bpm , 8047 psi Pressure before Seating , 8454 psi Pressure after Seating. WG-36-6.8% (44.7) , MC S-2510T-2.9% (1.3) Losurf 300D-17.2% (15.4)
Report Start Date	Report End Date	24hr Activity Summary		
2/2/2015	2/3/2015	P&P & Frac		
Start Time	00:00	End Time	03:00	Comment
				P&P stg #14. RIH with guns and plug to KOP. pumped down guns at 12.1 bpm and 7840 psi, 177 fpm, 789 LT, pumped guns to 16,110'. Pulled up and got line tension and set plug. Line tension prior to setting plug 2271. line tension after plug set 1820. Set plug at 16,100'. Plug set time 32sec. POOH and perferd at 16,046'-049', 15,978'-981', 15,940'-943'. POOH with tools, max pressure for pump down- 8020 psi. Max rate for pump down- 14.1 bpm. Total bbls pumped- 474 bbls.
Start Time	03:00	End Time	05:30	Comment
				Frac Stg 14. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 27 holes open, 502 psi perf friction, 486 psi NWB as per FracPro. 3. Pumped 5 ppg max proppant concentration design due to difficulties with previous stages. 4. Saw pressure relief with proppant on formation. 5. Stage treated well with all proppant placed. WG-36-3.8% (71.4) , Vicon NF-3.7% (8.2) , Losurf 300D-2.5% (3.3) BE-9-3.8% (1.5)
Start Time	05:30	End Time	08:00	Comment
				P&P stg #15. RIH with guns and plug to KOP. pumped down guns at 12.5 bpm and 5700 psi, 235 fpm, 750 LT, pumped guns to 15,870'. Pulled up and got line tension and set plug. Line tension prior to setting plug 2150. line tension after plug set 1970. Set plug at 15,883'. Plug set time 30sec. POOH and perferd at 15,859'-862', 15,819'-822', 15,730'-733'. POOH with tools, max pressure for pump down- 5700 psi. Max rate for pump down- 12.7 bpm. Total bbls pumped- 341 bbls.



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

Start Time	08:00	End Time	10:30	Comment
				Frac stg. #15 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl 2. Calculated 23 holes open, 642 psi perf friction, 250 psi NWB as per FracPro 3. No issues getting into interval able to get up to designed rate during Xlink pad 4. Lost prop conc briefly in 3.0ppg sand stg, swapped compartments 5. Lost prop conc in 5.0ppg sand stg, miscommunication on compartments to go to 6. Lost prop conc when staging in to CRC, didn't get compartments swapped on time 7. Able to place job completely Ball Seat Stage Pressures and Rate: 5940 psi @ 16.2 bpm , 5845 psi Pressure before Seating , 5940 psi Pressure after Seating Vicon NF-3.2% (6.8) , BE-9-3.5% (1.3)
Start Time	10:30	End Time	15:00	Comment
				P&P Stage#16 RIH with guns and plug to KOP. pumped down guns at 11.8 bpm and 5872 psi, 235 fpm, 790 LT, pumped guns to 15,644.5'. Pulled up and got line tension and set plug. Line tension prior to setting plug 2270, didn't see line tension drop after plug set. Set plug at 15,674'. Left plug set time 5 min. POOH with tools passed 2 collars Pumped tools back down to see if plug was on depth @15674 Did not see plug . Currently POOH w/ tools 75' min @2400line tension.
Start Time	15:00	End Time	17:30	Comment
				P&P stg #16. RIH with guns and plug to KOP. pumped down guns at 11.8 bpm and 6108 psi, 235 fpm, 730 LT, pumped guns to 15,689'. Pulled up and got line tension and set plug. Line tension prior to setting plug 2032, line tension after plug set 1800. Set plug at 15,674'. Plug set time 37sec. POOH with tools, max pressure for pump down- 6150 psi. Max rate for pump down- 12.0 bpm. Total bbls pumped- 296 bbls.
Start Time	17:30	End Time	18:30	Comment
				Grease Frac stack. Drop ball & turn over to Frac.
Start Time	18:30	End Time	19:30	Comment
				Frac Stage #16. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 20 holes open, 953 psi perf friction, 464 psi NWB as per FracPro. 3. Had had pressure coming back on following the PILF. 4. Had to drop rate after xlink gel hit formation. 5. Pumped a 100 mesh slug at 0.25 ppg and had pumps kick out with that on formation. 6. Protechnics pumped 8 cups of CFT 2100. 7. Well turned over to flowback. Ball Seat Stage Pressures and Rate: 6529 psi @ 15 bpm , 6333 psi Pressure before Seating , 6529 psi Pressure after Seating WG-36-4.5% (41.9)
Start Time	19:30	End Time	21:30	Comment
				Screened out on ¼ # sand on Stg 16. SIP 7000 psi. Setting up to flowback on a 20/64 choke. Flowing back @ 5.4 BPM @3200 PSI on a 25 choke. Flowed back 627 bbls. Well has cleaned up. Shut well in & turn over to frac to flush wellbore. Didn't get the ball back during flowback.
Start Time	21:30	End Time	23:00	Comment
				Sweep & flush wellbore W/185 bbls. Flush was looking good & got to 145 bbls into flush & ball seated again & kicked out pumps. Got back into it 9 BPM @ 9200 psi.
Start Time	23:00	End Time	00:00	Comment
				Shut down and try to flowback until we get ball. Flowed back 125 bbls & pressure dropped to 0 psi. Shut in & get setup so we can pressure up on well & open up to flowback as quickly as possible to try to get the ball to come off seat.

Report Start Date	Report End Date	24hr Activity Summary
2/3/2015	2/4/2015	P&P & Frac

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

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Start Time	00:00	End Time	13:00	Comment Well is open on a 32 choke to flowback tans. There is 140 psi on the wellhead & flow rate is less than 1/2 BPM. Waiting to see if well starts to flow again. Shut well in for 1 hour & see what pressure builds to. Open on smaller choke & see if it will flowback at any rate to try to get ball off seat. Well is open on a 32 choke to flowback tans. There is 140 psi on the wellhead & flow rate is less than 1/2 BPM. Shut well in @ 02:30 & let build pressure on its own ISIP @ 95 psi. 03:30 built up to 600 psi. 04:30 built up to 2500 psi opened well on a 12 choke and pressure dropped quickly to 650 psi. Changed to an 8 choke & pressure started to come back up slowly. Flowing now on an 8 choke @ 700 psi @ 1/4 BPM. 05:20 well was @ 300 psi flowing @ .10 BPM so shut well in to build up pressure. We are pumping on stg. #16 perfs at 4.1bpm @ 8449psi. We have pumped 260bbbls so far. We started at 3bpm and the psi is slowly dropping off to keep upping the rate.
Start Time	13:00	End Time	15:30	Comment P&PStg 17. RIH with guns and plug to KOP. pumped down guns at 12.6 bpm and 7765 psi, 200 fpm, 760 LT, pumped guns to 15481'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1820, line tension after plug set 1620. Set plug at 15464'. Plug set time 58sec. POOH and perfed at 15,439'-442', 15,384'-387', 15,328'-331'. POOH with tools, max pressure for pump down- 7765 psi. Max rate for pump down- 12.6 bpm. Total bbbls pumped- 413 bbbls.
Start Time	15:30	End Time	19:00	Comment Frac Stg 17. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 19 holes open, 817 psi perf friction, 253 psi NWB as per FracPro. 3. Had high pressure when bringing rate back up following the PILF. 4. Pumped a 30/50 slug and observed good pressure relief. 5. Pressure rose back up with slickwater on formation so 30/50 was brought back on. 6. Had good pressure relief with the 0.75 and 1 ppg on formation and was able to work rate back up to complete the stage. 7. All sand was placed. 8. Protechnics pumped 16 cups of CFT 2100 during the stage and had pumped 14 cups of CFT 2100 in the sweeps prior to the stage. Ball Seat Stage Pressures and Rate: 6010 psi @ 15.5 bpm, 5960 psi Pressure before Seating, 6010 psi Pressure after Seating WG-36-6.4% (138.6), BC-200-4.5% (9.9), FR-76-26.9% (17), CL-31-4.5% (1.5) FE-2A-65.1% (41), MO-67-4.1% (3.3), MC S-2510T-31.8% (37.3) Vicon NF-12.5% (42.9), Losurf 300D-8.6% (15.5) Cat 3/4-5.1% (2.8), BE-9-14.7% (10.4)
Start Time	19:00	End Time	21:30	Comment P&P Stg 18. RIH with guns and plug to KOP. pumped down guns at 11.6 bpm and 6432 psi, 225 fpm, 890 LT, pumped guns to 15315'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1982, line tension after plug set 1530. Set plug at 15,290'. Plug set time 61sec. POOH and perfed at 15,236'-239', 15,188'-1917', 15,135'-138'. POOH with tools, max pressure for pump down- 6724 psi. Max rate for pump down- 12.6 bpm. Total bbbls pumped- 357 bbbls.
Start Time	21:30	End Time	22:30	Comment Grease Frac stack.
Start Time	22:30	End Time	00:00	Comment Start Frac Stg 18. Seat ball & do step down test. Went to gel & chemical pumped wasn't working so shut down to fix.

Report Start Date	Report End Date	24hr Activity Summary
2/4/2015	2/5/2015	P&P & Frac

Start Time	00:00	End Time	02:30	Comment Frac Stg 18. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 22 holes open, 784 psi perf friction, 28 psi NWB as per FracPro. 3. Had trouble getting BC-200 going. Shut down in pad to resolve the issue. Repacked pump. Down for ~1:10. 4. Had a low pH during pad. Raised MO-67 to compensate. 5. Stage treated well with all proppant placed. 6. Protechnics pumped 16 cups of CFT 2100. WG-36-30.8% (533.2), CL-31-9.8% (2.3) Vicon NF-2.5% (5.1), Cat 3/4-4% (1.7)
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Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sunday Number: 62477 API Well Number: 43013522970000

Start Time	02:30	End Time	05:00	Comment
				P&P stg #19. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5920 psi, 210 fpm, 800 LT, pumped guns to 15135'. Pulled up and got line tension and set plug. Line tension prior to setting plug 1863, line tension after plug set 1530. Set plug at 15,120'. Plug set time 37sec. POOH and perfed at 15,064-067', 15,008-011', 14,934-937'. POOH with tools, max pressure for pump down- 6493 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 359 bbls. All tools recovered & all shots fired. Drop ball & turn over to Frac.
Start Time	05:00	End Time	07:30	Comment
				Frac Stg 19. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 21 holes open, 868 psi perf friction, 184 psi NWB as per FracPro. 3. Pressure began rising with 5 ppg on formation. Dropped rate and pressure lined out. 4. Pressure began creeping up again when staging to CRC. Dropped rate and cut the screws. 5. Pressure turned up with 6 # on formation. Pumps kicked out with ~105 bbls left in flush.6. Well turned over to flowback. Ball Seat Stage Pressures and Rate: 5978 psi @ 14.8 bpm . 5860 psi Pressure before Seating , 5978 psi Pressure after Seating. WG-36-4% (59.3), MC S-2510T-2% (1)Cat 3/4-4.3% (1.6), BE-9-4.5% (1.4)
Start Time	07:30	End Time	11:00	Comment
				We flowed back 1050bbls at 10bpm @ 2000psi. Shut well in a checked the for the ball no ball in ball catcher. Flowed back another 470bbls at 10bpm @ 1900psi waiting on the frac to get done on the 15-10 well. Checked for ball and still no ball in the ball cather. Flowed back a total of 1520bbls.
Start Time	11:00	End Time	14:00	Comment
				We are pumping at 4bpm @ 7665psi. We have pumped 337bbls so far trying to get rate worked up. 20bbls min 562 bbls pumped total pressure @7760 psi
Start Time	14:00	End Time	15:30	Comment
				shut down operations due to High winds
Start Time	15:30	End Time	18:00	Comment
				P&P stg #20. RIH with guns and plug to KOP. pumped down guns at 12.8 bpm and 7835 psi, 176 fpm, 705 LT, pumped guns to 14880'. Pulled up and got line tension and set plug. Line tension prior to setting plug 2048, line tension after plug set 1624. Set plug at 14865'. Plug set time 42sec. POOH and perfed at 14834'-837', 14790-793', 14,609-612'. POOH with tools, max pressure for pump down- 7865 psi. Max rate for pump down- 12.5 bpm. Total bbls pumped- 531 bbls. All tools recovered & all shots fired. Drop ball & turn over to Frac.
Start Time	18:00	End Time	19:00	Comment
				Grease Frac stack. Drop ball & turn over to Frac.
Start Time	19:00	End Time	21:30	Comment
				Frac Stg 20. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 19 holes open, 464 psi perf friction, 792 psi NWB as per FracPro. 3. Had high pressure and high leak off. Pumped an additional 50 bbls of acid and had some pressure relief. 4. Pumped ~1,100 lb 100 Mesh slug and saw no relief. Flushed the well and turned over to wireline. 5. Protechnics pumped 13 cups of CFT 2500. Ball Seat Stage Pressures and Rate: 8248 psi @ 14.5 bpm , 7698 psi Pressure before Seating , 8202 psi Pressure after Seating. WG-36-13.7% (17.4), FE-2A-3.7% (1.2), MC S-2510T-20.9% (10) Vicon NF-21.8% (22.3), Losurf 300D-9.4% (9) BE-9-38.9% (11.2)
Start Time	21:30	End Time	00:00	Comment
				Start P&P Stg 21. Had to wait on wireline to build new oriented gun setup for this stage.
Report Start Date	Report End Date	24hr Activity Summary		
2/5/2015	2/6/2015	P&P & Frac		
Start Time	00:00	End Time	02:30	Comment
				P&P Stg 21. RIH with guns and plug to KOP. pumped down guns at 12.7 bpm and 8568 psi, 164 fpm, 700 LT, pumped guns to 14510'. Pulled up and got line tension and set plug. L. T. prior to setting plug 1942, L.T. after plug set 1500. Set plug at 14480'. Plug set time 41sec. POOH and perforated at 14452-456', 14390-394', 14,343-347'. POOH with tools, max pressure for pump down- 8693 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 401 bbls. POOH W/tools all tools recovered & all shots fired. Drop ball & turn over to Frac.

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

Start Time 02:30	End Time 05:30	Comment Frac Stg 21. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 22 holes open, 840 psi perf friction, 420 psi NWB as per FracPro. 3. Pumped 5 ppg max proppant concentration design due to issues with previous stages. 4. Cut the screws during the 5 ppg CRC stage due to a rise in pressure. 5. Well was successfully flushed without issue. WG-36-8% (147.6), BC-200-2.9% (5.5), CL-31-4.2% (1.2) MO-67-2.5% (2.3), MC S-2510T-2.9% (1.8) Cat 3/4-3.5% (1.6)
Start Time 05:30	End Time 08:00	Comment P&P Stg 22. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 6540 psi, 234 fpm, 700 LT, pumped guns to 14,290'. Pulled up and got line tension and set plug. LT prior to setting plug 1925. LT after plug set 1521. Set plug at 14,275'. Plug set time 63sec. POOH and perforated at 14,254'-257', 14,113'-116', 14,002'-005'. POOH with tools, max pressure for pump down- 6620 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 289 bbls.
Start Time 08:00	End Time 10:30	Comment Frac stg #22. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl 2. Calculated 22 holes open, 632 psi perf friction, 326 psi NWB as per FracPro 3. Held rate at 44bpm during Xlink due to increase in pressure 4. Pressure increased when 0.75ppg sand reached bottom, reduced rate to 42bpm and extended 1.0ppg until pressure broke over 5. Saw good pressure relief from sand, worked rate up to 52bpm for job 6. Trouble bringing CRC up to 5.0ppg 7. Overall good effort by crew, able to place job completely Ball Seat Stage Pressures and Rate: 5890 psi @ 15.9 bpm , 5855 psi Pressure before Seating , 5950 psi Pressure after Seating. WG-36-13.7% (324), BC-200-2.5% (4.8), MO-67-3.6% (3.4). MC S-2510T-4.8% (3) Vicon NF-4.3% (9.4), Losurf 300D-3.2% (4) BE-9-3.2% (1.2)
Start Time 10:30	End Time 11:30	Comment waiting for Oreinted guns
Start Time 11:30	End Time 14:00	Comment P&P Stg 23. RIH with guns and plug to KOP. pumped down guns at 12.8 bpm and 7330 psi, 254 fpm, 730 LT, pumped guns to 13864'. Pulled up and got line tension and set plug. LT prior to setting plug 1987. LT after plug set 1490. Set plug at 13845'. Plug set time 41 sec. POOH and perforated at 13821'-825', 13745'-749', 13704'-708'. POOH with tools, max pressure for pump down- 7330 psi. Max rate for pump down- 12.8 bpm. Total bbls pumped- 293 bbls.
Start Time 14:00	End Time 16:30	Comment Frac Stage#23. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 21 holes open, 675 psi perf friction, 404 psi NWB as per FracPro.3. Held 50bpm in Xlink pad due to higher treating pressure.4. Pressure turned when prop reached bottom, reduced rate until there was good pressure relief from sand.5. Able to work rate back up to 50bpm for job.6. Miscommunication on CRC, cut prop at MM early.7. Had blender computer lock up as we were staging to flush. Used calculated values from last know rate flush well.8. Several adds ran extremely heavy in flush due to blender lock up.9. Adds that ran heavy: MO-67 - 8gal; Vicon - 286gal; CAT 3/4 - 40gal; FR-76 - 12gal Ball Seat Stage Pressures and Rate: 5750 psi @ 15.7 bpm , 5725 psi Pressure before Seating , 5750 psi Pressure after Seating. WG-36-2.7% (62.3), FR-76-74.4% (11.5), CL-31-5.5% (1.5) FE-2A-8.8% (1.4), MO-67-10.5% (7.2), MC S-2510T-4.3% (2.7) Vicon NF-133.3% (285.6), Losurf 300D-3.8% (4.7) Cat 3/4-58.5% (40.2)
Start Time 16:30	End Time 18:30	Comment P&P Stg 24. RIH with guns and plug to KOP. pumped down guns at 12.7 bpm and 6165 psi, 251 fpm, 790 LT, pumped guns to 13700'. Pulled up and got line tension and set plug. LT prior to setting plug 1916. LT after plug set 1490. Set plug at 13686'. Plug set time 18 sec. POOH and perforated at 13625'-629', 13595'-599', 13559'-563'. POOH with tools, max pressure for pump down- 6165 psi. Max rate for pump down- 12.8 bpm. Total bbls pumped- 226 bbls. OOH W/wireline. All tools recovered & all shots fired. Drop ball & turn over to Frac.
Start Time 18:30	End Time 19:30	Comment Computer on blender went down during flush. Wait on E-tech to come fro Vernal W/new computer & hook up & get going.



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number : 62477 API Well Number : 43013522970000

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Start Time 19:30	End Time 22:00	Comment Frac Stg 24. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 19 holes open, 998 psi perf friction, 1033 psi NWB as per FracPro.3. Was down for an additional 10 minutes after the PILF to swap out a pump.4. Had high pressure when bringing the rate back up. Pumped a 30/50 slug and had good pressure relief.5. Continued job with 5 # max prop conc. design at a lower rate. 6. All proppant was placed without issue.7. Protechnics pumped 15.5 cups of CFT 3000. Ball Seat Stage Pressures and Rate: 6597 psi @ 14.6 bpm , 6253 psi Pressure before Seating , 6579 psi Pressure after Seating. WG-36-11.7% (296.6) , BC-200-2% (4.1) , FR-76-6.2% (1.3) , MO-67-6.4% (6.5) , BE-9-5% (2.1)
Start Time 22:00	End Time 00:00	Comment P&P Stg 25. RIH with guns and plug to KOP. pumped down guns at 13.2 bpm and 6951 psi, 231 fpm, 715 LT, pumped guns to 13525'. Pulled up and got line tension and set plug. LT prior to setting plug 1870, LT after plug set 1423. Set plug at 13510'. Plug set time 28 sec. POOH and perforated at 13460'-464', 13220'-224', 13114'-118'. POOH with tools, max pressure for pump down- 7915 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 274 bbls. OOH W/wireline. All tools recovered & all shots fired. Drop ball & turn over to Frac.
Report Start Date 2/6/2015	Report End Date 2/7/2015	24hr Activity Summary P&P & Frac
Start Time 00:00	End Time 01:00	Comment POOH W/wireline. OOH W/wireline. All tools recovered & all shots fired. Drop ball & turn over to Frac.
Start Time 01:00	End Time 02:00	Comment Grease Frac Stack. Drop ball & turn over to Frac.
Start Time 02:00	End Time 04:30	Comment Frac Stg 25. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 20 holes open, 1165 psi perf friction, 1201 psi NWB as per FracPro.3. Had high pressure during pad. Worked rate up slowly after xlink was on formation.4. Started sand at 0.25 and worked up to a 1.00. Pressure rose with 30/50 on formation and screws were cut.5. Pressure broke over when rate was dropped to 24 bpm and 30/50 was successfully flushed.5. Pumped an additional 23 bbls of acid. Had good acid relief and started 30/50 at 0.75 ppg.6. Pressure rose with 30/50 on formation and screws were cut. Pressure broke over at 24 bpm while flushing again.7. Decision made to complete flushing the well and turn over to wireline. Protechnics pumped 17 cups of CFT 3000. WG-36-15.4% (295) , FR-76-4.5% (1.3) , CL-31-4.6% (1.1)
Start Time 04:30	End Time 07:00	Comment P&P Stg 26. RIH with guns and plug to KOP. pumped down guns at 12 bpm and 7512 psi, 228 fpm, 750 LT, pumped guns to 13120'. Pulled up and got line tension and set plug. LT prior to setting plug 1655, LT after plug set 1325. Set plug at 13100'. Plug set time 22 sec. POOH and perforated at 13043'-047', 12990'-994', 12919'-923'. POOH with tools, max pressure for pump down- 8212 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 269 bbls.
Start Time 07:00	End Time 09:30	Comment Frac Stg 26. Frac didn't go so we are going to reperf at 12,900'
Start Time 09:30	End Time 11:30	Comment We perfered stg #26 again at 12,900- 12,903' we pumped down at 12.6bpm @ 7,360psi. LS 170, LT 700
Start Time 11:30	End Time 14:00	Comment Frac Stage #26 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl 2. Calculated 17 holes open, 671 psi perf friction, 1632 psi NWB as per FracPro 3. Treated very high early. Bit of relief with acid on formation. Able to get 30 bpm @ 8700 psi for step down 4. Came back on after step down tight. Started linear pad, then swapped to crosslink and pumped a 0.5 PPA 100 Mesh slug 5. Pumped slug down at 32 bpm. Pressure started climbing with 100 mesh on. Had to slowly drop rate. Able to displace and made decision to reperf 6. Pumpdown volume includes reperf 7. Pressure spiked quick to 8700 after final sand slug cleared perfs. Decision was made to move on to stage 27 8. Data is pulled from two attempts at pumping zone. WG-36-13.6% (170) , BC-200-12.6% (10.7) , FR-76-2.2% (1.1) , CL-31-10.7% (1.3) FE-2A-2.8% (1.2) , MO-67-7.5% (2.4) , Vicon NF-3.2% (6.4) , Losurf 300D-8% (11.9) Cat 3/4-4.2% (1.6) , BE-9-8.8% (4)



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sunday Number: 62477 API Well Number: 43013522970000

Start Time	14:00	End Time	16:30	Comment P&P Stg 27. RIH with guns and plug to KOP. pumped down guns at 11.7 bpm and 7024 psi, 158 fpm, 724 LT, pumped guns to 12861'. Pulled up and got line tension and set plug. LT prior to setting plug 1853, LT after plug set 1382. Set plug at 12840'. Plug set time 47 sec. POOH and perforated at 12815'-819', 12775'-779', 12732'-736'. POOH with tools, max pressure for pump down- 7210 psi. Max rate for pump down- 11.8 bpm. Total bbls pumped- 257 bbls.
Start Time	16:30	End Time	19:30	Comment Waiting for Weatherford to repair there frac manifold sprung a leak in HCR 7" 10kon 15-10 side
Start Time	19:30	End Time	23:00	Comment P&P Stg 27. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 18 holes open, 889 psi perf friction, 632 psi NWB as per FracPro.3. Had high pressure when bringing up rate after the PILF.4. Pumped a slug of 30/50 at 25 bpm.5. Pressure rose then broke over when the slug hit then turned up in the middle of the slug.6. Flushed the well and continued pumping until rate and pressure were sufficient to pump down plug and guns.WG-36-24.5% (375.1), MO-67-2.4% (1.1), Vicon NF-4.4% (6.9), Losurf 300D-3.8% (3.7) Cat 3/4-2.4% (1.1)
Start Time	23:00	End Time	00:00	Comment P&P Stg 28. RIH with guns and plug to KOP. pumped down guns at 11.9 bpm and 8020 psi, 206 fpm, 650 LT, pumped guns to 12685'. Pulled up and got line tension and set plug. LT prior to setting plug 1460, LT after plug set 1172. Set plug at 12670'. Plug set time 17 sec. POOH and perforated at 12635'-638', 12580'-583', 12521'-524'. POOH with tools, max pressure for pump down- 8034 psi. Max rate for pump down- 12.2 bpm. Total bbls pumped- 202 bbls.
Report Start Date	2/7/2015	Report End Date	2/8/2015	24hr Activity Summary P&P & Frac
Start Time	00:00	End Time	01:30	Comment POOH W/wireline. All tools recovered & all shots fired. Drop ball & turn over to Frac.
Start Time	01:30	End Time	04:00	Comment Frac Stg 28. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 13 holes open, 795 psi perf friction, 508 psi NWB as per FracPro.3. Had high pressure during PILF. Pumped an additional slug of acid when bringing rate back up.4. Unable to get sufficient rate after displacing acid. Shut down and turned the well over to wireline.5. Protechnics pumped 10 cups of CFT 3000. Ball Seat Stage Pressures and Rate: 8969 psi @ 14.5 bpm , 8056 psi Pressure before Seating , 8888 psi Pressure after Seating. MC S-2510T-7.1% (1.3) Vicon NF-5.7% (2.2),
Start Time	04:00	End Time	06:30	Comment P&P Stg 29. RIH with guns and plug to KOP. pumped down guns at 11.9 bpm and 8002 psi, 219 fpm, 722 LT, pumped guns to 12475'. Pulled up and got line tension and set plug. LT prior to setting plug 1394, LT after plug set 1151. Set plug at 12462'. Plug set time 42 sec. POOH and perforated at 12441'-444', 12398'-401', 12310'-313'. POOH with tools, max pressure for pump down- 8187 psi. Max rate for pump down- 12 bpm. Total bbls pumped- 187 bbls.
Start Time	06:30	End Time	09:00	Comment Frac Stg 29 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl 2. Calculated 15 holes open, 397 psi perf friction, 1162 psi NWB as per FracPro 3. Very tight. Came on after step down @ 8300 psi @ 10 bpm. Able to slowly work up to 20 bpm. Started linear sweep followed by crosslink sweep and 1000 lb 30/50 sand slug. Pressure built slowly with linear and crosslink on perfs. Climbed quicker with 30/50 on perfs. Able to displace at 20 bpm, ~9,000 psi. Once wellbore was displaced, pressure climbed to 9,200 psi and a pump truck fell off. Maintained 16 bpm @ 9,100 psi. Dropped rate to 10 bpm and sent 1,000 gal of 15% HCl. No relief with acid on perfs 4. Decision was made to move to stg 30 5. Operator shut well in after 1 min. Did not get 5, 10 min Ball Seat Stage Pressures and Rate: 8128 psi @ 15.6 bpm , 7533 psi Pressure before Seating 8092 psi Pressure after Seating. WG-36-2.2% (6.2), FE-2A-4.7% (1.1), MC S-2510T-5.2% (1.6) Vicon NF-2.9% (2.2), Losurf 300D-2.8% (1.7)



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Start Time	09:00	End Time	11:30	Comment
				P&P Stg 30. RIH with guns and plug to KOP. pumped down guns at 12.6 bpm and 7215 psi, 190 fpm, 700 LT, pumped guns to 12268'. Pulled up and got line tension and set plug. LT prior to setting plug 1485, LT after plug set 1257. Set plug at 12290'. Plug set time 47 sec. POOH and perforated at 12238'-241', 12187'-190', 12140'-143'. POOH with tools, max pressure for pump down- 7215 psi. Max rate for pump down- 12.8 bpm. Total bbls pumped- 193 bbls.
Start Time	11:30	End Time	14:30	Comment
				Frac Stage #30 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl 2. Calculated 27 holes open, 226 psi perf friction, 688 psi NWB as per FracPro 3. Started out treating much better. No indication of ball seating 4. During 2# growler displayed need to re-gen. Showed 105% clogged. Decided to run stage as long as possible and go to flush if growler died 5. Pressure turned as soon as 3# hit. Between growler issues and pressure trend, decided to cut sand at mover and went to flush FR-76-8.5% (1.2), CL-31-7.3% (1.6) FE-2A-8.5% (1.2), MO-67-3.4% (1.9), MC S-2510T-5.7% (2.9) Vicon NF-3.8% (6.7), BE-9-4.4% (1.3)
Start Time	14:30	End Time	18:00	Comment
				Had a couple of near hits on location so we shut down at change over & held a small safety stand down during our safety meeting to talk about it. We wanted to bring everyone into focus on the task at hand & not think about what they are doing tomorrow. Reiterate That everyone has stop work authority & is obligated to stop the job if they see something wrong or messed up. Talked about communication & having spotters for specific tasks & also how to prevent incidents Like these from happening in the future.
Start Time	18:00	End Time	20:30	Comment
				P&P Stg 31. RIH with guns and plug to KOP. pumped down guns at 12.2 bpm and 6401 psi, 263 fpm, 735 LT, pumped guns to 12128'. Pulled up and got line tension and set plug. LT prior to setting plug 1461, LT after plug set 1242. Set plug at 12120'. Plug set time 37 sec. POOH and perforated at 12071'-074', 12035'-038', 11955'-958'. POOH with tools, max pressure for pump down- 6501 psi. Max rate for pump down- 12.2 bpm. Total bbls pumped- 131 bbls. OOH W/wireline. All tools recovered & all shots fired. Drop ball & turn over to Frac.
Start Time	20:30	End Time	23:00	Comment
				Frac Stg 31. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 27 holes open, 284 psi perf friction, 507 psi NWB as per FracPro.3. Held rate at 42.4 bpm due to pressure trend observed as rate was brought up.4. Stage treated well. Pressure began rising with 4 ppg on formation. Dropped 3 bpm and pressure turned over.5. Protechnics pumped 16 cups of CFT 3700. MC S -2510T-3.8% (2.3) Vicon NF-4.7% (10.1), BE-9-3.3% (1.2)
Start Time	23:00	End Time	00:00	Comment
				Start RIH to P&P Stg 32.
Report Start Date	Report End Date	24hr Activity Summary		
2/8/2015	2/9/2015	P&P & Frac		
Start Time	00:00	End Time	01:30	Comment
				P&P Stg 32. RIH with guns and plug to KOP. pumped down guns at 12.2 bpm and 5834 psi, 260 fpm, 725 LT, pumped guns to 11920'. Pulled up and got line tension and set plug. LT prior to setting plug 1490, LT after plug set 1215. Set plug at 11910'. Plug set time 53 sec. POOH and perforated at 11858'-861', 11772'-775', 11745'-748'. POOH with tools, max pressure for pump down- 6006 psi. Max rate for pump down- 13.1 bpm. Total bbls pumped- 121 bbls.
Start Time	01:30	End Time	03:30	Comment
				Frac Stg 32. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped w/ Fresh Water with 0.25% KCl .2. Calculated 23 holes open, 543 psi perf friction, 303 psi NWB as per FracPro.3. Held rate at 40 bpm.4. Stage treated well with all proppant placed. WG-36-5.1% (120.1), BC-200-4.7% (8.8), MO-67-3.2% (1.6), MC S-2510T-4.1% (2.5) Vicon NF-4.6% (9.8), Losurf 300D-5.1% (6.1) Cat 3/4-3.5% (2.4), BE-9-4.8% (1.7)



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

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Start Time 03:30	End Time 05:00	Comment P&P Stg 33. RIH with guns and plug to KOP. pumped down guns at 12.4 bpm and 5571 psi, 255 fpm, 740 LT, pumped guns to 11715'. Pulled up and got line tension and set plug. LT prior to setting plug 1421, LT after plug set 1188. Set plug at 11700'. Plug set time 31 sec. POOH and perforated at 11645'-648', 11575'-578', 11508'-511'. POOH with tools, max pressure for pump down- 6175 psi. Max rate for pump down- 12.5 bpm. Total bbls pumped- 110 bbls.
Start Time 05:00	End Time 07:00	Comment Frac Stg 33. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Fresh Water with 0.25% KCl. 2. Calculated 26 holes open, 434 psi perf friction, 271 psi NWB as per FracPro. 3. Stage treated well with all proppant placed. BC-200-3.3% (6.2), MO-67-4.6% (1.3), MC S-2510T-4.2% (2.5) Vicon NF-3.1% (6.6), Losurf 300D-13.5% (16) Cat 3/4-4.5% (3.2), BE-9-3.7% (1.3)
Start Time 07:00	End Time 09:00	Comment P&P Stg 34. RIH with guns and plug to KOP. pumped down guns at 12.4 bpm and 5571 psi, 255 fpm, 740 LT, pumped guns to 11715'. Pulled up and got line tension and set plug. LT prior to setting plug 1421, LT after plug set 1188. Set plug at 11700'. Plug set time 31 sec. POOH and perforated at 11645'-648', 11575'-578', 11508'-511'. POOH with tools, max pressure for pump down- 6175 psi. Max rate for pump down- 12.5 bpm. Total bbls pumped- 110 bbls
Start Time 09:00	End Time 11:00	Comment Frac stg #34. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Fresh Water with 0.25% KCl. 2. Calculated 27 holes open, 364 psi perf friction, 518 psi NWB as per FracPro. 3. Stage went well. MC S-2510T-3.2% (1.9) Vicon NF-4.1% (8.7), BE-9-8.2% (2.9)
Start Time 11:00	End Time 12:30	Comment P&P Stg #35. RIH with guns and plug to KOP. pumped down guns at 13.1 bpm and 5750 psi, 260 fpm, 800LT, pumped guns to 11,300'. Pulled up and got line tension and set plug. LT prior to setting plug 1410, LT after plug set 1150. Set plug at 11,320'. Plug set time 47 sec. POOH and perforated at 11,266'-269', 11,220'-223', 11,166'-169'. POOH with tools, max pressure for pump down- 5767 psi. Max rate for pump down- 13.1 bpm. Total bbls pumped- 106 bbls.
Start Time 12:30	End Time 14:00	Comment Frac stg #35. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Fresh Water with 0.25% KCl. 2. Calculated 24 holes open, 627 psi perf friction, 298 psi NWB as per FracPro. 3. Had a pump overheating. Worked rate around to reduce load on that pump and get the temp down. 4. 13 cups 3700 CFT. BC -200-3% (5.7), CL-31-4.9% (1.4) MO-67-4.9% (1.2), MC S-2510T-3.5% (2.1) Vicon NF-4.9% (10.5), Losurf 300D-4.3% (5.2)
Start Time 14:00	End Time 15:00	Comment Weatherford greased the frac stack
Start Time 15:00	End Time 16:30	Comment P&P Stg #36. RIH with guns and plug to KOP. pumped down guns at 13.1 bpm and 5550 psi, 270 fpm, 800LT, pumped guns to 11,158'. Pulled up and got line tension and set plug. LT prior to setting plug 1405, LT after plug set 1160. Set plug at 11,125'. Plug set time 47 sec. POOH and perforated at 11,066'-069', 11,996'-999', 11,930'-933'. POOH with tools, max pressure for pump down- 5550 psi. Max rate for pump down- 13.1 bpm. Total bbls pumped- 92 bbls.



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number : 624777 API Well Number : 43013522970000

Start Time			End Time			Comment		
16:30			19:00			Frac stg #36. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Fresh Water with 0.25% KCl . 2. Calculated 22 holes open, 746 psi perf friction, 359 psi NWB as per FracPro. 3. Ball seated just as we dropped rate to seat ball. Went to volume to be sure then brought rate up for step down. 4. Pressure climbed pretty quick while bringing up rate after step down. Held 45 bpm. Pressure spiked a bit with crosslink fluid on. 5. Sent a 2,000 lb 30/50 sand slug to evaluate prop on formation. Pressure climbed with prop on. Able to maintain 40 bpm. 6. Sent larger 7,000 lb sand grouping to evaluate. Followed with FR water. Pressure kicked with prop on formation. Had to reduce rate to 26 bpm, pressure lined out around 8600 psi. Sent third sand group @ 0.5# 30/50, ~3,000 lbs and displaced with FR water. 7. Third sand grouping caused pressure to spike. Had to drop to 19.9 bpm @ 8500 psi. Held rate after displacing to watch for change in trend. Held steady @ 8450 psi @ 19.9 bpm. Decision was made to move to stg 37. WG-36-6.6% (91.8), FE-2A-6.1% (1.7), MO-67-13.6% (2.3), MC S-2510T-2.5% (1.4) Vicon NF-9.7% (17.8).		
Start Time			End Time			Comment		
19:00			20:30			P&P stage #37. RIH with guns and plug to KOP. pumped down guns at 12 bpm and 7800 psi, 230 fpm, 628 LTEN, pumped guns to 10,746'. Pulled up and got line tension and set plug. LT prior to setting plug 1238. LT after plug set 1046. Set plug at 10,740'. Plug set time 38 sec. POH and perforated at 10,684'-687', 10,652'-655', 10,634'-637'. Max pressure for pump down- 7862 psi. Max rate for pump down- 12 bpm. Total bbls pumped- 68 bbls. POH. All tools recovered. All shots fired.		
Start Time			End Time			Comment		
20:30			22:30			Frac stage #37. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Fresh Water with 0.25% KCl . 2. Calculated 27 holes open, 389 psi perf friction, 300 psi NWB as per FracPro. 3. Stage treated well with all proppant placed. 4. Protechnics pumped 15 cups of CFT 4800. WG-36-2.8% (68.6), BC-200-2.5% (4.9), CL-31-3.7% (1.1) MO-67-5.1% (1.2), Cat 3/4-2.3% (1.7).		
Start Time			End Time			Comment		
22:30			00:00			P&P stage #38. RIH with guns and plug to KOP. pumped down guns at 12 bpm and 5127 psi, 251 fpm, 806 LTEN, pumped guns to 10,636'. Pulled up and got line tension and set plug. LT prior to setting plug 1320. LT after plug set 1070. Set plug at 10,616'. Plug set time 37 sec. POH and perforated at 10,574'-577', 10,489'-492', 10,429'-432'. POH with tools, max pressure for pump down- 5229 psi. Max rate for pump down- 12.2 bpm. Total bbls pumped- 54 bbls. All toolsrecovered. All shots fired.		
Report Start Date	Report End Date	24hr Activity Summary						
2/9/2015	2/10/2015	P&P, frac						
Start Time			End Time			Comment		
00:00			03:30			During pressure test for stage #38 frac we found 10K wheel valve next to the hydraulic valve in the zipper manifold leaking between the body and the bonnet. Weatherford found the bolts on the bonnet of the leaking wheel valve were loose. They also found several more loose bolts on the manifold and tightened them. Pressure tested manifold and valve to 9500 psi, held OK.		
Start Time			End Time			Comment		
03:30			05:30			Frac stage #38.1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Fresh Water with 0.25% KCl . 2. Calculated 27 holes open, 640 psi perf friction, 165 psi NWB as per FracPro. 3. Stage treated well with all proppant placed. Ball Seat Stage Pressures and Rate: 5328 psi @ 14.1 bpm , 5246 psi Pressure before Seating , 5328 psi Pressure after Seating BC-200-3.1% (5.8), BE-9-3.8% (1.3)		



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Start Time			End Time			Comment		
05:30			06:30			P&P stage #39. RIH with guns and plug to KOP. pumped down guns at 12.1 bpm and 5,188 psi, 263 fpm, 823 LTEN, pumped guns to 10,676'. Pulled up and got line tension and set plug. LT prior to setting plug 1,395, LT after plug set 1,141. Set plug at 10,365'. Plug set time 35 sec. POH and perforated at 10,336'-339', 10,319'-322', 10,221'-224'. POH with tools, max pressure for pump down- 5,188 psi. Max rate for pump down- 12.2 bpm. Total bbls pumped- 43. bbls.		
Start Time			End Time			Comment		
06:30			08:30			Frac #39 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Fresh Water with 0.25% KCl . 2. Calculated 26 holes open, 697 psi perf friction, 221 psi NWB as per FracPro. 3. Stage went well. Ball Seat Stage Pressures and Rate: 5602 psi @ 14.8 bpm , 5248 psi Pressure before Seating , 5602 psi Pressure after Seating WG-36-2.5% (59.2) , BC-200-6% (11.3) , FR-76-9.4% (1) , CL-31-6% (1.7) FE-2A-9.4% (1) , MO-67-6.7% (1.6) , Scalesorb 7-7.5% (8.1) , MC S-2510T-3.1% (1.8) Losurf 300D-4.7% (5.4) , Cat 3/4-4.6% (3.2) .		
Start Time			End Time			Comment		
08:30			10:00			P&P stage #40. RIH with guns and plug to KOP. pumped down guns at 12.3 bpm and 5,005 psi, 273 fpm, 890 LTEN, pumped guns to 10,149'. Pulled up and got line tension and set plug. LT prior to setting plug 1,483, LT after plug set 1,228. Set plug at 10,155'. Plug set time 45 sec. POH and perforated at 10,117'-120', 10,086'-089', 10,008'-011'. POH with tools, max pressure for pump down- 5,005 psi. Max rate for pump down- 12.3 bpm. Total bbls pumped- 50.74 bbls.		
Start Time			End Time			Comment		
10:00			12:30			1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Fresh Water with 0.25% KCl . 2. Calculated 20 holes open, 541 psi perf friction, 158 psi NWB as per FracPro. 3. Treated high at beginning (~8400 psi @ 42 bpm). Sent 3,000 lbs 30/50 sand @ 0.5# concentration. Good relief from prop on perfs. 4. Proceeded in to 0.75# sand stage. Took a small pressure kick when 0.75# hit perfs. Rolled over and followed hydrostatic shortly after. 5. Held lower rate (~42.5 bpm) for stage. 6. Operator tried lowering volume on growler for flush. Sucked tub dry and lost prime. Had to drop rate for last 2500 gal of flush. 7. 15.5 cup 4800 CFT. WG-36-6.9% (149.6) , BC-200-4.2% (7.2) , CL-31-4.2% (1.1) , MO-67-7.8% (1.9) , MC S-2510T-4.4% (2.4) Vicon NF-4.4% (8.6) , Losurf 300D-5.3% (5.8) No kill plugs in well Shut in well, SICP 4,467 Psi. Stage treated pretty tight after coming up from step down. Pumped sand slug and moved rate around and able to get it to come around. Took pressure kick with 0.75# on perfs, but pressure rolled over and able to complete stage. Operator tried dropping the volume on the growler on flush and lost prime. Had to reduce rate for last 2,500 gallons of flush. Currently rigging down,		
Start Time			End Time			Comment		
12:30			00:00			RDMO FTS Wireline, Howco equipment, release equipment from location, start cleanup of frac operations.		
Report Start Date	Report End Date	24hr Activity Summary						
2/10/2015	2/11/2015	Well shut in						
Start Time			End Time			Comment		
00:00			08:00			Well shut in.		

Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number : 62477 API Well Number : 43013522970000

Start Time		08:00		End Time		13:00		Comment	
								Well shut in, ND frac stack and replacing with night caps on the 14-10 and 15-10 wells. Load out Weatherford ground manifold. Continue to monitor wells. Load Howco's water ground manifold, RDMO Pros flowback. Pump methanol in well to reduce issues of freezing during monitoring frac of 13-10 well.	
Start Time		13:00		End Time		00:00		Comment	
								Well shut in.	
Report Start Date	Report End Date	24hr Activity Summary							
2/11/2015	2/12/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac.	
Report Start Date	Report End Date	24hr Activity Summary							
2/12/2015	2/13/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac.	
Report Start Date	Report End Date	24hr Activity Summary							
2/13/2015	2/14/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac. 8:44AM - 4106.75 PSI	
Report Start Date	Report End Date	24hr Activity Summary							
2/14/2015	2/15/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac. 7:03 AM - 4103.29 PSI	
Report Start Date	Report End Date	24hr Activity Summary							
2/15/2015	2/16/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac.	
Report Start Date	Report End Date	24hr Activity Summary							
2/16/2015	2/17/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac. 8:00 AM - 4100.51 PSI	
Report Start Date	Report End Date	24hr Activity Summary							
2/17/2015	2/18/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac. 8:00 AM - 4126.48 PSI	
Report Start Date	Report End Date	24hr Activity Summary							
2/18/2015	2/19/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac. 8:00 AM - 4127.53 PSI	
Report Start Date	Report End Date	24hr Activity Summary							
2/19/2015	2/20/2015	Well shut in							
Start Time		00:00		End Time		00:00		Comment	
								Well shut in, monitor pressures during UT 13-10-3-3-2 frac. 2:00PM - 4144.69 PSI	
Report Start Date	Report End Date	24hr Activity Summary							
2/20/2015	2/21/2015	Well shut in							



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Sundry Number: 62477 API Well Number: 43013522970000

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Start Time	00:00	End Time	00:00	Comment
				Well shut in, monitor pressures during UT 13-10-3-3-2 frac. 2:00PM - 4119.05 PSI

Report Start Date	Report End Date	24hr Activity Summary
2/21/2015	2/22/2015	Well shut in

Start Time	00:00	End Time	00:00	Comment
				Well shut in, monitor pressures during UT 13-10-3-3-2 frac. 2:00PM - 4117.55 PSI 90% battery

Report Start Date	Report End Date	24hr Activity Summary
2/22/2015	2/23/2015	POP well

Start Time	00:00	End Time	12:00	Comment
				Well shut in, monitor pressures during UT 13-10-3-3-2 frac.

Start Time	12:00	End Time	17:30	Comment
				POP well on 2/22/2015 at 5:30 pm with 4128 psi on 8/64. Turn well over to production

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NEWFIELD

Directional Survey

Legal Well Name Ute Tribal 14-10-3-3-2W-MW				Wellbore Name Original Hole					
API/UWI 43013522970000		Surface Legal Location SWSE 376FSL 2340FEL SEC10 T3S R2W MERU		Field Name UINTA CB-WASATCH HORZ		Well Type Development		Well Configuration Type Horizontal	
Well RC 500378192		County Duchesne		State/Province Utah		Spud Date 10/13/2014 12:00		Final Rig Release Date 12/2/2014 20:00	

Actual Deviation Survey Sidetrack Actual, Proposed? No		Wellbore Name ST01		Parent Wellbore Original Hole		Job Drilling - Original, 8/28/2014 00:00		VS Dir (°)		Profile Type Directional		Kick Off Depth (ftKB) 4,645	
Date 11/4/2014		Definitive? No		Description Sidetrack Actual		Proposed? No							
MD Tie In (ftKB) 4,567		TVDTie In (ftKB) 4,544		Inclination Tie In (°) 7.39		Azimuth Tie In (°) 233.82		NSTie In (ft) -168.13		EWTie In (ft) -312.20			

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
11/4/2014	4,639	7.10	232.00	4,615	-150	-174	-319	0.51	-0.40	-2.53	9.08	MWD	Weatherford
11/5/2014	4,788	7.24	280.09	4,763	-153	-178	-336	3.91	0.09	32.28	26.08	MWD	Weatherford
11/5/2014	4,818	6.75	282.23	4,793	-152	-177	-340	1.85	-1.63	7.13	29.73	MWD	Weatherford
11/5/2014	4,840	6.38	284.53	4,815	-151	-176	-342	2.06	-1.68	10.45	32.24	MWD	Weatherford
11/5/2014	4,933	5.12	285.42	4,908	-148	-174	-351	1.36	-1.35	0.96	41.56	MWD	Weatherford
11/5/2014	5,027	5.30	270.69	5,001	-146	-173	-359	1.43	0.19	-15.67	50.03	MWD	Weatherford
11/5/2014	5,120	6.46	260.60	5,094	-147	-174	-369	1.67	1.25	-10.85	59.52	MWD	Weatherford
11/5/2014	5,214	8.34	254.91	5,187	-148	-176	-381	2.14	2.00	-6.05	71.61	MWD	Weatherford
11/5/2014	5,310	9.37	251.96	5,282	-152	-180	-395	1.17	1.07	-3.07	86.38	MWD	Weatherford
11/5/2014	5,404	9.96	249.48	5,374	-156	-186	-410	0.77	0.63	-2.64	102.16	MWD	Weatherford
11/5/2014	5,498	10.32	244.83	5,467	-161	-192	-425	0.95	0.38	-4.95	118.70	MWD	Weatherford
11/5/2014	5,591	11.03	238.85	5,558	-168	-200	-440	1.41	0.76	-6.43	135.90	MWD	Weatherford
11/5/2014	5,685	10.54	234.88	5,651	-177	-210	-455	0.95	-0.52	-4.22	153.48	MWD	Weatherford
11/5/2014	5,779	9.64	233.12	5,743	-185	-220	-468	1.01	-0.96	-1.87	169.95	MWD	Weatherford
11/5/2014	5,872	10.30	225.33	5,835	-195	-230	-480	1.61	0.71	-8.38	186.01	MWD	Weatherford
11/5/2014	5,966	9.98	216.46	5,927	-206	-242	-491	1.69	-0.34	-9.44	202.51	MWD	Weatherford
11/5/2014	6,060	10.73	215.80	6,020	-219	-256	-501	0.81	0.80	-0.70	219.41	MWD	Weatherford
11/5/2014	6,153	11.56	215.02	6,111	-233	-271	-511	0.91	0.89	-0.84	237.38	MWD	Weatherford
11/5/2014	6,247	11.69	215.19	6,203	-248	-286	-522	0.14	0.14	0.18	256.32	MWD	Weatherford
11/5/2014	6,341	11.53	214.28	6,295	-263	-302	-533	0.26	-0.17	-0.97	275.24	MWD	Weatherford
11/5/2014	6,434	11.56	218.26	6,386	-277	-317	-544	0.86	0.03	4.28	293.84	MWD	Weatherford
11/5/2014	6,528	11.24	220.63	6,478	-290	-331	-556	0.60	-0.34	2.52	312.42	MWD	Weatherford
11/5/2014	6,621	10.88	219.35	6,570	-303	-345	-567	0.47	-0.39	-1.38	330.26	MWD	Weatherford
11/5/2014	6,715	11.06	217.52	6,662	-316	-359	-579	0.42	0.19	-1.95	348.14	MWD	Weatherford
11/5/2014	6,808	11.25	218.81	6,753	-330	-373	-590	0.34	0.20	1.39	366.14	MWD	Weatherford
11/5/2014	6,902	11.10	220.98	6,846	-343	-387	-601	0.47	-0.16	2.31	384.35	MWD	Weatherford
11/5/2014	6,996	10.34	224.02	6,938	-355	-400	-613	1.01	-0.81	3.23	401.83	MWD	Weatherford
11/5/2014	7,089	10.29	222.32	7,029	-366	-412	-624	0.33	-0.05	-1.83	418.48	MWD	Weatherford
11/5/2014	7,183	9.85	224.47	7,122	-377	-424	-636	0.62	-0.47	2.29	434.91	MWD	Weatherford
11/5/2014	7,276	9.64	228.62	7,214	-387	-435	-647	0.79	-0.23	4.46	450.64	MWD	Weatherford
11/5/2014	7,370	9.92	231.45	7,306	-396	-445	-659	0.59	0.30	3.01	466.61	MWD	Weatherford
11/5/2014	7,464	10.61	231.24	7,399	-406	-456	-673	0.74	0.73	-0.22	483.36	MWD	Weatherford
11/5/2014	7,557	10.22	229.89	7,490	-416	-466	-686	0.49	-0.42	-1.45	500.17	MWD	Weatherford
11/5/2014	7,651	9.70	227.10	7,583	-425	-477	-698	0.75	-0.55	-2.97	516.42	MWD	Weatherford
11/5/2014	7,744	9.77	231.31	7,674	-435	-487	-710	0.77	0.08	4.53	532.14	MWD	Weatherford
11/5/2014	7,838	9.66	237.94	7,767	-443	-496	-722	1.20	-0.12	7.05	547.97	MWD	Weatherford
11/5/2014	7,932	9.47	243.38	7,860	-450	-504	-736	0.98	-0.20	5.79	563.58	MWD	Weatherford
11/5/2014	8,025	8.94	245.67	7,952	-455	-510	-750	0.69	-0.57	2.46	578.45	MWD	Weatherford
11/5/2014	8,115	8.78	256.21	8,041	-459	-515	-763	1.81	-0.18	11.71	592.25	MWD	Weatherford
11/5/2014	8,208	8.21	264.16	8,132	-460	-517	-776	1.40	-0.61	8.55	605.96	MWD	Weatherford
11/5/2014	8,302	8.51	273.73	8,225	-459	-518	-790	1.51	0.32	10.18	619.58	MWD	Weatherford
11/5/2014	8,396	8.90	280.89	8,318	-456	-516	-804	1.22	0.41	7.62	633.78	MWD	Weatherford
11/5/2014	8,489	9.03	295.79	8,410	-451	-511	-817	2.49	0.14	16.02	648.15	MWD	Weatherford
11/5/2014	8,578	8.53	297.60	8,498	-444	-505	-830	0.64	-0.56	2.03	661.73	MWD	Weatherford
11/5/2014	8,687	7.67	297.89	8,606	-436	-498	-843	0.79	-0.79	0.27	677.09	MWD	Weatherford
11/5/2014	8,717	7.86	312.49	8,636	-433	-496	-846	6.59	0.63	48.67	681.11	MWD	Weatherford
11/5/2014	8,749	8.58	331.59	8,668	-430	-492	-849	8.78	2.25	59.69	685.63	MWD	Weatherford
11/5/2014	8,780	9.80	346.63	8,698	-425	-487	-851	8.66	3.94	48.52	690.53	MWD	Weatherford

NEWFIELD

Directional Survey

Legal Well Name Ute Tribal 14-10-3-3-2W-MW				Wellbore Name Original Hole					
API/UWI 4301352297000		Surface Legal Location SWSE 376FSL 2340FEL SEC10 T3S R2W MERU		Field Name UINTA CB-WASATCH HORZ		Well Type Development		Well Configuration Type Horizontal	
Well RC 500378192		County Duchesne		State/Province Utah		Spud Date 10/13/2014 12:00		Final Rig Release Date 12/2/2014 20:00	

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
11/5/2014	8,811	11.16	356.10	8,729	-419	-482	-852	7.07	4.39	30.55	696.15	MWD	Weatherford
11/5/2014	8,843	12.79	2.97	8,760	-413	-475	-852	6.76	5.09	-1103.53	702.78	MWD	Weatherford
11/5/2014	8,874	14.74	3.55	8,790	-405	-468	-851	6.31	6.29	1.87	710.16	MWD	Weatherford
11/5/2014	8,905	16.68	3.30	8,820	-397	-460	-851	6.26	6.26	-0.81	718.55	MWD	Weatherford
11/5/2014	8,936	18.83	2.72	8,849	-388	-450	-850	6.96	6.94	-1.87	728.00	MWD	Weatherford
11/5/2014	8,966	20.89	1.71	8,878	-378	-440	-850	6.96	6.87	-3.37	738.19	MWD	Weatherford
11/5/2014	8,999	23.12	0.45	8,908	-365	-428	-850	6.91	6.76	-3.82	750.56	MWD	Weatherford
11/5/2014	9,061	27.82	356.93	8,964	-339	-401	-850	7.96	7.58	574.97	777.20	MWD	Weatherford
11/5/2014	9,092	29.86	355.13	8,991	-324	-386	-851	7.15	6.58	-5.81	792.15	MWD	Weatherford
11/5/2014	9,124	32.03	353.96	9,019	-307	-370	-853	7.04	6.78	-3.66	808.61	MWD	Weatherford
11/5/2014	9,155	34.37	352.81	9,045	-290	-353	-855	7.82	7.55	-3.71	825.58	MWD	Weatherford
11/5/2014	9,186	35.64	352.55	9,070	-272	-335	-857	4.12	4.10	-0.84	843.36	MWD	Weatherford
11/5/2014	9,217	37.93	352.99	9,095	-254	-317	-860	7.44	7.39	1.42	861.92	MWD	Weatherford
11/5/2014	9,248	39.99	353.02	9,119	-234	-297	-862	6.65	6.65	0.10	881.41	MWD	Weatherford
11/5/2014	9,280	42.42	353.78	9,143	-213	-276	-864	7.75	7.59	2.37	902.49	MWD	Weatherford
11/5/2014	9,311	44.91	354.47	9,166	-192	-255	-867	8.18	8.03	2.23	923.89	MWD	Weatherford
11/5/2014	9,342	47.24	355.67	9,187	-170	-233	-868	8.02	7.52	3.87	946.22	MWD	Weatherford
11/5/2014	9,373	49.52	356.66	9,208	-147	-210	-870	7.73	7.35	3.19	969.39	MWD	Weatherford
11/5/2014	9,404	52.31	357.09	9,227	-122	-186	-871	9.06	9.00	1.39	993.45	MWD	Weatherford
11/5/2014	9,436	54.69	357.10	9,246	-97	-160	-873	7.44	7.44	0.03	1,019.17	MWD	Weatherford
11/5/2014	9,467	57.14	356.81	9,264	-71	-134	-874	7.94	7.90	-0.94	1,044.85	MWD	Weatherford
11/15/2014	9,498	59.34	356.74	9,280	-45	-108	-875	7.10	7.10	-0.23	1,071.20	MWD	Weatherford
11/15/2014	9,529	60.91	356.33	9,295	-18	-81	-877	5.19	5.06	-1.32	1,098.08	MWD	Weatherford
11/15/2014	9,560	61.94	356.53	9,310	9	-54	-879	3.37	3.32	0.65	1,125.31	MWD	Weatherford
11/15/2014	9,592	63.55	356.90	9,325	38	-26	-880	5.14	5.03	1.16	1,153.75	MWD	Weatherford
11/15/2014	9,623	65.73	356.95	9,338	66	2	-882	7.03	7.03	0.16	1,181.76	MWD	Weatherford
11/15/2014	9,654	68.13	356.73	9,350	94	31	-883	7.77	7.74	-0.71	1,210.28	MWD	Weatherford
11/15/2014	9,685	70.84	356.71	9,361	123	60	-885	8.74	8.74	-0.06	1,239.31	MWD	Weatherford
11/15/2014	9,717	72.60	356.37	9,371	154	90	-887	5.59	5.50	-1.06	1,269.70	MWD	Weatherford
11/15/2014	9,748	74.13	355.68	9,380	183	120	-889	5.38	4.94	-2.23	1,299.40	MWD	Weatherford
11/15/2014	9,779	75.99	354.85	9,388	213	150	-891	6.53	6.00	-2.68	1,329.35	MWD	Weatherford
11/15/2014	9,810	78.01	353.99	9,395	244	180	-894	7.05	6.52	-2.77	1,359.55	MWD	Weatherford
11/15/2014	9,842	79.96	353.11	9,401	275	211	-898	6.66	6.09	-2.75	1,390.96	MWD	Weatherford
11/15/2014	9,873	82.27	352.63	9,406	306	241	-902	7.61	7.45	-1.55	1,421.59	MWD	Weatherford
11/15/2014	9,904	83.48	352.19	9,410	336	272	-906	4.15	3.90	-1.42	1,452.35	MWD	Weatherford
11/15/2014	9,935	84.69	351.70	9,413	367	302	-910	4.21	3.90	-1.58	1,483.18	MWD	Weatherford
11/15/2014	9,967	86.79	351.59	9,415	399	334	-915	6.57	6.56	-0.34	1,515.09	MWD	Weatherford
11/15/2014	9,998	87.84	351.66	9,417	430	364	-919	3.39	3.39	0.23	1,546.06	MWD	Weatherford

NEWFIELD

Directional Survey

Legal Well Name Ute Tribal 14-10-3-3-2W-MW				Wellbore Name Original Hole					
API/UWI 4301352297000		Surface Legal Location SWSE 376FSL 2340FEL SEC10 T3S R2W MERU			Field Name UINTA CB-WASATCH HORZ		Well Type Development	Well Configuration Type Horizontal	
Well RC 500378192		County Duchesne		State/Province Utah		Spud Date 10/13/2014 12:00		Final Rig Release Date 12/2/2014 20:00	

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
11/15/2014	10,029	87.10	351.31	9,418	461	395	-924	2.64	-2.39	-1.13	1,577.03	MWD	Weatherford
11/15/2014	10,123	86.92	351.17	9,423	554	488	-938	0.24	-0.19	-0.15	1,670.90	MWD	Weatherford
11/15/2014	10,216	87.47	351.08	9,428	647	580	-952	0.60	0.59	-0.10	1,763.79	MWD	Weatherford
11/15/2014	10,310	87.84	351.82	9,431	740	672	-966	0.88	0.39	0.79	1,857.71	MWD	Weatherford
11/15/2014	10,404	87.59	353.70	9,435	834	766	-978	2.02	-0.27	2.00	1,951.63	MWD	Weatherford
11/15/2014	10,497	85.86	355.04	9,440	927	858	-987	2.35	-1.86	1.44	2,044.47	MWD	Weatherford
11/15/2014	10,591	86.11	359.33	9,447	1,021	952	-992	4.56	0.27	4.56	2,138.22	MWD	Weatherford
11/15/2014	10,685	85.37	1.31	9,454	1,114	1,045	-991	2.24	-0.79	-380.87	2,231.95	MWD	Weatherford
11/15/2014	10,778	85.93	1.87	9,461	1,206	1,138	-989	0.85	0.60	0.60	2,324.68	MWD	Weatherford
11/15/2014	10,872	86.18	1.25	9,468	1,300	1,232	-986	0.71	0.27	-0.66	2,418.46	MWD	Weatherford
11/15/2014	10,966	86.54	1.48	9,474	1,393	1,326	-984	0.45	0.38	0.24	2,512.27	MWD	Weatherford
11/15/2014	11,059	86.61	0.95	9,479	1,486	1,418	-982	0.57	0.08	-0.57	2,605.10	MWD	Weatherford
11/15/2014	11,153	86.60	0.52	9,485	1,579	1,512	-981	0.46	-0.01	-0.46	2,698.94	MWD	Weatherford
11/15/2014	11,247	86.61	0.49	9,490	1,673	1,606	-980	0.03	0.01	-0.03	2,792.77	MWD	Weatherford
11/15/2014	11,340	86.61	0.60	9,496	1,765	1,699	-979	0.12	0.00	0.12	2,885.61	MWD	Weatherford
11/15/2014	11,434	86.79	0.42	9,501	1,859	1,793	-978	0.27	0.19	-0.19	2,979.46	MWD	Weatherford
11/15/2014	11,528	87.10	0.36	9,506	1,952	1,887	-978	0.34	0.33	-0.06	3,073.32	MWD	Weatherford
11/15/2014	11,621	86.67	359.50	9,511	2,045	1,980	-978	1.03	-0.46	386.17	3,166.18	MWD	Weatherford
11/15/2014	11,715	86.85	0.02	9,517	2,138	2,073	-978	0.58	0.19	-382.43	3,260.03	MWD	Weatherford
11/15/2014	11,902	87.78	2.31	9,525	2,324	2,260	-974	1.32	0.50	1.22	3,446.81	MWD	Weatherford
11/15/2014	11,996	87.97	1.92	9,529	2,418	2,354	-971	0.46	0.20	-0.41	3,540.75	MWD	Weatherford
11/15/2014	12,090	86.36	1.14	9,533	2,511	2,448	-969	1.90	-1.71	-0.83	3,634.63	MWD	Weatherford
11/15/2014	12,183	87.47	1.70	9,538	2,604	2,541	-966	1.34	1.19	0.60	3,727.49	MWD	Weatherford
11/15/2014	12,277	88.03	1.01	9,542	2,697	2,635	-964	0.94	0.60	-0.73	3,821.42	MWD	Weatherford
11/15/2014	12,371	88.09	359.69	9,545	2,791	2,729	-963	1.40	0.06	381.57	3,915.36	MWD	Weatherford
11/15/2014	12,464	87.34	356.98	9,549	2,884	2,821	-966	3.02	-0.81	-2.91	4,008.28	MWD	Weatherford
11/15/2014	12,558	87.18	356.95	9,553	2,978	2,915	-971	0.17	-0.17	-0.03	4,102.17	MWD	Weatherford
11/15/2014	12,652	86.98	357.93	9,558	3,071	3,009	-975	1.06	-0.21	1.04	4,196.05	MWD	Weatherford
11/15/2014	12,745	87.10	359.51	9,563	3,164	3,102	-977	1.70	0.13	1.70	4,288.92	MWD	Weatherford

NEWFIELD

Directional Survey

Legal Well Name Ute Tribal 14-10-3-3-2W-MW				Wellbore Name Original Hole					
API/UWI 43013522970000		Surface Legal Location SWSE 376FSL 2340FEL SEC10 T3S R2W MERU		Field Name UINTA CB-WASATCH HORZ		Well Type Development		Well Configuration Type Horizontal	
Well RC 500378192		County Duchesne		State/Province Utah		Spud Date 10/13/2014 12:00		Final Rig Release Date 12/2/2014 20:00	

Survey Data													
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
11/15/2014	12,839	87.04	359.78	9,568	3,258	3,196	-978	0.29	-0.06	0.29	4,382.80	MWD	Weatherford
11/15/2014	12,932	87.47	0.07	9,572	3,350	3,289	-978	0.56	0.46	-386.78	4,475.69	MWD	Weatherford
11/15/2014	13,026	87.22	359.08	9,577	3,444	3,382	-979	1.09	-0.27	381.93	4,569.59	MWD	Weatherford
11/15/2014	13,121	87.78	358.16	9,581	3,539	3,477	-981	1.13	0.59	-0.97	4,664.50	MWD	Weatherford
11/15/2014	13,214	86.17	356.62	9,586	3,632	3,570	-985	2.39	-1.73	-1.66	4,757.36	MWD	Weatherford
11/15/2014	13,303	87.23	359.42	9,591	3,721	3,659	-988	3.36	1.19	3.15	4,846.20	MWD	Weatherford
11/15/2014	13,401	87.16	1.21	9,596	3,818	3,757	-988	1.83	-0.07	-365.52	4,944.08	MWD	Weatherford
11/15/2014	13,495	86.73	0.12	9,601	3,912	3,851	-987	1.25	-0.46	-1.16	5,037.95	MWD	Weatherford
11/15/2014	13,588	86.48	359.87	9,606	4,004	3,943	-987	0.38	-0.27	386.83	5,130.78	MWD	Weatherford
11/15/2014	13,682	86.66	0.34	9,612	4,098	4,037	-987	0.53	0.19	-382.48	5,224.62	MWD	Weatherford
11/15/2014	13,776	86.48	0.17	9,617	4,191	4,131	-986	0.26	-0.19	-0.18	5,318.45	MWD	Weatherford
11/15/2014	13,869	86.73	1.44	9,623	4,284	4,224	-985	1.39	0.27	1.37	5,411.28	MWD	Weatherford
11/15/2014	13,963	86.42	0.83	9,629	4,377	4,318	-983	0.73	-0.33	-0.65	5,505.11	MWD	Weatherford
11/15/2014	14,057	86.67	2.51	9,634	4,471	4,412	-980	1.80	0.27	1.79	5,598.94	MWD	Weatherford
11/15/2014	14,150	86.85	2.31	9,639	4,563	4,504	-976	0.29	0.19	-0.22	5,691.79	MWD	Weatherford
11/15/2014	14,244	87.72	2.91	9,644	4,656	4,598	-972	1.12	0.93	0.64	5,785.68	MWD	Weatherford
11/15/2014	14,338	86.85	0.36	9,648	4,750	4,692	-969	2.86	-0.93	-2.71	5,879.57	MWD	Weatherford
11/15/2014	14,432	87.54	2.74	9,653	4,843	4,786	-967	2.63	0.73	2.53	5,973.45	MWD	Weatherford
11/15/2014	14,525	87.65	1.18	9,657	4,935	4,879	-964	1.68	0.12	-1.68	6,066.36	MWD	Weatherford
11/15/2014	14,619	87.91	358.63	9,661	5,029	4,973	-964	2.72	0.28	380.27	6,160.29	MWD	Weatherford
11/15/2014	14,712	87.90	357.75	9,664	5,122	5,065	-967	0.95	-0.01	-0.95	6,253.22	MWD	Weatherford
11/15/2014	14,806	87.16	358.90	9,668	5,216	5,159	-969	1.45	-0.79	1.22	6,347.13	MWD	Weatherford
11/15/2014	14,900	87.54	357.92	9,672	5,310	5,253	-972	1.12	0.40	-1.04	6,441.03	MWD	Weatherford
11/15/2014	14,993	87.35	359.04	9,676	5,402	5,346	-975	1.22	-0.20	1.20	6,533.94	MWD	Weatherford
11/15/2014	15,087	86.79	358.88	9,681	5,496	5,440	-976	0.62	-0.60	-0.17	6,627.81	MWD	Weatherford
11/15/2014	15,181	86.23	359.30	9,687	5,590	5,534	-978	0.74	-0.60	0.45	6,721.64	MWD	Weatherford
11/15/2014	15,275	86.74	359.94	9,693	5,683	5,628	-978	0.87	0.54	0.68	6,815.46	MWD	Weatherford
11/15/2014	15,368	86.66	0.04	9,698	5,776	5,720	-978	0.14	-0.09	-386.99	6,908.31	MWD	Weatherford
11/15/2014	15,462	86.17	0.87	9,704	5,870	5,814	-978	1.02	-0.52	0.88	7,002.12	MWD	Weatherford

NEWFIELD

Directional Survey

Legal Well Name Ute Tribal 14-10-3-3-2W-MW				Wellbore Name Original Hole					
API/UWI 43013522970000		Surface Legal Location SWSE 376FSL 2340FEL SEC10 T3S R2W MERU		Field Name UINTA CB-WASATCH HORZ		Well Type Development		Well Configuration Type Horizontal	
Well RC 500378192		County Duchesne		State/Province Utah		Spud Date 10/13/2014 12:00		Final Rig Release Date 12/2/2014 20:00	

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
11/15/2014	15,556	86.48	2.32	9,710	5,963	5,908	-975	1.57	0.33	1.54	7,095.93	MWD	Weatherford
11/15/2014	15,649	87.16	2.23	9,715	6,055	6,001	-971	0.74	0.73	-0.10	7,188.78	MWD	Weatherford
11/15/2014	15,773	89.07	3.69	9,719	6,178	6,125	-965	1.94	1.54	1.18	7,312.71	MWD	Weatherford
11/15/2014	15,866	87.27	1.53	9,722	6,270	6,217	-961	3.02	-1.94	-2.32	7,405.65	MWD	Weatherford
11/15/2014	15,960	86.94	357.60	9,727	6,364	6,311	-961	4.19	-0.35	378.80	7,499.51	MWD	Weatherford
11/15/2014	16,054	87.16	358.03	9,732	6,458	6,405	-965	0.51	0.23	0.46	7,593.39	MWD	Weatherford
11/15/2014	16,147	86.30	358.46	9,737	6,551	6,498	-968	1.03	-0.92	0.46	7,686.23	MWD	Weatherford
11/15/2014	16,241	87.78	360.00	9,742	6,644	6,592	-969	2.27	1.57	1.64	7,780.10	MWD	Weatherford
11/15/2014	16,335	87.29	0.52	9,746	6,738	6,686	-969	0.76	-0.52	-382.43	7,874.02	MWD	Weatherford
11/15/2014	16,428	87.72	2.46	9,750	6,830	6,778	-966	2.13	0.46	2.09	7,966.92	MWD	Weatherford
11/15/2014	16,522	87.10	359.48	9,754	6,924	6,872	-965	3.23	-0.66	379.81	8,060.82	MWD	Weatherford
11/15/2014	16,616	87.10	0.36	9,759	7,018	6,966	-965	0.93	0.00	-382.04	8,154.69	MWD	Weatherford
11/15/2014	16,709	86.98	357.66	9,764	7,110	7,059	-966	2.90	-0.13	384.19	8,247.56	MWD	Weatherford
11/15/2014	16,803	87.53	358.69	9,768	7,204	7,153	-969	1.24	0.59	1.10	8,341.45	MWD	Weatherford
11/25/2014	16,896	87.78	359.86	9,772	7,297	7,246	-971	1.29	0.27	1.26	8,434.37	MWD	Weatherford
11/25/2014	16,990	87.29	1.73	9,776	7,391	7,340	-969	2.05	-0.52	-380.99	8,528.28	MWD	Weatherford
11/25/2014	17,084	87.78	3.39	9,780	7,484	7,434	-965	1.84	0.52	1.77	8,622.19	MWD	Weatherford
11/25/2014	17,177	87.35	1.26	9,784	7,576	7,526	-961	2.33	-0.46	-2.29	8,715.10	MWD	Weatherford
11/25/2014	17,271	87.22	358.06	9,789	7,670	7,620	-962	3.40	-0.14	379.57	8,808.98	MWD	Weatherford
11/25/2014	17,364	88.21	356.41	9,792	7,763	7,713	-966	2.07	1.06	-1.77	8,901.90	MWD	Weatherford
11/25/2014	17,458	87.44	356.42	9,796	7,857	7,807	-972	0.82	-0.82	0.01	8,995.84	MWD	Weatherford
11/25/2014	17,552	87.59	357.07	9,800	7,951	7,901	-978	0.71	0.16	0.69	9,089.75	MWD	Weatherford
11/25/2014	17,645	87.53	356.92	9,804	8,043	7,993	-982	0.17	-0.06	-0.16	9,182.66	MWD	Weatherford
11/25/2014	17,739	87.96	358.89	9,808	8,137	8,087	-986	2.14	0.46	2.10	9,276.59	MWD	Weatherford
11/25/2014	17,833	87.96	0.22	9,811	8,231	8,181	-987	1.41	0.00	-381.56	9,370.52	MWD	Weatherford
11/25/2014	17,926	87.53	1.35	9,815	8,324	8,274	-985	1.30	-0.46	1.22	9,463.45	MWD	Weatherford
11/25/2014	18,020	87.66	1.83	9,819	8,417	8,368	-983	0.53	0.14	0.51	9,557.37	MWD	Weatherford
11/25/2014	18,114	87.97	0.39	9,822	8,511	8,462	-981	1.57	0.33	-1.53	9,651.30	MWD	Weatherford
11/25/2014	18,207	88.09	359.43	9,825	8,603	8,555	-981	1.04	0.13	386.06	9,744.24	MWD	Weatherford

NEWFIELD

Directional Survey

Legal Well Name Ute Tribal 14-10-3-3-2W-MW				Wellbore Name Original Hole					
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Well RC 500378192		County Duchesne		State/Province Utah		Spud Date 10/13/2014 12:00		Final Rig Release Date 12/2/2014 20:00	

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
11/25/2014	18,301	87.53	357.83	9,829	8,697	8,649	-983	1.80	-0.60	-1.70	9,838.17	MWD	Weatherford
11/25/2014	18,395	86.79	356.00	9,834	8,791	8,742	-988	2.10	-0.79	-1.95	9,932.05	MWD	Weatherford
11/25/2014	18,488	86.30	355.43	9,839	8,884	8,835	-995	0.81	-0.53	-0.61	10,024.88	MWD	Weatherford
11/25/2014	18,582	87.72	356.86	9,844	8,978	8,929	-1,002	2.14	1.51	1.52	10,118.75	MWD	Weatherford
11/25/2014	18,675	87.59	357.71	9,848	9,071	9,022	-1,006	0.92	-0.14	0.91	10,211.67	MWD	Weatherford
11/25/2014	18,769	86.48	357.03	9,853	9,164	9,115	-1,010	1.38	-1.18	-0.72	10,305.54	MWD	Weatherford
11/25/2014	18,863	86.42	358.22	9,859	9,258	9,209	-1,014	1.27	-0.06	1.27	10,399.36	MWD	Weatherford
11/25/2014	18,957	86.36	358.20	9,865	9,352	9,303	-1,017	0.07	-0.06	-0.02	10,493.17	MWD	Weatherford
11/25/2014	19,050	87.29	359.10	9,870	9,445	9,396	-1,019	1.39	1.00	0.97	10,586.03	MWD	Weatherford
11/25/2014	19,144	86.18	359.43	9,875	9,538	9,489	-1,020	1.23	-1.18	0.35	10,679.87	MWD	Weatherford
11/25/2014	19,256	87.29	1.07	9,881	9,650	9,601	-1,020	1.77	0.99	-319.96	10,791.68	MWD	Weatherford
11/25/2014	19,282	87.29	1.07	9,883	9,676	9,627	-1,020	0.00	0.00	0.00	10,817.65	MWD	Weatherford

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: UTE TRIBAL 14-10-3-2W-MW
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013522970000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0376 FSL 2340 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 03.0S Range: 02.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/3/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Daily Drilling Reports"/>

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

As per our conversation with Dustin Doucet, attached find the Daily Drilling Reports for the above mentioned well.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 22, 2016**

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 1/21/2016	

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date 8/28/2014	Report End Date 8/29/2014	24hr Activity Summary Set 60' of 20" conductor pipe.
Start Time 00:00	End Time 00:00	Comment Pete Martin Rig #16 spudded 26" hole on 08/28/2014 and drilled to 60' GL. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 60' GL; 88'KB and cemented to surface with Redi Mix. Kylan Cook notified UDOGM and BLM by phone @ 17:00 PM on 08/27/2014 to spud conductor hole on 08/28/2014. (Notified by e-mail @ 15:30 PM on 08/28/2014.)
Report Start Date 8/30/2014	Report End Date 8/31/2014	24hr Activity Summary MIRU Pro Petro Rig #10.
Start Time 07:00	End Time 00:00	Comment MIRU Pro Petro Rig #10.
Report Start Date 8/31/2014	Report End Date 9/1/2014	24hr Activity Summary Pick up directional BHA. Trip in hole to 60' GL. Drill 17 1/2" surface hole from 60' GL to 130' GL. Repair mud pump. Drill from 130' GL to 1270' GL.
Start Time 00:00	End Time 03:30	Comment Start picking up directional BHA. Trip in hole to 60' GL.
Start Time 03:30	End Time 05:30	Comment Spud 17 1/2" hole @ 03:30 AM on 08/31/2014. Drill from 60' GL to 130' GL while picking up directional tools.
Start Time 05:30	End Time 06:30	Comment Install rotating head rubber.
Start Time 06:30	End Time 09:30	Comment Replace gasket in mud pump. Tighten union on top drive.
Start Time 09:30	End Time 13:30	Comment Drill from 130' GL to 560' GL while picking up BHA. First sign of water flow was while making connection at 410' GL. Flowing about 10 gallons per minute. Water sample was collected.
Start Time 13:30	End Time 14:00	Comment Change rubber size in rotating head.
Start Time 14:00	End Time 00:00	Comment Drill from 560' GL to 1270' GL.
Report Start Date 9/1/2014	Report End Date 9/2/2014	24hr Activity Summary Drill from 1270' GL to 1330' GL. Repair/replace washed out pod on mud pump. Drill from 1330' GL to 1420' GL. Work on pump/rod washers.
Start Time 00:00	End Time 02:30	Comment Drill from 1270' GL to 1330' GL.
Start Time 02:30	End Time 21:00	Comment Repai/replace washed out pod on mud pump.
Start Time 21:00	End Time 23:00	Comment Drill from 1330' GL to 1420' GL.
Start Time 23:00	End Time 00:00	Comment Work on mud pump/rod washers.
Report Start Date 9/2/2014	Report End Date 9/3/2014	24hr Activity Summary Work on rod washers. Drill from 1420' GL to 1510' GL. Change swabs. Drill from 1510' GL to TD @ 1630' GL. Circulate. Lost gear end in Mud Pump #2. Trip out of hole. Change liner size in Mud Pump #1. Trip back to bottom. Circulate. Start trip out of hole to run surface casing.
Start Time 00:00	End Time 00:30	Comment Work on mud pump/rod washers.
Start Time 00:30	End Time 02:30	Comment Drill from 1420' GL to 1510' GL.

NEWFIELD



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Start Time	02:30	End Time	03:30	Comment
				Change swabs and clean rod washers.
Start Time	03:30	End Time	06:00	Comment
				Drill from 1510' GL to TD @ 1630' GL. TD 17 1/2" hole @ 06:00 AM on 09/02/2014.
Start Time	06:00	End Time	07:00	Comment
				Circulate for trip. While circulating lost gear end in Mud Pump #2.
Start Time	07:00	End Time	11:30	Comment
				Trip out of hole and lay down directional tools.
Start Time	11:30	End Time	16:30	Comment
				Replace 5" liners with 6 1/2" liners on Mud Pump #1. While replacing liners found cracks in pony rods. Call out welder and repair.
Start Time	16:30	End Time	21:00	Comment
				Trip back to bottom. Tag fill 150' off bottom. Wash back to bottom.
Start Time	21:00	End Time	23:00	Comment
				Circulate to trip out of hole and run surface casing.
Start Time	23:00	End Time	00:00	Comment
				Start trip out of hole to run surface casing.
Report Start Date	Report End Date	24hr Activity Summary		
9/3/2014	9/3/2014	Finish tripping out of hole. Run surface casing. Weld top cap. Cement surface casing. Wait on cement. Prepare to move rig over (Pad Well) to Ranch 15-10-3-3-2W-MW. Release rig.		
Start Time	00:00	End Time	02:30	Comment
				Finish tripping out of hole for surface casing.
Start Time	02:30	End Time	03:00	Comment
				Rig up to run surface casing. First sign of water flow was while making connection at 410' GL. Well flowing 6.5 gallons per minute at the start of running casing.
Start Time	03:00	End Time	08:00	Comment
				Run 38 joints (1613.64') of 13 3/8", 54.5#, J-55, BT&C casing with Top-Co guide shoe and float collar. 14 centralizers spaced 10' from the shoe, on top of joints #2 & #3 then every 3rd collar to surface. Landed @ 1613.64' GL, Float Collar @ 1567.64' GL. Had to wash last 4 joints of casing down.
Start Time	08:00	End Time	09:00	Comment
				Circulate with casing on bottom.
Start Time	09:00	End Time	10:30	Comment
				Weld top cap from casing to conductor pipe.
Start Time	10:30	End Time	11:00	Comment
				Circulate casing with rig pump. Rig up Pro Petro Cementers.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time			End Time			Comment		
11:00			13:00			<p>Cement Job: Pumped 20 bbls fresh water & 40 bbls gelled water flush ahead of cement.</p> <p>Lead: Mixed and pumped 540 sacks (275 bbls) of Type V Cement with 16% Gel, 10 #/sk Gilsonite, 2#/sk Gr3, 3% Salt, and 1/4 #/sk Flocele. Mixed cement @ 12.0 ppg with yield of 2.86 cf/sk.</p> <p>Tail: Mixed and pumped 675 sacks (138 bbls) of Premium Class G Cement with 2% CaCl2, and 1/4 #/sk Flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk.</p> <p>Displaced cement with 240 bbls fresh water. Bumped plug with 900# @ 13:00 PM on 09/03/2014. Floats held. 80 bbls cement to surface. Shut in well after pumping stopped.</p> <p>Kylan Cook notified UDOGM and BLM of the surface casing & cement job via e-mail on 08/31/2014 @ 19:30 AM.</p> <p>Dennis Ingram with UDOGM was on location for cement job.</p>		
Start Time			End Time			Comment		
13:00			21:00			<p>Wait on cement. Prepare to move rig over (Pad Well) to Ranch 15-10-3-3-2W-MW.</p> <p>Release rig @ 21:00 PM on 09/03/2014.</p>		
Report Start Date	Report End Date	24hr Activity Summary						
9/25/2014	9/26/2014	Finish preparation of location for drilling rig.						
Start Time			End Time			Comment		
00:00			00:00			<p>09/19/2014 - Drill Mouse Hole.</p> <p>09/20/2014 - Final blade location.</p> <p>09/21/2014 - Weld on Wellhead.</p> <p>09/22/2014 - Cement cellar floor up to the top of base plate on wellhead.</p> <p>SURFACE HOLE DIRECTIONAL SURVEY DEPTHS ARE GROUND LEVEL.</p> <p>Location is ready for drilling rig.</p>		
Report Start Date	Report End Date	24hr Activity Summary						
10/13/2014	10/14/2014	Walk rig to the Ute Tribal 14-10-3-3-2W-MW. NU and test BOPE. Change upper pipe rams to VBRs.						
Start Time			End Time			Comment		
12:00			13:00			Day rate on Patterson 290 split between the Ranch 15-10-3-3-2W-MW & the Ute tribe 14-10-3-3-2W-UW During rig up & Half of all rig up tickets.		
Start Time			End Time			Comment		
13:00			17:00			(Start) HPJSM w/ Rig Crews, Fuction Test Walking System for rig skid. Skid Rig 30' f/ the Ranch 15-10-3-3-2W-UW t/ the Ute Tribal 14-10-3-3-2W-MW. Walk catwalk.		
Start Time			End Time			Comment		
17:00			20:00			(Start) HPJSM & Nipple Up Bop & prepare to test Bop's As Follows, Set Stack on Well Head & Spacer Spool, Torque up Bop, Hook Up Koomey Lines and Function Test Bop's		
Start Time			End Time			Comment		
20:00			00:00			(Start) Test BOPE/Csg... Rig Up testers & Test BOP's , test TIW, dart valve, Lower Kelly cock valve, and IBOP to 250 psi low 5000 psi high. man IBOP, dart, outside manifold vales, downstream manifold valves to 250 psi 5 min low - 5000 psi 10 min high. Change out to pipe rams f/solid bodys to VBRs, Made several attempts to Break bop doors, Bolts on BOP Doors where Over Toqured.		
Report Start Date	Report End Date	24hr Activity Summary						
10/14/2014	10/15/2014	C/O VBR's & Burn Sub, Test Bops, Install wear bushing, PU BHA, TIH to 1200', Cut & Clip 80' of drill line, Drill shoe track, FIT.						
Start Time			End Time			Comment		
00:00			05:30			(Stop) Unplanned..... Change out pipe rams f/solid bodys to VBRs, Made several attempts to Break bop doors, Bolts on BOP Doors where Over Torqued. Change Out Burn Sub On Top Drive,		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	05:30	End Time	13:00	Comment
				(Start) Test BOPE/Csg... Rig Up testers & Test BOP's , test annular 250 psi low 3500 psi high, test upper and lower pipe rams, 250 psi 5 min low - 5000 psi 10 min high, mudline - 250 psi 5 min low 5000 psi 10 min high, Fill csg and test 1500 psi for 30 mins, R/D Testers, Rig Up flow line.
Start Time	13:00	End Time	13:30	Comment
				Install wear bushing.
Start Time	13:30	End Time	16:30	Comment
				(Start) P/U BHA Directional tools, Bit, Mud Motor, X/O, Scribe Dir Tools,
Start Time	16:30	End Time	17:30	Comment
				TIH to 1200'.
Start Time	17:30	End Time	22:00	Comment
				Cut & Slip 80' of Drill Line
Start Time	22:00	End Time	22:30	Comment
				TIH to Shoe Track. Tag cement @ 1550'.
Start Time	22:30	End Time	23:00	Comment
				(Start) Drill shoe track/FIT... Drill cement f/ 1550' to 1642' (Float Collar @ 1595' Float Shoe @ 1642')
Start Time	23:00	End Time	23:30	Comment
				Drill 10' of new formation for FIT. Drill 12.25" Vertical Hole Section F/ 1642' To 1655' (2 Pumps on the hole at 75 a piece, 600 GPM) Present Mwt 8.9 ppg
Start Time	23:30	End Time	00:00	Comment
				Circ Bottoms up, Spot Hi Vis Pill, FIT to 13 ppg EMW, 13 ppg - 8.9 ppg = 4.1 x .052 x 1655' = 353 psi
Report Start Date	Report End Date	24hr Activity Summary		
10/15/2014	10/16/2014	Drill 12.25" Vertical Hole Section F/ 1642' To 2284', Rig Service, Drill F/ 2284' To/ 3031', Rig Service, Rig Repair, Drill f/ 3031' to 3563', Repair Mud Pump, Drill f/ 3563' to 3601', Rig Repair, Drill f/ 3601' to 3696'.		
Start Time	00:00	End Time	04:00	Comment
				(Start) Drill 12.25" Vertical Hole Section F/ 1642' To 2284' (2 Pumps on the hole at 110 a piece, 902 GPM) Present Mwt 9.2 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time	04:00	End Time	04:30	Comment
				Rig Service
Start Time	04:30	End Time	11:30	Comment
				Drill 12.25" Vertical Hole Section F/ 2284' To 3031' (2 Pumps on the hole at 110 a piece, 902 GPM) Present Mwt 9.2 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time	11:30	End Time	12:00	Comment
				Rig Service
Start Time	12:00	End Time	13:00	Comment
				(Stop) Unplanned...Trouble Shoot Shot pin assembly on top drive.
Start Time	13:00	End Time	17:00	Comment
				(Start) Drill 12.25" Vertical Hole Section F/ 3031' To 3563' (2 Pumps on the hole at 110 a piece, 902 GPM) Present Mwt 9.4 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time	17:00	End Time	18:00	Comment
				(Stop) Unplanned...Change out swab on #2 Mud Pump.
Start Time	18:00	End Time	18:30	Comment
				(Start) Drill 12.25" Vertical Hole Section F/ 3563' To 3601' (2 Pumps on the hole at 110 a piece, 902 GPM) Present Mwt 9.5 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time	18:30	End Time	23:00	Comment
				(Stop) Unplanned...Work on top drive. Troubleshoot shot pin assembly and hydraulic actuator valve sticking on drawworks. Change solenoid on top drive.
Start Time	23:00	End Time	00:00	Comment
				(Start) Drill 12.25" Vertical Hole Section F/ 3601' To 3696' (2 Pumps on the hole at 110 a piece, 902 GPM) Present Mwt 9.4 ppg Pump 30 bbl Hi Vis Sweep Every 200'.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

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Daily Operations		
Report Start Date 10/16/2014	Report End Date 10/17/2014	24hr Activity Summary Rig Service, Drill 12.25" Vertical Hole Section f/ 3696' to 5092', Rig Service, Drill f/ 5092' to 5291'. Repair mud pump. Drill f/ 5291' to 5431'.
Start Time 00:00	End Time 00:30	Comment Rig Service
Start Time 00:30	End Time 16:00	Comment Drill 12.25" Vertical Hole Section F/ 3696' To 5092' (2 Pumps on the hole at 110 a piece, 921 GPM) Present Mwt 9.4 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time 16:00	End Time 16:30	Comment Rig Service
Start Time 16:30	End Time 20:30	Comment Drill 12.25" Vertical Hole Section F/ 5092' To 5291' (2 Pumps on the hole at 110 a piece, 921 GPM) Present Mwt 9.4 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time 20:30	End Time 21:00	Comment (Stop) Unplanned - repair liner gasket on Mud Pump #2.
Start Time 21:00	End Time 00:00	Comment (Start) Drill 12.25" Vertical Hole Section F/ 5291' To 5431' (2 Pumps on the hole at 110 a piece, 921 GPM) Present Mwt 9.4 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Report Start Date 10/17/2014	Report End Date 10/18/2014	24hr Activity Summary Drill 12.25" Vertical Hole Section F/ 5431' to 5652', Rig Service, Drill F/ 5652' to 5732'. TOOH for new bit. P/U new mud mtr & Bit, TIH to 5086', Troubleshoot dynamic brake.
Start Time 00:00	End Time 04:00	Comment Drill 12.25" Vertical Hole Section F/ 5431' To 5651' (2 Pumps on the hole at 110 a piece, 921 GPM) Present Mwt 9.4 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time 04:00	End Time 04:30	Comment Rig Service
Start Time 04:30	End Time 06:00	Comment Drill 12.25" Vertical Hole Section F/ 5651' To 5732' (2 Pumps on the hole at 110 a piece, 921 GPM) Present Mwt 9.4 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time 06:00	End Time 07:00	Comment (Stop) Circulate and prep to TOOH for new bit. Circulate BU, build stay dry pill, fill trip tank.
Start Time 07:00	End Time 11:00	Comment (Start) Pump stay dry pill. TOOH for bit F/ 5732' to 107'. SLM, Monitor well on trip tank.
Start Time 11:00	End Time 17:00	Comment Break float sub off, P/U HWDP pull MWD tool out, Rack monel back, Drain mtr, Break off bit, Lay down mtr, & Pick up new mtr & Adjust to 1.5 degree, Scribe mtr, Bit graded 1-3-CT-G-X-0-NO-PR.
Start Time 17:00	End Time 17:30	Comment Test MWD
Start Time 17:30	End Time 22:00	Comment (Start) TIH to 5086' filling pipe every 2500'. W&R tight spots at 3990'-4006', 4270'-4280', 4320'-4330', 4376'-4380'.
Start Time 22:00	End Time 00:00	Comment (Stop) Blown dynamic brake in the VFD house.
Report Start Date 10/18/2014	Report End Date 10/19/2014	24hr Activity Summary Circulate, TIH to 5580', W&R tight spots, TIH to 5732', Pump Sweep, Drill f/ 5732' to 5861'. work on pump, Drill F 5861' to 6306', work on HPU unit, Drill f/ 6306' to 6681'.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	00:00	End Time	00:30	Comment
Start Time	00:30	End Time	01:00	Comment
Start Time	01:00	End Time	02:00	Comment
Start Time	02:00	End Time	02:30	Comment
Start Time	02:30	End Time	03:00	Comment
Start Time	03:00	End Time	07:00	Comment
Start Time	07:00	End Time	07:30	Comment
Start Time	07:30	End Time	16:30	Comment
Start Time	16:30	End Time	17:00	Comment
Start Time	17:00	End Time	00:00	Comment
Report Start Date	Report End Date	24hr Activity Summary		
10/19/2014	10/20/2014	Drill f/ 6681 to 6869'. Rig serv, rig repair, Drill F/ 6869' to 7183', Work on mud pump, Drill F/ 7183' to 7726'.		
Start Time	00:00	End Time	04:00	Comment
Start Time	04:00	End Time	04:30	Comment
Start Time	04:30	End Time	05:30	Comment
Start Time	05:30	End Time	12:30	Comment
Start Time	12:30	End Time	13:30	Comment
Start Time	13:30	End Time	00:00	Comment
Report Start Date	Report End Date	24hr Activity Summary		
10/20/2014	10/21/2014	Drill f/ 7726 to 7803', Rig Service, Drill f/ 7803' to 8013', Back ream to 7534', Drill F/ 8013' to 8176', Rig serv, Drill F/ 8178' to 8458'.		
Start Time	00:00	End Time	01:30	Comment
Start Time	01:30	End Time	02:00	Comment
Start Time	02:00	End Time	08:30	Comment

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	08:30	End Time	10:30	Comment
				(Stop) Back Ream F/ 8030' to 7534' to clean hole up for torque.
Start Time	10:30	End Time	15:30	Comment
				Drill 12.25" Vertical Hole Section F/ 8013 To 8178'(2 Pumps on the hole at 100 apiece, 837 GPM) Present Mwt 9.9 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Start Time	15:30	End Time	16:00	Comment
				Rig service
Start Time	16:00	End Time	00:00	Comment
				Drill 12.25" Vertical Hole Section F/ 8178' To 8458'(2 Pumps on the hole at 95 apiece, 796 GPM) Present Mwt 10.1 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
Report Start Date	Report End Date	24hr Activity Summary		
10/21/2014	10/22/2014	Drill f/ 8458 to 8617' (TD), Circulate BU, begin TOOH F/ csg run, Work on Dynamic brake, TOOH & L/D dirc tools, pull wear bushing, PJSM, rig up casers, begin running 9 5/8" casing.		
Start Time	00:00	End Time	03:00	Comment
				Drill 12.25" Vertical Hole Section F/ 8458' To 8617'(2 Pumps on the hole at 95 apiece, 796 GPM) Present Mwt 10.1 ppg Pump 30 bbl Hi Vis Sweep Every 200'.
				TD 12.25" Intermediate Section at 3:00 am.
Start Time	03:00	End Time	04:30	Comment
				Circulate two BU. Pump Hi Visc sweep, condition mud, build dry job, prep for TOOH.
Start Time	04:30	End Time	08:30	Comment
				(Start) Trip... Fill Trip tank, Check flow - No Flow, Pump pill and TOOH to 1533' - monitoring trip tank for fill. Hole taking proper fill.
Start Time	08:30	End Time	09:00	Comment
				Rig service.
Start Time	09:00	End Time	14:30	Comment
				(Stop) Unplanned Change out dynamic brake block on VFD house.
Start Time	14:30	End Time	16:30	Comment
				(Start) TOOH & L/D HWDP & Jars.
Start Time	16:30	End Time	19:30	Comment
				L/D Dirc tools.
Start Time	19:30	End Time	20:30	Comment
				Pull wear bushing. Clear rig floor.
Start Time	20:30	End Time	22:30	Comment
				(Start) Casing Operations... Held safety meeting with casing crew & Rig crew & Rig up casers.
Start Time	22:30	End Time	00:00	Comment
				Pick up 2 jt shoe track and Run 9 5/8" 40# N-80 BTC connection, F/ surface t/ 992'.Centralizers 1 on the first 3 jts and 1 on every third jt for a total of 8,
Report Start Date	Report End Date	24hr Activity Summary		
10/22/2014	10/23/2014	Run 9 5/8" casing, Work stuck pipe, circulate gas out of well bore, work stuck pipe, install rotating head, work stuck pipe & rig up free point truck & build pill, freepoint 9 5/8" casing.		
Start Time	00:00	End Time	09:30	Comment
				Continue running 9 5/8" casing F/ 992' to 6200'. Stop to fill 100 bbls @ 6200'. Run casing F/6200' to 8377'.
				Autofill floats not working properly as indicated by excessive displacement during casing run. Not enough mud in casing (approx. 150 bbls) - pipe likely collapsed.
Start Time	09:30	End Time	10:00	Comment
				(Stop) Work stuck pipe at 8377'. Approximately 7' of play 8373'-8380'.
Start Time	10:00	End Time	12:00	Comment
				Fill casing and circulate gas out of wellbore through choke.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Report Start Date 10/23/2014			Report End Date 10/24/2014			24hr Activity Summary Freepoint, RD DCT, PU 9 5/8" jt and begin circulating Easy Spot pill & Pump 1 bbl every 15 min, hole packed off - no circulation, R/D Crt tool & Wait on free point truck, RU and run stuck pipe log, RU freepoint.		
Start Time	12:00	End Time	17:00	Comment Open hydril check flow resume working stuck pipe at 8377'. Pull up to 550k with no progress.				
Start Time	17:00	End Time	18:00	Comment Install rotating head rubber				
Start Time	18:00	End Time	21:30	Comment Work stuck pipe @ 8377'. Rig up DCT freepoint and build EZ Spot pill. Strip MW back to 9.8 ppg.				
Start Time	21:30	End Time	00:00	Comment Hold PJSM w/ DCT. Freepoint 9 5/8" casing. Determine casing to be free at 8118' and stuck at 8170'. Casing stuck approx. 225' above current shoe depth.				
Start Time	00:00	End Time	01:00	Comment Freepoint 9 5/8" casing. Determine casing to be free at 8118' and stuck at 8170'. Casing stuck approx. 225' above current shoe depth.				
Start Time	01:00	End Time	02:00	Comment RD DCT freepoint truck.				
Start Time	02:00	End Time	02:30	Comment PU 1 jt 9 5/8" casing and stab tawg tool to circulate pill and work pipe.				
Start Time	02:30	End Time	04:00	Comment Pump 100 bbl EZ Spot pill. Spot 15 bbl (269 ft.) in annulus. 2000u of gas on BU.				
Start Time	04:00	End Time	13:00	Comment Circulate pill. Pump 1 bbl every 15 min. letting it soak. Work pipe up and down pulling up to 550 klbs. Putting 6 klbs of torque in with tawg tool. Well packed off @ 11:00 Let torque out work stuck pipe to try and get returns with no success, Pull up to 550K & countiue pumping 1bbl every 15 min.				
Start Time	13:00	End Time	15:00	Comment Lay down 1 jt of 9 5/8" casing & Rig down CRT tool and casing bales.				
Start Time	15:00	End Time	18:00	Comment Wait on Free point truck & Have conference call w/ engineer to discuss backoff plan.				
Start Time	18:00	End Time	19:00	Comment Hold PJSM w/ Single Shot. RU wireline truck to run stuck pipe log. Set slips on casing and tie in w/ swedge and wireline packoff.				
Start Time	19:00	End Time	21:30	Comment Run stuck pipe log. Tag float collar @ 8293'. Pull up logging. Joint #6 in tally, four jts above collar appears to be collapsed from 8140'-8175'. Continue logging, potential packoff zones at 2450'-2470', 2380'-2390', and 1630'-1650' (surface casing shoe @ 1642').				
Start Time	21:30	End Time	00:00	Comment Prep to freepoint casing. LD packoff and swedge, PU pup joint and 350 ton elevators.				
Report Start Date	10/24/2014	Report End Date	10/25/2014	24hr Activity Summary Finish RU freepoint, freepoint 9 5/8" casing, RD wireline. Attempt to circ we did get circ , Bring mud wt up to 10.1 ppg, R/U free point truck & Free point, Pull free point & lay it down, Rig serv, P/U Split shot & run in hole, shoot collar at 8100', work stuck pipe w/no noticeable change, circ, work stuck casing and wait on tools to TIH with hyd internal cutting tool on DP				
Start Time	00:00	End Time	01:30	Comment PU 9 5/8" pup jt, 9 5/8" BTC x 4" X/O, swivel, lift sub, and wireline packoff.				
Start Time	01:30	End Time	05:00	Comment Freepoint 9 5/8" casing. Work down to 2650' - 100% stuck. Come up checking freepoint. Freepoint @ 2454', set down to 200k and casing dropped 1-2 ft. and gained 90 klbs of hookload. 100% free @ 2454'. Run back down to 2650', casing now 100% free @ 2650'. Work down to 8130'. Tag up at 8130', top of bad jt., unable to work down past. Freepoint @ 8117', 100% free. Pull up checking torque. Putting 12k torque in at surface w/ power tongs. Unable to see torque down past 1900'.				

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	End Time	Comment
05:00	06:30	Hold conference call w/ engineer. Believe packoff may have broke loose when casing dropped while running freepoint. Determine to PU 9 5/8" BTC x 4 1/2" IF X/O and attempt to gain circulation w/ topdrive. RD wireline unit.
06:30	11:00	Fill pipe pressure up to 150psi kick pump out, Put 10K to the right on the casing work casing up and down Pressure drop off kicked pumps back in regained circulation & Keep working pipe F/ 50k to 550K. & Bring mud wt up to a 10.1 ppg all the way around.
11:00	11:30	R/D circ swedge & cross overs
11:30	13:30	Held safety mtg & R/U Free point equ
13:30	16:30	Run free point tools in hole and free point @ 8120' pipe was free, Pull freepoint & lay Freepoint tool down.
16:30	17:00	Rig service.
17:00	18:00	Wait on split shot tool.
18:00	19:30	Pick up split shot tool run in hole with wireline to 8100', slack off string wt to 50k with 7 k torque, when charge went off lost 3k torque and gained 24K string wt, work pipe to 580K, rotate to 20k torque with no noticeable change.
19:30	21:00	POOH with wire line and rig down, rig up top drive for circulating
21:00	00:00	Work to reestablish Circulation, circulate at 586 gpm and work stuck casing while waiting on internal hyd cutting tool
Report Start Date 10/25/2014	Report End Date 10/26/2014	24hr Activity Summary PU internal cut off tool and TIH w/DP to cut off casing, Cut casing, TOO H W/ cutter, LD fishing tools, screw into casing w/TD, work tight hole and establish circulation, circ BU and work pipe while rigging up casing crew, break out circulating subs and POOH laying down 9 5/8" casing from 8060' to 5800', monitoring trip tank.
00:00	02:00	RD X-O sub and tools from top drive, casing crew, PU Hyd internal cutting tool and mill
02:00	09:00	TIH with internal cutting tool on DP inside casing TIH and tag @ 8121'
09:00	09:30	Rig up Pig truck to cellar and possum belly for casing cut.
09:30	10:30	Space out to make 9 5/8" casing cut @ 8060', Fill pipe turn topdrive rpms to 45 W/ 10K torq on topdrive & 15 SPM on pump W/ 792psi on standpipe when casing was cut Psi dropped to 50 psi & topdrive torq dropped to 8.3K.
10:30	18:00	Pump trip slug & TOO H W/ Internal casing cutter to Surface & L/D Internal cutter BHA. When pulled tools out we had lost a Mill & 1 XO sub in hole
18:00	19:00	Work tight hole to establish circulation and get casing moving
19:00	21:00	Circulate bottoms up at 10 bbl/min while working casing and RU casing crew, 4440 units with bottoms up, no flare, pump drying slug
21:00	00:00	(Start) Break out circulating subs and POOH laying down 9 5/8" casing from 8060' to 5800', monitoring trip tank. Released Slaugh fishing service

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

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Daily Operations			
Report Start Date 10/26/2014	Report End Date 10/27/2014	24hr Activity Summary POOH laying down 9 5/8" casing R/D casers, Strap BHA TIH to casing shoe, slip and cut DL, TIH for cleanout trip, work bridges at 5730' amd 5738', TIH, tag up at 8036'	
Start Time	End Time	Start Time	End Time
00:00	05:00		
		Comment POOH laying down 9 5/8" casing from 5800' to 1500'	
Start Time	End Time	Start Time	End Time
05:00	05:30		
		Comment Pull rotating head rubber	
Start Time	End Time	Start Time	End Time
05:30	08:00		
		Comment Continue POOH laying down 9 5/8" casing from 1500' to Surface.	
Start Time	End Time	Start Time	End Time
08:00	08:30		
		Comment R/D casing crew.	
Start Time	End Time	Start Time	End Time
08:30	10:00		
		Comment L/D all 3rd party equ, Install wear bushing	
Start Time	End Time	Start Time	End Time
10:00	11:00		
		Comment (Start) Straping BHA & Loading racks,	
Start Time	End Time	Start Time	End Time
11:00	16:30		
		Comment M/U Bit bit sub & pick up HWDP & TIH to casing shoe F/ surface to 1617'	
Start Time	End Time	Start Time	End Time
16:30	19:00		
		Comment Slip and cut DL	
Start Time	End Time	Start Time	End Time
19:00	00:00		
		Comment (Start) TIH for clean out trip, W/R and work bridges at 5730', 5738', TIH with no problems, tag up at 8036', attempt to wash and ream with no results.	
Report Start Date 10/27/2014	Report End Date 10/28/2014	24hr Activity Summary Circ/rotate to clean hole and treat mud, TOO, TIH to pump kick off plug, Circ R/U Halliburton, pump 575' cement plug, POOH for directional tools	
Start Time	End Time	Start Time	End Time
00:00	03:30		
		Comment (Start) Circ/rotate to clean hole and treat mud with soltex, check flow, pump slug	
Start Time	End Time	Start Time	End Time
03:30	09:00		
		Comment (Start) Trip out for open end DP for kick off plug F/ 8036' to surface. L/D Bit & Bit sub.	
Start Time	End Time	Start Time	End Time
09:00	13:30		
		Comment (Start) TIH W/ Open ended dp to pump kick off plug. Tagged up @ 8037' Spaced out to 8016',	
Start Time	End Time	Start Time	End Time
13:30	17:30		
		Comment (Start) Circ & Cond for Cement kick off plug. Haliburton on location 14:30, R/U Halliburton.	
Start Time	End Time	Start Time	End Time
17:30	19:00		
		Comment (Start) Cement plug operations, test pump and lines to 5000psi, pump 34 bbl of tuned spacer (13 ppg), 85 bbl of primary cement, (17.5 ppg), 6 bbl of tuned spacer(13 ppg), 107 bbl of drilling mud(10.5 ppg), POOH 10 stands.	
Start Time	End Time	Start Time	End Time
19:00	20:00		
		Comment Pull 10 stands DP	
Start Time	End Time	Start Time	End Time
20:00	21:00		
		Comment (Start) Circulate surface to surface to clear DP of any cement	
Start Time	End Time	Start Time	End Time
21:00	00:00		
		Comment (Start) Check flow, pump slug and trip out for directional tools	
Report Start Date 10/28/2014	Report End Date 10/29/2014	24hr Activity Summary PU BHA and surface test tools, TIH W/R, Polish cmt plug for kick off, Trough F/ kick off to 7556', lost cmt plug, orient tool face and look for hard spot in cmt	
Start Time	End Time	Start Time	End Time
00:00	01:00		
		Comment Clean rig floor PU BHA and surface test tools	
Start Time	End Time	Start Time	End Time
01:00	03:30		
		Comment (Start) PJSM, PU BHA and surface test tools	
Start Time	End Time	Start Time	End Time
03:30	13:00		
		Comment TIH filling dp every 3000' W/R @ 2497'-2659, 3964'-4058', 4807'- 4901', 5745'-6118', 7027'- 7497'.	
Start Time	End Time	Start Time	End Time
13:00	14:30		
		Comment (Start) Polishing cement plug F/ 7497' to 7555'.	

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	14:30	End Time	18:00	Comment	Trough for kick off F/ 7530' to 7556'
Start Time	18:00	End Time	19:30	Comment	Trouble shoot top drive orient mode
Start Time	19:30	End Time	23:00	Comment	Orient tool face and look for spot to kick off F/ 7556' to 7566'
Start Time	23:00	End Time	00:00	Comment	Trough for kick off F/ 7566' to 7571'
Report Start Date	10/29/2014	Report End Date	10/30/2014	24hr Activity Summary Orient tool face and look for hard spot for kick off at 7574' to 7577', trough F/ 7572' to 7587', Polish cmt F/ 7587' to 7614', Trough F/ 7590,' to 7614'. Time Drill F/ 7614' to 7618' cement fell out, polish cmt rotating w/30 RPM F/7614 to 7624', time drill to 7632'	
Start Time	00:00	End Time	00:30	Comment	Orient tool face and look for hard spot in cement for kick off from 7571' to 7574'
Start Time	00:30	End Time	02:30	Comment	(Start) Orient tool face and begin building trough for Kick off, lost diff pressure and weight on bit
Start Time	02:30	End Time	03:00	Comment	Orient tool face and look for hard spot in cement for kick off from 7574' to 7577'
Start Time	03:00	End Time	06:00	Comment	(Start) Orient tool face and begin building trough for Kick off at 7572' to 7587'
Start Time	06:00	End Time	09:30	Comment	Polish cement F/ 7587' to 7614'
Start Time	09:30	End Time	11:30	Comment	(Start) Orient tool face and begin building trough for Kick off at F/ 7590' to 7614'
Start Time	11:30	End Time	18:30	Comment	(Start) Time drill F/ 7614' to 7618' 1" every 5 min, W/ 110 spm 460gpm.
Start Time	18:30	End Time	19:00	Comment	Polish cement F/ 7618' to 7624', W/30 RPM, 110 spm 460gpm.
Start Time	19:00	End Time	19:30	Comment	(Start) Orient tool face and begin building trough for Kick off at F/ 7606' to 7624'
Start Time	19:30	End Time	00:00	Comment	(Start) Time drill F/ 7624' to 7632' W/ 130 spm 540gpm.
Report Start Date	10/30/2014	Report End Date	10/31/2014	24hr Activity Summary Time drlg f/7632' to 7639', polish cmt, Trough F/ 7665' to 7674', Time drill F/ 7674' to 7685', trip for motor and bit	
Start Time	00:00	End Time	01:00	Comment	Time drill F/ 7632' to 7639' W/ 130 spm 540gpm.
Start Time	01:00	End Time	03:30	Comment	Polish cement F/ 7639' to 7674', W/30 RPM, 110 spm 450gpm.
Start Time	03:30	End Time	05:00	Comment	(Start) Orient tool face and begin building trough for Kick off at F/ 7665' to 7674'
Start Time	05:00	End Time	16:30	Comment	Time drill F/ 7674' to 7685' W/ 130 spm 540gpm
Start Time	16:30	End Time	20:30	Comment	Check for flow, Pump slug, Trip out of hole from 7685' to 967' to change BHA
Start Time	20:30	End Time	00:00	Comment	(Start) POOH w/ HWDP, C/O MWD tolols, C/O motors
Report Start Date	10/31/2014	Report End Date	11/1/2014	24hr Activity Summary Adjust motor bend, make up bit and TIH, through from 7655' to 7687', time drill from 7687' to 7690' at 15:00, observed 70% formation in sample from f/7690', 50% f/ 7697', 40% f/ 7698' thru 7700'.	
Start Time	00:00	End Time	02:30	Comment	Adjust motor bend, make up bit

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Report Start Date 11/1/2014			Report End Date 11/2/2014			24hr Activity Summary Time drlg f/7700' to 7703', observed 40% formation on samples, Decision made to trip out for dummy run in order to set whipstock, Trip out, Laydown bent motor assembly, Pick up dumb iron packed hole assembly and TIH 5774', W/R tight spots		
Start Time	02:30	End Time	04:00	Comment	(Start) TIH to 1714'			
Start Time	04:00	End Time	04:30	Comment	Test directional tools			
Start Time	04:30	End Time	09:00	Comment	Trip in hole to 7617', wash/ream from 1810' to 1997'			
Start Time	09:00	End Time	12:00	Comment	Orient tool face to 180 and trough from 7655' to 7687'			
Start Time	12:00	End Time	00:00	Comment	Time drill from 7687' to 7700', observed 60% formation on samples from 7687' and 7688', 70% f/7690', 50% f/7697', 40% f/7698' thru 7700',			
Report Start Date	11/1/2014	Report End Date	11/2/2014	24hr Activity Summary				
Start Time	00:00	End Time	02:00	Comment	Time drill from 7700' to 7702', observed 40% formation on samples from 7700', 40% f/7702'			
Start Time	02:00	End Time	04:00	Comment	Orient tool face to 180 and trough from 7687' to 7702'			
Start Time	04:00	End Time	06:00	Comment	Time drill from 7702' to 7703', cont. to see 30-40% formation on samples			
Start Time	06:00	End Time	06:30	Comment	Service rig, Inspect and lubricate blocks, crown, top drive, and drawworks			
Start Time	06:30	End Time	11:00	Comment	Decision made to trip out for dummy run in order to set whipstock, Pump slug, Trip out of hole from 7703' to 969'			
Start Time	11:00	End Time	13:30	Comment	Rack back HWDP, jars, crossover to 6 5/8" Reg, and one NMDC, Lay down remaining BHA and directional tools			
Start Time	13:30	End Time	14:00	Comment	Service rig, Clean rig floor			
Start Time	14:00	End Time	15:00	Comment	Make up mill tooth cone bit to 12 1/8" near bit stabilizer, one NMDC, 12 1/8" IBS, crossover to 4 1/2" IF, float sub, 21 joints HWDP, jars, 6 joints HWDP			
Start Time	15:00	End Time	00:00	Comment	(Start) TIH to 5774' with clean out assembly, WR spots at 2400'-2490', 2750'-2790', 2758'-2762', 3790'-4010', 5430'-5774'.			
Report Start Date	11/2/2014	Report End Date	11/3/2014	24hr Activity Summary				
Start Time	00:00	End Time	02:00	Comment	TIH f/ 5774' to 7706', Trip out of hole with packed hole assembly from 7706', Lay down BHA, Rig up and run wireline caliper logs to 7692', log out with caliper, rig down loggers, strap and PU 13 jts 2 7/8" tubing and whipstock assembly			
Start Time	02:00	End Time	01:00	Comment	Daylight savings time			
Start Time	01:00	End Time	09:30	Comment	TIH from 6711' to 7706' with clean out assembly, WR spots at 6775'-6830', 7056'-7087', 7230'-7706'			
Start Time	09:30	End Time	10:30	Comment	Circulate hole clean at 630 gpm, Build slug			
Start Time	10:30	End Time	14:30	Comment	Pull 3 stands wet, Pump slug, Trip out of hole from 7706' to 908', Monitor well on trip tank			
Start Time	14:30	End Time	16:00	Comment	Pull rotating rubber, Rack back BHA, Lay down 2 stabilizers			
Start Time	16:00	End Time	20:30	Comment	PJSM with Halliburton, Rig up wireline for caliper logs, Run in hole to 7692', log out with caliper, RD loggers.			

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time		20:30	End Time	00:00	Comment
					(Start) PJSM, strap and PU 13 joints of 2 7/8" tubing, scribe UBHO and PU whipstock BHA,
Report Start Date	Report End Date	24hr Activity Summary			
11/3/2014	11/4/2014	Finish PU BHA, TIH at 3 min/stand, Whipstock assembly stuck at 5091', UBHO top at 4639', Top of whipstock at 4645', Run gyro to check whipstock orientation, Decision made to cement in place, Circulate and wait on Halliburton and NFX to determine result of tests on cement blends, PJSM w/ Halliburton, test lines, pump 35.5 bbl tuned spacer			
Start Time		00:00	End Time	01:00	Comment
					Finish PU BHA,
Start Time		01:00	End Time	08:00	Comment
					(Start) TIH from 486' to 5091' at 3 min/stand, filling every 1000' as per Weatherford
Start Time		08:00	End Time	11:00	Comment
					2 7/8" float shoe stuck at 5091', UBHO top at 4639', Top of whipstock at 4645', Neutral string weight of 145 klbs, Set down and pick up 19 klbs (50% of shear pin rating), Stuck up and down, Attempt to rotate, Stalls out at 6k ft lbs
Start Time		11:00	End Time	13:30	Comment
					Circulate at 314 gpm, 770 psi, Rig up top and bottom sheaves for gyro run to check whipstock orientation, Use welder to heat connection 10.29' above rig floor, Lay down single
Start Time		13:30	End Time	15:00	Comment
					Run in hole with gyro to 4639', 7.1 degree inclination, 232 azimuth, 81R GTF, 310 MTF equivalent, Rig down gyro, Decision made to cement whipstock in place
Start Time		15:00	End Time	23:00	Comment
					Circulate and wait on Halliburton and NFX to determine results of tests on cement blends.
Start Time		23:00	End Time	00:00	Comment
					PJSM with Halliburton, Pressure test to 5000 psi, Pump 35.5 bbl 13 ppg tuned spacer.
Report Start Date	Report End Date	24hr Activity Summary			
11/4/2014	11/5/2014	Pump cement, Shear off of whipstock, Trip out of hole 6 stds, Circulate clean, Trip out of hole, Change BHA to steerable assembly with bent motor and mill tooth cone bit, Trip in hole, Drill cement from 4372' to 4632', Sidetrack off of whipstock starting at 4632' to 4685', trip for directional tools			
Start Time		00:00	End Time	01:00	Comment
					Pump 88 bbl (500 sx) 17 ppg cement, 4.5 bbl 13 ppg tuned spacer, 70.5 bbl 10.4 ppg displacement
Start Time		01:00	End Time	01:30	Comment
					Drop ball, pressure to 1000 psi for 2 min., 2000 psi for 2 min, 2500 psi for 2 min, 3000 psi for 2 min, push pull test, shear off whipstock w/ 185K
Start Time		01:30	End Time	03:00	Comment
					POOH 6 stands and circulate surface at 756 gpm to surface to clean hole of any cement, no cement to surface
Start Time		03:00	End Time	06:00	Comment
					(Start) Trip out for directional tools
Start Time		06:00	End Time	09:30	Comment
					Lay down set tool and UBHO, Pick up re-run Smith FDS+C on Weatherford 7840, Pony collar, Muleshoe, (2) NMDC, Crossover to 4 1/2" IF, 21 HWDP, Jars, 6 HWDP
Start Time		09:30	End Time	12:30	Comment
					Trip in hole from 968', Tag cement at 4372'
Start Time		12:30	End Time	14:30	Comment
					Drill cement from 4372', tag top of whipstock at 4632', Drill cement with 10 wob, 419 gpm, 1200 spp, 20 rpm, 5400 torque
Start Time		14:30	End Time	16:00	Comment
					Orientate toolface 80R GTF and slide off of whipstock from 4632' to 4645', 30 wob, 461 gpm, 1420 spp
Start Time		16:00	End Time	21:00	Comment
					Slide 80R GTF from 4645' to 4655', 30 wob, 461 gpm, 1400 spp
					Slide 120R GTF from 4655' to 4685'
Start Time		21:00	End Time	00:00	Comment
					(Start) Pump slug and POOH to HWDP for directional tools, monitoring trip tank.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

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Daily Operations		
Report Start Date 11/5/2014	Report End Date 11/6/2014	24hr Activity Summary Pull rotating rubber, finish POOH, PJSM, change out BHA, TIH, Drill f/ 4685' to 4860', work on mud pump, Drill f/ 4860' to 4907', Rig Service, Drill f/ 4907' - 5034', work on mud pump, Drill f/ 5034' to 5122'.
Start Time 00:00	End Time 07:00	Comment Pull rotating rubber and trip out of hole with BHA, Break mill tooth cone bit and lay down 8" motor, Pick up 9 5/8" motor and Ulterra 616M, Trip in hole with bent motor steerable assembly, Test MWD tools at 1106' - tested good
Start Time 07:00	End Time 09:00	Comment Trip in hole from 1106' to 4540', filled pipe at 2850'
Start Time 09:00	End Time 11:30	Comment Orientate tool to 80R GTF and work 9 5/8" bent motor over whipstock from 4540' to 4685' twice without seeing anything
Start Time 11:30	End Time 17:30	Comment (Start) Drill 12.25" Vertical Hole Side track F/ 4685' To 4860' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.5 ppg
Start Time 17:30	End Time 18:00	Comment Work on line washer on Mud Pump #1.
Start Time 18:00	End Time 19:00	Comment Drill 12.25" Vertical Hole Side track F/ 4860' To 4907' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.4 ppg
Start Time 19:00	End Time 20:00	Comment Rig Service
Start Time 20:00	End Time 22:00	Comment Drill 12.25" Vertical Hole Side track F/ 4907' To 5034' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.4 ppg
Start Time 22:00	End Time 22:30	Comment Work on line washer on Mud Pump #1.
Start Time 22:30	End Time 00:00	Comment Drill 12.25" Vertical Hole Side track F/ 5034' To 5122' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.4 ppg
Report Start Date 11/6/2014	Report End Date 11/7/2014	24hr Activity Summary Drill f/ 5122' to 5304', Trouble Shoot Mud Motor, Tooh Wet f/ 5304' to BHA, Change Out BHA, TIH to 1063' test mwd tools, TIH to 1627' Cut And Slip Drilling Line, Cont To TIH f/ 1627' to 5304'. Drill 12.25" ST F/ 5304' to 5527'.
Start Time 00:00	End Time 03:30	Comment Drill 12.25" Vertical Hole Side track F/ 5122' To 5304' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.4 ppg While sliding @ 5304', diff spiked and blew nails in both pumps.
Start Time 03:30	End Time 04:30	Comment (Stop) Replace nails, PU off bottom, and pump 50 stks apiece - blew nail in pump #1. Mud motor is locked up. HPJSM on wet trip, fill trip tank, prep to TOOH wet.
Start Time 04:30	End Time 09:00	Comment (Start) TOOH Wet trip f/ 5304 to BHA . Monitor well on trip tank to ensure proper fill
Start Time 09:00	End Time 09:30	Comment Pull Rotating Head Rubber.
Start Time 09:30	End Time 14:00	Comment (Start) Handle BHA, Change out directional tools, Bit and Rebuild MWD, Found 5 Plug Jets With MWD Centerlizer Rubber
Start Time 14:00	End Time 15:30	Comment (Start) Trip In Hole to 1063' Install Rotating Rubber, Test Mwd (Test was good) Cont to TIH To 1627'

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	15:30	End Time	16:30	Comment	Cut & Slip 90' of Drilling Line
Start Time	16:30	End Time	17:00	Comment	Routine Rig Service
Start Time	17:00	End Time	20:00	Comment	TIH 1627' - 4628'. Orient motor 80R and work past whipstock into ST wellbore with no issue. TIH 4628' - 5304'. Wash last two stands to bottom.
Start Time	20:00	End Time	00:00	Comment	(Start) Drill 12.25" Vertical Hole Side track F/ 5304' To 5527' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.4 ppg, pump Hi Visc sweep every 200'.
Report Start Date	11/7/2014	Report End Date	11/8/2014	24hr Activity Summary Drill 12.25" ST F/ 5527' to 6240', Pump Repair, Drill 12.25" ST F/ 6240' to 6575'.	
Start Time	00:00	End Time	15:00	Comment	Drill 12.25" Vertical Hole Side track F/ 5527' To 6240' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.4 ppg, pump Hi Visc sweep every 200'.
Start Time	15:00	End Time	17:00	Comment	Change Swab out on the # 1 Mud Pump.
Start Time	17:00	End Time	00:00	Comment	Drill 12.25" Vertical Hole Side track F/ 6240' To 6575' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.3 ppg, pump Hi Visc sweep every 200'.
Report Start Date	11/8/2014	Report End Date	11/9/2014	24hr Activity Summary Drill 12.25" ST F/ 6575' to 7248'. Rig Service, Drill 12.25" ST F/ 7248' to 7550'.	
Start Time	00:00	End Time	15:30	Comment	Drill 12.25" Vertical Hole Side track F/ 6575' To 7248' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.3 ppg, pump Hi Visc sweep every 200'.
Start Time	15:30	End Time	16:00	Comment	Routine rig service
Start Time	16:00	End Time	00:00	Comment	Drill 12.25" Vertical Hole Side track F/ 7248' To 7550' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.3 ppg, pump Hi Vis sweep every 200'.
Report Start Date	11/9/2014	Report End Date	11/10/2014	24hr Activity Summary Drill f/ 7550' to 8098'. Rig Service, Circ and Build Trip Slug, Conduct Flow Check & Trip For Erratic Torque and Unable to Hold Tool Face.	
Start Time	00:00	End Time	13:30	Comment	Drill 12.25" Vertical Hole Side track F/ 7550' To 8098' (2 Pumps on the hole at 95 a piece, 795 GPM) Present Mwt 10.3 ppg, pump Hi Vis sweep every 200'.
Start Time	13:30	End Time	14:00	Comment	Routine Rig Service
Start Time	14:00	End Time	15:00	Comment	(Start) Circ Bottoms up Build trip slug and prepare to TOOH Unable to hold tool face and Drill torque was erratic
Start Time	15:00	End Time	19:00	Comment	(Start) Conduct a Flow Check Well Is Static, Pump Trip Slug And TOOH f/ 8098' to BHA, Monitor Well On the Trip Tank.
Start Time	19:00	End Time	19:30	Comment	Pull Rotating Head Rubber
Start Time	19:30	End Time	21:30	Comment	Stand back BHA, LD mud motor and bit. Bit graded 2-1-BT-N-X-0-NO-TQ.
Start Time	21:30	End Time	22:00	Comment	Clear rig floor. Prep to PU BHA and TIH.
Start Time	22:00	End Time	23:30	Comment	PU Ulterra U616M bit w/ 6x12's, scribe 9 5/8" 7/8 4.0 stage .12 rev/gal 1.5 deg. MM, PU new MWD tool.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	23:30	End Time	00:00	Comment	Install Rotating Head Rubber
Report Start Date	11/10/2014	Report End Date	11/11/2014	24hr Activity Summary Trip in the Hole, Drill f/ 8098' to 8638', pump Hi Visc sweep, circulate 2 BU, 600' wiper trip, circulate BU, TOOH.	
Start Time	00:00	End Time	05:30	Comment	Cont, TIH w/ New BHA f/ Surface to 8098' Test MWD Tools @ 500' Test was Good , Fill Pipe Every 2000'
Start Time	05:30	End Time	16:00	Comment	(Start) Drill 12.25" Vertical Hole Side track F/ 8098' To 8638' (2 Pumps on the hole at 100 a piece, 816 GPM) Present Mwt 10.3 ppg, pump Hi Vis sweep every 200'. TD 12.25" ST @ 8638'.
Start Time	16:00	End Time	18:30	Comment	(Start) Circulate at TD. Pump Hi Visc sweep, circulate 2 BU, build trip slug.
Start Time	18:30	End Time	19:30	Comment	Pull first 600' through newly drilled hole, pulling 50-60k over through section. Consult w/ engineer, decision made to wiper trip back to bottom.
Start Time	19:30	End Time	20:30	Comment	Circulate BU and build new trip slug.
Start Time	20:30	End Time	23:30	Comment	(Start) Trip... Fill Trip tank, Check flow - No Flow, Pump pill and TOOH to HWDP - monitoring trip tank for fill. Hole taking proper fill.
Start Time	23:30	End Time	00:00	Comment	LD HWDP
Report Start Date	11/11/2014	Report End Date	11/12/2014	24hr Activity Summary LD HWDP, Pull rotating rubber, LD directional tools, pull wear bushing. R/U Casing Crew & Run Casing, RD casing crew, RU cementers and start cement job.	
Start Time	00:00	End Time	00:30	Comment	LD HWDP
Start Time	00:30	End Time	01:00	Comment	Pull rotating head rubber.
Start Time	01:00	End Time	03:30	Comment	LD jars, pull MWD tool, LD motor, break bit. Bit graded 1-1-WT-S-X-0-NO-TD.
Start Time	03:30	End Time	04:00	Comment	Clear rig floor.
Start Time	04:00	End Time	05:00	Comment	Pull Wear Bushing
Start Time	05:00	End Time	08:00	Comment	(Start) Casing Operations... Held safety meeting with casing crew & Rig crew & Rig up casers.
Start Time	08:00	End Time	20:30	Comment	Pick up 2 jt shoe track and Run 9 5/8" 40 # BTC connection, F/ surface t/ 8629' Ran a total of 218 full jts of casing, Centrizers 1 on the first 3 jts and 1 on every third jt for a total of 8, Fill Pipe Every 1000'
Start Time	20:30	End Time	21:30	Comment	Stab in w/ tawg tool and break circulation. RD Frank's Casing crews and equipment.
Start Time	21:30	End Time	23:30	Comment	(Start cementing oper) HPJSM w/ cement and rig crew R/U cement head & R/U Halliburton equipment, break circulation and circ b/u to remove gas from wellbore (max 280 units of gas). Verify loading of plug
Start Time	23:30	End Time	00:00	Comment	Pressure test Halliburton equipment to 5000 psi. Good Test. Start pumping.
Report Start Date	11/12/2014	Report End Date	11/13/2014	24hr Activity Summary Cement Casing 9.625", RD cementers, back out landing jt, install packoff, change choke valve, test BOPs.	

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	00:00	End Time	04:00	Comment
				HPJSM w/ Halliburton, test lines w/H2O to 5000 psi, tuned spacer 40 bbl/11.5 ppg, 1st lead cement 35 bbl/12.5 ppg, 2nd lead cement 389 bbl/12.5 ppg. pump tail cement 125 bbl/14ppg, drop plug, displacmnt 617 bbl/12.5 ppg OBM, plug down @ 3:45, 5 bbl tuned spacer back to surface, bled off, got 4.5 bbls back and float held. Flush BOP, choke and gas buster, Displacement was calculated to be 647 bbls. Throughout displacement, Halliburton's tub valves, which are air-actuated, were freezing up. This was a contributing factor to bumping 30 bbls early.
Start Time	04:00	End Time	06:00	Comment
				RD Halliburton cementers
Start Time	06:00	End Time	14:00	Comment
				(Start) NU Well Head... PJSM w/ FMC, Attempt to back out landing jt Rig up Rig tongs to Back Out Landing Joint & L/D Landing Joint, P/U joint of 5" DP, Wash Well Head Out, L/D Wash Tool & install pack-off, Attempt to test pack off & pack of would not test, Pulled Pack off out of the well head and run a new pack off in and pressure test to 5000 psi 15 min (verified by NFX company rep). Cont to Clean Mud Tanks & Change Out Choke Valve in Choke House
Start Time	14:00	End Time	00:00	Comment
				(Start) HPJSM w/ Eager Beaver and Test Bop's as Follows, Test BOPE/Csg... Rig Up testers & Test BOP's , test TIW, dart valve, Lower Kelly cock valve, and IBOP to 250 psi low 5000 psi high. man IBOP, dart, outside manifold vales, downstream manifold valves to 250 psi 5 min low - 5000 psi 10 min high, Choke valve will not test. Tested everything possible to begin picking up tools. Will have to swap choke valve out and retest.
Report Start Date	Report End Date	24hr Activity Summary		
11/13/2014	11/14/2014	Run wear bushing, RU WFT downlink system, PU BHA, Program dirc tools, Change valve out in choke house, Rig serv, Test valves in choke house. TIH, Repair ST-80, TIH to float collar, downlink to tools, drill shoe track.		
Start Time	00:00	End Time	01:00	Comment
				Finish testing blind rams and casing. RD tester until choke valve is replaced.
Start Time	01:00	End Time	01:30	Comment
				Run wear bushing.
Start Time	01:30	End Time	06:00	Comment
				RU WFT downlinker, begin PU BHA - Ultrerra U613S 6" gauge w/ 6x13's, RSS tool, HEL Tool, GVAR w/ Az GR & Az Res & NMDC, Tomax,
Start Time	06:00	End Time	08:00	Comment
				Program directional tools.
Start Time	08:00	End Time	09:30	Comment
				(Stop) Unplanned Change out panic line valve in choke house.
Start Time	09:30	End Time	10:00	Comment
				Rig service.
Start Time	10:00	End Time	12:30	Comment
				(Start) Pressure test valves in choke house 250# low for 5 min, 5000# high for 10 min & Test mud line back to pumps 5000# high for 10 min and blow choke & line down with air and fill with methonal.
Start Time	12:30	End Time	15:30	Comment
				TIH 1 jt HWD, Drill n Ream, Float Sub. Test Dirc tools. TIH
Start Time	15:30	End Time	16:00	Comment
				(Stop) Unplanned work on ST-80 to change out hydraulic hoses.
Start Time	16:00	End Time	21:00	Comment
				(Start) TIH to 8500'. Fill pipe @ 3000', 6000', 8500'.
Start Time	21:00	End Time	22:00	Comment
				WFT downlinking to RSS tool to prep for drilling shoe track.

NEWFIELD



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Start Time			End Time			Comment		
22:00			00:00			(Start) Drill shoe track/FIT... Tag float collar @ 8526', drill shoe track, tag float shoe @ 8610'. Collar and shoe is set 18 ft. higher than tally depth. Shoe depth confirmed by gamma data. Drilling shoe track per WFT procedures to protect RSS tools. Drilling 5 ft., ream until torque is clean, drill 5 ft., ream.		
Report Start Date	Report End Date	24hr Activity Summary						
11/14/2014	11/15/2014	Drill shoe track, FIT, Rig serv, Drill F/ 8650' to 8750', Reboot LWD, Drill F/ 8750' to 9063', Rig serv, Drill f/ 9063' to 9428'.						
Start Time			End Time			Comment		
00:00			03:30			Drill shoe track/FIT... Tag float collar @ 8526', drill shoe track, tag float shoe @ 8610'. Collar and shoe is set 18 ft. higher than tally depth. Shoe depth confirmed by gamma data. Drilling shoe track per WFT procedures to protect RSS tools. Drilling 5 ft., ream until torque is clean, drill 5 ft., ream. Drill 10' new formation F/ 8640' to 8650'		
Start Time			End Time			Comment		
03:30			04:00			Circulate 12.5 ppg mud around, confirm 12.52 ppg static MW with WFT LWD tool, Attempt FIT to 17 ppg EMW, Pull up into shoe, close annular, and pressure up. Pressure climbed to 1830 psi and leveled off. Stop pumping and hold, pressure fell to 1625 psi. Pump again and pressure rose to 1775 psi and broke over. Stop pumping and hold. Pressure fell to 1385 psi and held.		
Start Time			End Time			Comment		
04:00			04:30			Rig service.		
Start Time			End Time			Comment		
04:30			07:30			(Start) Drill 8.75"curve with RSS f/ 8650' to 8750', (2 Pumps on the hole at 85 a piece, 500 GPM) Present Mwt 12.5 ppg.		
Start Time			End Time			Comment		
07:30			08:00			(Stop Unplanned) Reboot LWD computer		
Start Time			End Time			Comment		
08:00			15:30			(Start) Drill 8.75"curve with RSS f/ 8750' to 9063', (2 Pumps on the hole at 85 a piece, 500 GPM) Present Mwt 12.5 ppg.		
Start Time			End Time			Comment		
15:30			16:00			Rig service.		
Start Time			End Time			Comment		
16:00			23:30			Drill 8.75"curve with RSS f/ 9063' to 9428', (2 Pumps on the hole at 85 a piece, 500 GPM) Begin raising mud weight from 12.5 ppg targeting 14.5 ppg when landed at approx. 9975'. 9331' 12.8 ppg 9410' 13.0 ppg		
Start Time			End Time			Comment		
23:30			00:00			Survey		
Report Start Date	Report End Date	24hr Activity Summary						
11/15/2014	11/16/2014	Drill f/ 9428' to 9624', Rig Service, Inspect saver sub and drawworks, Reboot directional computers, Drill f/ 9624' to 9985'. Drill lateral F/ 9985' to 10093', Circ btms up. TOH to shoe. FIT on curve, TIH, Drill lateral f/ 10093' to 10319'.						

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	End Time	Comment
00:00	03:30	Drill 8.75"curve with RSS f/ 9428' to 9624', (2 Pumps on the hole at 85 a piece, 500 GPM) Raising mud weight targeting 14.5 ppg when landed at approx. 9975'. 9331' 12.8 ppg 9410' 13.0 ppg 9525' 13.2 ppg 9624' 13.5 ppg
03:30	04:00	Comment Rig Service
04:00	05:00	Comment (Stop) Unplanned, at connection, driller did not back all the way out of stump before picking up. Top drive jumped causing drill line to back wrap on drawworks. Pull one stand off bottom. Spool line to clear back wrap. Inspect saver sub and drillpipe threads for damage. Both looked good. PU stand and wash back to bottom.
05:00	05:30	Comment Reboot directional computers.
05:30	14:00	Comment (Start) Drill 8.75"curve with RSS f/ 9624' to 9985', (2 Pumps on the hole at 85 a piece, 500 GPM) Raising mud weight targeting 14.5 ppg when landed at approx. 9985'. 9697' 14.0 ppg, 9870' 14.3 ppg, 9985', 14.5 ppg. Saw 4450u gas show on BU from down time. Landed @ 9985' Inc 87.40, Azi 351.63 @ 14:00
14:00	15:30	Comment (Start) Drill 8.75" Lateral with RSS f/ 9985' to 10093', (2 Pumps on the hole at 85 a piece, 500 GPM) Mud wt 14.5ppg.
15:30	16:00	Comment Survey & Down link tool rids in.
16:00	17:00	Comment Circ bottoms up F/ trip up to shoe for open hole FIT.
17:00	18:30	Comment Trip up to 8610' for open hole FIT to 16.4 ppg.
18:30	19:30	Comment Pull up into shoe and close annular. 14.5 MW all the way around. (16.4-14.5) x .052 x 8610' = 850 psi, pressure up to 850 psi w/ no issue. Shut down pumps and hold, pressure dropped to 500. Pressure back up to 750 and hold, fell back to 488. Release pressure and blow down through choke. Consult w/ engineer. Determine to continue drilling 8.75 lateral.
19:30	21:00	Comment TIH to bottom. Wash last two stands to bottom. Saw 5570u gas show on bottoms up from curve FIT.
21:00	23:30	Comment Drill 8.75" Lateral with RSS f/ 10093' to 10319', (2 Pumps on the hole at 85 a piece, 500 GPM) Avg ROP 90 ft/hr. Mud wt 14.5ppg. Avg 200u BGG, 2000u CG
23:30	00:00	Comment Survey & Downlink
Report Start Date 11/16/2014	Report End Date 11/17/2014	24hr Activity Summary Drill F/ 10319' to 10339', Reboot MWD computer, Drill F/ 10339' to 10748'. Rig Service, Drill f/ 10748' to 11157'.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	00:00	End Time	00:30	Comment
				Drill 8.75" Lateral with RSS f/ 10319' to 10339', (2 Pumps on the hole at 85 a piece, 500 GPM) Mud wt 14.5 ppg.
Start Time	00:30	End Time	01:00	Comment
				(Stop unplanned) Reboot MWD compter.
Start Time	01:00	End Time	17:30	Comment
				Drill 8.75" Lateral with RSS f/ 10339' to 10748', Top drive RPMS 145 (2 Pumps on the hole at 85 a piece, 500 GPM) Mud wt 14.9 ppg. Avg. ROP 25 ft/hr Begin seeing seepage losses around 10680'. Seeping approx. 10 bbls/hr.
Start Time	17:30	End Time	18:00	Comment
				Survey & Downlink
Start Time	18:00	End Time	18:30	Comment
				Rig Service
Start Time	18:30	End Time	23:30	Comment
				Drill 8.75" Lateral with RSS f/ 10748' to 11157', Top drive RPMS 145 (2 Pumps on the hole at 75 a piece, 435 GPM) Mud wt 15.0 ppg. Avg ROP 82 ft/hr Seeping approx. 12-15 bbl/hr. Pumping 15 ppb LCM sweeps every 200' and adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50. Back pump stokes off to 75 stks/apiece to control ECDs.
Start Time	23:30	End Time	00:00	Comment
				Survey & Downlink
Report Start Date	Report End Date	24hr Activity Summary		
11/17/2014	11/18/2014	Drill F/ 11157' to 11329', Reboot dirc comp, Drill F/ 11329' to 11560', Reboot dirc comp, Drill F/ 11560' to 11779', Reboot dirc comp, Drill F/11779' to 11873', Reboot dirc comp, Drill F/ 11873' to 11953', Trouble shoot RSS, Circ Bring mud wt up F/ 14.9ppg to 15.2ppg F/ TOO, TOO & begin LD directional tools.		
Start Time	00:00	End Time	02:00	Comment
				Drill 8.75" Lateral with RSS f/ 11157' to 11329', Top drive RPMS 145 (2 Pumps on the hole at 75 a piece, 435 GPM) Mud wt 15.0 ppg. Avg ROP 82 ft/hr Seeping approx. 12-15 bbl/hr. Pumping 15 ppb LCM sweeps every 200' and adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50. Back pump stokes off to 75 stks/apiece to control ECDs.
Start Time	02:00	End Time	02:30	Comment
				(Stop unplanned) Reboot MWD compter.
Start Time	02:30	End Time	05:30	Comment
				(Start) Drill 8.75" Lateral with RSS f/ 11329' to 11560', Top drive RPMS 145 (2 Pumps on the hole at 85 a piece, 496 GPM) Mud wt 15.0 ppg. Seeping approx. 12-15 bbl/hr. Pumping 15 ppb LCM sweeps every 200' and adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50.
Start Time	05:30	End Time	06:00	Comment
				(Stop unplanned) Reboot MWD compter.
Start Time	06:00	End Time	09:00	Comment
				(Start) Drill 8.75" Lateral with RSS f/ 11560' to 11779', Top drive RPMS 145 (2 Pumps on the hole at 80 a piece, 466 GPM) Back pump strokes off to 80 stks/apiece to control ECDs. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses
Start Time	09:00	End Time	09:30	Comment
				(Stop unplanned) Reboot MWD compter.

NEWFIELD



Summary Rig Activity

Well Name: Ute Tribal 14-10-3-3-2W-MW

Start Time	End Time	Comment
09:30	10:30	(Start) Drill 8.75" Lateral with RSS f/ 11779' to 11873', Top drive RPMS 145 (2 Pumps on the hole at 80 a piece, 466 GPM) Back pump strokes off to 80 stks/apiece to control ECDs. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses
10:30	11:30	(Stop unplanned) Reboot MWD compter.
11:30	12:30	(Start) Drill 8.75" Lateral with RSS f/ 11873' to 11953', Top drive RPMS 145 (2 Pumps on the hole at 80 a piece, 466 GPM) Back pump strokes off to 80 stks/apiece to control ECDs. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses, Seeping approx. 5 bbl/hr. Pumping 25 ppb LCM sweeps every 200' and
12:30	13:30	(Stop unplanned) Trouble shoot hyd on RSS.
13:30	17:00	Circ clean up cycle & Bring mud wt up F/ 14.9 ppg to 15.2 ppg F/ trip out to change out RSS. Pump LCM sweep, build trip slug.
17:00	23:00	Flow check, no flow. Pump trip slug. TOOH f/ 11953' to casing shoe. Flow check. No flow. TOOH f/ 8610' to BHA. Monitoring well on trip tank. Hole taking proper fill.
23:00	23:30	Pull Rotating Rubber
23:30	00:00	Begin standing back BHA.
Report Start Date 11/18/2014	Report End Date 11/19/2014	24hr Activity Summary Stand back BHA, LD RSS & Bit, download LWD data, change batteries in GVAR, PU and program new tools. TIH at 100'/min.monitoring displacement to trip tank to casing shoe, slip and cut, circ to cut mud wt back to 14.9 ppg. Drill f/ 11953' to 12184'.
00:00	01:30	Stand back BHA, visually inspect Drill n Ream tool - minor damage on two cutters, break bit, LD RSS tool, HEL tool, GVAR tool. Bit graded 1-1-WT-S-X-0-NO-DTF.
01:30	06:30	Download LWD data, c/o batteries in LWD, PU HEL & GVAR tool, program directional tools.
06:30	12:30	TIH f/ Surface to 8610' casing shoe at 100 ft/min to minimize surge losses. Monitoring displacement on trip tank.
12:30	13:00	(Start) Fill pipe, line up gas buster, circulate to cut mud wt
13:00	14:00	Slip and cut DL while circulating to cut mud wt.
14:00	15:30	Continue circulating to cut mud wt f/15.2 ppg to 14.9 ppg. at 380 gpm with 15.43 ECD, current md wt 14.8+ ppg in 14.9 ppg out, preparing toTIH current gas reading 79 Units
15:30	17:30	TIH f/ 8610' to 11953' at 100 ft/min.
17:30	19:00	Circulate BU through buster displacing 15.2 ppg mud w/ 14.9.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	19:00	End Time	21:30	Comment (Start) Drill 8.75" Lateral with RSS f/ 11953' to 12071', Top drive RPMS 145 (2 Pumps on the hole at 75 apiece, 436 GPM) Present MW 15.0 ppg. Average ROP 47.2 ft/hr Seeping approx. 10 bbl/hr. Controlling ECDs.
Start Time	21:30	End Time	22:00	Comment (Stop) Reboot LWD Computer
Start Time	22:00	End Time	23:00	Comment (Start) Drill 8.75" Lateral with RSS f/ 12071' to 12153', Top drive RPMS 145 (2 Pumps on the hole at 70 apiece, 407 GPM) Present MW 15.0 ppg. Average ROP 82 ft/hr Seepage under control. Building 25 ppb LCM sweeps. Begin adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses,
Start Time	23:00	End Time	23:30	Comment Rig Service
Start Time	23:30	End Time	00:00	Comment Drill 8.75" Lateral with RSS f/ 12153' to 12184', Top drive RPMS 145 (2 Pumps on the hole at 70 apiece, 407 GPM) Present MW 14.9 ppg. Average ROP 62 ft/hr Seepage under control. Pump 25 ppb LCM sweeps every 200 ft. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses,
Report Start Date	11/19/2014	Report End Date	11/20/2014	24hr Activity Summary Drill f/ 12184' to 12273', Reboot computer, Drill f/ 12273' to 13186', rig service, Drill f/ 13186' to 13297', Reboot computer, Drill f/ 13297' to 13465', Perform Down Link, Drill f/ 13465' to 13705'
Start Time	00:00	End Time	02:00	Comment Drill 8.75" Lateral with RSS f/ 12184' to 12273', Top drive RPMS 145 (2 Pumps on the hole at 75 apiece, 436 GPM) Present MW 14.9 ppg. Average ROP 44.5 ft/hr Seepage under control. Pump 25 ppb LCM sweeps every 200 ft. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses,
Start Time	02:00	End Time	02:30	Comment Reboot computer
Start Time	02:30	End Time	14:00	Comment Drill 8.75" Lateral with RSS f/ 12273' to 13186', Top drive RPMS 145 (2 Pumps on the hole at 75 apiece, 436 GPM) Present MW 14.9 ppg. Average ROP 79 ft/hr Seepage under control. Pump 25 ppb LCM sweeps every 200 ft. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses,
Start Time	14:00	End Time	14:30	Comment Rig service
Start Time	14:30	End Time	16:00	Comment Drill 8.75" Lateral with RSS f/ 13186' to 13297', Top drive RPMS 145 (2 Pumps on the hole at 75 apiece, 436 GPM) Present MW 14.9 ppg. Average ROP 74 ft/hr Seepage under control. Pump 25 ppb LCM sweeps every 200 ft. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses,
Start Time	16:00	End Time	17:00	Comment Reboot computer

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time			End Time			Comment		
17:00			19:30			Drill 8.75" Lateral with RSS f/ 13297' to 13465', Top drive RPMS 145 (2 Pumps on the hole at 70 apiece, 407 GPM) Present MW 14.9 ppg. back pumps off due to losses with 16.1 ECD Average ROP 67.2 ft/hr Seepage under control. Pump 25 ppb LCM sweeps every 200 ft. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses,		
Start Time			End Time			Comment		
19:30			20:00			Reboot computer		
Start Time			End Time			Comment		
20:00			00:00			Drill 8.75" Lateral with RSS f/ 13465' to 13705', Top drive RPMS 145 (2 Pumps on the hole at 70 apiece, 407 GPM) Present MW 14.9 ppg. back pumps off due to losses with 16.1 ECD Average ROP 60.0 ft/hr Seepage under control. Pump 25 ppb LCM sweeps every 200 ft. Adding hourly treatments of 3 sks Baracarb 50 and 1 sk Steelseal 50 for losses,		
Report Start Date	Report End Date	24hr Activity Summary						
11/20/2014	11/21/2014	Drill f/ 13705' to 13840', Service rig,drill f/ 13840 to 14216', circ and C/O valve and spring in #1 pump, drill f/ 14216' to 14308' rig service, drill f/ 14308' to 14494', Down link change frequency, Drill f/ 14,494' to 14,589', Rewipe 60' of data f/ 14,505' to14,565', Drill f/ 14,589' to 14,830'						
Start Time			End Time			Comment		
00:00			02:30			Drill 8.75" Lateral with RSS f/ 13705' to 13840" Top drive RPM 145, (2 pumps on the hole @ 70 SPM apiece, 407 GPM 2600 PSI) Present MW 14.9 Average ROP 54.0 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
02:30			03:00			Service Rig		
Start Time			End Time			Comment		
03:00			09:30			Drill 8.75" Lateral with RSS f/ 13840' to 14216' Top drive RPM 145, (2 pumps on the hole @ 75 SPM apiece, 436 GPM Present MW 14.9 Average ROP 58 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
09:30			10:30			Circulate 120 SPM 349 gpm, change out valve and spring in #1 pump		
Start Time			End Time			Comment		
10:30			12:30			Drill 8.75" Lateral with RSS f/ 14216' to 14308' Top drive RPM 145, (2 pumps on the hole @ 75 SPM apiece, 436 GPM Present MW 14.9 Average ROP 46 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
12:30			13:00			Rig service		
Start Time			End Time			Comment		
13:00			14:00			Repare Weatherford stroke counter for survey		
Start Time			End Time			Comment		
14:00			18:00			Drill 8.75" Lateral with RSS f/ 14308' to 14494' Top drive RPM 145, (2 pumps on the hole @ 86 SPM and 75 SPM , 465 GPM Present MW 14.9 Average ROP 46.4 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time			End Time			Comment		
18:00			18:30			Down link change frequency		
Start Time			End Time			Comment		
18:30			20:00			Drill 8.75" Lateral with RSS f/ 14494' to 14589' Top drive RPM 145, (2 pumps on the hole @ 75 SPM and 86 SPM, 465 GPM Present MW 14.9 Average ROP 63.3 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
20:00			20:30			Rewipe 60' of data f/14505' to 14565'		
Start Time			End Time			Comment		
20:30			00:00			Drill 8.75" Lateral with RSS f/ 14589' to 14830' Top drive RPM 145, (2 pumps on the hole @ 75 SPM and 86 SPM, 465 GPM Present MW 14.9 Average ROP 60.8 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Report Start Date	Report End Date	24hr Activity Summary						
11/21/2014	11/22/2014	Drill f/ 14,830' to 14,980', Repair Weatherford stroke counter on # 2 pump, Drill f/ 14,980' to 15,620', rig service, drill f/ 15,520' to 15,760', Trouble shooting Weatherford RSS Tool sending down links, Drill 10' f/ 15,760' to 15,770', Down link, RSS Tool failed to hold tool face, Circulate and condition mud , Weight up active mud system to 15.2 ppg, For trip out f/ RSS						
Start Time			End Time			Comment		
00:00			02:30			Drill 8.75" Lateral with RSS f/ 14830' to 14980' Top drive RPM 145, (2 pumps on the hole @ 75 SPM apiece, 436 GPM Present MW 14.9 Average ROP 60.0 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
02:30			03:00			Repair Weatherford stroke counter on # 2 pump		
Start Time			End Time			Comment		
03:00			14:30			Drill 8.75" Lateral with RSS f/ 14980' to 15620' Top drive RPM 145, (2 pumps on the hole @ 80 SPM apiece, 465 GPM Present MW 14.9 Average ROP 55.6 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
14:30			15:00			Rig service		
Start Time			End Time			Comment		
15:00			18:30			Drill 8.75" Lateral with RSS f/ 15620' to 15,760' Top drive RPM 145, (2 pumps on the hole @ 80 SPM apiece, 465 GPM Present MW 14.9 Average ROP 40.0 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
18:30			21:00			Trouble shooting RSS Tool sending down links, Drill 10' f/15,760' to 15,770', Down link, RSS failed to hold tool face		
Start Time			End Time			Comment		
21:00			00:00			Circulate and condition mud, Weight up active system to 15.2 ppg, Reciprocating pipe 140 rpm 436 to 465 gpm, fine to very fine cutting across shakers		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

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Daily Operations		
Report Start Date 11/22/2014	Report End Date 11/23/2014	24hr Activity Summary Circulate and condition mud weight up active system to 15.2 ppg, Mud losses of 40 bbls, Shut pumps down monitor well, Well flowing back due to ballooning flow back 62 bbls, Circulate bottoms up at 90 spm to avoid mud loss, check flow, backream out to 9,779' 70 spm, 230 gpm, 50 rpm
Start Time 00:00	End Time 02:00	Comment Circulate and condition mud, Weight up active system to 15.2 ppg, Reciprocating pipe 140 rpm 436 to 465 gpm Mud losses of 40 bbls, 10 % Fine to very fine cutting across shakers
Start Time 02:00	End Time 02:30	Comment Shut down pumps monitor well, Well flowing back due to ballooning, Flow back 62 bbls
Start Time 02:30	End Time 05:00	Comment Circulate bottoms up at 90 spm to avoid mud losses, Reciprocating pipe, 60 rpm 1385 psi
Start Time 05:00	End Time 05:30	Comment Check flow
Start Time 05:30	End Time 00:00	Comment (Start) POOH, back reaming out 20 stands, pull 4 stands on elevators, pump slug, pull 4 stands, resume back reaming out to 9,779' Inter Mitten tight spots, pump with 70 spm, 250 gpm, 50 rpm
Report Start Date 11/23/2014	Report End Date 11/24/2014	24hr Activity Summary Back ream f/ 9,779' to 8609' Send down link, check flow, pump drying slug and POOH, LD directional tools unable to download from GVAR tool, dress MFR tool, PU RSS, MFR and HEL tools, Cut mud weight in active pit to 14.9 ppg with diesel and treatment, Program Weatherford RSS Tool, Trip in hole to 322', Install rotating rubber, Test Directional tools tested ok, Trip in hole f/ 322' to 2000'
Start Time 00:00	End Time 00:30	Comment Rig service
Start Time 00:30	End Time 03:30	Comment Back ream f/ 9,779' to 8609' Send down link
Start Time 03:30	End Time 05:30	Comment Trouble shoot tight hole in casing, send downlink to check tool
Start Time 05:30	End Time 11:30	Comment Check flow, pump drying slug and POOH monitoring trip tank with no problems f/8213'
Start Time 11:30	End Time 19:30	Comment Lay down directional tools, unable to down load from GVAR, dress MFR tool, while cutting mud wt in pits to 14.9 ppg with mud diesel and treatments, , PU RSS, MFR and HEL tools
Start Time 19:30	End Time 22:00	Comment Program Weatherford RSS Tool
Start Time 22:00	End Time 23:00	Comment Trip in to 322', Install rotating rubber
Start Time 23:00	End Time 23:30	Comment Test Directional Tools (Tools tested good)
Start Time 23:30	End Time 00:00	Comment Trip in hole f/ 322' to 2,000'
Report Start Date 11/24/2014	Report End Date 11/25/2014	24hr Activity Summary Trip in hole f/ 2,000' to 8,600' Fill pipe at 3,000' and 6,034' , Cut mud weight in active pits to 14.9 ppg. with diesel and treatment, Circulate and condition mud at shoe. even out mud weight to 14.9 ppg with diesel and treatment, TIH, Circ & strip mud back to 14.9ppg, TIH, trouble shoot and change ports on down link box, drill f/15,770' to 15,799', rewire 30' of data, downlink, drill f/15,799' to 16,000', trouble shoot RSS downlink.
Start Time 00:00	End Time 04:00	Comment Trip in hole F/ 2000' to 8600', Fill pipe at 3,000' and 6,034', Cut mud weight in active pits to 14.9 ppg with diesel and treatment
Start Time 04:00	End Time 05:30	Comment (Start) Circulate and condition mud cut mud weight back to 14.9 ppg with diesel and treatment. Circulating at pump rate to maintane mud weight at 14.9 ppg 120 spm 351 gpm, 1124 units with bottoms up
Start Time 05:30	End Time 14:00	Comment (Start) Trip in hole F/ 8600' to 15770', wash & ream through tight spots @ 10048', 10340', 12800', 12834', 13663'.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time			End Time			Comment		
14:00			16:00			(Start) Circulate and condition mud cut mud weight back to 14.9 ppg with diesel and treatment & Stripping W/ Clean Harbor Circulating at pump rate to maintane mud weight at 14.9 ppg 110 spm 329 gpm, units with bottoms up 775 on gas buster.		
Start Time			End Time			Comment		
16:00			18:30			Trouble shoot Downlink box, change ports on box, downlink		
Start Time			End Time			Comment		
18:30			19:00			(Start) Drill 8.75" Lateral with RSS f/ 15770' to 15799' Top drive RPM 145, (2 pumps on the hole @ 80 SPM apiece, 465 GPM Present MW 14.9 Average ROP 56 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
19:00			19:30			Rewipe 30' of data and downlink		
Start Time			End Time			Comment		
19:30			23:30			(Start) Drill 8.75" Lateral with RSS f/ 15799' to 16000' Top drive RPM 145, (2 pumps on the hole @ 80 SPM apiece, 465 GPM Present MW 14.9 Average ROP 44.7 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
23:30			00:00			Trouble shoot Downlink at RSS		
Report Start Date	Report End Date	24hr Activity Summary						
11/25/2014	11/26/2014	Trouble shoot RSS downlink, drill f/16,000' to 16,742', Rig serv, Drill F/ 16,742' to 17,260'						
Start Time			End Time			Comment		
00:00			01:00			Trouble shoot RSS downlink		
Start Time			End Time			Comment		
01:00			02:30			(Start) Drill 8.75" Lateral with RSS f/ 16,000' to 16,080' Top drive RPM 145, (2 pumps on the hole @ 80 SPM apiece, 465 GPM Present MW 14.9 Average ROP 53 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
02:30			03:30			Setting RSS with rotary(could not downlink)		
Start Time			End Time			Comment		
03:30			14:00			(Start) Drill 8.75" Lateral with RSS f/ 16,080' to 16,742' Top drive RPM 145, (2 pumps on the hole @ 80 SPM apiece, 465 GPM Present MW 14.9 Average ROP 63 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Start Time			End Time			Comment		
14:00			14:30			Rig service		
Start Time			End Time			Comment		
14:30			00:00			Drill 8.75" Lateral with RSS f/ 16,742' to 17,260' Top drive RPM 145, (2 pumps on the hole @ 80 SPM apiece, 465 GPM Present MW 14.9 Average ROP 54.5 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses		
Report Start Date	Report End Date	24hr Activity Summary						
11/26/2014	11/27/2014	Drill F/ 17,260' to 18,048', Rig serv, Trouble shoot topdrive, Drill F/ 18,048' to 18,405'						

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Report Start Date 11/27/2014			Report End Date 11/28/2014			24hr Activity Summary Drill 8 3/4" Lateral f/18,405' to 18,514', Rig serv, Drill F/ 18,514 to 18,639', Set RSS with rotary, Drill F/ 18,639' to 19,282', survey and close tool, circulate for clean up cycle		
Start Time	00:00	End Time	14:00	Comment Drill 8.75" Lateral with RSS f/ 17,260' to 18,048' Top drive RPM 145, (2 pumps on the hole @ 75 SPM apiece, 436 GPM Present MW 14.9 Average ROP 56 ft/hr Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 for losses				
Start Time	14:00	End Time	14:30	Comment Rig service.				
Start Time	14:30	End Time	15:00	Comment (Stop unplanned) Trouble shoot ground falt on topdrive.				
Start Time	15:00	End Time	00:00	Comment (Start) Drill 8.75" Lateral with RSS f/ 18,048' to 18,405' Top drive RPM 145, (2 pumps on the hole @ 86 SPM apiece, 503 GPM Present MW 14.9 Average ROP 39.6 ft/hr with no losses Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 as needed for losses				
Start Time	00:00	End Time	03:00	Comment (Start) Drill 8.75" Lateral with RSS f/ 18,405' to 18,514' Top drive RPM 145, (2 pumps on the hole @ 86 SPM apiece, 503 GPM Present MW 14.9 Average ROP 36 ft/hr with no losses Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 as needed for losses				
Start Time	03:00	End Time	03:30	Comment Rig service				
Start Time	03:30	End Time	05:30	Comment Drill 8.75" Lateral with RSS f/ 18,514' to 18,639' Top drive RPM 145, (2 pumps on the hole @ 86 SPM apiece, 503 GPM Present MW 14.9 Average ROP 62 ft/hr with no losses Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 as needed for losses				
Start Time	05:30	End Time	06:00	Comment (Stop unplanned) Set RSS with rotary.				
Start Time	06:00	End Time	21:30	Comment (Start) Drill 8.75" Lateral with RSS f/ 18,639' to 19,282' Top drive RPM 145, (2 pumps on the hole @ 86 SPM apiece, 503 GPM Present MW 14.9 Average ROP 41.5 ft/hr with no losses TD at 19,282' @ 21:30 Pump 30 ppb LCM sweep every 150 ft, adding hourly treatment of 3 sx Baracarb 50 and 1 sx Steel seal 50 as needed for losses				
Start Time	21:30	End Time	00:00	Comment (Start) circulate for clean up cycle, working pipe with 160 rpm and 525 gpm				
Report Start Date 11/28/2014			Report End Date 11/29/2014			24hr Activity Summary Continue clean up cycle, Raise Mwt to 15.2 ppg, Tooh f/ 19282' to 18068' Back Ream f/ 18068' to 15,896', trip out on elevators to 15,073'.		
Start Time	00:00	End Time	12:30	Comment Circulate for clean up cycle, working pipe with 160 rpm and 525 gpm & Raise Mwt f/ 14.9 ppg to 15.2 ppg and Bring up the LCM To 15 ppb Had to Slow Pump Rate Down f/ 525 gpm to 425 gpm to avoid mud losses, Reciprocating pipe, 100 rpm				

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Report Start Date 11/29/2014			Report End Date 11/30/2014			24hr Activity Summary POOH on elevators f/15073' to Surface, retaking surveys at 15,986', 14,458' and 14,364', L/D Dir Tools, Pull Wear Bushing, Clean Rig Rig Floor, Rig Up Csg Crew, Run 5.5" Prod Casing.		
Start Time 12:30		End Time 16:00		Comment (Start) Flow check, no flow. TOOH f/ 19,282' to 18,400. Flow check. Well flowing 5 bpm and slowing down to 3.5 bpm, TOOH f/18,400' to 18,068 . Monitoring well on trip tank. Back reaming out f/ 18,068 to 17,974, pull f/ 17974' to 17501' on elevators, resume back reaming out to Intermittent tight spots, pump with 70 spm, 250 gpm, 100 rpm				
Start Time 16:00		End Time 16:30		Comment Change out Wash Pipe packing				
Start Time 16:30		End Time 17:00		Comment Rig service				
Start Time 17:00		End Time 00:00		Comment Flow check, no flow. TOOH f/ 17,501' to 17,422'. on elevators, resume back reaming out f/17,422', pump with 70 spm, 250 gpm, 100 rpm, retake survey at 15,986' bit depth, trip out on elevators f/15,986' to 15,073'				
Report Start Date 11/29/2014			Report End Date 11/30/2014			24hr Activity Summary POOH on elevators f/15073' to Surface, retaking surveys at 15,986', 14,458' and 14,364', L/D Dir Tools, Pull Wear Bushing, Clean Rig Rig Floor, Rig Up Csg Crew, Run 5.5" Prod Casing.		
Start Time 00:00		End Time 01:30		Comment Flow check, no flow. TOOH f/ 15,073' to 14,238'. retake survey at 14,458' and 14,364' bit depth,				
Start Time 01:30		End Time 02:00		Comment Turn off rotary set on directional tools				
Start Time 02:00		End Time 04:00		Comment Check flow back from ballooning down to none, pump drying slug				
Start Time 04:00		End Time 12:30		Comment (Start) TOOH f/ 14,328' to Dir BHA. on elevators, monitor trip tank				
Start Time 12:30		End Time 14:30		Comment HPJSM and L/D Directional BHA & Bit,				
Start Time 14:30		End Time 17:00		Comment Pull Wear Bushing & Clean Rig Floor, Gett all the Recepticals, Float Equip, & Centrelizer to the rig floor.				
Start Time 17:00		End Time 19:30		Comment (Start) Casing Operations... Held safety meeting with casing crew & Rig crew, Halliburton, Schlumberger & Rig up casers.				
Start Time 19:30		End Time 00:00		Comment (Start) Make Up Float shoe and Float And test Float equipment, Run 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep.Run casing F/ surface to 1810', 1- Float shoe, 1 jt csg, 1 Float collar, 1 jt csg, 1 Landing collar, 2 jts csg, 1 RSI, 1 jt csg. RSI, 38 full jts, installing Schlumberger receptical +/- every 200', solid body centralizer evey joint Filling pipe every 3000'.				
Report Start Date 11/30/2014			Report End Date 12/1/2014			24hr Activity Summary Run 5.5" Casing f/1810' to 8544', Circ Bottoms, Run 5.5" Casing f/ 8544' to 14,644'		
Start Time 00:00		End Time 10:30		Comment Make Up Float shoe and Float And test Float equipment, Run 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep.Run casing F/ 1810' to 8544', 1- Float shoe, 1 jt csg, 1 Float collar, 1 jt csg, 1 Landing collar, 2 jts csg, 1 RSI, 1 jt csg. RSI, 109 full jts csg, 1 marker jt, 130 full jts 1 marker,				
Start Time 10:30		End Time 13:30		Comment Intsall Rotating Rubber and Circulate BU @ 8544' @ 5.0 bbm, Max Bottoms up gas 470 Units, Pull Rotating Rubber				
Start Time 13:30		End Time 00:00		Comment Cont to Run Casing As Follows, Run 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep.Run casing F/ 8554' to 14644', 1- Float shoe, 1 jt csg, 1 Float collar, 1 jt csg, 1 Landing collar, 2 jts csg, 1 RSI, 1 jt csg. RSI, 109 full jts csg, 1 marker jt, 130 full jts, 1 marker jt, 106 full joints, installing Schlumberger receptical +/- every 200' f/ 18,873' to 9973' (46 total) Filling pipe every 2000'.				
Report Start Date 12/1/2014			Report End Date 12/2/2014			24hr Activity Summary Run 5.5" Casing f/14,644' to 19,268', P/U & M/U Landing Joint, Install Rotating Rubber, Rig Down Casers & P/U & M/U Rotating Cement Head, Circ & Wait On Cement.		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 14-10-3-3-2W-MW**

Start Time	00:00	End Time	08:30	Comment
				Cont to Run Casing As Follows, Run 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep.Run casing F/ 14,644' to 19,268', 1- Float shoe, 1 jt csg, 1 Float collar, 1 jt csg, 1 Landing collar, 2 jts csg, 1 RSI, 1 jt csg. RSI, 109 full jts csg, 1 marker jt, 130 full jts, 1 marker jt, 214 full joints, installing Schlumberger receptical +/- every 200' f/ 18,873' to 9973' (46 total) Filling pipe every 2000'. Wash through spot @ 15,999', 18,501'
Start Time	08:30	End Time	09:30	Comment
				P/U & M/U Landing Joint and casing hanger & Install Rotating Head Landed casing with 170 K
Start Time	09:30	End Time	10:30	Comment
				HPJSM w/ Fanks & Rig down Casing Crew and P/U & M/U Rotate Cementing Head & Rotate @ 10 RPMS, and Circ @ 3 bpm
Start Time	10:30	End Time	00:00	Comment
				(Start) R/U Halliburton Cementers and Wait On Cement to be Loaded, and hauled to Location, Rotating string with top drive @ 5 RPMS, & Work Strokes up f/ 2 bpm to 4.5 BPM & Monitor Well For Losses
Report Start Date	Report End Date	24hr Activity Summary		
12/2/2014	12/3/2014	Wait on cmt test results, PJSM, RU to rotating cmt head, test lines, cmt 5 1/2" csg, Land And Install casing mandrel & Pack off, Test Pack Off, Prepare Rig For Skid, Nipple Down Bop		
Start Time	00:00	End Time	01:00	Comment
				Circulate, rotate and wait on results of cement test
Start Time	01:00	End Time	02:30	Comment
				PJSM w/Halliburton, Franks and rig crew, RU to rotating cement head
Start Time	02:30	End Time	09:30	Comment
				(Start) Cementing Operations... Cement 5.5" Casing As Follows. Pressure test lines to 9500 pi, drop bottom plug, Pump 40 bbls of tuned spacer III @ 15.4 ppg @ 4 BPM, mix and pump 353 bbls of Tergo Vis (1407 sks) 15.4 ppg, @ 5 bpm, mix and pump 615 bbls of primary cement (2240 sks) 15.7 ppg 1.54 yield, 6.33 gal / sk, @ 5 BPM Shut down drop plug pump 420 bbls of KCL+Biocide displacement final pump rate 4 BPM, final circulating pressure 4800 psi, bumped plug with 5300 psi , 7 bbl flow back, floats held, Full Returns During Cement Job & Got Back 30 bbls of Tuned Spacer, During cmt job rotated casing @ 10 RPMS & 20k Torque had Interment Rotation During Cement Displacement.(Rotation Stop @ 540 bbls of Cement pumped and rotation started again @ 180 bbls Away on displacement)
Start Time	09:30	End Time	15:00	Comment
				(Start) Land Casing Mandrel hanger with 148k in the wellhead and Rig down halliburton cementers, Franks cement head, Back out landing jt, P/U joint of 5" DP And Wash Tool, L/D Wash Tool, P/U and install pack-off, pressure test to 10000 psi 15 min (verified by NFX company rep). Install Back Pressure Valve.
Start Time	15:00	End Time	20:00	Comment
				Nipple Down Bop Stack,Flow Line, P/U Bop Stack With BOP Handler,Install Fmc Night cap, and Prep Rig to Skid to the Ranch 15-10-3-3-2W-UW, rig released from UteTribal 14-10-3-3-2W-MW @ 20:00 12/2/2014

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: UTE TRIBAL 14-10-3-2W-MW	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013522970000	
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0376 FSL 2340 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 03.0S Range: 02.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/28/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text" value="Form 7"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
As per our conversation with Dustin Doucet, attached find the form 7 for the above mentioned well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 22, 2016			
NAME (PLEASE PRINT) Heather Calder	PHONE NUMBER 435 646-4936	TITLE Production Technician	
SIGNATURE N/A		DATE 1/22/2016	

