

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 Tommy 14-7-3-2WH
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 mcozler@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-6269	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Leon E. Sprouse		14. SURFACE OWNER PHONE (if box 12 = 'fee') 4358908001
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 315, Neola, UT 84053		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	692 FSL 2364 FEL	SWSE	7	3.0 S	2.0 W	U
Top of Uppermost Producing Zone	660 FSL 1980 FWL	SESW	7	3.0 S	2.0 W	U
At Total Depth	660 FNL 1980 FWL	NENW	7	3.0 S	2.0 W	U

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 692	23. NUMBER OF ACRES IN DRILLING UNIT 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 30	26. PROPOSED DEPTH MD: 9035 TVD: 13050
27. ELEVATION - GROUND LEVEL 5189	28. BOND NUMBER WYB000493	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
SURF	17.5	13.375	0 - 1500	54.5	J-55 ST&C	8.4	Varocem	240	3.33	11.0
							Varocem	210	1.9	13.0
I1	12.25	9.625	0 - 8478	40.0	N-80 Buttress	11.5	Halliburton Premium , Type Unknown	659	3.53	11.0
							50/50 Poz	563	1.29	14.0
PROD	8.75	5.5	0 - 13050	20.0	P-110 Other	14.5	50/50 Poz	113	1.29	14.5
							50/50 Poz	1030	1.29	14.5

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 (Star Point Enterprises, Inc.)	PHONE 435 719-2018
SIGNATURE	DATE 12/23/2013	EMAIL starpoint@etv.net
API NUMBER ASSIGNED 43013527610000	APPROVAL  Permit Manager	

Newfield Production Company**14-7-3-2WH****Surface Hole Location: 692' FSL, 2364' FEL, Section 7, T3S, R2W****Bottom Hole Location: 660' FNL, 1980' FWL, Section 7, T3S, R2W****Duchesne County, UT****Drilling Program****1. Formation Tops**

Uinta	surface
Green River	3,541'
Garden Gulch member	6,462'
Uteland Butte member	8,757'
Lateral TD	9,035' TVD / 13,050' MD

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

Base of moderately saline	1,772'	(water)
Green River	6,462' - 8,757'	(oil)
Uteland Butte member	8,757' - 9,035'	(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
									2.89	2.63	6.29
Intermediate 9 5/8	0'	8,384'	40	N-80	BTC	11	11.5	15	5,750	3,090	916,000
		8,478'							1.19	1.23	2.73
Production 5 1/2	0'	9,035'	20	P-110	BTC	14	14.5	16	12,360	11,080	641,000
		13,050'							2.37	2.03	2.46

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 4,192'
- Intermediate csg run from surface to 8,384' 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	6,462'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2328	15%	11.0	3.53
				659			
Intermediate Tail	12 1/4	2,016'	50/50 Poz/Class G + 1% bentonite	726	15%	14.0	1.29
				563			
Production Lead	8 3/4	500'	50/50 Poz/Class G + 1% bentonite	145	15%	14.5	1.29
				113			
Production Tail	8 3/4	4,572'	50/50 Poz/Class G + 1% bentonite	1328	15%	14.5	1.29
				1030			

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 back to 500' above the intermediate casing shoe. 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 @ 9,128' MD

The float collar will be @ 13,050' MD

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' - 8,478' A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 11.5 ppg.

8,478' - 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.

$$9,035' \times 0.73 \text{ psi/ft} = 6577.5 \text{ psi}$$

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 8,508'

Directional tools will then be used to build to 87.20 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.

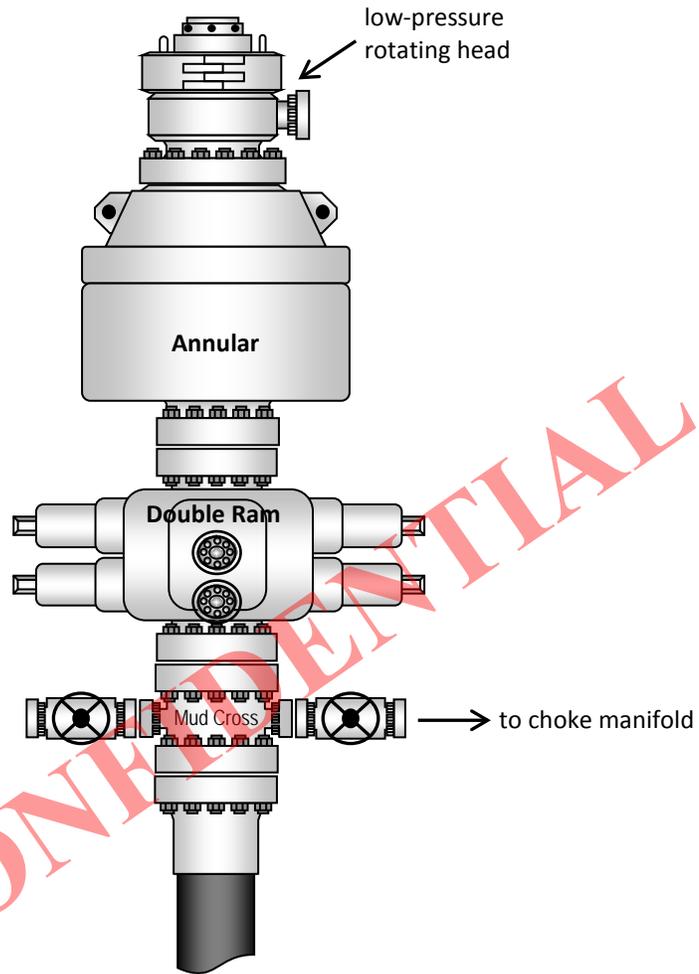
Newfield requests the following variances from Onshore Order #2:

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

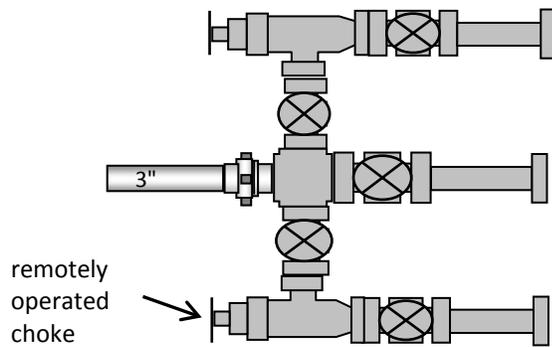
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

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



R 3 W T3S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

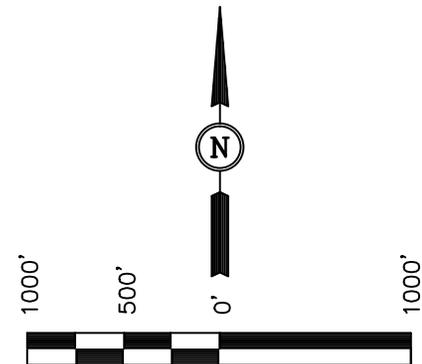
Well location, #14-7-3-2WH, located as shown in the SW 1/4 SE 1/4 of Section 7, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

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

UINTAH ENGINEERING & LAND SURVEYING

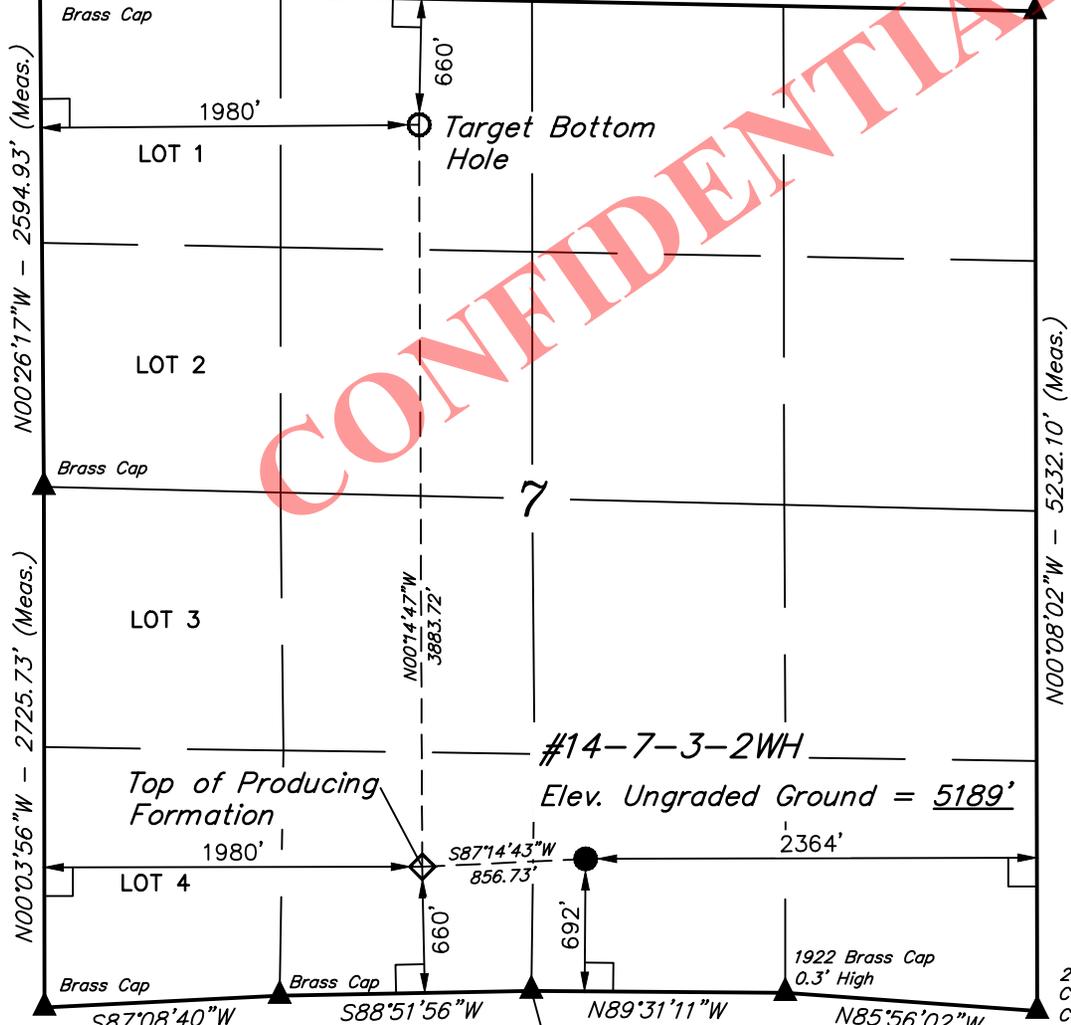
85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-25-13	DATE DRAWN: 06-19-13
PARTY M.A. C.K. C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE NEWFIELD EXPLORATION COMPANY	

RECEIVED: December 23, 2013

N88°50'08"W - 5212.65' (Meas.)



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

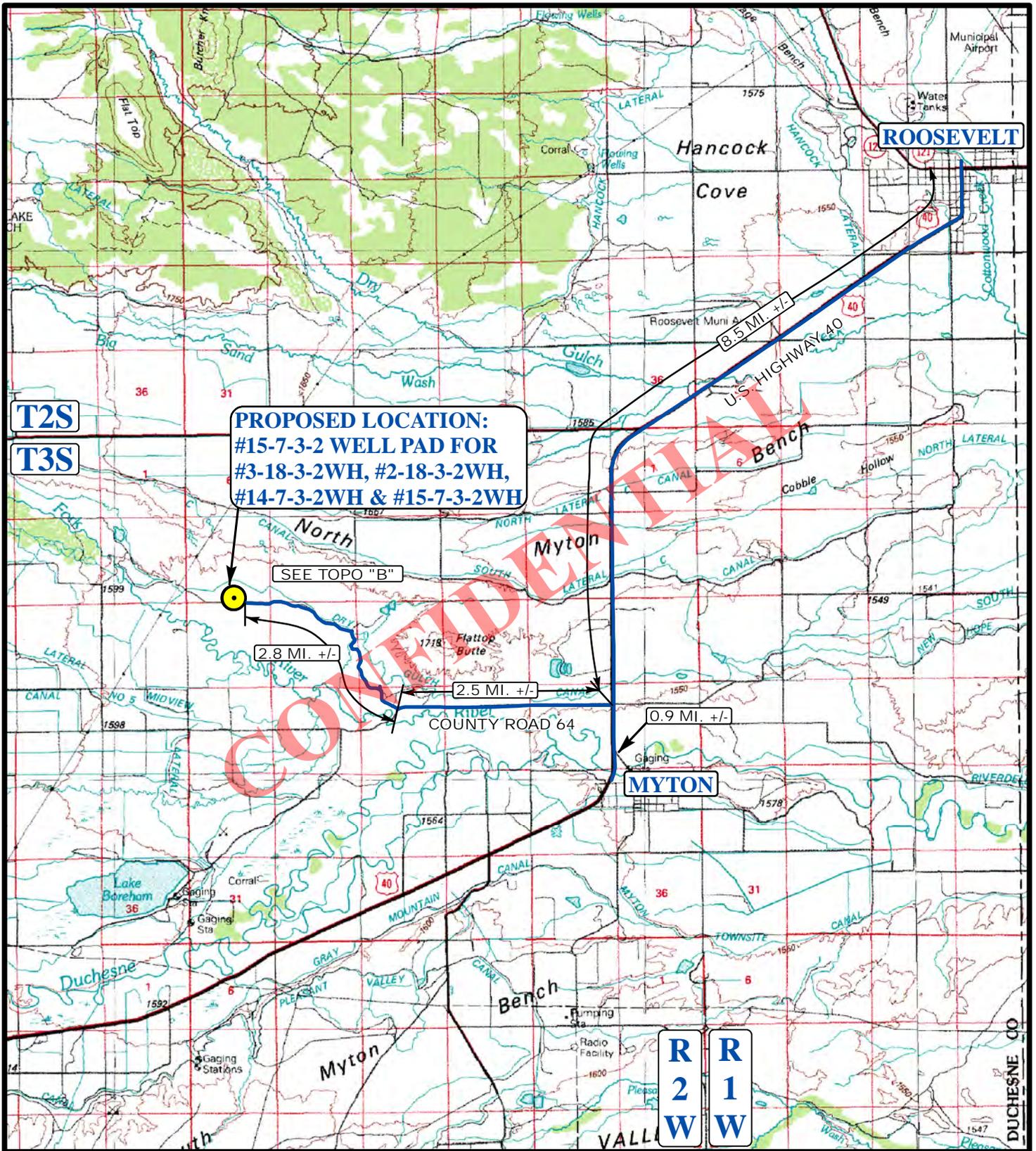
NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (TOP OF PRODUCING FORMATION)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°14'30.78" (40.241883) LONGITUDE = 110°09'16.91" (110.154697)	LATITUDE = 40°13'52.41" (40.231225) LONGITUDE = 110°09'16.68" (110.154633)	LATITUDE = 40°13'52.82" (40.231339) LONGITUDE = 110°09'05.65" (110.151569)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (TOP OF PRODUCING FORMATION)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°14'30.93" (40.241925) LONGITUDE = 110°09'14.37" (110.153992)	LATITUDE = 40°13'52.56" (40.231267) LONGITUDE = 110°09'14.13" (110.153925)	LATITUDE = 40°13'52.97" (40.231381) LONGITUDE = 110°09'03.10" (110.150861)

NEWFIELD EXPLORATION COMPANY
#15-7-3-2 WELL PAD FOR #3-18-3-2WH,
#2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.

PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION FROM MYTON, UTAH ALONG HIGHWAY 40 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND COUNTY ROAD 64 TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 473' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 6.3 MILES.

CONFIDENTIAL



LEGEND:

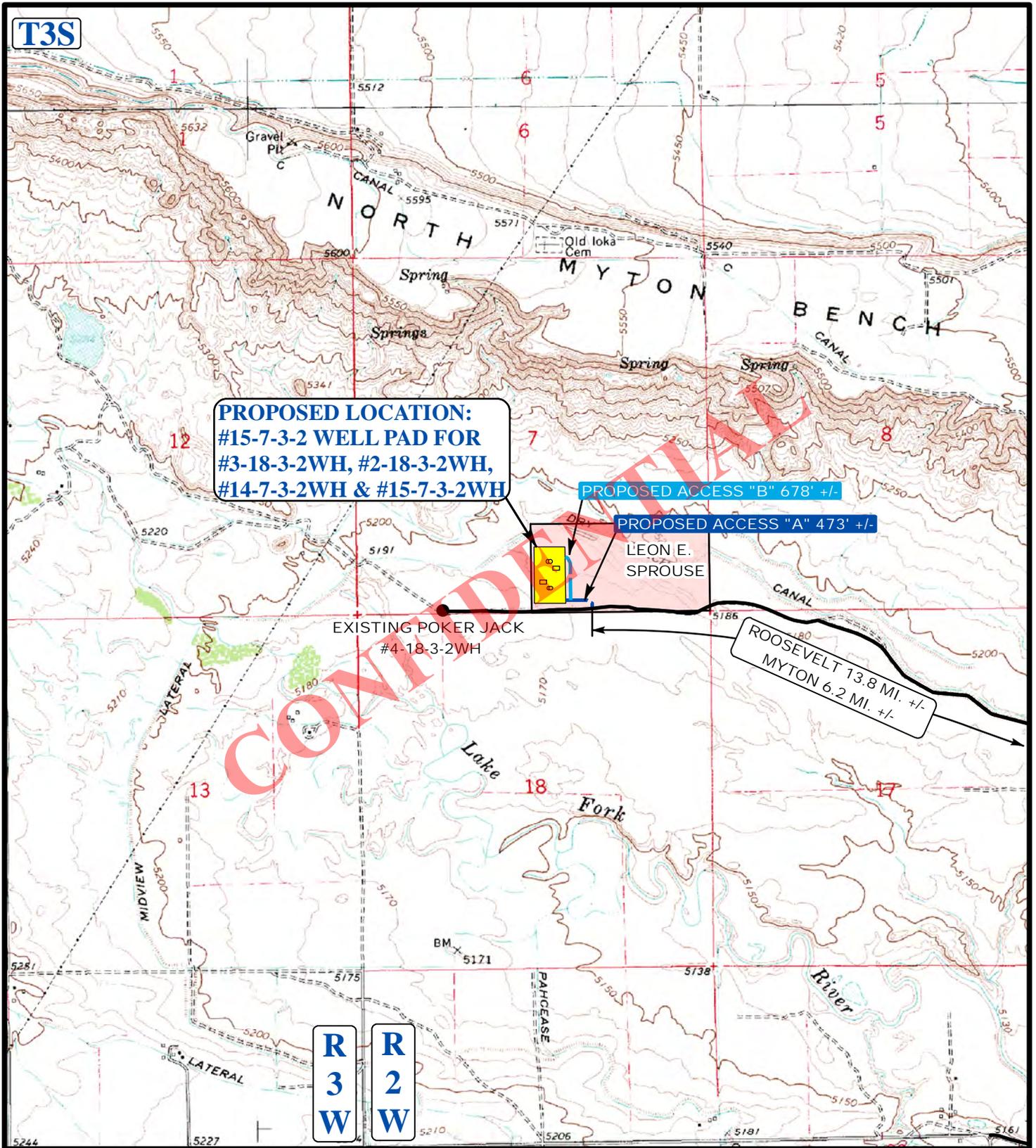
PROPOSED LOCATION

NEWFIELD EXPLORATION COMPANY

#15-7-3-2 WELL PAD FOR #3-18-3-2WH,
 #2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
 SECTION 7, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

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

ACCESS ROAD MAP **07 15 13**
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: S.O. REVISED: 00-00-00 **ATOP**



LEGEND:

- EXISTING ROADS
- PROPOSED ACCESS ROAD "A"
- PROPOSED ACCESS ROAD "B"

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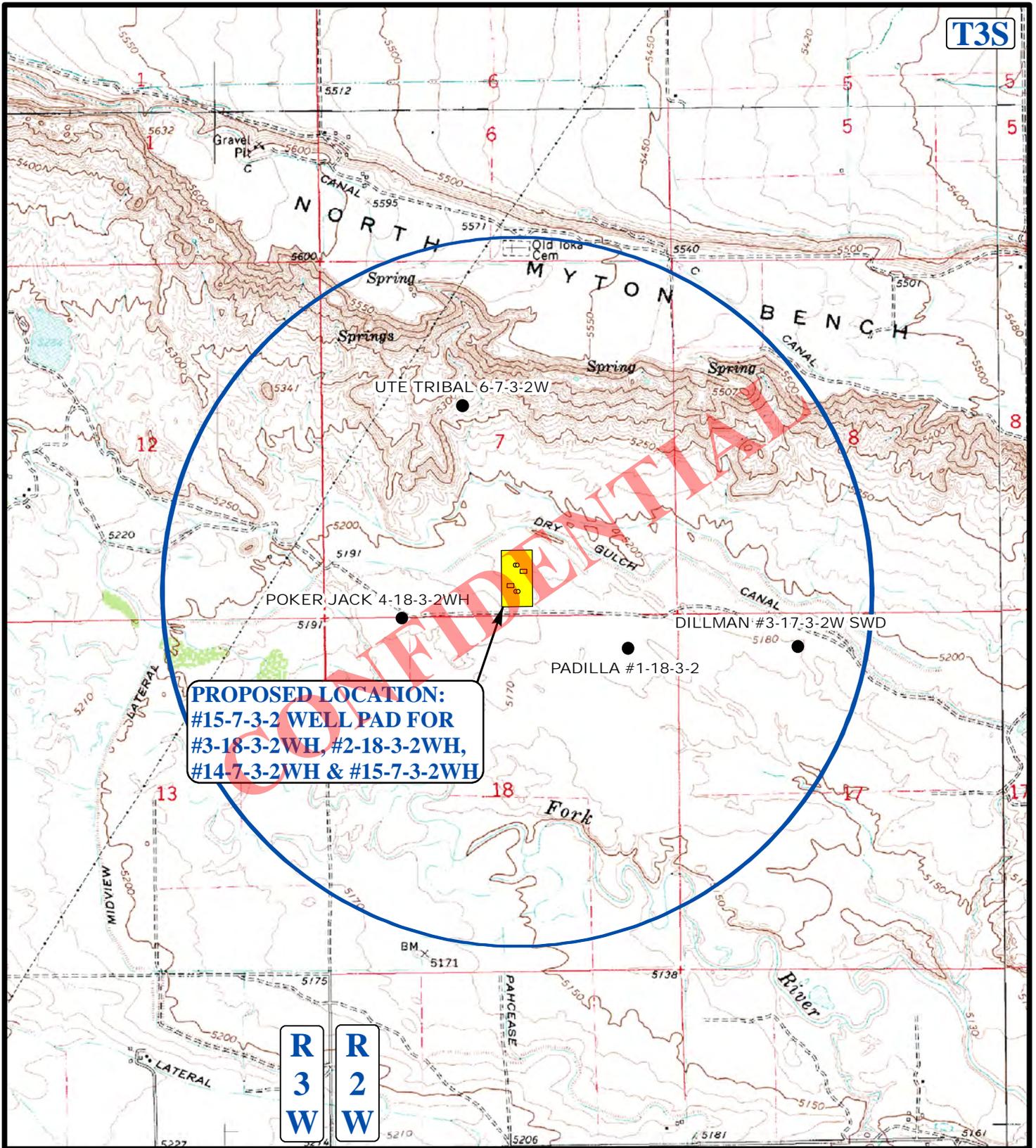
NEWFIELD EXPLORATION COMPANY

**#15-7-3-2 WELL PAD FOR #3-18-3-2WH,
#2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4**

ACCESS ROAD MAP **07 15 13**
 MONTH DAY YEAR

SCALE: 1"=2000' DRAWN BY: S.O. REVISED: 00-00-00

B
TOPO



PROPOSED LOCATION:
 #15-7-3-2 WELL PAD FOR
 #3-18-3-2WH, #2-18-3-2WH,
 #14-7-3-2WH & #15-7-3-2WH

LEGEND:

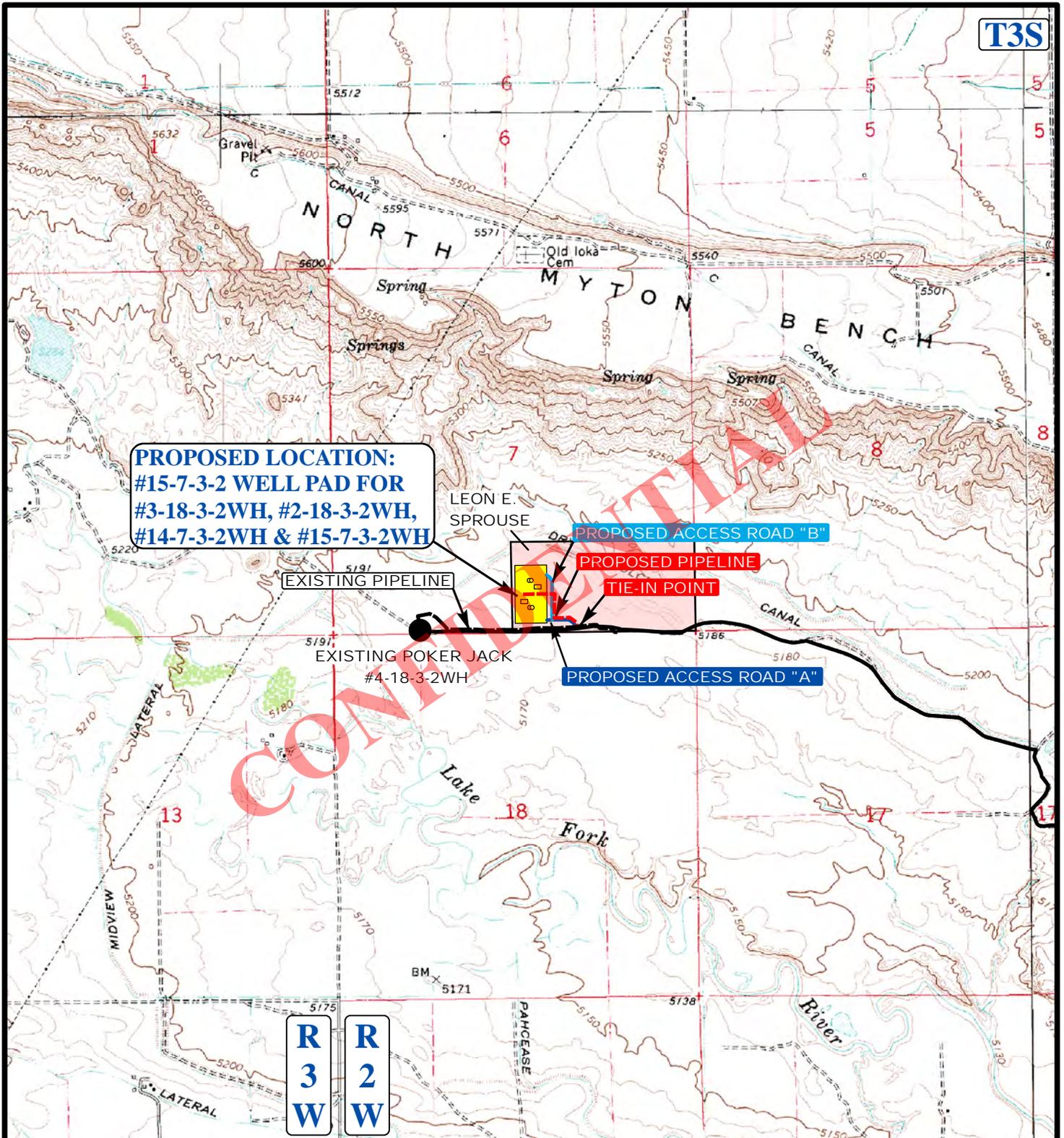
- ⊘ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

U E S **Utah Engineering & Land Surveying**
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NEWFIELD EXPLORATION COMPANY

#15-7-3-2 WELL PAD FOR #3-18-3-2WH,
 #2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
 SECTION 7, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

TOPOGRAPHIC MAP **07 15 13**
 MONTH DAY YEAR
 SCALE: 1"=2000' DRAWN BY: S.O. REVISED: 00-00-00 **C TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,198' +/-

LEGEND:

- EXISTING ROADS
- PROPOSED ACCESS ROAD "A"
- PROPOSED ACCESS ROAD "B"
- EXISTING PIPELINE
- PROPOSED PIPELINE

UES **Utah Engineering & Land Surveying**
 85 South 200 East Vernal, Utah 84078
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NEWFIELD EXPLORATION COMPANY

#15-7-3-2 WELL PAD FOR #3-18-3-2WH,
 #2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
 SECTION 7, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

TOPOGRAPHIC MAP **07 15 13**
 MONTH DAY YEAR
 SCALE: 1"=2000' DRAWN BY: S.O. REVISED: 00-00-00 **D TOPO**

LEAM Drilling Systems, LLC
FOR
NEWFIELD EXPLORATION ROCKY MOUNTAINS
WELL: 14-7-3-2WH (PLAN: Rev00)
SEC. 7, T3S-R2W, DUCHESNE COUNTY, UTAH
RIG: PENDING (KB= 28')
OCTOBER 02, 2013 --- WELL PLAN PLOT

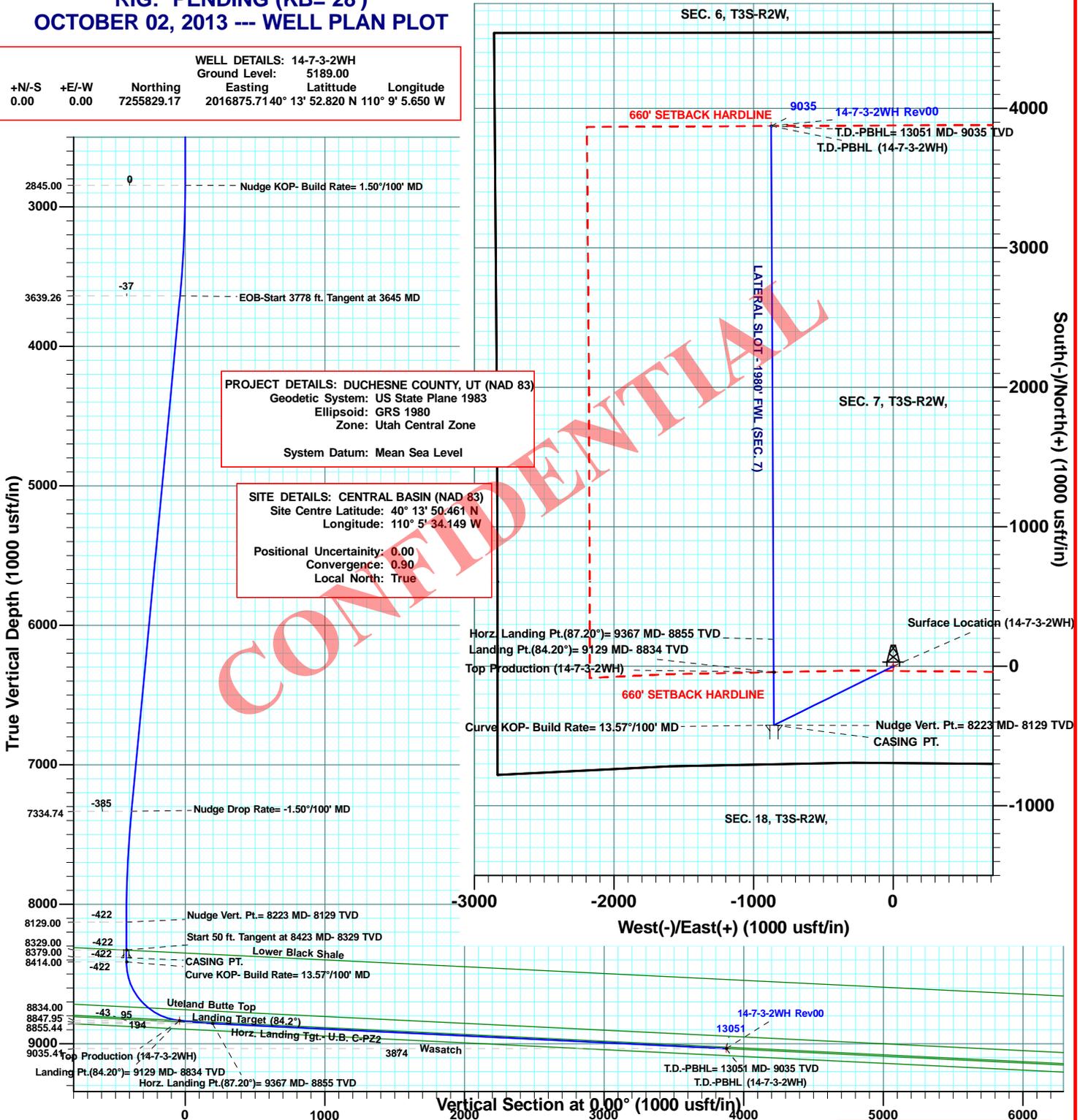


WELL DETAILS: 14-7-3-2WH

+N/-S	+E/-W	Northing	Ground Level:	Easting	Latitude	Longitude
0.00	0.00	7255829.17	5189.00	2016875.7140° 13' 52.820 N	110° 9' 5.650 W	

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

SITE DETAILS: CENTRAL BASIN (NAD 83)
 Site Centre Latitude: 40° 13' 50.461 N
 Longitude: 110° 5' 34.149 W
 Positional Uncertainty: 0.00
 Convergence: 0.90
 Local North: True



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	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	
2845.00	0.00	0.00	2845.00	0.00	0.00	0.00	0.00	0.00	
3645.10	12.00	243.70	3639.26	-36.99	-74.85	1.50	243.70	-36.99	
7423.16	12.00	243.70	7334.74	-385.01	-779.15	0.00	0.00	-385.01	
8223.26	0.00	0.00	8129.00	-422.00	-854.00	1.50	180.00	-422.00	
8423.26	0.00	0.00	8329.00	-422.00	-854.00	0.00	0.00	-422.00	
8473.26	0.00	0.00	8379.00	-422.00	-854.00	0.00	0.00	-422.00	
8508.26	0.00	0.00	8414.00	-422.00	-854.00	0.00	0.00	-422.00	
9128.65	84.20	359.74	8834.00	-42.50	-855.72	13.57	359.74	-42.50	
9266.65	84.20	359.74	8847.95	94.79	-856.35	0.00	0.00	94.79	
9366.65	87.20	359.74	8855.44	194.49	-856.80	3.00	0.00	194.49	
13050.68	87.20	359.74	9035.41	3874.09	-873.50	0.00	0.00	3874.09	T.D.-PBHL (14-7-3-2WH)

Magnetic Field Information:
 Azimuths to True North
 Magnetic North: 11.08°
 Magnetic Field Strength: 52134.1snT
 Dip Angle: 65.87°
 Date: 10/3/2013
 Model: IGRF2010

Plan: 14-7-3-2WH Rev00 (14-7-3-2WH/14-7-3-2WH)
 Created By: Chad Dubois Date: 9:30, October 02 2013
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 14-7-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5189'+ 28'= 5,217'MSL) @ 5217.00usft (RIG (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5189'+ 28'= 5,217'MSL) @ 5217.00usft (RIG (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	14-7-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-7-3-2WH		
Design:	14-7-3-2WH Rev00		

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:	7,255,843.21 usft	Latitude:	40° 13' 50.461 N
From:	Map	Easting:	2,033,280.24 usft	Longitude:	110° 5' 34.149 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.90 °

Well	14-7-3-2WH					
Well Position	+N-S	244.04 usft	Northing:	7,255,829.17 usft	Latitude:	40° 13' 52.820 N
	+E-W	-16,402.72 usft	Easting:	2,016,875.71 usft	Longitude:	110° 9' 5.650 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	5,217.00 usft	Ground Level:	5,189.00 usft

Wellbore	14-7-3-2WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/3/2013	11.08	65.87	52,134

Design	14-7-3-2WH Rev00				
Audit Notes:					
Version:	Rev00	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	
2,845.00	0.00	0.00	2,845.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,645.10	12.00	243.70	3,639.26	-36.99	-74.85	1.50	1.50	0.00	243.70	
7,423.16	12.00	243.70	7,334.74	-385.01	-779.15	0.00	0.00	0.00	0.00	
8,223.26	0.00	0.00	8,129.00	-422.00	-854.00	1.50	-1.50	0.00	180.00	
8,423.26	0.00	0.00	8,329.00	-422.00	-854.00	0.00	0.00	0.00	0.00	
8,473.26	0.00	0.00	8,379.00	-422.00	-854.00	0.00	0.00	0.00	0.00	
8,508.26	0.00	0.00	8,414.00	-422.00	-854.00	0.00	0.00	0.00	0.00	
9,128.65	84.20	359.74	8,834.00	-42.50	-855.72	13.57	13.57	0.00	359.74	
9,266.65	84.20	359.74	8,847.95	94.79	-856.35	0.00	0.00	0.00	0.00	
9,366.65	87.20	359.74	8,855.44	194.49	-856.80	3.00	3.00	0.00	0.00	
13,050.68	87.20	359.74	9,035.41	3,874.09	-873.50	0.00	0.00	0.00	0.00	T.D.-PBHL (14-7-3-



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Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	14-7-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-7-3-2WH		
Design:	14-7-3-2WH Rev00		

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	
Start 1345 ft. Tangent at 1500 MD- 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	
2,845.00	0.00	0.00	2,845.00	0.00	0.00	0.00	0.00	0.00	0.00	
Nudge KOP- Build Rate= 1.50°/100' MD										
2,900.00	0.83	243.70	2,900.00	-0.18	-0.35	-0.18	1.50	1.50	0.00	
3,000.00	2.33	243.70	2,999.96	-1.39	-2.82	-1.39	1.50	1.50	0.00	
3,100.00	3.83	243.70	3,099.81	-3.77	-7.63	-3.77	1.50	1.50	0.00	
3,200.00	5.33	243.70	3,199.49	-7.30	-14.78	-7.30	1.50	1.50	0.00	
3,300.00	6.83	243.70	3,298.92	-11.99	-24.27	-11.99	1.50	1.50	0.00	
3,400.00	8.33	243.70	3,398.05	-17.83	-36.08	-17.83	1.50	1.50	0.00	
3,500.00	9.83	243.70	3,496.79	-24.82	-50.22	-24.82	1.50	1.50	0.00	
3,600.00	11.33	243.70	3,595.09	-32.95	-66.68	-32.95	1.50	1.50	0.00	
3,645.10	12.00	243.70	3,639.26	-36.99	-74.85	-36.99	1.50	1.50	0.00	
EOB-Start 3778 ft. Tangent at 3645 MD										
3,700.00	12.00	243.70	3,692.96	-42.04	-85.09	-42.04	0.00	0.00	0.00	
3,800.00	12.00	243.70	3,790.78	-51.26	-103.73	-51.26	0.00	0.00	0.00	
3,900.00	12.00	243.70	3,888.59	-60.47	-122.37	-60.47	0.00	0.00	0.00	
4,000.00	12.00	243.70	3,986.40	-69.68	-141.01	-69.68	0.00	0.00	0.00	
4,100.00	12.00	243.70	4,084.22	-78.89	-159.65	-78.89	0.00	0.00	0.00	
4,200.00	12.00	243.70	4,182.03	-88.10	-178.29	-88.10	0.00	0.00	0.00	
4,300.00	12.00	243.70	4,279.85	-97.32	-196.94	-97.32	0.00	0.00	0.00	
4,400.00	12.00	243.70	4,377.66	-106.53	-215.58	-106.53	0.00	0.00	0.00	
4,500.00	12.00	243.70	4,475.48	-115.74	-234.22	-115.74	0.00	0.00	0.00	
4,600.00	12.00	243.70	4,573.29	-124.95	-252.86	-124.95	0.00	0.00	0.00	



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Well:	14-7-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-7-3-2WH		
Design:	14-7-3-2WH Rev00		

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)
4,700.00	12.00	243.70	4,671.10	-134.16	-271.50	-134.16	0.00	0.00	0.00
4,800.00	12.00	243.70	4,768.92	-143.37	-290.15	-143.37	0.00	0.00	0.00
4,900.00	12.00	243.70	4,866.73	-152.59	-308.79	-152.59	0.00	0.00	0.00
5,000.00	12.00	243.70	4,964.55	-161.80	-327.43	-161.80	0.00	0.00	0.00
5,100.00	12.00	243.70	5,062.36	-171.01	-346.07	-171.01	0.00	0.00	0.00
5,200.00	12.00	243.70	5,160.18	-180.22	-364.71	-180.22	0.00	0.00	0.00
5,300.00	12.00	243.70	5,257.99	-189.43	-383.35	-189.43	0.00	0.00	0.00
5,400.00	12.00	243.70	5,355.80	-198.64	-402.00	-198.64	0.00	0.00	0.00
5,500.00	12.00	243.70	5,453.62	-207.86	-420.64	-207.86	0.00	0.00	0.00
5,600.00	12.00	243.70	5,551.43	-217.07	-439.28	-217.07	0.00	0.00	0.00
5,700.00	12.00	243.70	5,649.25	-226.28	-457.92	-226.28	0.00	0.00	0.00
5,800.00	12.00	243.70	5,747.06	-235.49	-476.56	-235.49	0.00	0.00	0.00
5,900.00	12.00	243.70	5,844.88	-244.70	-495.21	-244.70	0.00	0.00	0.00
6,000.00	12.00	243.70	5,942.69	-253.92	-513.85	-253.92	0.00	0.00	0.00
6,100.00	12.00	243.70	6,040.50	-263.13	-532.49	-263.13	0.00	0.00	0.00
6,200.00	12.00	243.70	6,138.32	-272.34	-551.13	-272.34	0.00	0.00	0.00
6,300.00	12.00	243.70	6,236.13	-281.55	-569.77	-281.55	0.00	0.00	0.00
6,400.00	12.00	243.70	6,333.95	-290.76	-588.41	-290.76	0.00	0.00	0.00
6,500.00	12.00	243.70	6,431.76	-299.97	-607.06	-299.97	0.00	0.00	0.00
6,600.00	12.00	243.70	6,529.58	-309.19	-625.70	-309.19	0.00	0.00	0.00
6,700.00	12.00	243.70	6,627.39	-318.40	-644.34	-318.40	0.00	0.00	0.00
6,800.00	12.00	243.70	6,725.20	-327.61	-662.98	-327.61	0.00	0.00	0.00
6,900.00	12.00	243.70	6,823.02	-336.82	-681.62	-336.82	0.00	0.00	0.00
7,000.00	12.00	243.70	6,920.83	-346.03	-700.27	-346.03	0.00	0.00	0.00
7,100.00	12.00	243.70	7,018.65	-355.24	-718.91	-355.24	0.00	0.00	0.00
7,200.00	12.00	243.70	7,116.46	-364.46	-737.55	-364.46	0.00	0.00	0.00
7,300.00	12.00	243.70	7,214.27	-373.67	-756.19	-373.67	0.00	0.00	0.00
7,400.00	12.00	243.70	7,312.09	-382.88	-774.83	-382.88	0.00	0.00	0.00
7,423.16	12.00	243.70	7,334.74	-385.01	-779.15	-385.01	0.00	0.00	0.00
Nudge Drop Rate= -1.50°/100' MD									
7,500.00	10.85	243.70	7,410.06	-391.76	-792.80	-391.76	1.50	-1.50	0.00
7,600.00	9.35	243.70	7,508.51	-399.52	-808.52	-399.52	1.50	-1.50	0.00
7,700.00	7.85	243.70	7,607.38	-406.15	-821.92	-406.15	1.50	-1.50	0.00
7,800.00	6.35	243.70	7,706.61	-411.62	-833.00	-411.62	1.50	-1.50	0.00
7,900.00	4.85	243.70	7,806.13	-415.94	-841.74	-415.94	1.50	-1.50	0.00
8,000.00	3.35	243.70	7,905.87	-419.11	-848.15	-419.11	1.50	-1.50	0.00
8,100.00	1.85	243.70	8,005.77	-421.12	-852.22	-421.12	1.50	-1.50	0.00
8,200.00	0.35	243.70	8,105.75	-421.97	-853.94	-421.97	1.50	-1.50	0.00
8,223.26	0.00	0.00	8,129.00	-422.00	-854.00	-422.00	1.50	-1.50	500.09
Nudge Vert. Pt.= 8223 MD- 8129 TVD									
8,300.00	0.00	0.00	8,205.75	-422.00	-854.00	-422.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,305.75	-422.00	-854.00	-422.00	0.00	0.00	0.00
8,423.26	0.00	0.00	8,329.00	-422.00	-854.00	-422.00	0.00	0.00	0.00
Start 50 ft. Tangent at 8423 MD- 8329 TVD									
8,424.62	0.00	0.00	8,330.36	-422.00	-854.00	-422.00	0.00	0.00	0.00
Lower Black Shale									
8,473.26	0.00	0.00	8,379.00	-422.00	-854.00	-422.00	0.00	0.00	0.00
Start 35 ft. Tangent at 8473 MD- 8379 TVD									
8,478.26	0.00	0.00	8,384.00	-422.00	-854.00	-422.00	0.00	0.00	0.00
CASING PT.									
8,508.26	0.00	0.00	8,414.00	-422.00	-854.00	-422.00	0.00	0.00	0.00



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Planned Survey

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Curve KOP- Build Rate= 13.57°/100' MD									
8,525.00	2.27	359.74	8,430.74	-421.67	-854.00	-421.67	13.57	13.57	0.00
8,550.00	5.67	359.74	8,455.68	-419.94	-854.01	-419.94	13.57	13.57	0.00
8,575.00	9.06	359.74	8,480.47	-416.73	-854.02	-416.73	13.57	13.57	0.00
8,600.00	12.45	359.74	8,505.02	-412.07	-854.05	-412.07	13.57	13.57	0.00
8,625.00	15.84	359.74	8,529.26	-405.96	-854.07	-405.96	13.57	13.57	0.00
8,650.00	19.24	359.74	8,553.10	-398.43	-854.11	-398.43	13.57	13.57	0.00
8,675.00	22.63	359.74	8,576.44	-389.50	-854.15	-389.50	13.57	13.57	0.00
8,700.00	26.02	359.74	8,599.22	-379.20	-854.19	-379.20	13.57	13.57	0.00
8,725.00	29.42	359.74	8,621.35	-367.57	-854.25	-367.57	13.57	13.57	0.00
8,750.00	32.81	359.74	8,642.75	-354.66	-854.31	-354.66	13.57	13.57	0.00
8,775.00	36.20	359.74	8,663.35	-340.50	-854.37	-340.50	13.57	13.57	0.00
8,800.00	39.60	359.74	8,683.07	-325.14	-854.44	-325.14	13.57	13.57	0.00
8,825.00	42.99	359.74	8,701.85	-308.65	-854.51	-308.65	13.57	13.57	0.00
8,850.00	46.38	359.74	8,719.62	-291.07	-854.59	-291.07	13.57	13.57	0.00
8,875.00	49.77	359.74	8,736.32	-272.47	-854.68	-272.47	13.57	13.57	0.00
8,887.32	51.45	359.74	8,744.14	-262.95	-854.72	-262.95	13.57	13.57	0.00
Uteland Butte Top									
8,900.00	53.17	359.74	8,751.90	-252.92	-854.77	-252.92	13.57	13.57	0.00
8,925.00	56.56	359.74	8,766.28	-232.47	-854.86	-232.47	13.57	13.57	0.00
8,950.00	59.95	359.74	8,779.43	-211.22	-854.96	-211.22	13.57	13.57	0.00
8,975.00	63.35	359.74	8,791.30	-189.22	-855.06	-189.22	13.57	13.57	0.00
9,000.00	66.74	359.74	8,801.85	-166.56	-855.16	-166.56	13.57	13.57	0.00
9,025.00	70.13	359.74	8,811.04	-143.31	-855.26	-143.31	13.57	13.57	0.00
9,050.00	73.53	359.74	8,818.83	-119.56	-855.37	-119.56	13.57	13.57	0.00
9,075.00	76.92	359.74	8,825.21	-95.39	-855.48	-95.39	13.57	13.57	0.00
9,100.00	80.31	359.74	8,830.14	-70.89	-855.59	-70.89	13.57	13.57	0.00
9,125.00	83.70	359.74	8,833.62	-46.13	-855.71	-46.13	13.57	13.57	0.00
9,127.19	84.00	359.74	8,833.85	-43.95	-855.72	-43.95	13.57	13.57	0.00
Landing Target (84.2°)									
9,128.65	84.20	359.74	8,834.00	-42.50	-855.72	-42.50	13.57	13.57	0.00
Landing Pt.(84.20°)= 9129 MD- 8834 TVD									
9,200.00	84.20	359.74	8,841.21	28.48	-856.04	28.48	0.00	0.00	0.00
9,266.65	84.20	359.74	8,847.95	94.79	-856.35	94.79	0.00	0.00	0.00
Curve Build Rate= 3.00°/100' MD									
9,300.00	85.20	359.74	8,851.03	127.99	-856.50	127.99	3.00	3.00	0.00
9,366.65	87.20	359.74	8,855.44	194.49	-856.80	194.49	3.00	3.00	0.00
Horz. Landing Pt.(87.20°)= 9367 MD- 8855 TVD									
9,400.00	87.20	359.74	8,857.07	227.80	-856.95	227.80	0.00	0.00	0.00
9,500.00	87.20	359.74	8,861.96	327.68	-857.40	327.68	0.00	0.00	0.00
9,600.00	87.20	359.74	8,866.84	427.56	-857.86	427.56	0.00	0.00	0.00
9,700.00	87.20	359.74	8,871.73	527.44	-858.31	527.44	0.00	0.00	0.00
9,800.00	87.20	359.74	8,876.61	627.32	-858.76	627.32	0.00	0.00	0.00
9,900.00	87.20	359.74	8,881.50	727.20	-859.21	727.20	0.00	0.00	0.00
10,000.00	87.20	359.74	8,886.38	827.08	-859.67	827.08	0.00	0.00	0.00
10,100.00	87.20	359.74	8,891.27	926.96	-860.12	926.96	0.00	0.00	0.00
10,200.00	87.20	359.74	8,896.15	1,026.84	-860.57	1,026.84	0.00	0.00	0.00
10,300.00	87.20	359.74	8,901.04	1,126.72	-861.03	1,126.72	0.00	0.00	0.00
10,400.00	87.20	359.74	8,905.92	1,226.60	-861.48	1,226.60	0.00	0.00	0.00
10,500.00	87.20	359.74	8,910.81	1,326.48	-861.93	1,326.48	0.00	0.00	0.00
10,600.00	87.20	359.74	8,915.69	1,426.36	-862.39	1,426.36	0.00	0.00	0.00



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 14-7-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5189'+ 28'= 5,217'MSL) @ 5217.00usft (RIG (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5189'+ 28'= 5,217'MSL) @ 5217.00usft (RIG (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	14-7-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-7-3-2WH		
Design:	14-7-3-2WH Rev00		

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)
10,700.00	87.20	359.74	8,920.58	1,526.24	-862.84	1,526.24	0.00	0.00	0.00
10,800.00	87.20	359.74	8,925.46	1,626.12	-863.29	1,626.12	0.00	0.00	0.00
10,900.00	87.20	359.74	8,930.35	1,726.00	-863.75	1,726.00	0.00	0.00	0.00
11,000.00	87.20	359.74	8,935.23	1,825.88	-864.20	1,825.88	0.00	0.00	0.00
11,100.00	87.20	359.74	8,940.12	1,925.76	-864.65	1,925.76	0.00	0.00	0.00
11,200.00	87.20	359.74	8,945.00	2,025.64	-865.11	2,025.64	0.00	0.00	0.00
11,300.00	87.20	359.74	8,949.89	2,125.52	-865.56	2,125.52	0.00	0.00	0.00
11,400.00	87.20	359.74	8,954.77	2,225.40	-866.01	2,225.40	0.00	0.00	0.00
11,500.00	87.20	359.74	8,959.66	2,325.28	-866.47	2,325.28	0.00	0.00	0.00
11,600.00	87.20	359.74	8,964.54	2,425.15	-866.92	2,425.15	0.00	0.00	0.00
11,700.00	87.20	359.74	8,969.43	2,525.03	-867.37	2,525.03	0.00	0.00	0.00
11,800.00	87.20	359.74	8,974.31	2,624.91	-867.83	2,624.91	0.00	0.00	0.00
11,900.00	87.20	359.74	8,979.20	2,724.79	-868.28	2,724.79	0.00	0.00	0.00
12,000.00	87.20	359.74	8,984.08	2,824.67	-868.73	2,824.67	0.00	0.00	0.00
12,100.00	87.20	359.74	8,988.97	2,924.55	-869.19	2,924.55	0.00	0.00	0.00
12,200.00	87.20	359.74	8,993.85	3,024.43	-869.64	3,024.43	0.00	0.00	0.00
12,300.00	87.20	359.74	8,998.74	3,124.31	-870.09	3,124.31	0.00	0.00	0.00
12,400.00	87.20	359.74	9,003.62	3,224.19	-870.55	3,224.19	0.00	0.00	0.00
12,500.00	87.20	359.74	9,008.51	3,324.07	-871.00	3,324.07	0.00	0.00	0.00
12,600.00	87.20	359.74	9,013.39	3,423.95	-871.45	3,423.95	0.00	0.00	0.00
12,700.00	87.20	359.74	9,018.28	3,523.83	-871.91	3,523.83	0.00	0.00	0.00
12,800.00	87.20	359.74	9,023.16	3,623.71	-872.36	3,623.71	0.00	0.00	0.00
12,900.00	87.20	359.74	9,028.05	3,723.59	-872.81	3,723.59	0.00	0.00	0.00
13,000.00	87.20	359.74	9,032.93	3,823.47	-873.27	3,823.47	0.00	0.00	0.00
13,050.68	87.20	359.74	9,035.41	3,874.09	-873.50	3,874.09	0.00	0.00	0.00

T.D.-PBHL= 13051 MD- 9035 TVD



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 14-7-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5189'+ 28'= 5,217'MSL) @ 5217.00usft (RIG (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5189'+ 28'= 5,217'MSL) @ 5217.00usft (RIG (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	14-7-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-7-3-2WH		
Design:	14-7-3-2WH Rev00		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Surface Location (14- - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	7,255,829.17	2,016,875.71	40° 13' 52.820 N	110° 9' 5.650 W
SEC. 7, T3S-R2W, - plan misses target center by 2495.23usft at 1.00usft MD (1.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	1.00	-794.19	2,365.47	7,255,070.74	2,019,252.88	40° 13' 44.970 N	110° 8' 35.150 W
Point 1			1.00	0.00	0.00	7,255,070.73	2,019,252.88		
Point 2			1.00	93.00	-1,320.79	7,255,143.81	2,017,930.84		
Point 3			1.00	104.11	-2,650.09	7,255,134.88	2,016,601.52		
Point 4			1.00	77.86	-3,967.00	7,255,088.78	2,015,285.16		
Point 5			1.00	15.23	-5,199.37	7,255,007.58	2,014,053.87		
Point 6			1.00	1,399.46	-5,199.22	7,256,391.66	2,014,033.16		
Point 7			1.00	2,741.20	-5,203.71	7,257,733.18	2,014,008.44		
Point 8			1.00	5,334.63	-5,224.36	7,260,326.00	2,013,948.70		
Point 9			1.00	5,340.64	-42.38	7,260,410.13	2,019,130.00		
Point 10			1.00	0.00	0.00	7,255,070.73	2,019,252.88		
SEC. 7, T3S-R2W, 66 - plan misses target center by 1706.03usft at 1.00usft MD (1.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	1.00	-85.94	1,703.87	7,255,768.93	2,018,580.68	40° 13' 51.970 N	110° 8' 43.680 W
Point 1			1.00	0.00	0.00	7,255,768.93	2,018,580.68		
Point 2			1.00	44.50	-632.84	7,255,803.88	2,017,947.24		
Point 3			1.00	55.60	-1,992.37	7,255,794.49	2,016,587.70		
Point 4			1.00	29.34	-3,328.63	7,255,748.09	2,015,251.99		
Point 5			1.00	1.06	-3,877.70	7,255,711.53	2,014,703.40		
Point 6			1.00	692.16	-3,878.42	7,256,402.54	2,014,692.27		
Point 7			1.00	2,035.93	-3,882.18	7,257,746.10	2,014,668.25		
Point 8			1.00	3,953.52	-3,897.52	7,259,663.24	2,014,624.00		
Point 9			1.00	3,971.59	-35.17	7,259,739.54	2,018,485.64		
Point 10			1.00	0.00	0.00	7,255,768.93	2,018,580.68		
Top Production (14-7- - plan misses target center by 0.32usft at 9129.69usft MD (8834.11 TVD, -41.47 N, -855.73 E) - Point	0.00	0.00	8,834.00	-41.46	-855.42	7,255,774.83	2,016,021.01	40° 13' 52.410 N	110° 9' 16.680 W
T.D.-PBHL (14-7-3-2V - plan misses target center by 0.55usft at 13050.66usft MD (9035.41 TVD, 3874.07 N, -873.50 E) - Point	0.00	0.00	9,035.00	3,874.09	-873.12	7,259,689.66	2,015,944.28	40° 14' 31.106 N	110° 9' 16.910 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
8,478.26	8,384.00	CASING PT.	0	0

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
8,424.62	8,330.36	Lower Black Shale		2.80	0.00
8,887.32	8,744.14	Uteland Butte Top		2.80	0.00
9,127.19	8,833.85	Landing Target (84.2°)		2.80	0.00



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 14-7-3-2WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5189'+ 28'= 5,217'MSL) @ 5217.00usft (RIG (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5189'+ 28'= 5,217'MSL) @ 5217.00usft (RIG (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	14-7-3-2WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-7-3-2WH		
Design:	14-7-3-2WH Rev00		

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	Start 1345 ft. Tangent at 1500 MD- TVD
2,845.00	2,845.00	0.00	0.00	Nudge KOP- Build Rate= 1.50°/100' MD
3,645.10	3,639.26	-36.99	-74.85	EOB-Start 3778 ft. Tangent at 3645 MD
7,423.16	7,334.74	-385.01	-779.15	Nudge Drop Rate= -1.50°/100' MD
8,223.26	8,129.00	-422.00	-854.00	Nudge Vert. Pt.= 8223 MD- 8129 TVD
8,423.26	8,329.00	-422.00	-854.00	Start 50 ft. Tangent at 8423 MD- 8329 TVD
8,473.26	8,379.00	-422.00	-854.00	Start 35 ft. Tangent at 8473 MD- 8379 TVD
8,508.26	8,414.00	-422.00	-854.00	Curve KOP- Build Rate= 13.57°/100' MD
9,128.65	8,834.00	-42.50	-855.72	Landing Pt.(84.20°)= 9129 MD- 8834 TVD
9,266.65	8,847.95	94.79	-856.35	Curve Build Rate= 3.00°/100' MD
9,366.65	8,855.44	194.49	-856.80	Horz. Landing Pt.(87.20°)= 9367 MD- 8855 TVD
13,050.68	9,035.41	3,874.09	-873.50	T.D.-PBHL= 13051 MD- 9035 TVD

CONFIDENTIAL

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 Tommy 14-7-3-2WH well with a surface location to be positioned in the SWSE of Section 7, Township 3 South, Range 2 West (the “Drillsite Location”), with a well bore point of entry in the SESW of Section 7, Township 3 South, Range 2 West and a bottom hole location to be positioned in the NENW of Section 7, Township 3 South, Range 2 West, Duchesne County, Utah. The surface owner of the Drillsite Location is E. Leon Sprouse whose address is P.O. Box 315, Neola, UT 84053 (“Surface Owner”).
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated July 8, 2011 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

CONFIDENTIAL

ACKNOWLEDGEMENT

STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 11th day of December, 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.

**CHRISTIAN CABRIN SIZEMORE
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20134036083
MY COMMISSION EXPIRES JUNE 10, 2017**

NOTARY PUBLIC

My Commission Expires:

NEWFIELD



November 18, 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: 14-7-3-2WH

Dear Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the 14-7-3-2WH from a surface location of 692' FSL and 2364' FEL of Section 7, T3S R2W, to a bottom hole location of 660' FNL and 1980' FWL of Section 7, T3S R2W.

The 14-7-3-2WH is covered by Order No. 139-90, which requires no portion of the producing interval of the wellbore 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 14-7-3-2WH is 660' FSL and 1980' FWL of Section 7, T3S R2W. Newfield shall case and cement the 14-7-3-2WH 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 of Section 18, T3S R2W, and shall file the appropriate application with the State. The bottom hole location of the 14-7-3-2WH is 660' FNL and 1980' FWL of Section 7, T3S R2W, which is within the legal setback.

In further compliance of the above referenced Order, Newfield has 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. Both the surface location and bottom hole location are located within 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 14-7-3-2WH.

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 "R.N. Miller II".

Robert N. Miller II
Landman

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT FOR

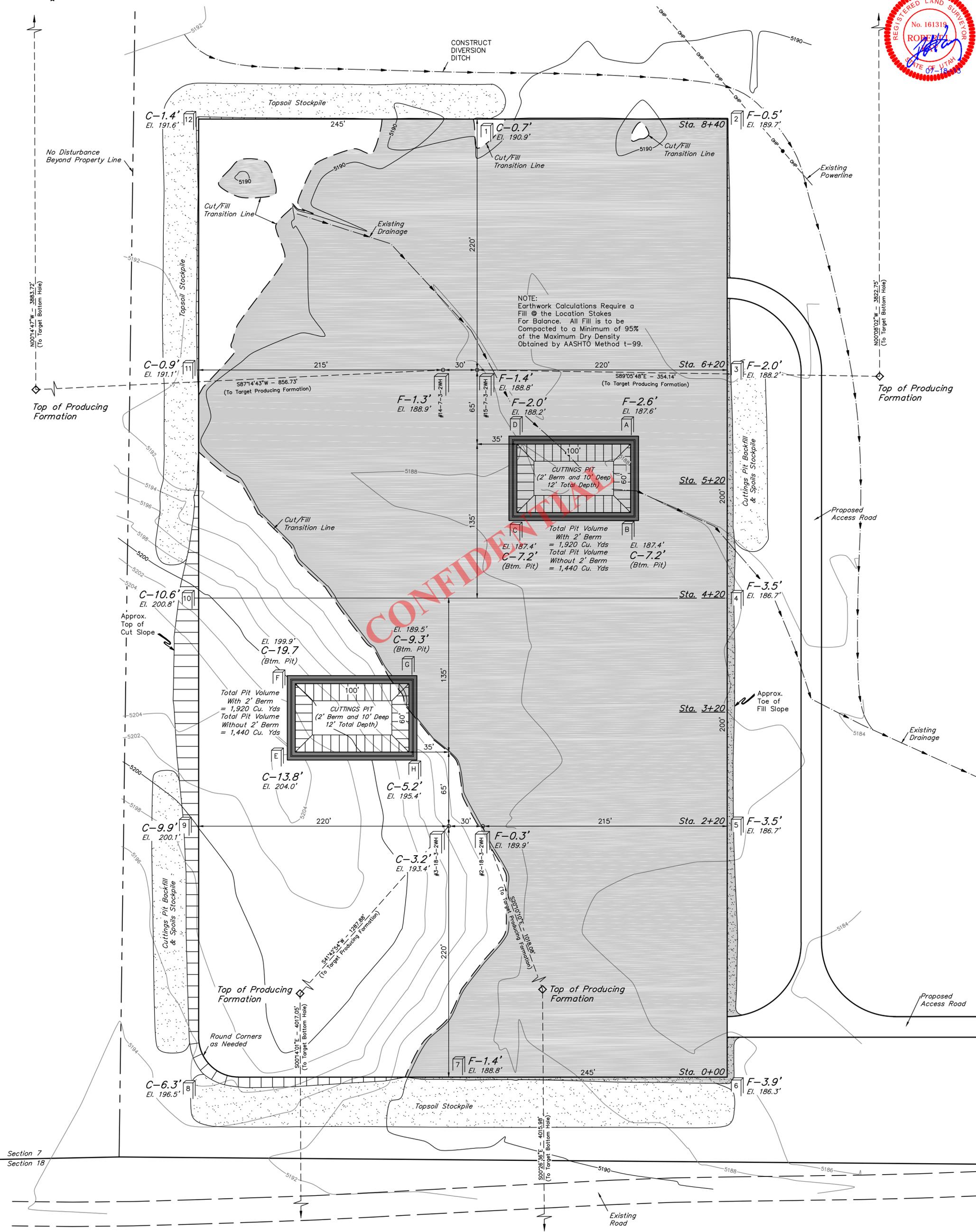
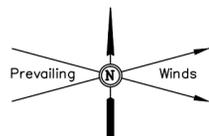
#15-7-3-2 WELL PAD FOR #3-18-3-2WH, #2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 50'

DATE: 05-10-13

DRAWN BY: C.A.G.



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.

CUTTINGS PIT
(2' Berm and 10' Deep
12' Total Depth)

Total Pit Volume With 2' Berm = 1,920 Cu. Yds	Total Pit Volume Without 2' Berm (Btm. Pit) = 1,440 Cu. Yds
---	--

CUTTINGS PIT
(2' Berm and 10' Deep
12' Total Depth)

Total Pit Volume With 2' Berm = 1,920 Cu. Yds	Total Pit Volume Without 2' Berm (Btm. Pit) = 1,440 Cu. Yds
---	--

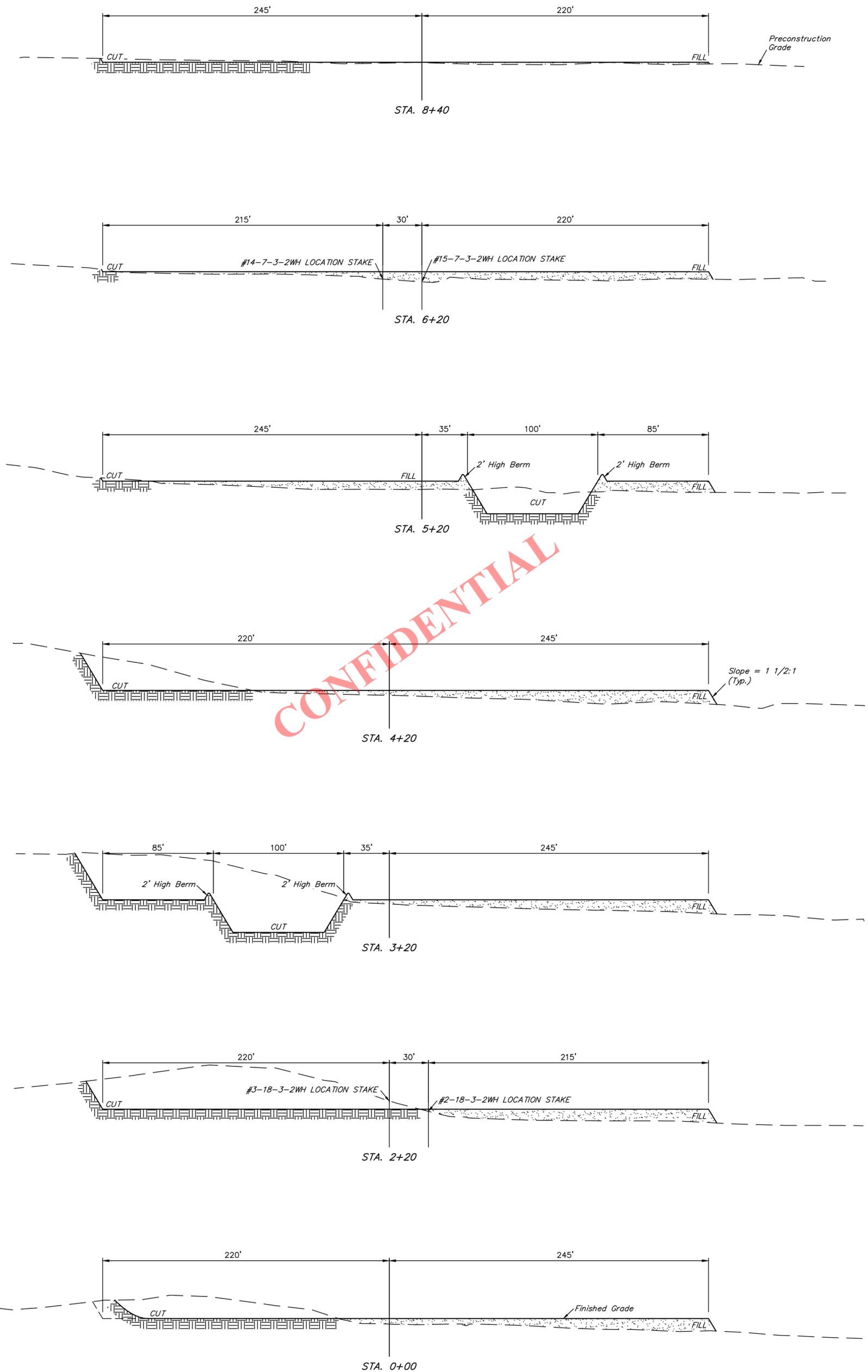
Elev. Ungraded Ground At #3-18-3-2WH Loc. Stake = 5193.4'
FINISHED GRADE ELEV. AT #3-18-3-2WH LOC. STAKE = 5190.2'

NEWFIELD EXPLORATION COMPANY

TYPICAL CROSS SECTIONS FOR
 #15-7-3-2 WELL PAD FOR #3-18-3-2WH, #2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
 SECTION 7, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

FIGURE #2

1" = 20'
 X-Section Scale
 1" = 50'
 DATE: 05-10-13
 DRAWN BY: C.A.G.



CONFIDENTIAL

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 7,510 Cu. Yds.
 Remaining Location = 31,390 Cu. Yds.
TOTAL CUT = 38,900 CU. YDS.
FILL = 28,510 CU. YDS.

EXCESS MATERIAL = 10,390 Cu. Yds.
 Topsoil & Pit Backfill = 10,390 Cu. Yds.
 (Pit Vol. W/O 2' Berm)
 EXCESS UNBALANCE = 0 Cu. Yds.
 (After Interim Rehabilitation)

APPROXIMATE ACREAGE
 WELL SITE DISTURBANCE = ± 12.574 ACRES
 ACCESS ROAD DISTURBANCE = ± 0.747 ACRES
 PIPELINE DISTURBANCE = ± 0.545 ACRES
TOTAL = ± 13.866 ACRES

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

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

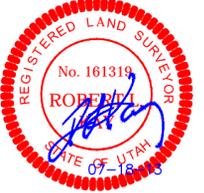
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT FOR

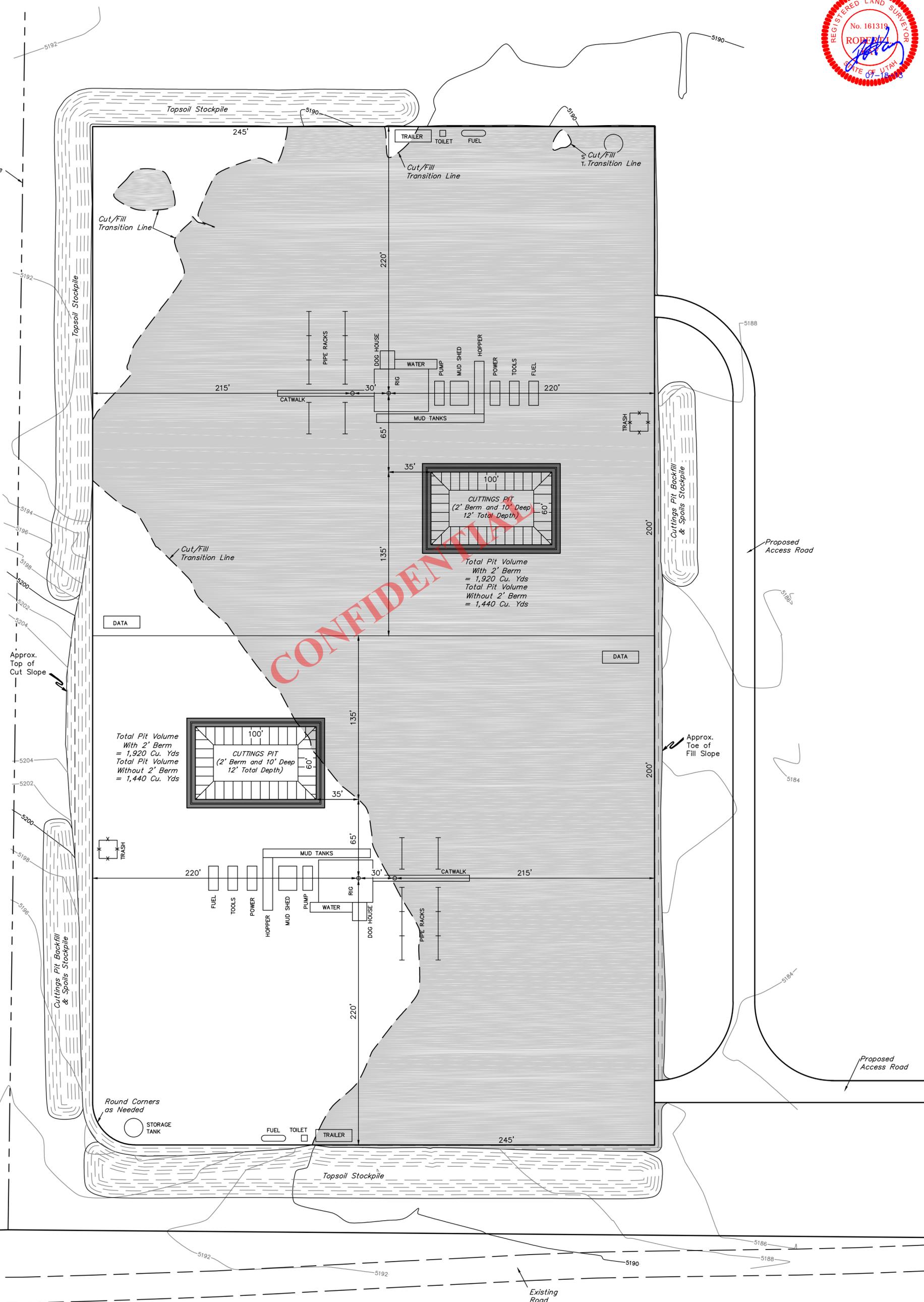
#15-7-3-2 WELL PAD FOR #3-18-3-2WH, #2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #3

SCALE: 1" = 50'
DATE: 05-10-13
DRAWN BY: C.A.G.



No Disturbance Beyond Property Line



CONFIDENTIAL

CUTTINGS PIT
(2' Berm and 10' Deep
12' Total Depth)
Total Pit Volume
With 2' Berm
= 1,920 Cu. Yds
Total Pit Volume
Without 2' Berm
= 1,440 Cu. Yds

Total Pit Volume
With 2' Berm
= 1,920 Cu. Yds
Total Pit Volume
Without 2' Berm
= 1,440 Cu. Yds

Section 7
Section 18

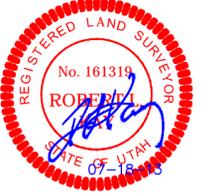
NEWFIELD EXPLORATION COMPANY

PRODUCTION FACILITY LAYOUT FOR

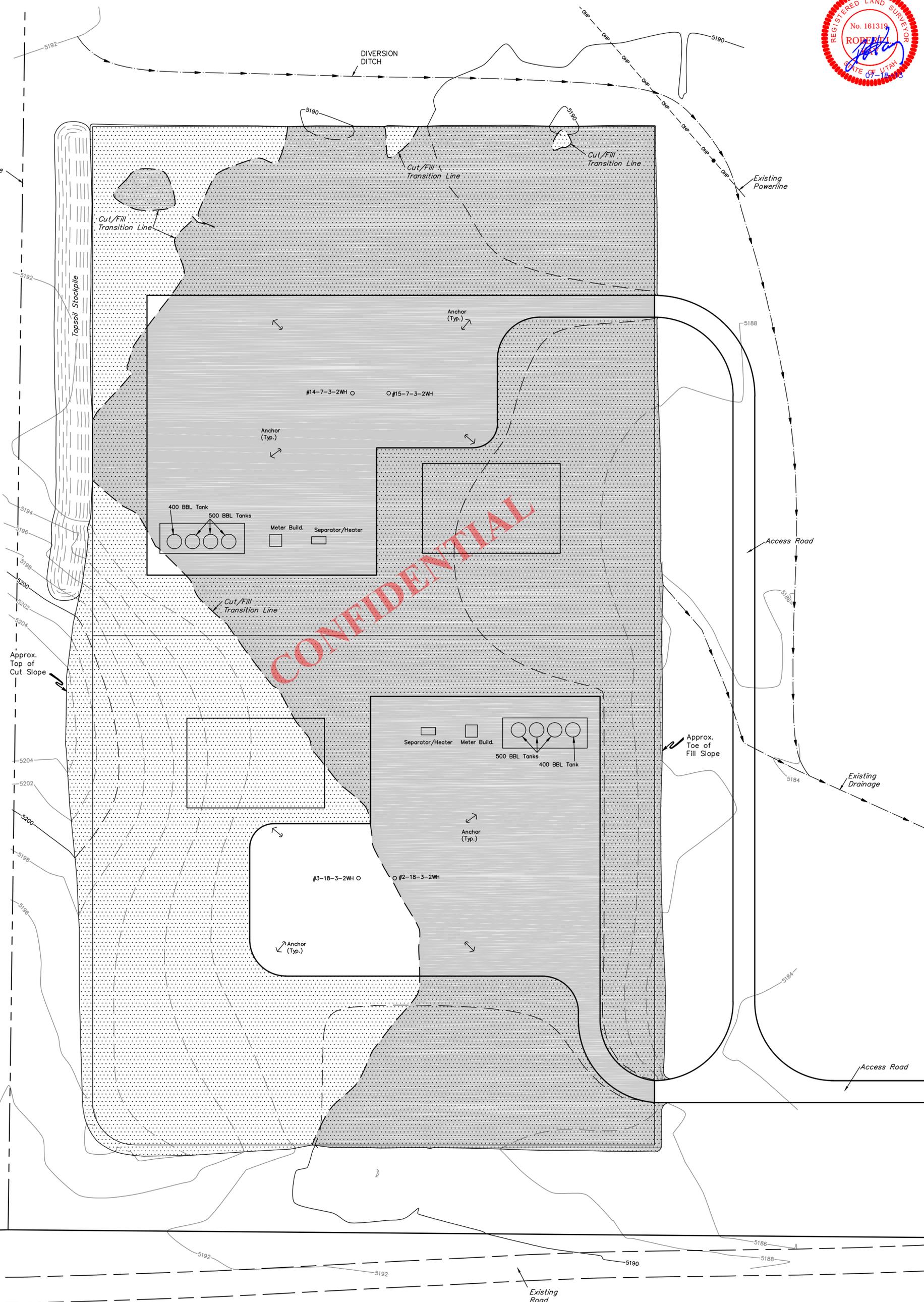
#15-7-3-2 WELL PAD FOR #3-18-3-2WH, #2-18-3-2WH, #14-7-3-2WH & #15-7-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #4

SCALE: 1" = 50'
DATE: 05-10-13
DRAWN BY: C.A.G.



No Disturbance Beyond Property Line



Section 7
Section 18

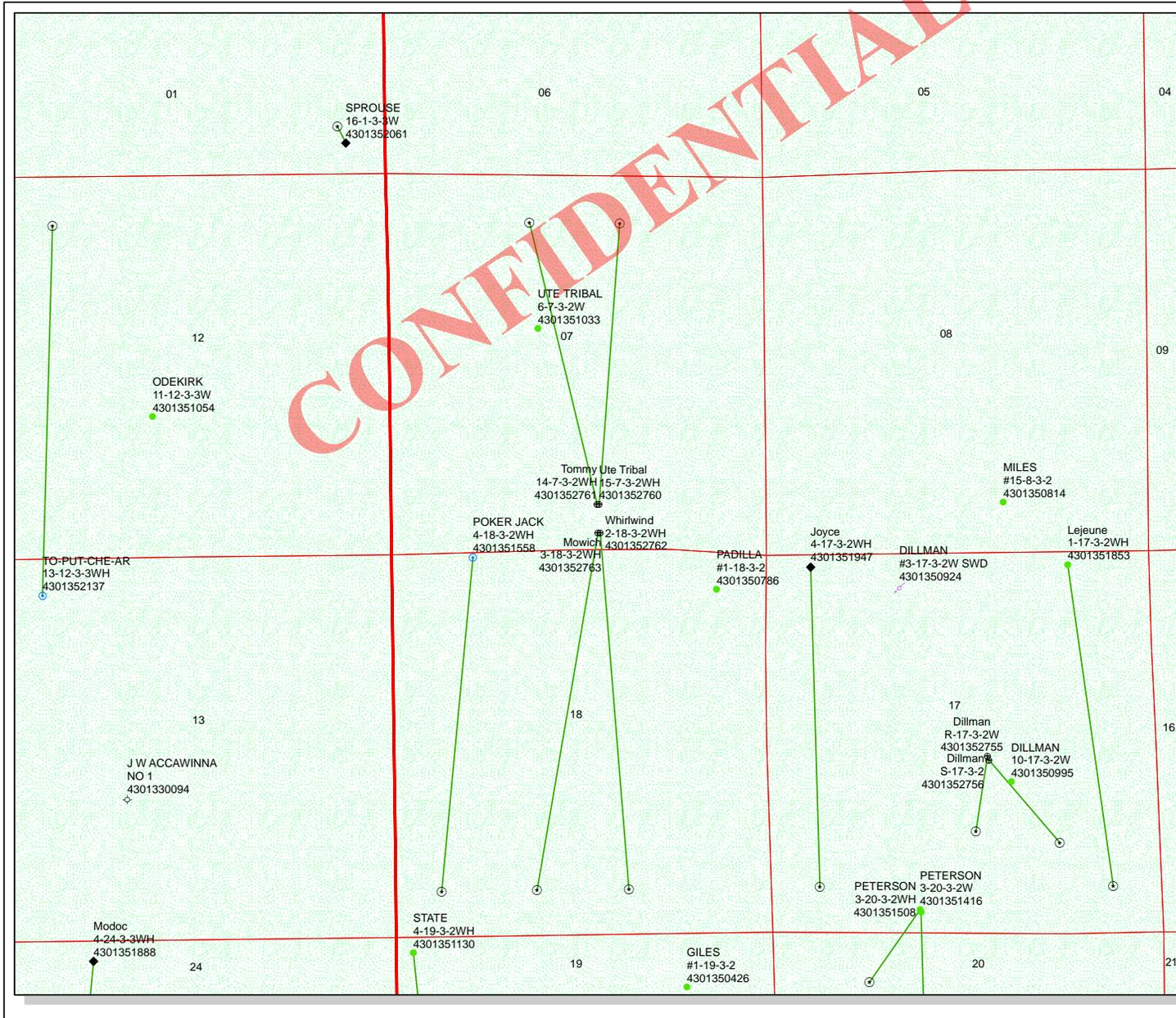
RECLAIMED AREA

APPROXIMATE ACREAGE
UN-RECLAIMED = ± 2.697 ACRES

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

RECEIVED: December 23, 2013

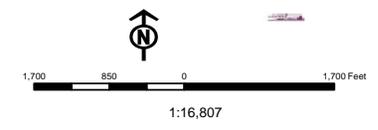
CONFIDENTIAL



API Number: 4301352761
Well Name: Tommy 14-7-3-2WH
 Township: T03.0S Range: R02.0W Section: 07 Meridian: U
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 12/27/2013
 Map Produced by Diana Mason

Wells Query		Units	
Status	Symbol	STATUS	Symbol
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	⊕		
TW - Test Well	○	Fields	STATUS
WDW - Water Disposal	⊕	Unknown	▨
WW - Water Injection Well	⊕	ABANDONED	▨
WSW - Water Supply Well	⊕	ACTIVE	▨
		COMBINED	▨
		INACTIVE	▨
		STORAGE	▨
		TERMINATED	▨



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Tommy 14-7-3-2WH
API Number 43013527610000 **APD No** 9239 **Field/Unit** NORTH MYTON BENCH
Location: 1/4,1/4 SWSE Sec 7 Tw 3.0S Rng 2.0W 692 FSL 2364 FEL
GPS Coord (UTM) **Surface Owner** Leon E. Sprouse

Participants

Jim Burns _ Star Point; Corie Miller - NFX; David Gordon - BLM

Regional/Local Setting & Topography

The general area is approximately 10.3 road miles southwest of Roosevelt and 4 air miles west of Myton, Duchesne County, UT. The site is within bottomlands formed by the Duchesne and Lake Fork Rivers, which join approximately 3 ½ miles southeast of the location. Topography is broad gentle bottomlands bordered on the west by gentle to steep sloping side-hills. Much of the bottomlands are used for agriculture. Access is by State, County and planned oil field development roads. The site is located on and will be cut out of a small butte. The North Myton Bench is immediately adjacent North. The edges of the Bench has numerous springs and a riparian area is found at its bottom. The footprint of the pad just misses disturbing this area. Three drainages cross the footprint of the location and will need to be diverted. The soils are highly erodible and clayey with sodic crusts. The water table is rather high and covered in Greasewood. The stability of the soils are suspect for the intended purpose. Operator has been capping locations with cementitious fly ash. I was assured this location will be treated with the same.

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	Width 490 Length 880	Offsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands Y

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;

Greasewood

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie

dogs or rabbits, though none were observed.

Soil Type and Characteristics

light colored clayey sodic soil

Erosion Issues Y

highly eroded soils

Sedimentation Issues Y

Site Stability Issues Y

high water table

Drainage Diversion Required? Y

Berm Required? Y

Erosion Sedimentation Control Required? Y

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

Reserve Pit

Site-Specific Factors	Site Ranking
Distance to Groundwater (feet)	20
Distance to Surface Water (feet)	20
Dist. Nearest Municipal Well (ft) >5280	0
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)	0
Affected Populations	
Presence Nearby Utility Conduits Not Present	0
Final Score	85 1 Sensitivity Level

Characteristics / Requirements

operator plans a cuttings pit for this location with Oil based drilling mud

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

Other Observations / Comments

High water table.

In a floodplain.

Location needs 3 diversions and I have stability concerns.

Location cut into a hill with 10 feet cut walls. Would like to see inside berm to direct water flows

Chris Jensen
Evaluator

1/15/2014
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
9239	43013527610000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Leon E. Sprouse	
Well Name	Tommy 14-7-3-2WH		Unit		
Field	NORTH MYTON BENCH		Type of Work	DRILL	
Location	SWSE 7 3S 2W U 692 FSL 2364 FEL GPS Coord (UTM) 572185E 4453761N				

Geologic Statement of Basis

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

Brad Hill
APD Evaluator

1/27/2014
Date / Time

Surface Statement of Basis

Location is proposed in a good location although outside the spacing window. Common for horizontally drilled wells. There will be 4 wells on this one large pad. Access road enters the pad from the East. The landowner was not in attendance for the pre-site inspection. The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions as it is proposed within a floodplain below the North Myton Bench. High water table suggest stability problems.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Plans lack measures for importing materials, using a geogrid or compacting native soils to improve stability but, Operator representatives mentioned that fly ash capping is now common for wells of this type in the region. Deep cut slopes are planned under areas planned to support a bank of storage tanks. Operator has not submitted plans for the protection of slopes. An inside Berm to be constructed from corner 7 to corner 11

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A riparian area can be found adjacent the site to the North. 3 drainages run throught e location that will need to be diverted. The location was not 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. Diversions are to be built sufficient to conduct overland or channel flow from natural channels west and North of the pad and reintroduce flows back into the natural channel offsite. Care to be taken that diversion of water does not impact or erode topsoil pile near corner 12 or topsoils will need to be stored elsewhere onsite.

Chris Jensen
Onsite Evaluator

1/15/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

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WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/23/2013

API NO. ASSIGNED: 43013527610000

WELL NAME: Tommy 14-7-3-2WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SWSE 07 030S 020W

Permit Tech Review:

SURFACE: 0692 FSL 2364 FEL

Engineering Review:

BOTTOM: 0660 FNL 1980 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.23117

LONGITUDE: -110.15148

UTM SURF EASTINGS: 572185.00

NORTHINGS: 4453761.00

FIELD NAME: NORTH MYTON BENCH

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6269

PROPOSED PRODUCING FORMATION(S): UTELAND BUTTE

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - WYB000493
- 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 Wells Per 640 Acre
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
27 - Other - bhll



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Tommy 14-7-3-2WH
API Well Number: 43013527610000
Lease Number: 14-20-H62-6269
Surface Owner: FEE (PRIVATE)
Approval Date: 1/28/2014

Issued to:

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

Authority:

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

General:

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

Conditions of Approval:

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

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.

Notification Requirements:

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

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

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

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

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

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

RECEIVED
JUL 07 2014
DIV OF OIL, GAS & MINING

RECEIVED

DEC 12 2013

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
1420H626269

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

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

8. Lease Name and Well No.
TOMMY 14-7-3-2WH

9. API Well No.
4301352761

10. Field and Pool, or Exploratory
UNDESIGNATED

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 7 T3S R2W Mer UBM
SME: FEE

12. County or Parish
DUCHESNE

13. State
UT

17. Spacing Unit dedicated to this well
40.00

20. BLM/BIA Bond No. on file
RLB0010473

23. Estimated duration
120 DAYS

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY
Contact: DON HAMILTON
Email: starpoint@etv.net

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SWSE 692FSL 2364FEL 40.231339 N Lat, 110.151569 W Lon
At proposed prod. zone NENW 660FNL 1980FWL 40.231339 N Lat, 110.151569 W Lon

14. Distance in miles and direction from nearest town or post office*
6.3 MILES NORTHWEST OF MYTON UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
692

16. No. of Acres in Lease
4130.84

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

19. Proposed Depth
13050 MD
9035 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.)
5189 GL

22. Approximate date work will start
06/15/2014

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.
- 2. A Drilling Plan.
- 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).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 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 HAMILTON Ph: 435-719-2018 Date 12/16/2013

Title PERMITTING AGENT

Approved by (Signature) Name (Printed/Typed) Jerry Kenczka Date JUL 02 2014

Title Assistant Field Manager 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 #229717 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE BUHLER on 12/18/2013 (14LBB1523AE)

NOTICE OF APPROVAL

UDOGM

** BLM REVISED **

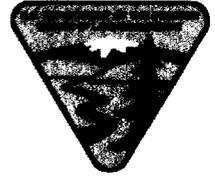


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

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: TOMMY 14-7-3-2WH
API No: 43-013-52761

Location: SWSE, Sec. 7, 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.

Well Name & Number: Ute Tribal 15-7-3-2WH, Tommy 14-7-3-2WH,
Mowich 3-18-3-2WH, and Whirlwind 2-18-3-2WH.

CONDITIONS OF APPROVAL

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

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

SITE SPECIFIC DOWNHOLE COAs:

APD_COA DOWNHOLE

- Intermediate casing (size casing 9 5/8 inch) cement shall be brought up and into the surface.
- It is advised that an excess factor larger than the operators proposed value be utilized.
- Surface casing cement shall be brought to surface.

pgmMud Mud Oil based (contingency in operators drilling program)

pgmMud Mud Oil based (mud Programd is operators standby contingency option)

- Drip pans shall be installed below the rotary beams on the substructure of the drilling rig.
- For the portion of the hole drilled with oil based mud, mud vacuums shall be required on the rig floor to keep the rig clean.
- 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 oil based mud cuttings.

APPLICABLE WELLS:

(15-7-3-2)

1420H626237

Mowich 3-18-3-2WH

1420H626269

Tommy 14-7-3-2WH

1420H626187

Sam 15-23-3-3WH

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6269	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ANDRE 14-7-6-3-2WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013527610000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0692 FSL 2364 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/29/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

This sundry notice is being submitted to request an extension to this APD that expires on 1/28/2015.

Approved by the
November 10, 2014
Oil, Gas and Mining

Date: _____

By:

NAME (PLEASE PRINT) Melissa Luke	PHONE NUMBER 303 323-9769	TITLE Regulatory Technician
SIGNATURE N/A	DATE 11/7/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013527610000

API: 43013527610000

Well Name: Tommy 14-7-3-2WH

Location: 0692 FSL 2364 FEL QTR SWSE SEC 07 TWNP 030S RNG 020W MER U

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 1/28/2014

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

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Melissa Luke

Date: 11/7/2014

Title: Regulatory Technician Representing: NEWFIELD PRODUCTION COMPANY

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: 14-20-H62-6269	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:	8. WELL NAME and NUMBER: ANDRE 14-7-6-3-2WH
1. TYPE OF WELL Oil Well	9. API NUMBER: 43013527610000
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
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: 0692 FSL 2364 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/1/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input 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
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	<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 bottom hole location for the Tommy 14-7-3-2WH be changed to 195' FNL, 1980' FWL Sec. 6 T3S R2W, the bottom of producing interval will be located at 330' FNL, 1980' FWL Sec. 6 T3S R2W, and that the well name be changed to the Andre 14-7-6-3-2WH (a 640 horizontal lateral well to a 1280 horizontal lateral well). Attached please find an updated plat package, drilling plan, horizontal plan and horizontal letter reflecting these changes. The surface location of the proposed well remains unchanged. This 1280 well is covered under approved spacing order 139-113.

Approved by the
 November 10, 2014
 Oil, Gas and Mining

Date: _____

By:

NAME (PLEASE PRINT) Melissa Luke	PHONE NUMBER 303 323-9769	TITLE Regulatory Technician
SIGNATURE N/A	DATE 10/16/2014	

NEWFIELD



October 9, 2014

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: Andre 14-7-6-3-2WH

Dear Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the Andre 14-7-6-3-2WH from a surface location of 692' FSL and 2364' FEL of Section 7, T3S R2W, to a bottom hole location of 195' FNL and 1980' FWL of Section 6, T3S R2W.

The Andre 14-7-6-3-2WH is covered by Order No. 139-113, which requires no portion of the producing interval of the wellbore be closer than 330' 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 Andre 14-7-6-3-2WH is 330' FSL and 1980' FWL of Section 7, T3S R2W. Newfield shall case and cement the Andre 14-7-6-3-2WH 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 of Section 18, T3S R2W, and shall file the appropriate application with the State. The bottom of the producing interval of the Andre 14-7-6-3-2WH is 330' FNL and 1980' FWL of Section 6, T3S R2W, which is within the legal setback.

In further compliance of the above referenced Order, Newfield has 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. Both the surface location and bottom hole location are located within the drilling unit.

Based on Newfield's compliance with the requirements of Order No. 139-113, Newfield respectfully requests the approval of our APD for the Andre 14-7-6-3-2WH.

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,

Robert N. Miller II
Landman

NEWFIELD EXPLORATION COMPANY

#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW,
#15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 7, T3S, R2W, U.S.B.&M.



PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -



Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

07 15 13
MONTH DAY YEAR

PHOTO

TAKEN BY: M.A.

DRAWN BY: S.O.

REV:09-08-14 M.M.

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

NEWFIELD EXPLORATION COMPANY

Well location, #14-7-6-3-2WH, located as shown in the SW 1/4 SE 1/4 of Section 7, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

LEGEND:

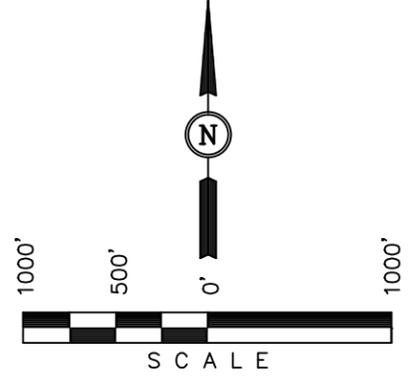
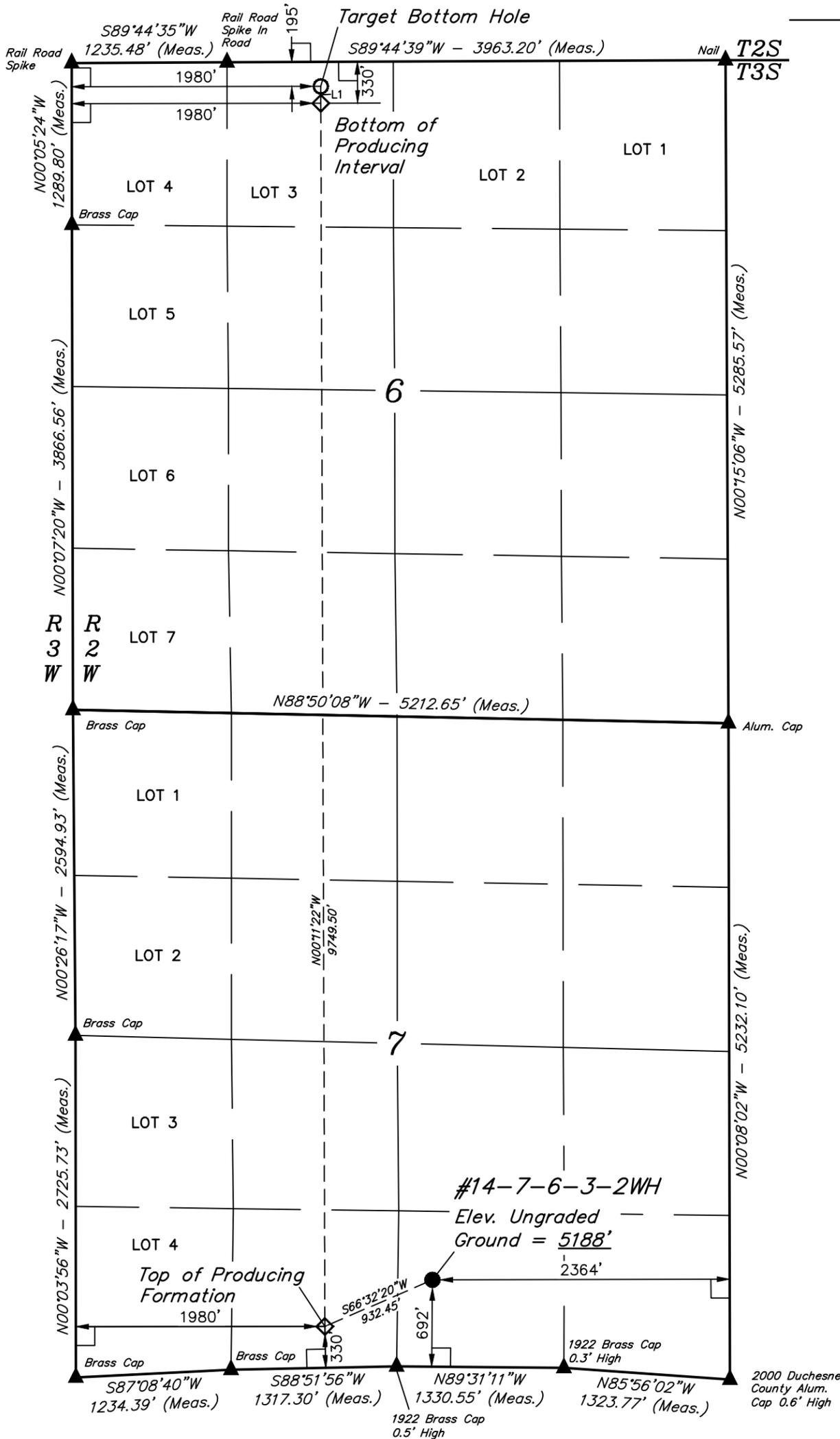
- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

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°13'52.82" (40.231339)
LONGITUDE	= 110°09'05.65" (110.151569)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°13'52.97" (40.231381)
LONGITUDE	= 110°09'03.10" (110.150861)
NAD 83 (TOP OF PRODUCING FORMATION)	
LATITUDE	= 40°13'49.15" (40.230319)
LONGITUDE	= 110°09'16.67" (110.154631)
NAD 27 (TOP OF PRODUCING FORMATION)	
LATITUDE	= 40°13'49.30" (40.230361)
LONGITUDE	= 110°09'14.13" (110.153925)
NAD 83 (BOTTOM OF PRODUCING INTERVAL)	
LATITUDE	= 40°15'25.47" (40.257075)
LONGITUDE	= 110°09'17.13" (110.154758)
NAD 27 (BOTTOM OF PRODUCING INTERVAL)	
LATITUDE	= 40°15'25.62" (40.257117)
LONGITUDE	= 110°09'14.59" (110.154053)
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE	= 40°15'26.80" (40.257444)
LONGITUDE	= 110°09'17.14" (110.154761)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE	= 40°15'26.95" (40.257486)
LONGITUDE	= 110°09'14.59" (110.154053)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°05'24"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.

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

REVISED: 09-02-14 S.F.

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

SCALE 1" = 1000'	DATE SURVEYED: 04-25-13	DATE DRAWN: 06-19-13
PARTY M.A. C.K. C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE NEWFIELD EXPLORATION COMPANY	

Plat depiction including Lease Numbers

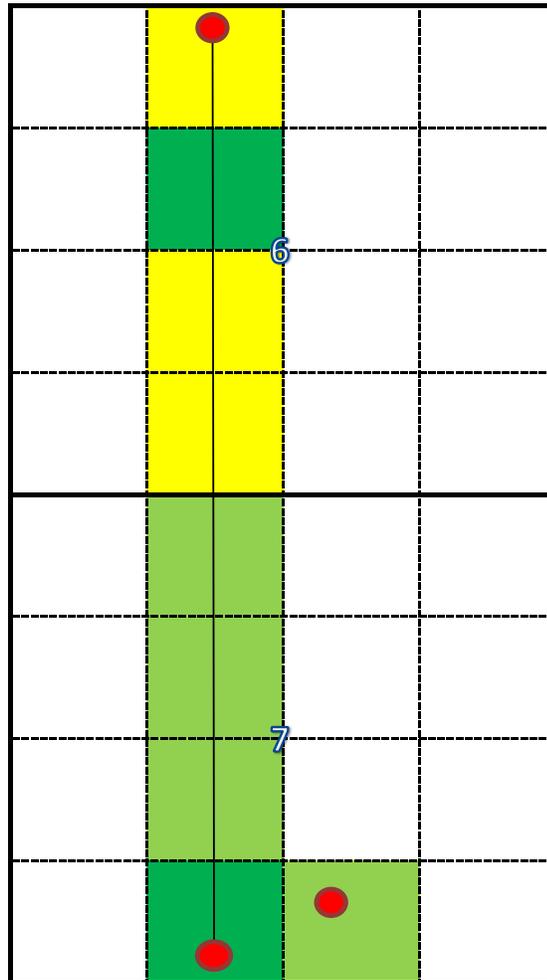
Andre 14-7-6-3-2WH

SHL 692' FSL & 2364' FEL of Section 7

Top of Producing Interval 330' FSL & 1980' FWL of Section 7

Bottom of Producing Interval 330' FNL & 1980' FWL of Section 6

BHL 195' FNL & 1980' FWL of Section 6



Lessor: Fee Simple Interest
Legal: Sec. 6 NENW

Lease: 14-20-H62-5930
Lessor: Heirs of LUCETA JACK RABBIT
Legal: Sec 6 SENW

Lessor: Fee Simple Interest
Legal: Sec. 6 E2SW

Lease: 14-20-H62-6236
Lessor: Heirs of TOMMY MOWITCH
Legal: Sec. 7 SESW

Lease: 14-20-H62-6269
Lessor: Ute Indian Tribe
& Ute Distribution Corp
Legal: Sec. 7 SWSE, E2NW, NESW

-  **Fee Simple or State Minerals**
-  **Allotted Trust Minerals**
-  **Ute Tribe Trust Minerals**
-  **Federal Minerals**

Newfield Production Company
14-7-6-3-2WH

Surface Hole Location: 692' FSL, 2364' FEL, Section 7, T3S, R2W
Bottom Hole Location: 195' FNL, 1980' FWL, Section 6, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,650'
Garden Gulch	6,487'
Uteland Butte Member	8,767'
Lateral TD	9,307' TVD / 19,286' MD

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

Base of moderately saline	1,787'	(water)
Green River	6,487' - 8,767'	(oil)
Uteland Butte Member	8,767' - 9,307'	(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'	8,350' 8,514'	40	N-80	BTC	10	10.5	16	2.89	2.63	6.29
Production 5 1/2	0'	9,307' 19,286'	20	P-110	BTC	14	14.5	17	5,750	3,090	916,000
									1.31	1.36	2.74
									12,360	11,080	641,000
									2.30	1.97	1.66

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 4,175'

Intermediate csg run from surface to 8,350' TVD 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'	Type V Cement + 16% Bentonite + 10 lbs/sk Kol Seal + 3% NaCl	799	15%	12.0	2.86
				279			
Surface Tail	17 1/2	500'	Type V Cement + 16% Bentonite + 10 lbs/sk Kol Seal + 3% NaCl	399	15%	14.0	1.4
				285			
Intermediate Lead	12 1/4	6,487'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2337	15%	11.0	3.53
				662			
Intermediate Tail	12 1/4	2,027'	50/50 Poz/Class G + 1% bentonite	730	15%	14.0	1.29
				566			
Production Lead	8 3/4	1,382'	Elastiseal Unfoamed	384	10%	17.3	1.84
				209			
Production Tail	8 3/4	9,890'	Elastiseal Foamed	2498	0%	14.5 - 17.3	1.84
				1358			

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 @ 9,396' MD

The first perforation will be within 19,151' MD

Per the directional plan, the portion of the planned wellbore in Sec. 18, T3S, R2W, which will be cased and cemented outside of the DSU and will not be perforated nor produced.

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' - 8,514' 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.

8,514' - 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.

$$9,307' \times 0.73 \text{ psi/ft} = 6775.5 \text{ psi}$$

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 8,464'. Directional tools will then be used to build to 87.40 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:

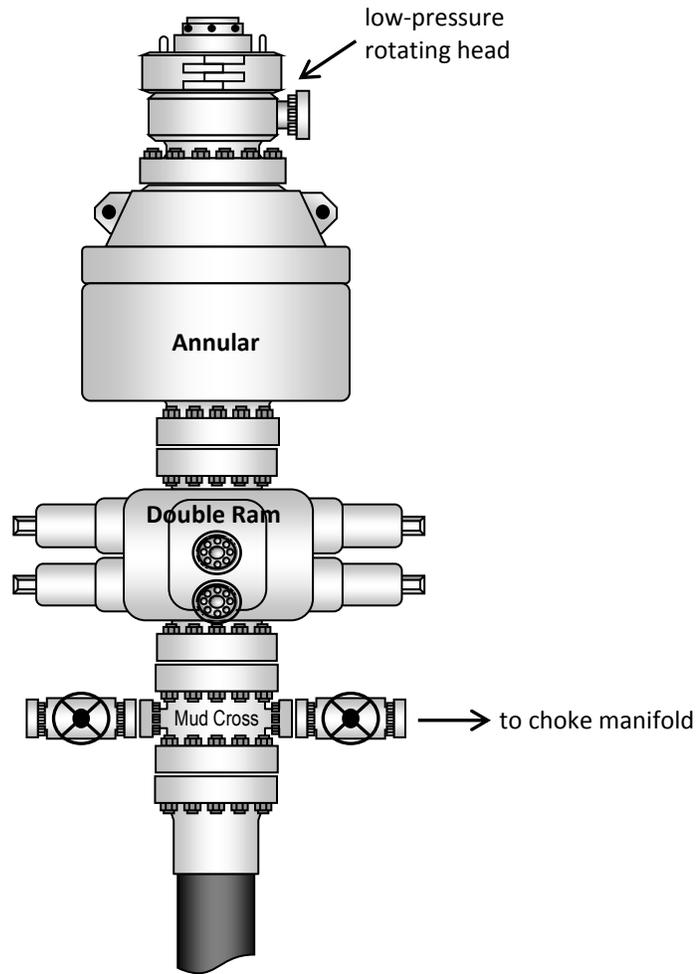
- Variance from Onshore Order #2, III.E.1
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used and Newfield owns the surface rights on the same drillsite at a location where construction is desired or Newfield has a written agreement with the surface owner authorizing such use of the drillsite, the cuttings may be used for well pad and/or road construction utilizing the approved 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 or on which it has a surface owner agreement and there mixed, utilizing the Firmus® process, with at least one additional chemical to manufacture a uncured cementitious mixture. The mixture will spontaneously harden within seven days after placement to form the desired structure. These structures will be reclaimed and the surface restored at the end of their use. Samples of the 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 closely as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the 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.

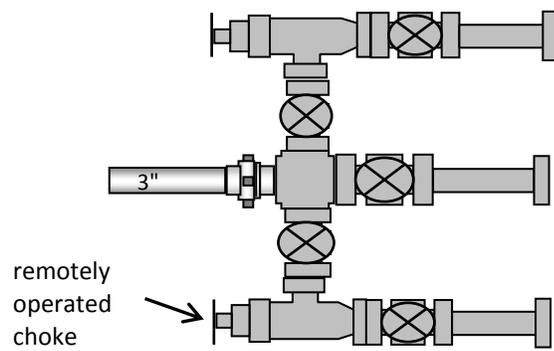
Water flows in the surface hole are likely. If the water flow is less than 400 bbls/hr, the well will be allowed to flow until the surface casing point is reached and water will be hauled off location. If the water flow is greater than 400 bbls/hr, the water flow will be controlled with kill weight mud 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

NEWFIELD

Field Name: *UTAH_ CENTRAL ZONE_ NAD83*
Site Name: *15-7-3-2 PAD*
Well Name: *14-7-6-3-2WH*
Plan: *PLAN 2*

12 September 2014



Field: UTAH_CENTRAL_ZONE_NAD83
 Map Unit: USFt Vertical Reference Datum (VRD):
 Projected Coordinate System: NAD83 / Utah Central (ftUS)

Site: 15-7-3-2 PAD
 Unit: USFeet TVD Reference:
 Company Name: NEWFIELD
 Position: Northing: 7255829.25USft Latitude: 40.231339°
 Easting: 2016875.84USft Longitude: -110.151569°
 North Reference: True Grid Convergence: 0.86°
 Elevation Above VRD: 5188.00USft
 Comment: DUCHESNE COUNTY, UT

Slot: 14-7-6-3-2WH
 Position:
 Offset is from Site centre
 +N/-S: 0.00USft Northing: 7255829.25USft Latitude: 40.231339°
 +E/-W: 0.00USft Easting: 2016875.84USft Longitude: -110.151569°
 Elevation Above VRD: 5188.00USft

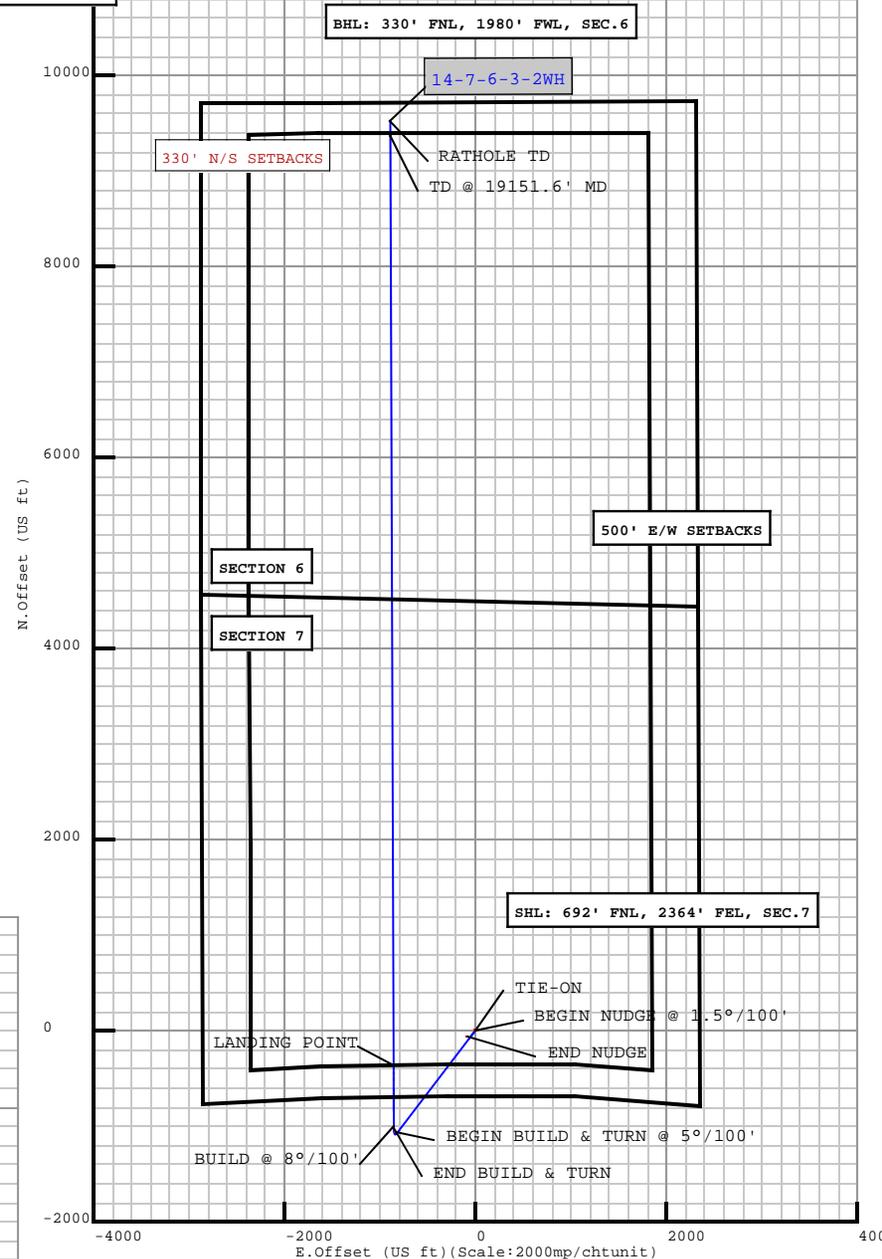
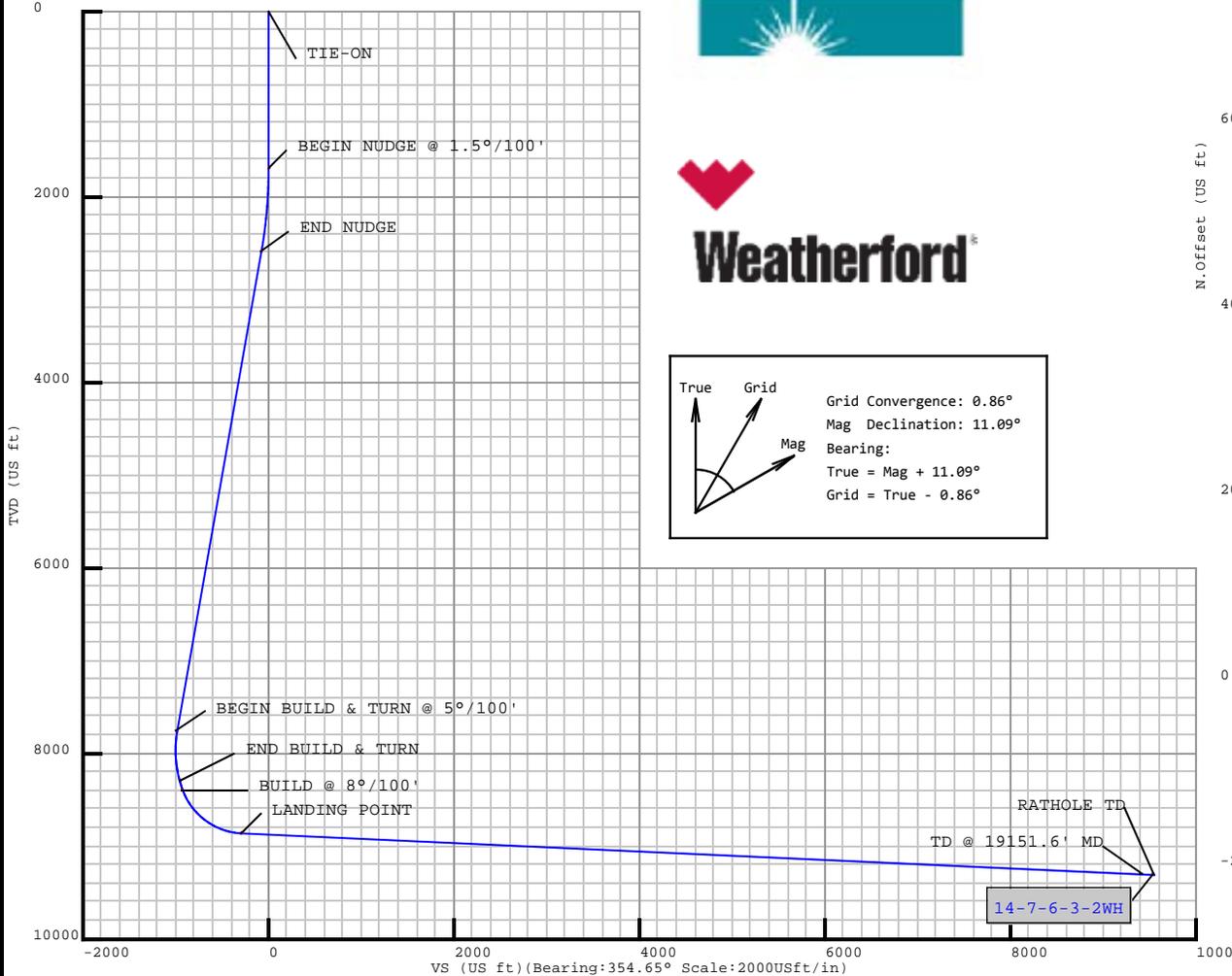
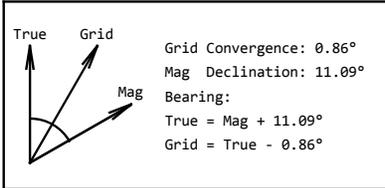
Well: 14-7-6-3-2WH
 Type: Main-Well
 File Number:
 Vertical Section: Position offset of origin from Slot centre:
 +N/-S: 0.00USft Azimuth: 354.65°
 +E/-W: 0.00USft
 Magnetic Parameters:
 Model: Field Strength: Declination: Dip: Date:
 BGGM 51965(nT) 11.09° 65.84° 2014-09-12
 Comment: PIONEER 44 (26' 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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2596.67	13.45	217.38	2588.45	-83.25	-63.60	-76.95	1.50	217.4	1.50	0.00
7907.22	13.45	217.38	7753.36	-1064.78	-813.50	-984.29	0.00	0.0	0.00	0.00
8464.43	16.00	359.80	8303.00	-1038.97	-853.91	-954.83	5.00	158.9	0.46	25.56
8568.43	21.20	359.80	8401.54	-1005.81	-854.02	-921.80	5.00	0.0	5.00	0.00
9395.93	87.40	359.80	8858.00	-370.58	-856.24	-289.13	8.00	0.0	8.00	0.00
19151.60	87.40	359.80	9301.00	9374.97	-890.01	9417.11	0.00	151.3	-0.00	0.00
19286.60	87.40	359.80	9307.13	9509.83	-890.48	9551.43	0.00	0.0	0.00	0.00

Target Set Information:
 Name: 14-7-6-3-2W PBHL (330'FNL & 1980'FWL, SEC.6)

Name	TVD	Lat	Long
(USft)	(°)	(°)	(°)
PBHL-1	9301.00	40.257075	-110.154758



5D Plan Report



14-7-6-3-2WH

Field Name UTAH_CENTRAL ZONE_NAD83	Map Units : US ft	Company Name : NEWFIELD		
	Vertical Reference Datum (VRD) :			
	Projected Coordinate System : NAD83 / Utah Central (ftUS)			
	Comment :			
Site Name 15-7-3-2 PAD	Units : US ft	North Reference : True	Convergence Angle : 0.86	
	Position	Northing : 7255829.25 US ft	Latitude : 40° 13' 52.82"	
		Easting : 2016875.84 US ft	Longitude : -110° 9' 5.65"	
	Elevation above VRD :5188.00 US ft			
	Comment : DUCHESNE COUNTY, UT			
Slot Name 14-7-6-3-2WH	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing :7255829.25 US ft	Latitude : 40°13'52.82"	
	+E / -W : 0.00 US ft	Easting :2016875.84 US ft	Longitude : -110°9'5.65"	
	Slot TVD Reference : Ground Elevation			
	Elevation above VRD : 5188.00 US ft			
	Comment :			
Well Name 14-7-6-3-2WH	Type : Main well	UWI :	Plan : PLAN 2	
	Rig Height <i>Drill Floor</i> : 26.00 US ft	Comment : PIONEER 44 (26' RKB)		
	Relative to VRD : 5214.00 US ft			
	Closure Distance : 9551.43 US ft	Closure Azimuth : 354.651°		
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft	Az :354.65°	
	Magnetic Parameters			
	Model : BGGM	Field Strength : 51965.7nT	Dec : 11.09°	Dip : 65.84°
				Date : 12/Sep/2014

5D Plan Report

Plan Archive					
Plan Folder	Date	Comment	Plans		
P1	11/Sep/2014		Plan PLAN 1 PLAN 2	Date 11/Sep/2014 12/Sep/2014	Comment

Target Set

Name : 14-7-6-3-2W PBHL (330'FNL & 1980'FWL, SEC.6) **Number of Targets :** 1

Comment :

TargetName: PBHL-1 Shape: Cuboid	Position (Relative to Slot centre)			
	+N / -S : 9374.97US ft	Northing : 7265189.73 US ft	Latitude : 40°15'25.47"	
	+E / -W : -890.01 US ft	Easting : 2015844.60US ft	Longitude : -110°9'17.13"	
	TVD (Drill Floor) : 9301.00 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

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)

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)	Clos.Az (°)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	TIE-ON
100.00	0.00	0.00	100.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
1300.00	0.00	0.00	1300.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)												
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)	Clos.Az (°)	Comment
1400.00	0.00	0.00	1400.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	40°13'52.82"	-110°9'5.65"	0.00	0.00	0.00	0.00	BEGIN NUDGE @ 1.5°/100'
1784.01	1.26	217.38	1784.00	-0.73	-0.56	40°13'52.81"	-110°9'5.66"	1.50	217.38	-0.68	217.38	Usable Water :
1800.00	1.50	217.38	1799.99	-1.04	-0.79	40°13'52.81"	-110°9'5.66"	1.50	0.00	-0.96	217.38	
1900.00	3.00	217.38	1899.91	-4.16	-3.18	40°13'52.78"	-110°9'5.69"	1.50	0.00	-3.85	217.38	
2000.00	4.50	217.38	1999.69	-9.36	-7.15	40°13'52.73"	-110°9'5.74"	1.50	0.00	-8.65	217.38	
2100.00	6.00	217.38	2099.27	-16.63	-12.70	40°13'52.66"	-110°9'5.81"	1.50	0.00	-15.37	217.38	
2200.00	7.50	217.38	2198.57	-25.97	-19.84	40°13'52.56"	-110°9'5.90"	1.50	0.00	-24.00	217.38	
2300.00	9.00	217.38	2297.54	-37.37	-28.55	40°13'52.45"	-110°9'6.02"	1.50	0.00	-34.54	217.38	
2400.00	10.50	217.38	2396.09	-50.83	-38.83	40°13'52.32"	-110°9'6.15"	1.50	0.00	-46.98	217.38	
2500.00	12.00	217.38	2494.16	-66.33	-50.67	40°13'52.16"	-110°9'6.30"	1.50	0.00	-61.31	217.38	
2596.67	13.45	217.38	2588.45	-83.25	-63.60	40°13'52.00"	-110°9'6.47"	1.50	0.00	-76.95	217.38	END NUDGE
2600.00	13.45	217.38	2591.70	-83.86	-64.07	40°13'51.99"	-110°9'6.47"	0.00	0.00	-77.52	217.38	
2700.00	13.45	217.38	2688.95	-102.35	-78.19	40°13'51.81"	-110°9'6.66"	0.00	0.00	-94.61	217.38	
2800.00	13.45	217.38	2786.21	-120.83	-92.31	40°13'51.63"	-110°9'6.84"	0.00	0.00	-111.69	217.38	
2900.00	13.45	217.38	2883.47	-139.31	-106.43	40°13'51.44"	-110°9'7.02"	0.00	0.00	-128.78	217.38	
3000.00	13.45	217.38	2980.73	-157.79	-120.56	40°13'51.26"	-110°9'7.20"	0.00	0.00	-145.87	217.38	
3100.00	13.45	217.38	3077.98	-176.28	-134.68	40°13'51.08"	-110°9'7.38"	0.00	0.00	-162.95	217.38	
3200.00	13.45	217.38	3175.24	-194.76	-148.80	40°13'50.90"	-110°9'7.57"	0.00	0.00	-180.04	217.38	
3300.00	13.45	217.38	3272.50	-213.24	-162.92	40°13'50.71"	-110°9'7.75"	0.00	0.00	-197.12	217.38	
3400.00	13.45	217.38	3369.75	-231.73	-177.04	40°13'50.53"	-110°9'7.93"	0.00	0.00	-214.21	217.38	
3500.00	13.45	217.38	3467.01	-250.21	-191.16	40°13'50.35"	-110°9'8.11"	0.00	0.00	-231.29	217.38	
3600.00	13.45	217.38	3564.27	-268.69	-205.28	40°13'50.16"	-110°9'8.30"	0.00	0.00	-248.38	217.38	
3671.70	13.45	217.38	3634.00	-281.94	-215.41	40°13'50.03"	-110°9'8.43"	0.00	0.00	-260.63	217.38	Green River Formation :
3700.00	13.45	217.38	3661.53	-287.17	-219.40	40°13'49.98"	-110°9'8.48"	0.00	0.00	-265.47	217.38	
3800.00	13.45	217.38	3758.78	-305.66	-233.52	40°13'49.80"	-110°9'8.66"	0.00	0.00	-282.55	217.38	
3900.00	13.45	217.38	3856.04	-324.14	-247.64	40°13'49.62"	-110°9'8.84"	0.00	0.00	-299.64	217.38	
4000.00	13.45	217.38	3953.30	-342.62	-261.76	40°13'49.43"	-110°9'9.02"	0.00	0.00	-316.72	217.38	
4100.00	13.45	217.38	4050.56	-361.10	-275.89	40°13'49.25"	-110°9'9.21"	0.00	0.00	-333.81	217.38	
4200.00	13.45	217.38	4147.81	-379.59	-290.01	40°13'49.07"	-110°9'9.39"	0.00	0.00	-350.89	217.38	
4300.00	13.45	217.38	4245.07	-398.07	-304.13	40°13'48.89"	-110°9'9.57"	0.00	0.00	-367.98	217.38	
4400.00	13.45	217.38	4342.33	-416.55	-318.25	40°13'48.70"	-110°9'9.75"	0.00	0.00	-385.06	217.38	
4500.00	13.45	217.38	4439.59	-435.04	-332.37	40°13'48.52"	-110°9'9.93"	0.00	0.00	-402.15	217.38	
4600.00	13.45	217.38	4536.84	-453.52	-346.49	40°13'48.34"	-110°9'10.12"	0.00	0.00	-419.24	217.38	
4700.00	13.45	217.38	4634.10	-472.00	-360.61	40°13'48.16"	-110°9'10.30"	0.00	0.00	-436.32	217.38	
4800.00	13.45	217.38	4731.36	-490.48	-374.73	40°13'47.97"	-110°9'10.48"	0.00	0.00	-453.41	217.38	
4900.00	13.45	217.38	4828.61	-508.97	-388.85	40°13'47.79"	-110°9'10.66"	0.00	0.00	-470.49	217.38	
5000.00	13.45	217.38	4925.87	-527.45	-402.97	40°13'47.61"	-110°9'10.84"	0.00	0.00	-487.58	217.38	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)												
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)	Clos. Az (°)	Comment
5100.00	13.45	217.38	5023.13	-545.93	-417.09	40°13'47.43"	-110°9'11.03"	0.00	0.00	-504.66	217.38	
5200.00	13.45	217.38	5120.39	-564.41	-431.22	40°13'47.24"	-110°9'11.21"	0.00	0.00	-521.75	217.38	
5300.00	13.45	217.38	5217.64	-582.90	-445.34	40°13'47.06"	-110°9'11.39"	0.00	0.00	-538.84	217.38	
5400.00	13.45	217.38	5314.90	-601.38	-459.46	40°13'46.88"	-110°9'11.57"	0.00	0.00	-555.92	217.38	
5500.00	13.45	217.38	5412.16	-619.86	-473.58	40°13'46.69"	-110°9'11.75"	0.00	0.00	-573.01	217.38	
5600.00	13.45	217.38	5509.42	-638.35	-487.70	40°13'46.51"	-110°9'11.94"	0.00	0.00	-590.09	217.38	
5638.64	13.45	217.38	5547.00	-645.49	-493.16	40°13'46.44"	-110°9'12.01"	0.00	0.00	-596.69	217.38	Trona :
5683.88	13.45	217.38	5591.00	-653.85	-499.54	40°13'46.36"	-110°9'12.09"	0.00	0.00	-604.42	217.38	Mahogany Bench :
5700.00	13.45	217.38	5606.67	-656.83	-501.82	40°13'46.33"	-110°9'12.12"	0.00	0.00	-607.18	217.38	
5800.00	13.45	217.38	5703.93	-675.31	-515.94	40°13'46.15"	-110°9'12.30"	0.00	0.00	-624.26	217.38	
5900.00	13.45	217.38	5801.19	-693.79	-530.06	40°13'45.96"	-110°9'12.48"	0.00	0.00	-641.35	217.38	
6000.00	13.45	217.38	5898.45	-712.28	-544.18	40°13'45.78"	-110°9'12.67"	0.00	0.00	-658.43	217.38	
6100.00	13.45	217.38	5995.70	-730.76	-558.30	40°13'45.60"	-110°9'12.85"	0.00	0.00	-675.52	217.38	
6200.00	13.45	217.38	6092.96	-749.24	-572.42	40°13'45.42"	-110°9'13.03"	0.00	0.00	-692.61	217.38	
6300.00	13.45	217.38	6190.22	-767.72	-586.55	40°13'45.23"	-110°9'13.21"	0.00	0.00	-709.69	217.38	
6400.00	13.45	217.38	6287.47	-786.21	-600.67	40°13'45.05"	-110°9'13.39"	0.00	0.00	-726.78	217.38	
6500.00	13.45	217.38	6384.73	-804.69	-614.79	40°13'44.87"	-110°9'13.58"	0.00	0.00	-743.86	217.38	
6563.00	13.45	217.38	6446.00	-816.33	-623.68	40°13'44.75"	-110°9'13.69"	0.00	0.00	-754.63	217.38	Garden Gulch Member :
6600.00	13.45	217.38	6481.99	-823.17	-628.91	40°13'44.69"	-110°9'13.76"	0.00	0.00	-760.95	217.38	
6700.00	13.45	217.38	6579.25	-841.66	-643.03	40°13'44.50"	-110°9'13.94"	0.00	0.00	-778.03	217.38	
6800.00	13.45	217.38	6676.50	-860.14	-657.15	40°13'44.32"	-110°9'14.12"	0.00	0.00	-795.12	217.38	
6829.30	13.45	217.38	6705.00	-865.55	-661.29	40°13'44.27"	-110°9'14.17"	0.00	0.00	-800.13	217.38	Garden Gulch Member-1 :
6900.00	13.45	217.38	6773.76	-878.62	-671.27	40°13'44.14"	-110°9'14.30"	0.00	0.00	-812.21	217.38	
7000.00	13.45	217.38	6871.02	-897.10	-685.39	40°13'43.95"	-110°9'14.49"	0.00	0.00	-829.29	217.38	
7001.01	13.45	217.38	6872.00	-897.29	-685.53	40°13'43.95"	-110°9'14.49"	0.00	0.00	-829.46	217.38	Garden Gulch Member-2 :
7100.00	13.45	217.38	6968.28	-915.59	-699.51	40°13'43.77"	-110°9'14.67"	0.00	0.00	-846.38	217.38	
7200.00	13.45	217.38	7065.53	-934.07	-713.63	40°13'43.59"	-110°9'14.85"	0.00	0.00	-863.46	217.38	
7300.00	13.45	217.38	7162.79	-952.55	-727.75	40°13'43.41"	-110°9'15.03"	0.00	0.00	-880.55	217.38	
7400.00	13.45	217.38	7260.05	-971.04	-741.88	40°13'43.22"	-110°9'15.21"	0.00	0.00	-897.63	217.38	
7500.00	13.45	217.38	7357.30	-989.52	-756.00	40°13'43.04"	-110°9'15.40"	0.00	0.00	-914.72	217.38	
7600.00	13.45	217.38	7454.56	-1008.00	-770.12	40°13'42.86"	-110°9'15.58"	0.00	0.00	-931.80	217.38	
7700.00	13.45	217.38	7551.82	-1026.48	-784.24	40°13'42.68"	-110°9'15.76"	0.00	0.00	-948.89	217.38	
7702.24	13.45	217.38	7554.00	-1026.90	-784.55	40°13'42.67"	-110°9'15.76"	0.00	0.00	-949.27	217.38	Douglas Creek Member :
7800.00	13.45	217.38	7649.08	-1044.97	-798.36	40°13'42.49"	-110°9'15.94"	0.00	0.00	-965.98	217.38	
7900.00	13.45	217.38	7746.33	-1063.45	-812.48	40°13'42.31"	-110°9'16.12"	0.00	0.00	-983.06	217.38	
7907.22	13.45	217.38	7753.36	-1064.78	-813.50	40°13'42.30"	-110°9'16.14"	0.00	0.00	-984.29	217.38	BEGIN BUILD & TURN @ 5°/100'
8000.00	9.27	227.78	7844.31	-1078.39	-825.59	40°13'42.16"	-110°9'16.29"	5.00	158.92	-996.71	217.44	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)												
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)	Clos.Az (°)	Comment
8100.00	5.63	255.28	7943.48	-1085.05	-836.31	40°13'42.10"	-110°9'16.43"	5.00	148.71	-1002.34	217.62	
8200.00	5.22	310.09	8043.09	-1083.36	-844.53	40°13'42.11"	-110°9'16.54"	5.00	121.42	-999.90	217.94	
8300.00	8.53	342.78	8142.39	-1073.34	-850.21	40°13'42.21"	-110°9'16.61"	5.00	66.83	-989.39	218.38	
8354.39	10.88	350.93	8196.00	-1064.42	-852.22	40°13'42.30"	-110°9'16.64"	5.00	34.34	-980.32	218.68	B Limestone :
8400.00	12.97	355.44	8240.63	-1055.06	-853.30	40°13'42.39"	-110°9'16.65"	5.00	26.31	-970.90	218.96	
8464.42	16.00	359.80	8303.00	-1038.97	-853.91	40°13'42.55"	-110°9'16.66"	5.00	21.89	-954.83	219.42	Lower Black Shale :
8464.43	16.00	359.80	8303.00	-1038.97	-853.91	40°13'42.55"	-110°9'16.66"	0.00	0.00	-954.83	219.42	END BUILD & TURN
8500.00	17.78	359.80	8337.04	-1028.64	-853.94	40°13'42.65"	-110°9'16.66"	5.00	0.00	-944.54	219.70	
8568.43	21.20	359.80	8401.54	-1005.81	-854.02	40°13'42.88"	-110°9'16.66"	5.00	0.00	-921.80	220.33	BUILD @ 8°/100'
8592.68	23.14	359.80	8424.00	-996.66	-854.06	40°13'42.97"	-110°9'16.66"	8.00	0.00	-912.69	220.59	Castle Peak Limestone :
8600.00	23.73	359.80	8430.71	-993.75	-854.07	40°13'43.00"	-110°9'16.66"	8.00	0.00	-909.79	220.68	
8700.00	31.73	359.80	8519.16	-947.27	-854.23	40°13'43.46"	-110°9'16.66"	8.00	0.00	-863.49	222.04	
8793.17	39.18	359.80	8595.00	-893.26	-854.42	40°13'43.99"	-110°9'16.67"	8.00	0.00	-809.71	223.73	CP Limes_2 :
8800.00	39.73	359.80	8600.27	-888.92	-854.43	40°13'44.04"	-110°9'16.67"	8.00	0.00	-805.38	223.87	
8900.00	47.73	359.80	8672.48	-819.86	-854.67	40°13'44.72"	-110°9'16.67"	8.00	0.00	-736.60	226.19	
8990.55	54.97	359.80	8729.00	-749.19	-854.92	40°13'45.42"	-110°9'16.67"	8.00	0.00	-666.22	228.77	Uteland Butte :
9000.00	55.73	359.80	8734.37	-741.42	-854.95	40°13'45.49"	-110°9'16.67"	8.00	0.00	-658.47	229.07	
9019.25	57.27	359.80	8745.00	-725.37	-855.00	40°13'45.65"	-110°9'16.67"	8.00	0.00	-642.49	229.69	Uteland Butte A :
9049.87	59.71	359.80	8761.00	-699.27	-855.09	40°13'45.91"	-110°9'16.67"	8.00	0.00	-616.49	230.72	Uteland Butte B :
9100.00	63.73	359.80	8784.75	-655.13	-855.25	40°13'46.35"	-110°9'16.68"	8.00	0.00	-572.53	232.55	
9116.78	65.07	359.80	8792.00	-639.99	-855.30	40°13'46.50"	-110°9'16.68"	8.00	0.00	-557.46	233.19	Uteland Butte C :
9200.00	71.73	359.80	8822.62	-562.66	-855.57	40°13'47.26"	-110°9'16.68"	8.00	0.00	-480.44	236.67	
9228.44	74.00	359.80	8831.00	-535.49	-855.67	40°13'47.53"	-110°9'16.68"	8.00	0.00	-453.38	237.96	Uteland Butte D :
9300.00	79.73	359.80	8847.26	-465.83	-855.91	40°13'48.22"	-110°9'16.68"	8.00	0.00	-384.00	241.44	
9395.83	87.39	359.80	8858.00	-370.68	-856.24	40°13'49.16"	-110°9'16.69"	8.00	0.00	-289.23	246.59	Uteland Butte D PZ Target :
9395.93	87.40	359.80	8858.00	-370.58	-856.24	40°13'49.16"	-110°9'16.69"	8.00	0.00	-289.13	246.60	LANDING POINT
9400.00	87.40	359.80	8858.19	-366.51	-856.26	40°13'49.20"	-110°9'16.69"	0.00	0.00	-285.08	246.83	
9500.00	87.40	359.80	8862.73	-266.62	-856.60	40°13'50.19"	-110°9'16.69"	0.00	0.00	-185.58	252.71	
9600.00	87.40	359.80	8867.26	-166.72	-856.95	40°13'51.17"	-110°9'16.70"	0.00	0.00	-86.09	258.99	
9700.00	87.40	359.80	8871.80	-66.82	-857.30	40°13'52.16"	-110°9'16.70"	0.00	0.00	13.40	265.54	
9800.00	87.40	359.80	8876.33	33.07	-857.65	40°13'53.15"	-110°9'16.71"	0.00	0.00	112.90	272.21	
9900.00	87.40	359.80	8880.87	132.97	-858.00	40°13'54.13"	-110°9'16.71"	0.00	0.00	212.39	278.81	
10000.00	87.40	359.80	8885.41	232.87	-858.35	40°13'55.12"	-110°9'16.72"	0.00	0.00	311.88	285.18	
10100.00	87.40	359.80	8889.94	332.76	-858.70	40°13'56.11"	-110°9'16.72"	0.00	0.00	411.38	291.18	
10200.00	87.40	359.80	8894.48	432.66	-859.04	40°13'57.10"	-110°9'16.73"	0.00	0.00	510.87	296.73	
10300.00	87.40	359.80	8899.02	532.56	-859.39	40°13'58.08"	-110°9'16.73"	0.00	0.00	610.37	301.79	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)												
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)	Clos.Az (°)	Comment
10400.00	87.40	359.80	8903.55	632.45	-859.74	40°13'59.07"	-110°9'16.73"	0.00	0.00	709.86	306.34	
10500.00	87.40	359.80	8908.09	732.35	-860.09	40°14'0.06"	-110°9'16.74"	0.00	0.00	809.35	310.41	
10600.00	87.40	359.80	8912.63	832.25	-860.44	40°14'1.05"	-110°9'16.74"	0.00	0.00	908.85	314.05	
10700.00	87.40	359.80	8917.16	932.14	-860.79	40°14'2.03"	-110°9'16.75"	0.00	0.00	1008.34	317.28	
10800.00	87.40	359.80	8921.70	1032.04	-861.14	40°14'3.02"	-110°9'16.75"	0.00	0.00	1107.83	320.16	
10900.00	87.40	359.80	8926.24	1131.93	-861.48	40°14'4.01"	-110°9'16.76"	0.00	0.00	1207.33	322.73	
11000.00	87.40	359.80	8930.78	1231.83	-861.83	40°14'4.99"	-110°9'16.76"	0.00	0.00	1306.82	325.02	
11100.00	87.40	359.80	8935.31	1331.73	-862.18	40°14'5.98"	-110°9'16.77"	0.00	0.00	1406.32	327.08	
11200.00	87.40	359.80	8939.85	1431.62	-862.53	40°14'6.97"	-110°9'16.77"	0.00	0.00	1505.81	328.93	
11300.00	87.40	359.80	8944.39	1531.52	-862.88	40°14'7.96"	-110°9'16.78"	0.00	0.00	1605.30	330.60	
11400.00	87.40	359.80	8948.92	1631.42	-863.22	40°14'8.94"	-110°9'16.78"	0.00	0.00	1704.80	332.12	
11500.00	87.40	359.80	8953.46	1731.31	-863.57	40°14'9.93"	-110°9'16.78"	0.00	0.00	1804.29	333.49	
11600.00	87.40	359.80	8958.00	1831.21	-863.92	40°14'10.92"	-110°9'16.79"	0.00	0.00	1903.78	334.74	
11700.00	87.40	359.80	8962.54	1931.11	-864.27	40°14'11.90"	-110°9'16.79"	0.00	0.00	2003.28	335.89	
11800.00	87.40	359.80	8967.07	2031.00	-864.62	40°14'12.89"	-110°9'16.80"	0.00	0.00	2102.77	336.94	
11900.00	87.40	359.80	8971.61	2130.90	-864.97	40°14'13.88"	-110°9'16.80"	0.00	0.00	2202.26	337.91	
12000.00	87.40	359.80	8976.15	2230.80	-865.31	40°14'14.87"	-110°9'16.81"	0.00	0.00	2301.76	338.80	
12100.00	87.40	359.80	8980.69	2330.69	-865.66	40°14'15.85"	-110°9'16.81"	0.00	0.00	2401.25	339.62	
12200.00	87.40	359.80	8985.22	2430.59	-866.01	40°14'16.84"	-110°9'16.82"	0.00	0.00	2500.75	340.39	
12300.00	87.40	359.80	8989.76	2530.48	-866.36	40°14'17.83"	-110°9'16.82"	0.00	0.00	2600.24	341.10	
12400.00	87.40	359.80	8994.30	2630.38	-866.71	40°14'18.82"	-110°9'16.83"	0.00	0.00	2699.73	341.76	
12500.00	87.40	359.80	8998.84	2730.28	-867.05	40°14'19.80"	-110°9'16.83"	0.00	0.00	2799.23	342.38	
12600.00	87.40	359.80	9003.37	2830.17	-867.40	40°14'20.79"	-110°9'16.83"	0.00	0.00	2898.72	342.96	
12700.00	87.40	359.80	9007.91	2930.07	-867.75	40°14'21.78"	-110°9'16.84"	0.00	0.00	2998.21	343.50	
12800.00	87.40	359.80	9012.45	3029.97	-868.10	40°14'22.76"	-110°9'16.84"	0.00	0.00	3097.71	344.01	
12900.00	87.40	359.80	9016.99	3129.86	-868.44	40°14'23.75"	-110°9'16.85"	0.00	0.00	3197.20	344.49	
13000.00	87.40	359.80	9021.53	3229.76	-868.79	40°14'24.74"	-110°9'16.85"	0.00	0.00	3296.70	344.94	
13100.00	87.40	359.80	9026.06	3329.66	-869.14	40°14'25.73"	-110°9'16.86"	0.00	0.00	3396.19	345.37	
13200.00	87.40	359.80	9030.60	3429.55	-869.49	40°14'26.71"	-110°9'16.86"	0.00	0.00	3495.68	345.77	
13300.00	87.40	359.80	9035.14	3529.45	-869.84	40°14'27.70"	-110°9'16.87"	0.00	0.00	3595.18	346.16	
13400.00	87.40	359.80	9039.68	3629.34	-870.18	40°14'28.69"	-110°9'16.87"	0.00	0.00	3694.67	346.52	
13500.00	87.40	359.80	9044.22	3729.24	-870.53	40°14'29.68"	-110°9'16.87"	0.00	0.00	3794.16	346.86	
13600.00	87.40	359.80	9048.76	3829.14	-870.88	40°14'30.66"	-110°9'16.88"	0.00	0.00	3893.66	347.19	
13700.00	87.40	359.80	9053.29	3929.03	-871.23	40°14'31.65"	-110°9'16.88"	0.00	0.00	3993.15	347.50	
13800.00	87.40	359.80	9057.83	4028.93	-871.57	40°14'32.64"	-110°9'16.89"	0.00	0.00	4092.64	347.79	
13900.00	87.40	359.80	9062.37	4128.83	-871.92	40°14'33.62"	-110°9'16.89"	0.00	0.00	4192.14	348.08	
14000.00	87.40	359.80	9066.91	4228.72	-872.27	40°14'34.61"	-110°9'16.90"	0.00	0.00	4291.63	348.34	
14100.00	87.40	359.80	9071.45	4328.62	-872.62	40°14'35.60"	-110°9'16.90"	0.00	0.00	4391.12	348.60	
14200.00	87.40	359.80	9075.99	4428.52	-872.96	40°14'36.59"	-110°9'16.91"	0.00	0.00	4490.62	348.85	
14300.00	87.40	359.80	9080.52	4528.41	-873.31	40°14'37.57"	-110°9'16.91"	0.00	0.00	4590.11	349.08	
14400.00	87.40	359.80	9085.06	4628.31	-873.66	40°14'38.56"	-110°9'16.92"	0.00	0.00	4689.61	349.31	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)												
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)	Clos.Az (°)	Comment
14500.00	87.40	359.80	9089.60	4728.20	-874.01	40°14'39.55"	-110°9'16.92"	0.00	0.00	4789.10	349.53	
14600.00	87.40	359.80	9094.14	4828.10	-874.35	40°14'40.53"	-110°9'16.92"	0.00	0.00	4888.59	349.74	
14700.00	87.40	359.80	9098.68	4928.00	-874.70	40°14'41.52"	-110°9'16.93"	0.00	0.00	4988.09	349.94	
14800.00	87.40	359.80	9103.22	5027.89	-875.05	40°14'42.51"	-110°9'16.93"	0.00	0.00	5087.58	350.13	
14900.00	87.40	359.80	9107.76	5127.79	-875.40	40°14'43.50"	-110°9'16.94"	0.00	0.00	5187.07	350.31	
15000.00	87.40	359.80	9112.30	5227.69	-875.74	40°14'44.48"	-110°9'16.94"	0.00	0.00	5286.57	350.49	
15100.00	87.40	359.80	9116.83	5327.58	-876.09	40°14'45.47"	-110°9'16.95"	0.00	0.00	5386.06	350.66	
15200.00	87.40	359.80	9121.37	5427.48	-876.44	40°14'46.46"	-110°9'16.95"	0.00	0.00	5485.55	350.83	
15300.00	87.40	359.80	9125.91	5527.38	-876.78	40°14'47.45"	-110°9'16.96"	0.00	0.00	5585.05	350.99	
15400.00	87.40	359.80	9130.45	5627.27	-877.13	40°14'48.43"	-110°9'16.96"	0.00	0.00	5684.54	351.14	
15500.00	87.40	359.80	9134.99	5727.17	-877.48	40°14'49.42"	-110°9'16.97"	0.00	0.00	5784.03	351.29	
15600.00	87.40	359.80	9139.53	5827.06	-877.83	40°14'50.41"	-110°9'16.97"	0.00	0.00	5883.53	351.43	
15700.00	87.40	359.80	9144.07	5926.96	-878.17	40°14'51.39"	-110°9'16.97"	0.00	0.00	5983.02	351.57	
15800.00	87.40	359.80	9148.61	6026.86	-878.52	40°14'52.38"	-110°9'16.98"	0.00	0.00	6082.51	351.71	
15900.00	87.40	359.80	9153.15	6126.75	-878.87	40°14'53.37"	-110°9'16.98"	0.00	0.00	6182.01	351.84	
16000.00	87.40	359.80	9157.69	6226.65	-879.21	40°14'54.36"	-110°9'16.99"	0.00	0.00	6281.50	351.96	
16100.00	87.40	359.80	9162.23	6326.55	-879.56	40°14'55.34"	-110°9'16.99"	0.00	0.00	6381.00	352.09	
16200.00	87.40	359.80	9166.77	6426.44	-879.91	40°14'56.33"	-110°9'17.00"	0.00	0.00	6480.49	352.20	
16300.00	87.40	359.80	9171.31	6526.34	-880.26	40°14'57.32"	-110°9'17.00"	0.00	0.00	6579.98	352.32	
16400.00	87.40	359.80	9175.85	6626.23	-880.60	40°14'58.31"	-110°9'17.01"	0.00	0.00	6679.48	352.43	
16500.00	87.40	359.80	9180.39	6726.13	-880.95	40°14'59.29"	-110°9'17.01"	0.00	0.00	6778.97	352.54	
16600.00	87.40	359.80	9184.93	6826.03	-881.30	40°15'0.28"	-110°9'17.02"	0.00	0.00	6878.46	352.64	
16700.00	87.40	359.80	9189.46	6925.92	-881.64	40°15'1.27"	-110°9'17.02"	0.00	0.00	6977.96	352.75	
16800.00	87.40	359.80	9194.00	7025.82	-881.99	40°15'2.25"	-110°9'17.02"	0.00	0.00	7077.45	352.84	
16900.00	87.40	359.80	9198.54	7125.72	-882.34	40°15'3.24"	-110°9'17.03"	0.00	0.00	7176.94	352.94	
17000.00	87.40	359.80	9203.08	7225.61	-882.68	40°15'4.23"	-110°9'17.03"	0.00	0.00	7276.44	353.04	
17100.00	87.40	359.80	9207.62	7325.51	-883.03	40°15'5.22"	-110°9'17.04"	0.00	0.00	7375.93	353.13	
17200.00	87.40	359.80	9212.16	7425.40	-883.38	40°15'6.20"	-110°9'17.04"	0.00	0.00	7475.42	353.22	
17300.00	87.40	359.80	9216.70	7525.30	-883.72	40°15'7.19"	-110°9'17.05"	0.00	0.00	7574.92	353.30	
17400.00	87.40	359.80	9221.24	7625.20	-884.07	40°15'8.18"	-110°9'17.05"	0.00	0.00	7674.41	353.39	
17500.00	87.40	359.80	9225.78	7725.09	-884.42	40°15'9.16"	-110°9'17.06"	0.00	0.00	7773.90	353.47	
17600.00	87.40	359.80	9230.32	7824.99	-884.76	40°15'10.15"	-110°9'17.06"	0.00	0.00	7873.40	353.55	
17700.00	87.40	359.80	9234.86	7924.89	-885.11	40°15'11.14"	-110°9'17.06"	0.00	0.00	7972.89	353.63	
17800.00	87.40	359.80	9239.40	8024.78	-885.46	40°15'12.13"	-110°9'17.07"	0.00	0.00	8072.38	353.70	
17900.00	87.40	359.80	9243.95	8124.68	-885.80	40°15'13.11"	-110°9'17.07"	0.00	0.00	8171.88	353.78	
18000.00	87.40	359.80	9248.49	8224.58	-886.15	40°15'14.10"	-110°9'17.08"	0.00	0.00	8271.37	353.85	
18100.00	87.40	359.80	9253.03	8324.47	-886.50	40°15'15.09"	-110°9'17.08"	0.00	0.00	8370.86	353.92	
18200.00	87.40	359.80	9257.57	8424.37	-886.84	40°15'16.08"	-110°9'17.09"	0.00	0.00	8470.36	353.99	
18300.00	87.40	359.80	9262.11	8524.26	-887.19	40°15'17.06"	-110°9'17.09"	0.00	0.00	8569.85	354.06	
18400.00	87.40	359.80	9266.65	8624.16	-887.53	40°15'18.05"	-110°9'17.10"	0.00	0.00	8669.34	354.12	
18500.00	87.40	359.80	9271.19	8724.06	-887.88	40°15'19.04"	-110°9'17.10"	0.00	0.00	8768.84	354.19	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)												
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)	Clos.Az (°)	Comment
18600.00	87.40	359.80	9275.73	8823.95	-888.23	40°15'20.02"	-110°9'17.11"	0.00	0.00	8868.33	354.25	
18700.00	87.40	359.80	9280.27	8923.85	-888.57	40°15'21.01"	-110°9'17.11"	0.00	0.00	8967.82	354.31	
18800.00	87.40	359.80	9284.81	9023.75	-888.92	40°15'22.00"	-110°9'17.11"	0.00	0.00	9067.32	354.37	
18900.00	87.40	359.80	9289.35	9123.64	-889.27	40°15'22.99"	-110°9'17.12"	0.00	0.00	9166.81	354.43	
19000.00	87.40	359.80	9293.89	9223.54	-889.61	40°15'23.97"	-110°9'17.12"	0.00	0.00	9266.30	354.49	
19100.00	87.40	359.80	9298.43	9323.43	-889.96	40°15'24.96"	-110°9'17.13"	0.00	0.00	9365.80	354.55	
19151.60	87.40	359.80	9301.00	9374.97	-890.01	40°15'25.47"	-110°9'17.13"	0.00	151.33	9417.11	354.58	TD @ 19151.6' MD
19200.00	87.40	359.80	9303.20	9423.32	-890.18	40°15'25.95"	-110°9'17.13"	0.00	0.00	9465.27	354.60	
19286.60	87.40	359.80	9307.13	9509.83	-890.48	40°15'26.80"	-110°9'17.13"	0.00	0.00	9551.43	354.65	RATHOLE TD

Formation Points (Relative to Slot centre, TVD relative to Drill Floor)										
Name	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	F.Dip (°)	F.Dir (°)		
Usable Water	1784.01	1.26	217.38	1784.00	-0.73	-0.56	0	0		
Green River Formation	3671.70	13.45	217.38	3634.00	-281.94	-215.41	0	0		
Trona	5638.64	13.45	217.38	5547.00	-645.49	-493.16	0	0		
Mahogany Bench	5683.88	13.45	217.38	5591.00	-653.85	-499.54	0	0		
Garden Gulch Member	6563.00	13.45	217.38	6446.00	-816.33	-623.68	0	0		
Garden Gulch Member-1	6829.30	13.45	217.38	6705.00	-865.55	-661.29	0	0		
Garden Gulch Member-2	7001.01	13.45	217.38	6872.00	-897.29	-685.53	0	0		
Douglas Creek Member	7702.24	13.45	217.38	7554.00	-1026.90	-784.55	0	0		
B Limestone	8354.39	10.88	350.93	8196.00	-1064.42	-852.22	0	0		
Lower Black Shale	8464.42	16.00	359.80	8303.00	-1038.97	-853.91	0	0		
Castle Peak Limestone	8592.68	23.14	359.80	8424.00	-996.66	-854.06	0	0		
CP Limes_2	8793.17	39.18	359.80	8595.00	-893.26	-854.42	0	0		
Uteland Butte	8990.55	54.97	359.80	8729.00	-749.19	-854.92	0	0		
Uteland Butte A	9019.25	57.27	359.80	8745.00	-725.37	-855.00	0	0		
Uteland Butte B	9049.87	59.71	359.80	8761.00	-699.27	-855.09	0	0		
Uteland Butte C	9116.78	65.07	359.80	8792.00	-639.99	-855.30	0	0		
Uteland Butte D	9228.44	74.00	359.80	8831.00	-535.49	-855.67	0	0		
Uteland Butte D PZ Target	9395.83	87.39	359.80	8858.00	-370.68	-856.24	0	0		
Wasatch	-1.#J	0.00	0.00	5214.00	-7224599.98	-2126029.47	0	0		

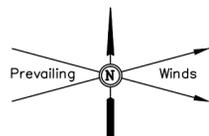
NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT FOR

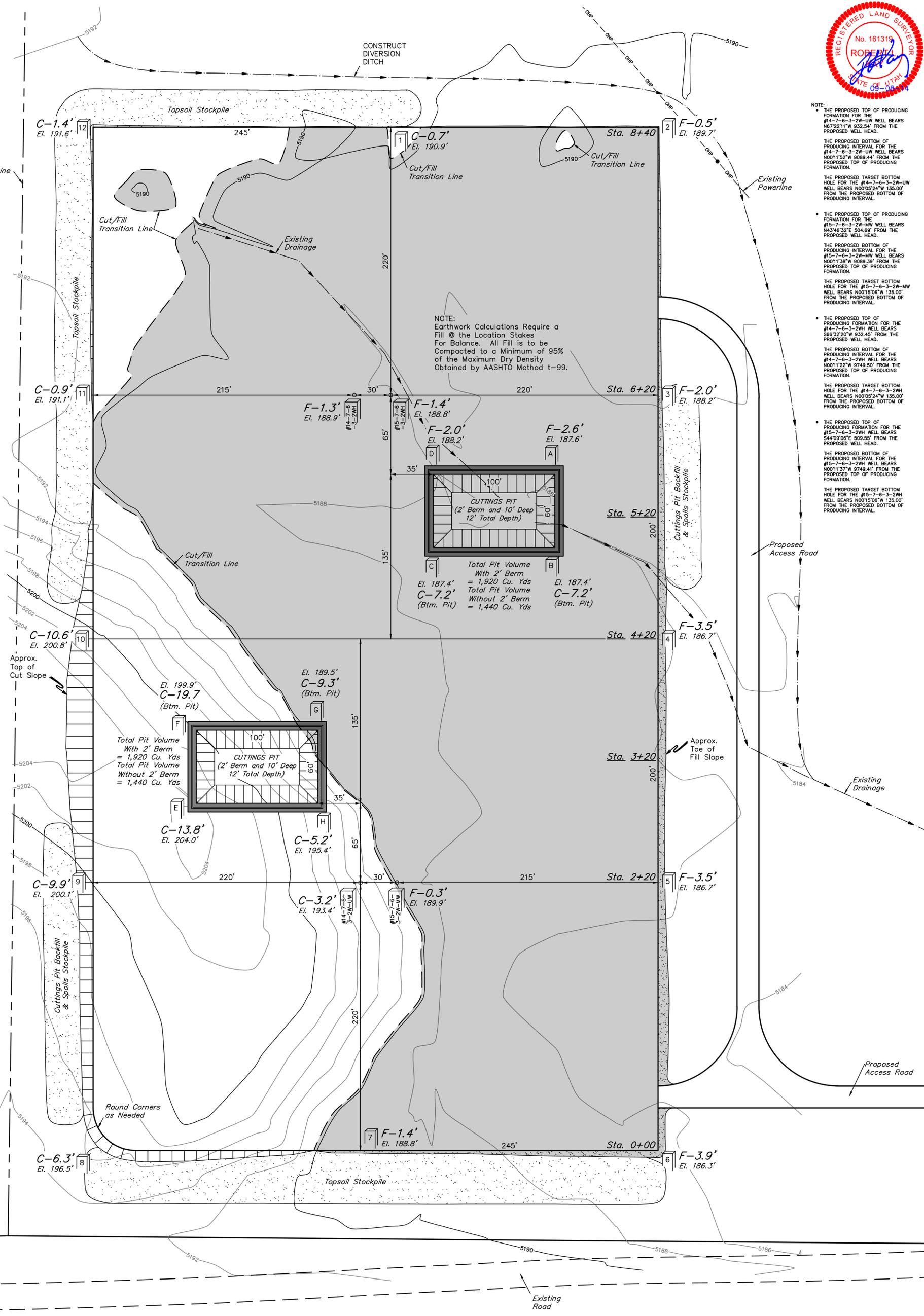
#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW, #15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 50'
DATE: 05-10-13
DRAWN BY: C.A.G.
REV: 09-20-13 S.S.
REV: 09-02-14 S.F.



- NOTE:
- THE PROPOSED TOP OF PRODUCING FORMATION FOR THE #14-7-6-3-2W-UW WELL BEARS N67°22'11"W 832.54' FROM THE PROPOSED WELL HEAD.
 - THE PROPOSED BOTTOM OF PRODUCING INTERVAL FOR THE #14-7-6-3-2W-UW WELL BEARS N00°11'52"W 808.94' FROM THE PROPOSED TOP OF PRODUCING FORMATION.
 - THE PROPOSED TARGET BOTTOM HOLE FOR THE #14-7-6-3-2W-UW WELL BEARS N00°05'24"W 135.00' FROM THE PROPOSED BOTTOM OF PRODUCING INTERVAL.
 - THE PROPOSED TOP OF PRODUCING FORMATION FOR THE #15-7-6-3-2W-MW WELL BEARS N43°48'52"E 504.69' FROM THE PROPOSED WELL HEAD.
 - THE PROPOSED BOTTOM OF PRODUCING INTERVAL FOR THE #15-7-6-3-2W-MW WELL BEARS N00°11'58"W 808.33' FROM THE PROPOSED TOP OF PRODUCING FORMATION.
 - THE PROPOSED TARGET BOTTOM HOLE FOR THE #15-7-6-3-2W-MW WELL BEARS N00°15'06"W 135.00' FROM THE PROPOSED BOTTOM OF PRODUCING INTERVAL.
 - THE PROPOSED TOP OF PRODUCING FORMATION FOR THE #14-7-6-3-2WH WELL BEARS S83°32'22"W 832.45' FROM THE PROPOSED WELL HEAD.
 - THE PROPOSED BOTTOM OF PRODUCING INTERVAL FOR THE #14-7-6-3-2WH WELL BEARS N00°11'22"W 874.50' FROM THE PROPOSED TOP OF PRODUCING FORMATION.
 - THE PROPOSED TARGET BOTTOM HOLE FOR THE #14-7-6-3-2WH WELL BEARS N00°05'24"W 135.00' FROM THE PROPOSED BOTTOM OF PRODUCING INTERVAL.
 - THE PROPOSED TOP OF PRODUCING FORMATION FOR THE #15-7-6-3-2WH WELL BEARS S44°09'06"E 509.55' FROM THE PROPOSED WELL HEAD.
 - THE PROPOSED BOTTOM OF PRODUCING INTERVAL FOR THE #15-7-6-3-2WH WELL BEARS N00°11'37"W 874.41' FROM THE PROPOSED TOP OF PRODUCING FORMATION.
 - THE PROPOSED TARGET BOTTOM HOLE FOR THE #15-7-6-3-2WH WELL BEARS N00°15'06"W 135.00' FROM THE PROPOSED BOTTOM OF PRODUCING INTERVAL.



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.

CUTTINGS PIT
(2' Berm and 10' Deep
12' Total Depth)

Total Pit Volume
With 2' Berm
= 1,920 Cu. Yds
Total Pit Volume
Without 2' Berm
(Btm. Pit) = 1,440 Cu. Yds

CUTTINGS PIT
(2' Berm and 10' Deep
12' Total Depth)

Total Pit Volume
With 2' Berm
= 1,920 Cu. Yds
Total Pit Volume
Without 2' Berm
= 1,440 Cu. Yds

Section 7
Section 18

Elev. Ungraded Ground At #14-7-6-3-2W-UW Loc. Stake = 5193.4'
FINISHED GRADE ELEV. AT #14-7-6-3-2W-UW LOC. STAKE = 5190.2'

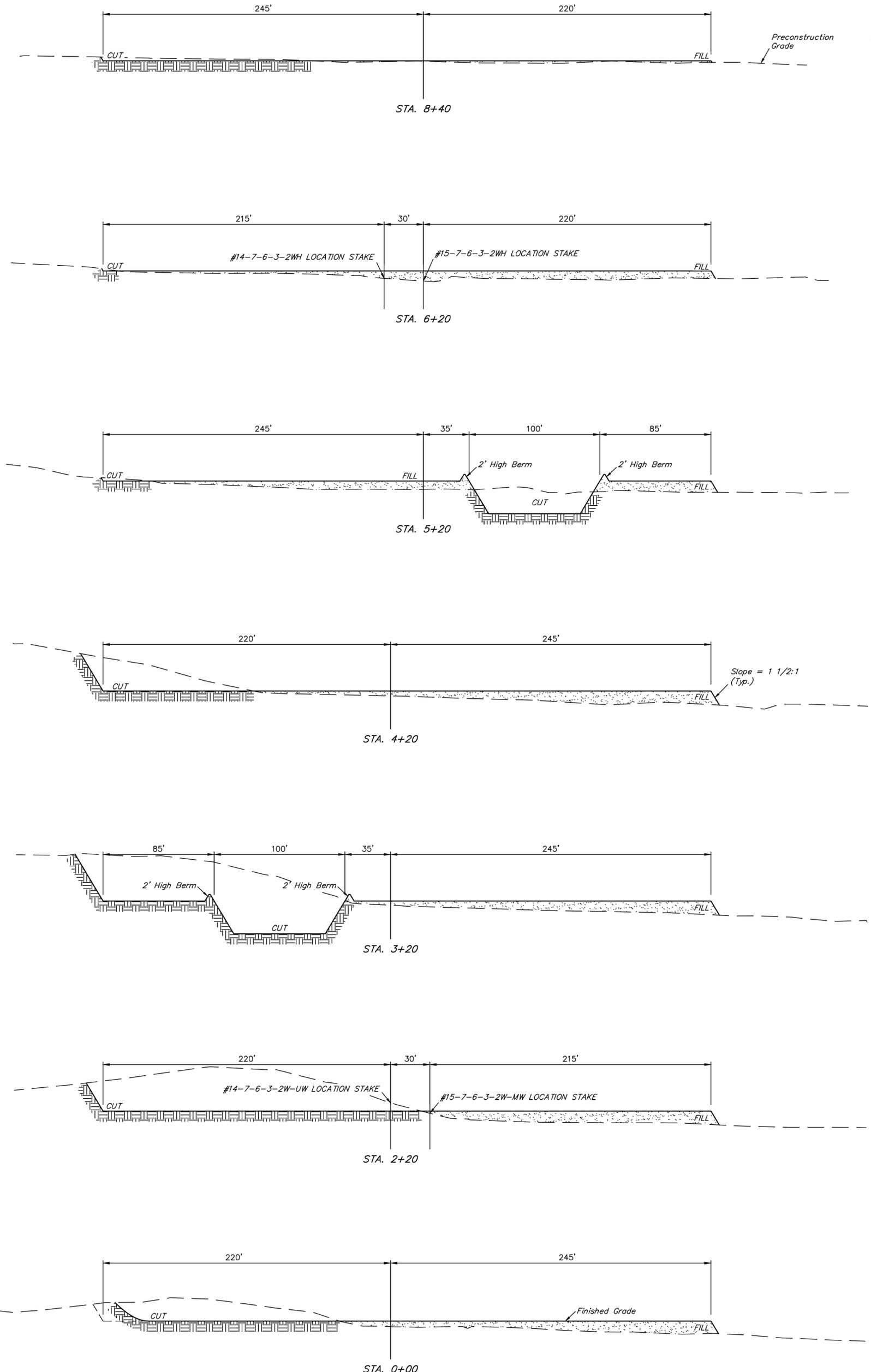
NEWFIELD EXPLORATION COMPANY

TYPICAL CROSS SECTIONS FOR

#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW, #15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #2

1" = 20'
X-Section Scale
1" = 50'
DATE: 05-10-13
DRAWN BY: C.A.G.
REV: 09-02-14 S.F.



APPROXIMATE YARDAGES

(6") Topsoil Stripping = 7,510 Cu. Yds.
Remaining Location = 31,390 Cu. Yds.
TOTAL CUT = 38,900 CU. YDS.
FILL = 28,510 CU. YDS.

EXCESS MATERIAL = 10,390 Cu. Yds.
Topsoil & Pit Backfill = 10,390 Cu. Yds.
(Pit Vol. w/o 2' Berm)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

APPROXIMATE ACREAGE
WELL SITE DISTURBANCE = ± 12.574 ACRES
ACCESS ROAD DISTURBANCE = ± 0.747 ACRES
PIPELINE DISTURBANCE = ± 0.545 ACRES
TOTAL = ± 13.866 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

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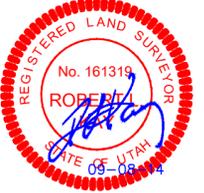
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT FOR

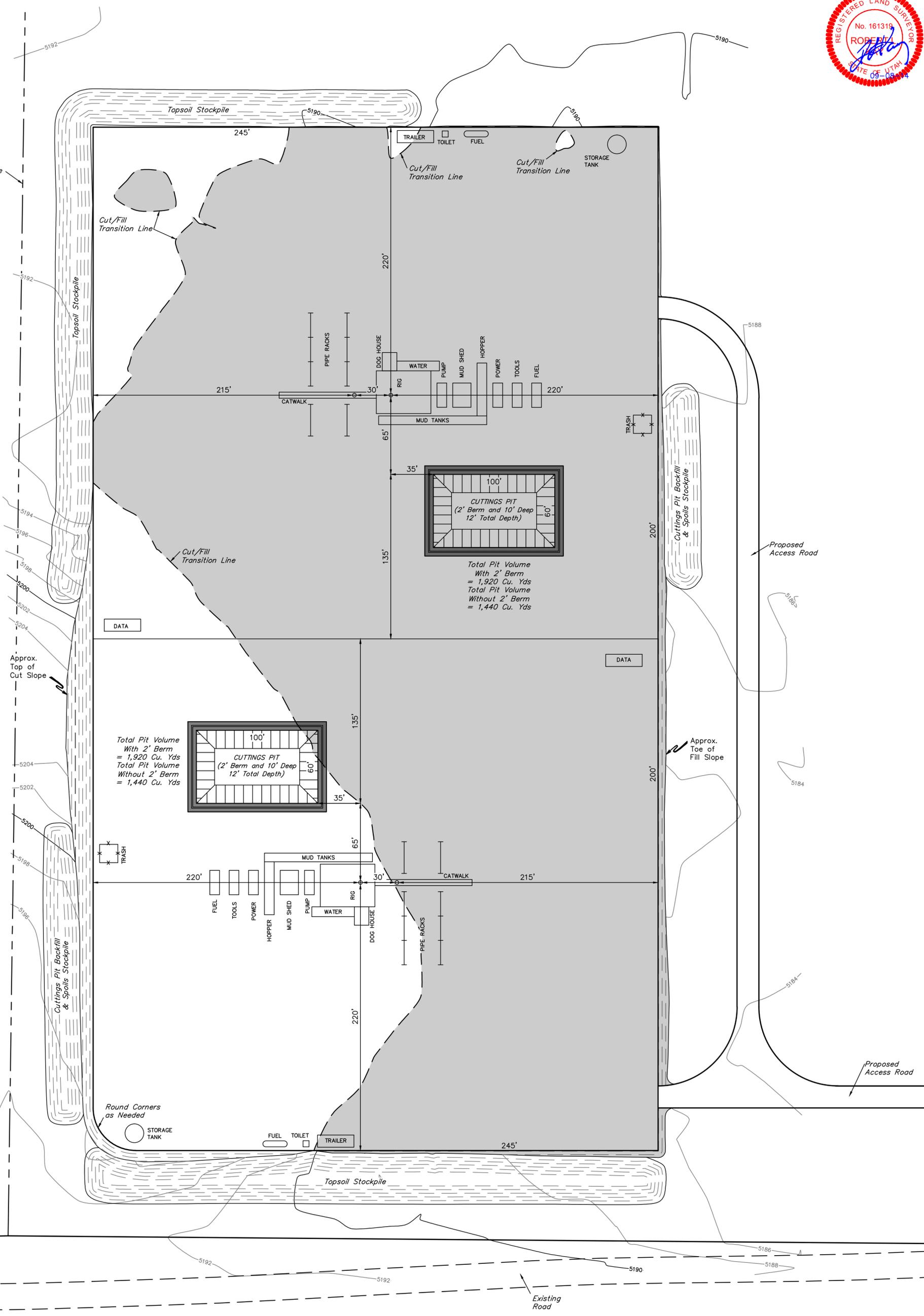
#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW, #15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #3

SCALE: 1" = 50'
DATE: 05-10-13
DRAWN BY: C.A.G.
REV: 09-02-14 S.F.



No Disturbance Beyond Property Line



Total Pit Volume With 2' Berm = 1,920 Cu. Yds
Total Pit Volume Without 2' Berm = 1,440 Cu. Yds

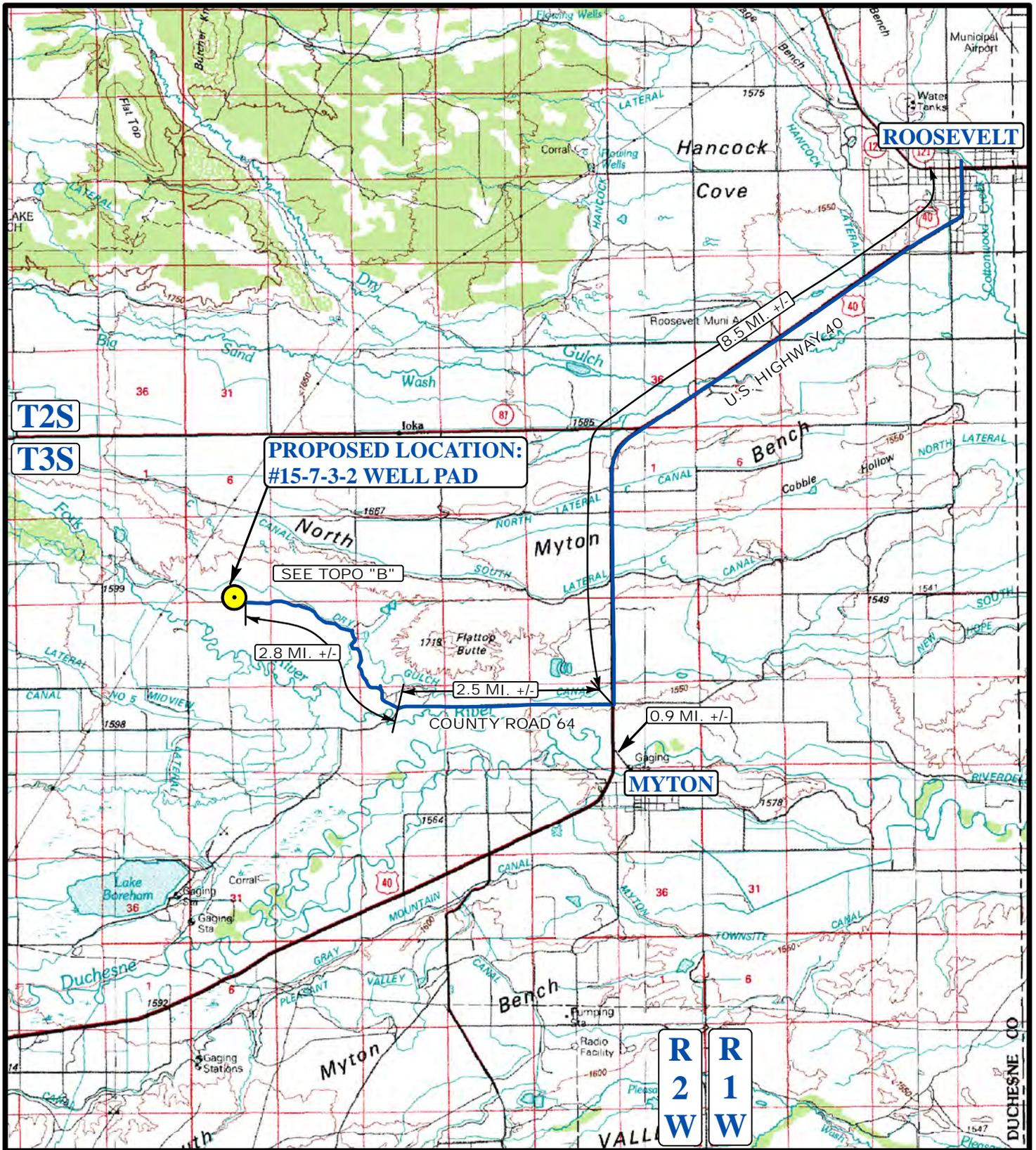
Total Pit Volume With 2' Berm = 1,920 Cu. Yds
Total Pit Volume Without 2' Berm = 1,440 Cu. Yds

Section 7
Section 18

**NEWFIELD EXPLORATION COMPANY
#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW,
#15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.**

PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION FROM MYTON, UTAH ALONG HIGHWAY 40 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND COUNTY ROAD 64 TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 473' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 6.3 MILES.



LEGEND:

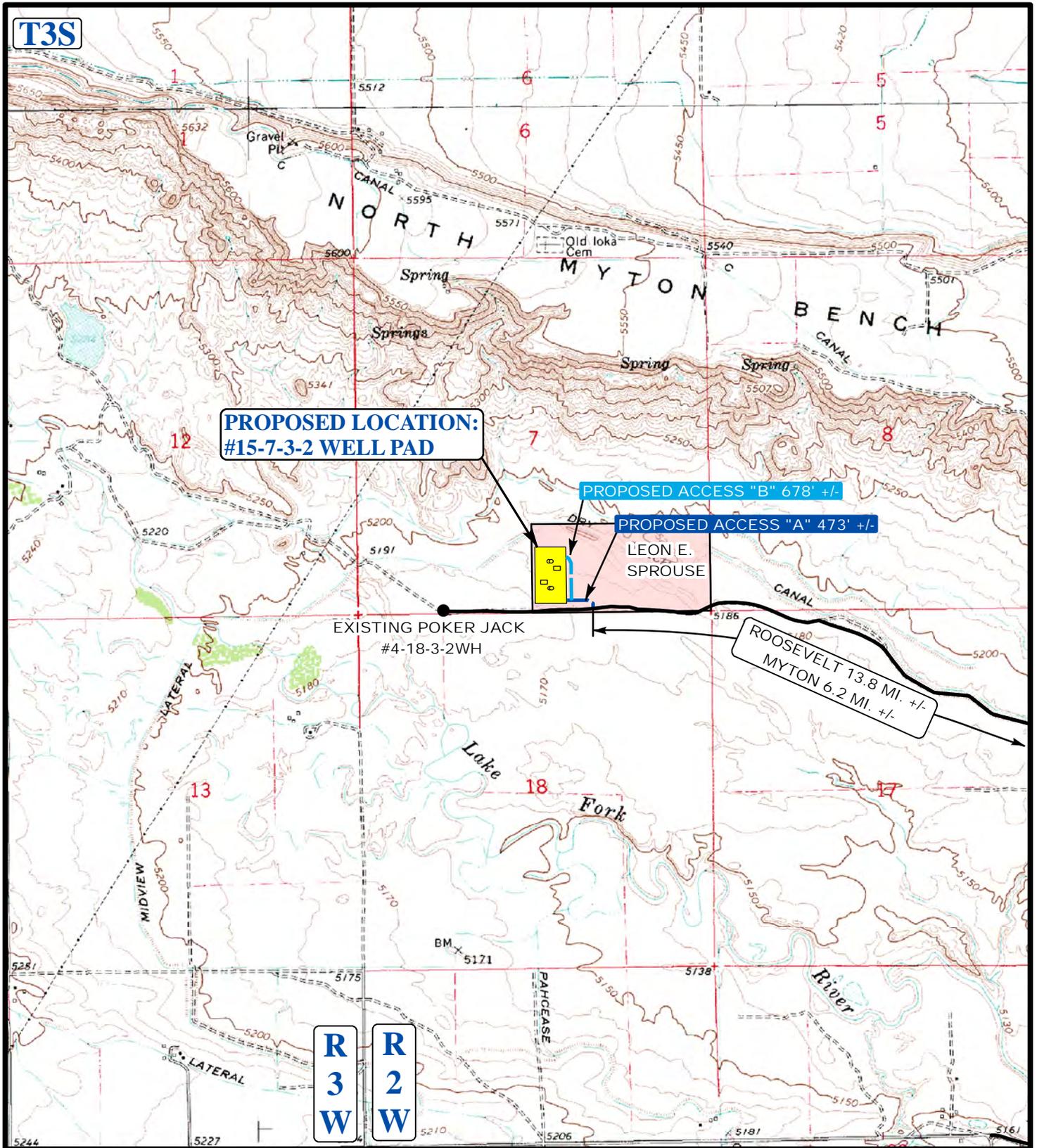
PROPOSED LOCATION

NEWFIELD EXPLORATION COMPANY

#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW,
 #15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH
 SECTION 7, T3S, R2W, U.S.B.&M.
 SW 1/4 SE 1/4

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

ACCESS ROAD MAP **07 15 13**
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: S.O. REV: 09-08-14 M.M. **TOPO**



**PROPOSED LOCATION:
#15-7-3-2 WELL PAD**

PROPOSED ACCESS "B" 678' +/-

PROPOSED ACCESS "A" 473' +/-

**LEON E.
SPROUSE**

**EXISTING POKER JACK
#4-18-3-2WH**

**ROOSEVELT 13.8 MI. +/-
MYTON 6.2 MI. +/-**

LEGEND:

- EXISTING ROADS
- PROPOSED ACCESS ROAD "A"
- PROPOSED ACCESS ROAD "B"



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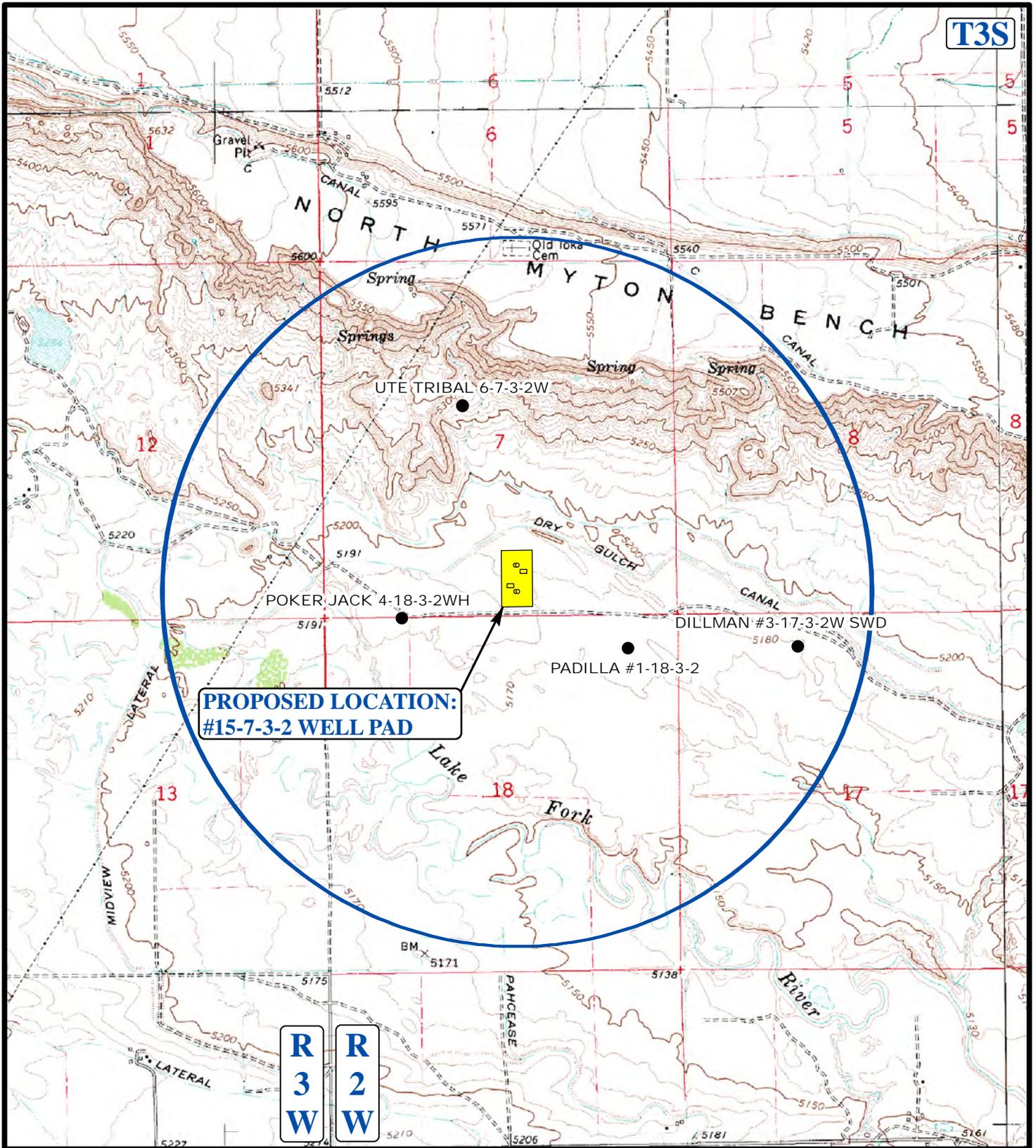
**#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW,
#15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4**

**ACCESS ROAD
MAP**

07 MONTH	15 DAY	13 YEAR
--------------------	------------------	-------------------



SCALE: 1"= 2000' DRAWN BY: S.O. REV: 09-08-14 M.M.



**PROPOSED LOCATION:
#15-7-3-2 WELL PAD**

LEGEND:

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



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NEWFIELD EXPLORATION COMPANY

**#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW,
#15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4**

**TOPOGRAPHIC
MAP**

07 MONTH	15 DAY	13 YEAR
--------------------	------------------	-------------------

SCALE: 1" = 2000' DRAWN BY: S.O. REV: 09-08-14 M.M.



NEWFIELD EXPLORATION COMPANY

PRODUCTION FACILITY LAYOUT FOR

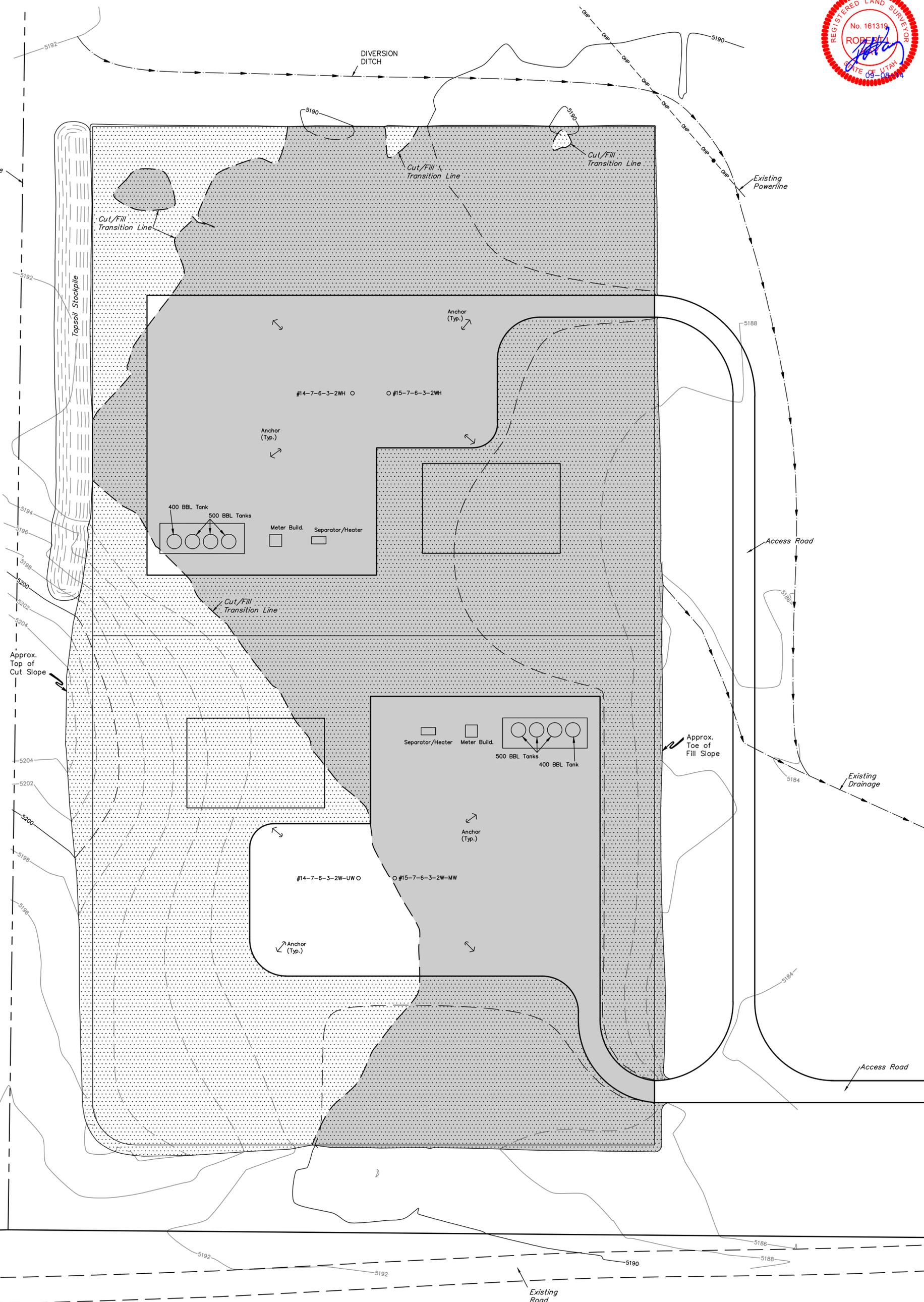
#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW, #15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH
SECTION 7, T3S, R2W, U.S.B.&M.
SW 1/4 SE 1/4

FIGURE #4

SCALE: 1" = 50'
DATE: 05-10-13
DRAWN BY: C.A.G.
REV: 09-02-14 S.F.



No Disturbance Beyond Property Line



Section 7
Section 18

RECLAIMED AREA

APPROXIMATE ACREAGE
UN-RECLAIMED = ± 2.697 ACRES

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RECEIVED: Oct. 16, 2014

NE 1/4 SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 7, T3S, R2W, U.S.B.&M., WHICH BEARS N78°40'52"E 508.62' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7, THENCE SOUTH 118.73' TO A POINT ON THE SOUTH LINE OF THE SW 1/4 SE 1/4 OF SAID SECTION 7, WHICH BEARS S89°31'11"E 569.34' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7, THENCE N89°31'11"W ALONG SAID SECTION LINE 569.34' TO THE SOUTH 1/4 CORNER OF SAID SECTION 7; THENCE N00°47'59"E ALONG THE WEST LINE OF THE SW 1/4 SE 1/4 OF SAID SECTION 7 977.43'; THENCE N89°59'19"E 334.05'; THENCE S40°47'36"E 54.40'; THENCE EAST 179.40'; THENCE SOUTH 192.21'; THENCE SOUTH 23.87'; THENCE S47°51'26"E 42.38'; THENCE S00°48'41"E 224.31'; THENCE S56°39'34"W 33.41'; THENCE SOUTH 335.10' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 12.574 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY "A" DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 7, T3S, R2W, U.S.B.&M., WHICH BEARS N88°41'36"W 397.45' FROM THE SOUTHEAST CORNER OF THE SW 1/4 SE 1/4 OF SAID SECTION 7, THENCE N04°43'12"W 64.76'; THENCE N55°56'50"W 92.11'; THENCE S89°59'08"W 242.53'; THENCE S89°59'08"W 39.67' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 7, WHICH BEARS N78°40'52"E 508.62' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.302 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY "B" DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 7, T3S, R2W, U.S.B.&M., WHICH BEARS N79°24'01"W 619.56' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7, THENCE N00°01'29"W 555.03'; THENCE N25°04'00"W 71.61'; THENCE N57°14'56"W 18.77' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 7, WHICH BEARS N37°05'51"E 932.79' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.444 ACRES MORE OR LESS.

NE Cor. Sec. 7 Alum. Cap

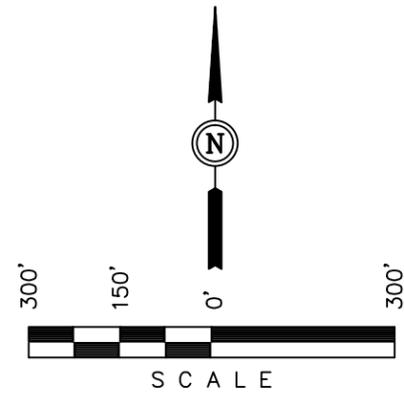
Section Line N00°08'02"W - 5232.10' (Meas.)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N04°43'12"W	64.76'
L2	N55°56'50"W	92.11'
L3	S89°59'08"W	242.53'
L4	S89°59'08"W	39.67'
L5	S89°59'08"W	34.28'
L6	SOUTH	118.73'
L7	N89°31'11"W	569.34'
L8	N00°47'59"E	977.43'
L9	N89°59'19"E	334.05'
L10	S40°47'36"E	54.40'
L11	EAST	179.40'
L12	SOUTH	192.21'
L13	SOUTH	23.87'
L14	S47°51'26"E	42.38'
L15	S00°48'41"E	224.31'
L16	S56°39'34"W	33.41'
L17	SOUTH	335.10'
L18	N00°01'29"W	555.03'
L19	N25°04'00"W	71.61'
L20	N57°14'56"W	18.77'
L21	N57°14'56"W	32.83'

**NEWFIELD EXPLORATION COMPANY
LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS**

(#15-7-3-2 WELL PAD FOR #14-7-6-3-2W-UW, #15-7-6-3-2W-MW, #14-7-6-3-2WH & #15-7-6-3-2WH)

LOCATED IN SECTION 7, T3S, R2W, U.S.B.&M., DUCHESNE COUNTY, UTAH



BASIS OF BEARINGS

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

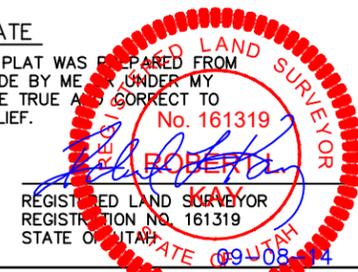
RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
LEON E. SPROUSE	1084.46	0.747	65.72

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

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



REV: 09-02-14 S.F.

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

SCALE 1" = 300'	DATE 06-26-13
PARTY M.A. M.P. C.A.G.	REFERENCES G.L.O. PLAT
WEATHER HOT	FILE 5 4 5 9 0

Sec. 7 1/4 Section Line

BEGINNING OF ROAD "A" STA. 0+00 BEARS N88°41'36"W 397.45' FROM THE SOUTHEAST CORNER OF THE SW 1/4 SE 1/4 OF SECTION 7, T3S, R2W, U.S.B.&M.

END OF ROAD STA. "A" 4+39.06 BEARS N78°40'52"E 508.62' FROM THE SOUTH 1/4 CORNER OF SECTION 7, T3S, R2W, U.S.B.&M.

BEGINNING OF ROAD "B" STA. 0+00 BEARS N79°24'01"W 619.56' FROM THE SOUTH 1/4 CORNER OF SECTION 7, T3S, R2W, U.S.B.&M.

END OF ROAD STA. "B" 6+45.40 BEARS N37°05'51"E 932.79' FROM THE SOUTH 1/4 CORNER OF SECTION 7, T3S, R2W, U.S.B.&M.

P.O.S.L. #1 BEARS S89°31'11"E 569.34' FROM THE SOUTHWEST CORNER OF THE SW 1/4 SE 1/4 OF SECTION 7, T3S, R2W, U.S.B.&M.

SURFACE USE AREA #15-7-3-2 WELL PAD
Contains 12.574 Acres

END OF PROPOSED ROAD "B" RIGHT-OF-WAY STA. 6+45.40
(At Edge of Surface Use Area)

Leon E. Sprouse

END OF PROPOSED ROAD "A" RIGHT-OF-WAY STA. 4+39.06
(At Edge of Surface Use Area)

BEGINNING OF PROPOSED ROAD "B" RIGHT-OF-WAY STA. 0+00
(At Proposed Road "A" P.I. 3+99.39)

BEGINNING OF PROPOSED ROAD "A" RIGHT-OF-WAY STA. 0+00
(At Existing Road)

1/4 Section Line

1/16 Section Line

1/16 Section Line

Section Line

1922 Brass Cap 0.5' High

1922 Brass Cap 0.3' High

2000 Duchesne County Alum. Cap 0.6' High

N89°31'11"W 1330.55' (Meas.)

N85°56'02"W - 1323.77' (Meas.)

Section Line

NE 1/4

Sec. 7

1/4 Section Line

PIPELINE RIGHT-OF-WAY DESCRIPTION

BEGINNING OF PIPELINE STA. 0+00 BEARS N50°36'17"E 772.41' FROM THE SOUTH 1/4 CORNER OF SECTION 7, T3S, R2W, U.S.B.&M.

END OF PIPELINE STA. 7+90.82 BEARS N86°05'50"W 369.31' FROM THE SOUTHEAST CORNER OF THE SW 1/4 SE 1/4 OF SECTION 7, T3S, R2W, U.S.B.&M.

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 7, T3S, R2W, U.S.B.&M., WHICH BEARS N50°36'17"E 772.41' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7, THENCE N89°53'16"E 42.01'; THENCE S00°01'22"E 346.28'; THENCE N89°51'08"E 221.96'; THENCE S55°34'44"E 114.08'; THENCE S05°59'17"E 66.49' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 7, WHICH BEARS N86°05'50"W 369.31' FROM THE SOUTHEAST CORNER OF THE SW 1/4 SE 1/4 OF SAID SECTION 7. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.545 ACRES MORE OR LESS.

NE Cor. Sec. 7 Alum. Cap

N00°08'02"W - 5232.10' (Meas.)

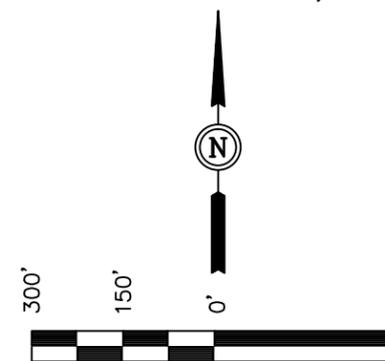
Section Line

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°59'12"E	406.87'
L2	N89°53'16"E	42.01'
L3	S00°01'22"E	346.28'
L4	N89°51'08"E	221.96'
L5	S55°34'44"E	114.08'
L6	S05°59'17"E	66.49'

**NEWFIELD EXPLORATION COMPANY
PIPELINE RIGHT-OF-WAY ON
FEE LANDS**

(#15-7-3-2 WELL PAD FOR
#14-7-6-3-2W-UW,
#15-7-6-3-2W-MW,
#14-7-6-3-2WH & #15-7-6-3-2WH)

LOCATED IN
SECTION 7, T3S, R2W, U.S.B.&M.,
DUCHESNE COUNTY, UTAH



SCALE

BASIS OF BEARINGS

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

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
LEON E. SPROUSE	790.82	0.545	47.93

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REV: 09-02-14 S.F.

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

SCALE 1" = 300'	DATE 06-26-13
PARTY M.A. M.P. C.A.G.	REFERENCES G.L.O. PLAT
WEATHER HOT	FILE 5 4 5 9 1

RECEIVED: Oct. 16, 2014

SE 1/4

1/16 Section Line

SURFACE USE AREA
#15-7-3-2 WELL PAD

Proposed Access Road

BEGINNING OF PROPOSED
PIPELINE RIGHT-OF-WAY
STA. 0+00
(At Edge of Surface Use Area)

Leon E.
Sprouse

Wells

Pit

Pit

Wells

L2
P.I. 0+42.01

L4
P.I. 3+88.29

L5
P.I. 6+10.25

P.I. 7+24.33

END OF PROPOSED
PIPELINE RIGHT-OF-WAY
STA. 7+90.82
(At Existing Pipeline)

Existing Road

Existing Pipeline

1922 Brass
Cap
0.5' High

1922 Brass Cap
0.3' High

2000 Duchesne
County Alum.
Cap 0.6' High

N89°31'11"W - 1330.55' (Meas.)

N85°56'02"W - 1323.77' (Meas.)

Section Line

1/4 Section Line

1/16 Section Line

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6269
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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.		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: ANDRE 14-7-6-3-2WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013527610000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0692 FSL 2364 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 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"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 11/11/2014 <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 type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>Pro Petro SM Rig #1 spudded 30" hole on 11/11/2014 and drilled to 88' Patterson Rig #290 RKB. Set 20", 52.78# (0.250" wall), A53B conductor pipe at 88' Patterson Rig #290 RKB and cemented to surface with Pro Petro Cementers on 11/11/2014. Cement Job: Pumped 10 bbls fresh water flush ahead of cement. Mixed and pumped 450 sacks (92 bbls) of Premium Class G Cement with 2% CaCl₂, and 1/4 lb/sk flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 18.5 bbls fresh water. Finished pumping @ 19:00 PM on 11/11/2014. 2 bbls cement to surface. Shut in well after pumping stopped. Hole stood full after pumping stopped. Kylan Cook notified UDOGM and BLM by e-mail @ 08:30 AM on 11/10/2014 to spud conductor hole on 11/11/2014.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 24, 2014</p>		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A		DATE 11/24/2014

NEWFIELD

Casing

Conductor

Legal Well Name Andre 14-7-6-3-2WH		Wellbore Name Original Hole		
API/UWI 430135276100X1	Surface Legal Location SWSE 629FSL 2364FEL SEC7 T3S R2W MERU	Field Name UINTA CB - UTELAND BUTTE	Well Type Development	Well Configuration Type Horizontal
Well RC 500364465	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	30	28	88	11/11/2014	11/11/2014

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing				
Casing Description Conductor	Set Depth (ftKB)	Run Date	Set Tension (kips)	
	88	11/11/2014		
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	A53B	Welded	2	60.00	28.0	88.0			

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 Andre 14-7-6-3-2WH		Wellbore Name Original Hole			
API/UWI 430135276100X1	Surface Legal Location SWSE 629FSL 2364FEL SEC7 T3S R2W MERU		Field Name UINTA CB - UTELAND BUTTE	Well Type Development	Well Configuration Type Horizontal
Well RC 500364465	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	30	28	88	11/11/2014	11/11/2014
Vertical	17 1/2	88	1,683	11/19/2014	11/20/2014

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing				
Casing Description Surface	Set Depth (ftKB) 1,669	Run Date 11/21/2014	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	1,594.82	28.0	1,622.9			
Float Collar					BTC	1	1.50	1,622.9	1,624.4			
Casing Joints	13 3/8	12.615	54.50	J-55	BTC	1	43.64	1,624.4	1,668.0			
Guide Shoe					BTC	1	1.00	1,668.0	1,669.0			

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							

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro SM #1
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number Andre 14-7-6-3-2WH
Qtr/Qtr SW/SE Section 7 Township 3S Range 2W
Lease Serial Number 14-20-H62-6269
API Number 43-013-52761

CONFIDENTIAL

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

Date/Time 11/11/2014 08:30 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 _____

BLM - Vernal Field Office - Notification Form

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

Well Name/Number Andre 14-7-6-3-2WH
Qtr/Qtr SW/SE Section 7 Township 3S Range 2W
Lease Serial Number 14-20-H62-6269
API Number 43013527610000

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 1/15/2015 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 will Be running 9 5/8" on the Andre 14-7-6-3-2WH on 1/15/2015 @ 06:00

BLM - Vernal Field Office - Notification Form

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

Well Name/Number Andre 14-7-6-3-2WH
 Qtr/Qtr SW/SE Section 7 Township 3S Range 2W
 Lease Serial Number 14-20-H62-6269
 API Number 43013527610000

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 2/8/2015 17:00 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 will Be running 5.5" on the Andre 14-7-6-3-2WH on 2/8/2015 @ 17:00

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

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

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

5. Lease Serial No.
1420H626269

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

7. Unit or CA Agreement Name and No.

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

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

8. Lease Name and Well No.
ANDRE 14-7-6-3-2WH

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 692' FSL 2364' FEL (SW/SE) SEC 7 T3S R2W
 At top prod. interval reported below 468' FSL 2456' FWL (SE/SW) SEC 7 T3S R2W
 At total depth 428' FNL 2522' FWL (NE/NW) SEC 6 T3S R2W

9. API Well No.
43-013-52761

10. Field and Pool or Exploratory
UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area
SEC 7 T3S R2W

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
11/11/2014

15. Date T.D. Reached
02/11/2015

16. Date Completed 04/23/2015
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5189' GL 5217' KB

18. Total Depth: MD 18795'
TVD 9329'

19. Plug Back T.D.: MD 18738'
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
19-1/2"	13-3/8" J-55	54.50	0'	1669'		1215 CLASS G			
12-5/8"	9-5/8" N-80	40.00	0'	8505'		1397 CLASS G		1850'	
8-7/8"	5-1/2" P-110	20	0'	18784'		2250 Elasticem			

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	Perforation Interval	Size	No. Holes	Perf. Status
A) UTELAND BUTTE	9475'	18524'	9475' - 18524' MD	0.38	735	
B) UTELAND BUTTE	18602'	18647'	18602' - 18647' MD			SLEEVE
C)						
D)						

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

Depth Interval	Amount and Type of Material
9475' - 18647' MD	Frac w/ 5,343,000#s of proppant sand in 91,512 bbls of clean fluid, in 36 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/22/15	5/2/15	24	→	516	258	1177			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
				POINT 3	7291'
				DOUGLAS CREEK CP LIMESTONE	7658' 7876'
				UTELAND BUTTE	8972'

32. Additional remarks (include plugging procedure):

BOTTOM PRODUCING INTERVAL: 885' FNL 2516' FWL (NE/NW) SEC 6 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 05/21/2015

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.

NEWFIELD

Directional Survey

Legal Well Name Andre 14-7-6-3-2WH				Wellbore Name Original Hole					
API/UWI 43013527610000		Surface Legal Location SWSE 629FSL 2364FEL SEC7 T3S R2W MERU		Field Name UINTA CB - UTELAND BUTTE		Well Type Development		Well Configuration Type Horizontal	
Well RC 500364465		County Duchesne		State/Province Utah		Spud Date		Final Rig Release Date 2/11/2015 09:00	

Actual Deviation Survey Surface hole surveys. PATTERSON #290 RKB., Proposed? No		Wellbore Name Original Hole		Parent Wellbore		Job		VS Dir (°) 0.00		Profile Type		Kick Off Depth (ftKB) 8.451	
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Date 11/19/2014		Definitive? No		Description Surface hole surveys. PATTERSON #290 RKB.				Proposed? No	
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MD Tie In (ftKB)		TVD Tie In (ftKB)		Inclination Tie In (°)		Azimuth Tie In (°)		NSTie In (ft)		EWTie In (ft)	
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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
11/20/2014	0	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	MWD	Payzone
11/19/2014	126	0.40	207.60	126	0	0	0	0.32	0.32	164.76	0.44	MWD	Payzone
11/19/2014	154	0.20	176.60	154	-1	-1	0	0.90	-0.71	-110.71	0.58	MWD	Payzone
11/19/2014	183	0.53	198.44	183	-1	-1	0	1.21	1.14	75.31	0.76	MWD	Payzone
11/19/2014	214	0.26	213.77	214	-1	-1	0	0.93	-0.87	49.45	0.98	MWD	Payzone
11/19/2014	243	0.66	193.91	243	-1	-1	0	1.46	1.38	-68.48	1.21	MWD	Payzone
11/19/2014	270	0.79	196.99	270	-1	-1	-1	0.50	0.48	11.41	1.55	MWD	Payzone
11/19/2014	297	0.83	219.09	297	-2	-2	-1	1.16	0.15	81.85	1.92	MWD	Payzone
11/19/2014	326	0.75	203.93	326	-2	-2	-1	0.77	-0.28	-52.28	2.32	MWD	Payzone
11/19/2014	353	1.23	206.48	353	-3	-3	-1	1.78	1.78	9.44	2.78	MWD	Payzone
11/19/2014	381	1.19	205.34	381	-3	-3	-1	0.17	-0.14	-4.07	3.38	MWD	Payzone
11/19/2014	408	1.32	212.90	408	-4	-4	-2	0.78	0.48	28.00	3.97	MWD	Payzone
11/19/2014	437	2.02	216.76	437	-4	-4	-2	2.44	2.41	13.31	4.81	MWD	Payzone
11/19/2014	469	1.71	213.38	469	-5	-5	-3	1.03	-0.97	-10.56	5.85	MWD	Payzone
11/19/2014	499	2.33	219.93	499	-6	-6	-3	2.20	2.07	21.83	6.91	MWD	Payzone
11/19/2014	529	2.86	221.29	529	-7	-7	-4	1.78	1.77	4.53	8.27	MWD	Payzone
11/19/2014	559	2.81	218.83	559	-8	-8	-5	0.44	-0.17	-8.20	9.75	MWD	Payzone
11/19/2014	589	2.99	227.53	589	-9	-9	-6	1.58	0.60	29.00	11.26	MWD	Payzone
11/19/2014	619	2.99	227.57	619	-10	-10	-7	0.01	0.00	0.13	12.83	MWD	Payzone
11/19/2014	649	2.99	233.46	649	-11	-11	-9	1.02	0.00	19.63	14.39	MWD	Payzone
11/19/2014	679	3.25	235.70	679	-12	-12	-10	0.96	0.87	7.47	16.02	MWD	Payzone
11/19/2014	709	3.30	237.51	709	-13	-13	-11	0.38	0.17	6.03	17.74	MWD	Payzone
11/19/2014	739	3.38	242.78	739	-14	-14	-13	1.06	0.27	17.57	19.48	MWD	Payzone
11/19/2014	769	3.21	244.36	769	-15	-15	-14	0.64	-0.57	5.27	21.21	MWD	Payzone
11/19/2014	799	3.03	250.82	798	-15	-15	-16	1.32	-0.60	21.53	22.84	MWD	Payzone

NEWFIELD

Directional Survey



Legal Well Name Andre 14-7-6-3-2WH				Wellbore Name Original Hole					
API/UWI 43013527610000		Surface Legal Location SWSE 629FSL 2364FEL SEC7 T3S R2W MERU		Field Name UINTA CB - UTELAND BUTTE		Well Type Development		Well Configuration Type Horizontal	
Well RC 500364465		County Duchesne		State/Province Utah		Spud Date		Final Rig Release Date 2/11/2015 09:00	

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
11/19/2014	829	3.21	258.56	828	-16	-16	-18	1.53	0.60	25.80	24.47	MWD	Payzone
11/19/2014	859	3.30	263.17	858	-16	-16	-19	0.92	0.30	15.37	26.17	MWD	Payzone
11/19/2014	889	3.21	265.98	888	-16	-16	-21	0.61	-0.30	9.37	27.87	MWD	Payzone
11/19/2014	919	3.08	269.28	918	-16	-16	-23	0.74	-0.43	11.00	29.52	MWD	Payzone
11/19/2014	949	2.99	267.43	948	-16	-16	-24	0.44	-0.30	-6.17	31.10	MWD	Payzone
11/19/2014	979	2.46	263.65	978	-17	-17	-26	1.86	-1.77	-12.60	32.53	MWD	Payzone
11/19/2014	1,009	2.46	261.46	1,008	-17	-17	-27	0.31	0.00	-7.30	33.82	MWD	Payzone
11/19/2014	1,039	2.24	259.52	1,038	-17	-17	-28	0.78	-0.73	-6.47	35.05	MWD	Payzone
11/20/2014	1,069	2.07	263.08	1,068	-17	-17	-29	0.72	-0.57	11.87	36.17	MWD	Payzone
11/20/2014	1,099	2.20	247.26	1,098	-17	-17	-30	2.00	0.43	-52.73	37.28	MWD	Payzone
11/20/2014	1,129	1.80	243.48	1,128	-18	-18	-31	1.40	-1.33	-12.60	38.33	MWD	Payzone
11/20/2014	1,159	1.85	233.20	1,158	-18	-18	-32	1.10	0.17	-34.27	39.28	MWD	Payzone
11/20/2014	1,189	2.37	225.73	1,188	-19	-19	-33	1.96	1.73	-24.90	40.38	MWD	Payzone
11/20/2014	1,219	2.29	224.32	1,218	-20	-20	-34	0.33	-0.27	-4.70	41.60	MWD	Payzone
11/20/2014	1,249	2.77	218.04	1,248	-21	-21	-35	1.85	1.60	-20.93	42.92	MWD	Payzone
11/20/2014	1,279	2.72	218.78	1,278	-22	-22	-35	0.20	-0.17	2.47	44.36	MWD	Payzone
11/20/2014	1,309	2.37	222.39	1,308	-23	-23	-36	1.28	-1.17	12.03	45.69	MWD	Payzone
11/20/2014	1,339	2.42	220.63	1,338	-24	-24	-37	0.30	0.17	-5.87	46.95	MWD	Payzone
11/20/2014	1,369	2.50	226.17	1,368	-25	-25	-38	0.84	0.27	18.47	48.23	MWD	Payzone
11/20/2014	1,399	2.42	225.11	1,398	-26	-26	-39	0.31	-0.27	-3.53	49.52	MWD	Payzone
11/20/2014	1,429	2.29	222.83	1,428	-27	-27	-40	0.53	-0.43	-7.60	50.75	MWD	Payzone
11/20/2014	1,459	2.33	225.60	1,458	-28	-28	-41	0.40	0.13	9.23	51.96	MWD	Payzone
11/20/2014	1,489	2.29	231.66	1,488	-28	-28	-42	0.82	-0.13	20.20	53.17	MWD	Payzone
11/20/2014	1,519	2.24	228.45	1,518	-29	-29	-42	0.45	-0.17	-10.70	54.35	MWD	Payzone
11/20/2014	1,549	2.29	224.19	1,548	-30	-30	-43	0.59	0.17	-14.20	55.54	MWD	Payzone
11/20/2014	1,579	2.29	220.41	1,578	-31	-31	-44	0.50	0.00	-12.60	56.74	MWD	Payzone
11/20/2014	1,599	2.37	225.77	1,598	-31	-31	-45	1.16	0.40	26.80	57.55	MWD	Payzone
11/20/2014	1,745	2.68	214.93	1,744	-36	-36	-49	0.39	0.21	-7.42	63.95	MWD	Weatherford
11/20/2014	1,839	4.35	216.62	1,837	-41	-41	-52	1.78	1.78	1.80	69.71	MWD	Weatherford

NEWFIELD



Directional Survey

Legal Well Name Andre 14-7-6-3-2WH				Wellbore Name Original Hole					
API/UWI 43013527610000		Surface Legal Location SWSE 629FSL 2364FEL SEC7 T3S R2W MERU			Field Name UINTA CB - UTELAND BUTTE		Well Type Development	Well Configuration Type Horizontal	
Well RC 500364465		County Duchesne		State/Province Utah		Spud Date		Final Rig Release Date 2/11/2015 09:00	

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
11/20/2014	1,932	5.55	216.04	1,930	-47	-47	-57	1.29	1.29	-0.62	77.74	MWD	Weatherford
11/20/2014	2,026	7.16	215.12	2,023	-56	-56	-63	1.72	1.71	-0.98	88.14	MWD	Weatherford
11/20/2014	2,120	8.91	212.95	2,117	-67	-67	-70	1.89	1.86	-2.31	101.28	MWD	Weatherford
11/20/2014	2,214	10.75	212.61	2,209	-80	-80	-79	1.96	1.96	-0.36	117.33	MWD	Weatherford
11/20/2014	2,308	12.99	214.08	2,301	-96	-96	-90	2.40	2.38	1.56	136.66	MWD	Weatherford
11/20/2014	2,401	13.54	214.17	2,392	-114	-114	-102	0.59	0.59	0.10	158.00	MWD	Weatherford
11/20/2014	2,495	13.30	215.46	2,483	-132	-132	-114	0.41	-0.26	1.37	179.81	MWD	Weatherford
11/20/2014	2,589	12.87	214.71	2,575	-149	-149	-126	0.49	-0.46	-0.80	201.09	MWD	Weatherford
11/20/2014	2,683	13.80	215.33	2,666	-167	-167	-139	1.00	0.99	0.66	222.77	MWD	Weatherford
11/20/2014	2,776	14.11	213.74	2,756	-186	-186	-151	0.53	0.33	-1.71	245.20	MWD	Weatherford
11/20/2014	2,870	13.80	212.75	2,848	-205	-205	-164	0.42	-0.33	-1.05	267.87	MWD	Weatherford
11/20/2014	2,964	14.18	218.26	2,939	-223	-223	-177	1.47	0.40	5.86	290.57	MWD	Weatherford
11/20/2014	3,057	14.15	218.37	3,029	-241	-241	-191	0.04	-0.03	0.12	313.33	MWD	Weatherford
11/20/2014	3,151	14.02	218.25	3,120	-259	-259	-205	0.14	-0.14	-0.13	336.20	MWD	Weatherford
11/20/2014	3,245	14.08	216.58	3,211	-277	-277	-219	0.44	0.06	-1.78	359.02	MWD	Weatherford
11/20/2014	3,338	13.65	217.01	3,302	-295	-295	-233	0.48	-0.46	0.46	381.30	MWD	Weatherford
11/20/2014	3,432	13.66	215.28	3,393	-313	-313	-246	0.43	0.01	-1.84	403.49	MWD	Weatherford
11/20/2014	3,526	13.47	215.77	3,484	-331	-331	-258	0.24	-0.20	0.52	425.54	MWD	Weatherford
11/20/2014	3,619	13.07	215.83	3,575	-348	-348	-271	0.43	-0.43	0.06	446.89	MWD	Weatherford
11/20/2014	3,713	12.77	214.90	3,667	-365	-365	-283	0.39	-0.32	-0.99	467.90	MWD	Weatherford
11/20/2014	3,807	11.98	215.10	3,758	-382	-382	-295	0.84	-0.84	0.21	488.05	MWD	Weatherford
11/20/2014	3,900	13.35	215.43	3,849	-398	-398	-306	1.48	1.47	0.35	508.44	MWD	Weatherford
11/20/2014	3,994	13.98	216.00	3,940	-416	-416	-319	0.69	0.67	0.61	530.65	MWD	Weatherford
11/20/2014	4,088	13.79	216.07	4,032	-435	-435	-333	0.20	-0.20	0.07	553.20	MWD	Weatherford
11/20/2014	4,181	13.43	214.84	4,122	-452	-452	-345	0.50	-0.39	-1.32	575.09	MWD	Weatherford
11/20/2014	4,275	13.20	213.86	4,214	-470	-470	-358	0.34	-0.24	-1.04	596.73	MWD	Weatherford
11/20/2014	4,369	13.10	214.75	4,305	-488	-488	-370	0.24	-0.11	0.95	618.12	MWD	Weatherford
11/20/2014	4,462	12.58	214.22	4,396	-505	-505	-381	0.57	-0.56	-0.57	638.79	MWD	Weatherford
11/20/2014	4,556	13.84	214.54	4,487	-523	-523	-393	1.34	1.34	0.34	660.27	MWD	Weatherford

NEWFIELD

Directional Survey

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11/20/2014	4,649	13.81	214.66	4,578	-541	-541	-406	0.04	-0.03	0.13	682.49	MWD	Weatherford
11/20/2014	4,743	13.53	215.55	4,669	-559	-559	-419	0.37	-0.30	0.95	704.70	MWD	Weatherford
11/20/2014	4,837	13.44	214.66	4,760	-577	-577	-431	0.24	-0.10	-0.95	726.62	MWD	Weatherford
11/20/2014	4,930	13.24	214.63	4,851	-595	-595	-444	0.22	-0.22	-0.03	748.08	MWD	Weatherford
11/20/2014	5,024	12.92	215.49	4,942	-612	-612	-456	0.40	-0.34	0.91	769.35	MWD	Weatherford
11/20/2014	5,117	14.03	218.71	5,033	-629	-629	-469	1.44	1.19	3.46	791.02	MWD	Weatherford
11/20/2014	5,211	14.25	220.13	5,124	-647	-647	-484	0.44	0.23	1.51	813.98	MWD	Weatherford
11/20/2014	5,305	13.96	219.78	5,215	-665	-665	-498	0.32	-0.31	-0.37	836.88	MWD	Weatherford
11/20/2014	5,398	13.51	218.33	5,305	-682	-682	-512	0.61	-0.48	-1.56	858.96	MWD	Weatherford
11/20/2014	5,492	14.34	217.67	5,397	-700	-700	-526	0.90	0.88	-0.70	881.58	MWD	Weatherford
11/20/2014	5,586	13.77	216.44	5,488	-718	-718	-540	0.68	-0.61	-1.31	904.41	MWD	Weatherford
11/20/2014	5,678	12.92	214.89	5,577	-735	-735	-552	1.00	-0.92	-1.68	925.64	MWD	Weatherford
11/20/2014	5,772	12.34	214.23	5,669	-752	-752	-564	0.64	-0.62	-0.70	946.20	MWD	Weatherford
11/20/2014	5,866	13.72	216.43	5,761	-769	-769	-576	1.56	1.47	2.34	967.39	MWD	Weatherford
11/20/2014	5,959	13.75	215.45	5,851	-787	-787	-589	0.25	0.03	-1.05	989.47	MWD	Weatherford
11/20/2014	6,053	12.89	216.01	5,942	-805	-805	-602	0.93	-0.91	0.60	1,011.12	MWD	Weatherford
11/20/2014	6,147	12.27	214.03	6,034	-822	-822	-614	0.80	-0.66	-2.11	1,031.59	MWD	Weatherford
11/20/2014	6,240	13.55	212.36	6,125	-839	-839	-625	1.43	1.38	-1.80	1,052.37	MWD	Weatherford
11/20/2014	6,334	13.90	211.70	6,216	-858	-858	-637	0.41	0.37	-0.70	1,074.67	MWD	Weatherford
11/20/2014	6,428	13.34	210.50	6,308	-877	-877	-648	0.67	-0.60	-1.28	1,096.81	MWD	Weatherford
11/20/2014	6,521	12.75	211.57	6,398	-895	-895	-659	0.69	-0.63	1.15	1,117.80	MWD	Weatherford
11/20/2014	6,615	12.19	210.91	6,490	-912	-912	-670	0.61	-0.60	-0.70	1,138.09	MWD	Weatherford
11/20/2014	6,709	13.24	213.84	6,582	-930	-930	-681	1.31	1.12	3.12	1,158.78	MWD	Weatherford
11/20/2014	6,802	12.64	213.82	6,672	-947	-947	-692	0.65	-0.65	-0.02	1,179.60	MWD	Weatherford
11/20/2014	6,896	12.12	214.40	6,764	-964	-964	-704	0.57	-0.55	0.62	1,199.75	MWD	Weatherford
11/20/2014	6,990	11.69	212.95	6,856	-980	-980	-714	0.56	-0.46	-1.54	1,219.14	MWD	Weatherford
11/20/2014	7,083	12.50	217.81	6,947	-996	-996	-726	1.40	0.87	5.23	1,238.61	MWD	Weatherford
11/20/2014	7,177	12.00	218.67	7,039	-1,011	-1,011	-738	0.57	-0.53	0.91	1,258.56	MWD	Weatherford
11/20/2014	7,271	11.41	218.72	7,131	-1,026	-1,026	-750	0.63	-0.63	0.05	1,277.63	MWD	Weatherford

NEWFIELD

Directional Survey

Legal Well Name Andre 14-7-6-3-2WH				Wellbore Name Original Hole						
API/UWI 43013527610000		Surface Legal Location SWSE 629FSL 2364FEL SEC7 T3S R2W MERU			Field Name UINTA CB - UTELAND BUTTE		Well Type Development		Well Configuration Type Horizontal	
Well RC 500364465		County Duchesne		State/Province Utah		Spud Date		Final Rig Release Date 2/11/2015 09:00		

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
11/20/2014	7,364	10.79	216.79	7,222	-1,040	-1,040	-761	0.78	-0.67	-2.08	1,295.53	MWD	Weatherford
11/20/2014	7,458	10.49	215.87	7,315	-1,054	-1,054	-771	0.37	-0.32	-0.98	1,312.88	MWD	Weatherford
11/20/2014	7,551	10.10	214.99	7,406	-1,068	-1,068	-781	0.45	-0.42	-0.95	1,329.50	MWD	Weatherford
11/20/2014	7,645	9.59	213.69	7,499	-1,081	-1,081	-790	0.59	-0.54	-1.38	1,345.58	MWD	Weatherford
11/20/2014	7,739	9.39	215.19	7,591	-1,094	-1,094	-799	0.34	-0.21	1.60	1,361.07	MWD	Weatherford
11/20/2014	7,833	6.18	229.32	7,684	-1,103	-1,103	-807	3.95	-3.41	15.03	1,373.71	MWD	Weatherford
11/20/2014	7,927	5.22	256.94	7,778	-1,108	-1,108	-815	3.06	-1.02	29.38	1,382.78	MWD	Weatherford
11/20/2014	8,020	6.86	274.05	7,871	-1,108	-1,108	-824	2.60	1.76	18.40	1,392.46	MWD	Weatherford
11/20/2014	8,114	8.78	298.00	7,964	-1,104	-1,104	-836	3.98	2.04	25.48	1,404.98	MWD	Weatherford
11/20/2014	8,208	10.63	319.45	8,056	-1,095	-1,095	-848	4.29	1.97	22.82	1,420.56	MWD	Weatherford
11/20/2014	8,301	13.38	339.11	8,147	-1,078	-1,078	-858	5.26	2.96	21.14	1,439.63	MWD	Weatherford
11/20/2014	8,395	16.79	355.54	8,238	-1,054	-1,054	-863	5.78	3.63	17.48	1,463.85	MWD	Weatherford
11/20/2014	8,455	19.00	358.53	8,295	-1,036	-1,036	-864	3.99	3.68	4.98	1,482.28	MWD	Weatherford
11/20/2014	8,549	19.01	0.43	8,384	-1,005	-1,005	-864	0.66	0.01	-380.96	1,512.89	MWD	Weatherford
11/20/2014	8,580	19.61	3.89	8,413	-995	-995	-864	4.17	1.94	11.16	1,523.13	MWD	Weatherford
11/20/2014	8,612	21.18	6.41	8,443	-984	-984	-863	5.62	4.91	7.88	1,534.28	MWD	Weatherford
11/20/2014	8,643	23.85	7.35	8,472	-972	-972	-861	8.69	8.61	3.03	1,546.15	MWD	Weatherford
11/20/2014	8,674	25.96	8.12	8,500	-959	-959	-859	6.89	6.81	2.48	1,559.20	MWD	Weatherford
11/20/2014	8,705	27.42	7.72	8,528	-945	-945	-857	4.75	4.71	-1.29	1,573.13	MWD	Weatherford
11/20/2014	8,737	28.97	7.40	8,556	-930	-930	-855	4.87	4.84	-1.00	1,588.25	MWD	Weatherford
11/20/2014	8,768	30.25	8.25	8,583	-915	-915	-853	4.35	4.13	2.74	1,603.56	MWD	Weatherford
11/20/2014	8,799	32.92	8.08	8,609	-899	-899	-851	8.62	8.61	-0.55	1,619.80	MWD	Weatherford
11/20/2014	8,830	34.91	8.36	8,635	-882	-882	-849	6.44	6.42	0.90	1,637.09	MWD	Weatherford
11/20/2014	8,861	36.14	9.04	8,660	-864	-864	-846	4.17	3.97	2.19	1,655.11	MWD	Weatherford
11/20/2014	8,893	39.13	9.37	8,686	-845	-845	-843	9.36	9.34	1.03	1,674.64	MWD	Weatherford
11/20/2014	8,924	42.36	9.62	8,709	-825	-825	-839	10.43	10.42	0.81	1,694.87	MWD	Weatherford
11/20/2014	8,955	45.87	9.28	8,731	-804	-804	-836	11.35	11.32	-1.10	1,716.45	MWD	Weatherford
11/20/2014	8,986	49.32	9.63	8,752	-781	-781	-832	11.16	11.13	1.13	1,739.34	MWD	Weatherford
11/20/2014	9,018	52.43	9.22	8,772	-757	-757	-828	9.77	9.72	-1.28	1,764.16	MWD	Weatherford

NEWFIELD

Directional Survey

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11/20/2014	9,049	55.97	8.81	8,791	-732	-732	-824	11.47	11.42	-1.32	1,789.30	MWD	Weatherford
11/20/2014	9,080	59.77	8.21	8,807	-706	-706	-820	12.37	12.26	-1.94	1,815.54	MWD	Weatherford
11/20/2014	9,111	63.06	6.60	8,822	-679	-679	-817	11.55	10.61	-5.19	1,842.76	MWD	Weatherford
11/20/2014	9,142	66.80	5.49	8,835	-651	-651	-814	12.49	12.06	-3.58	1,870.83	MWD	Weatherford
11/20/2014	9,174	70.31	3.57	8,847	-621	-621	-811	12.31	10.97	-6.00	1,900.61	MWD	Weatherford
11/20/2014	9,205	73.89	2.24	8,856	-592	-592	-810	12.25	11.55	-4.29	1,930.11	MWD	Weatherford
11/20/2014	9,236	77.33	0.71	8,864	-562	-562	-809	12.08	11.10	-4.94	1,960.13	MWD	Weatherford
11/20/2014	9,267	80.53	359.05	8,870	-531	-531	-809	11.58	10.32	1155.94	1,990.55	MWD	Weatherford
11/20/2014	9,298	83.95	357.44	8,874	-501	-501	-810	12.17	11.03	-5.19	2,021.26	MWD	Weatherford
11/20/2014	9,330	87.16	356.21	8,877	-469	-469	-812	10.74	10.03	-3.84	2,053.16	MWD	Weatherford
11/20/2014	9,392	87.41	356.11	8,880	-407	-407	-816	0.43	0.40	-0.16	2,115.09	MWD	Weatherford
11/20/2014	9,486	88.03	355.96	8,883	-313	-313	-823	0.68	0.66	-0.16	2,209.01	MWD	Weatherford
11/20/2014	9,579	85.68	355.74	8,888	-221	-221	-829	2.54	-2.53	-0.24	2,301.86	MWD	Weatherford
11/20/2014	9,673	86.79	356.70	8,895	-127	-127	-835	1.56	1.18	1.02	2,395.66	MWD	Weatherford
11/20/2014	9,766	86.30	355.68	8,900	-34	-34	-842	1.21	-0.53	-1.10	2,488.49	MWD	Weatherford
11/20/2014	9,860	86.49	354.30	8,906	59	59	-850	1.48	0.20	-1.47	2,582.30	MWD	Weatherford
11/20/2014	9,954	86.54	355.19	8,912	152	152	-858	0.95	0.05	0.95	2,676.13	MWD	Weatherford
11/20/2014	10,047	87.29	356.53	8,917	245	245	-865	1.65	0.81	1.44	2,768.99	MWD	Weatherford
11/20/2014	10,141	88.21	358.61	8,921	339	339	-869	2.42	0.98	2.21	2,862.91	MWD	Weatherford
11/20/2014	10,235	87.97	357.44	8,924	433	433	-872	1.27	-0.26	-1.24	2,956.86	MWD	Weatherford
11/20/2014	10,328	89.14	357.70	8,926	526	526	-876	1.29	1.26	0.28	3,049.82	MWD	Weatherford
11/20/2014	10,422	88.83	0.23	8,928	620	620	-878	2.71	-0.33	-380.29	3,143.80	MWD	Weatherford
11/20/2014	10,515	88.33	0.46	8,930	713	713	-877	0.59	-0.54	0.25	3,236.77	MWD	Weatherford
11/20/2014	10,609	87.72	0.25	8,933	806	806	-877	0.69	-0.65	-0.22	3,330.72	MWD	Weatherford
11/20/2014	10,703	85.93	359.55	8,938	900	900	-877	2.04	-1.90	382.23	3,424.57	MWD	Weatherford
11/20/2014	10,796	85.87	359.60	8,945	993	993	-878	0.08	-0.06	0.05	3,517.33	MWD	Weatherford
11/20/2014	10,890	85.50	359.70	8,952	1,087	1,087	-878	0.41	-0.39	0.11	3,611.06	MWD	Weatherford
11/20/2014	10,984	86.73	359.99	8,958	1,181	1,181	-879	1.34	1.31	0.31	3,704.85	MWD	Weatherford
11/20/2014	11,077	86.60	358.41	8,964	1,273	1,273	-880	1.70	-0.14	-1.70	3,797.68	MWD	Weatherford

NEWFIELD

Directional Survey

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11/20/2014	11,171	87.10	358.20	8,969	1,367	1,367	-883	0.58	0.53	-0.22	3,891.54	MWD	Weatherford
11/20/2014	11,265	87.96	358.88	8,973	1,461	1,461	-885	1.17	0.91	0.72	3,985.45	MWD	Weatherford
11/20/2014	11,358	88.64	0.73	8,976	1,554	1,554	-885	2.12	0.73	-385.11	4,078.41	MWD	Weatherford
11/20/2014	11,452	86.54	0.22	8,980	1,648	1,648	-885	2.30	-2.23	-0.54	4,172.32	MWD	Weatherford
11/20/2014	11,546	88.09	1.66	8,984	1,742	1,742	-883	2.25	1.65	1.53	4,266.21	MWD	Weatherford
11/20/2014	11,639	88.39	2.54	8,987	1,835	1,835	-880	1.00	0.32	0.95	4,359.17	MWD	Weatherford
11/20/2014	11,733	87.47	1.89	8,990	1,929	1,929	-876	1.20	-0.98	-0.69	4,453.10	MWD	Weatherford
11/20/2014	11,827	85.44	1.37	8,996	2,022	2,022	-873	2.23	-2.16	-0.55	4,546.92	MWD	Weatherford
11/20/2014	11,920	88.27	0.44	9,001	2,115	2,115	-872	3.20	3.04	-1.00	4,639.77	MWD	Weatherford
11/20/2014	12,014	87.47	1.58	9,005	2,209	2,209	-870	1.48	-0.85	1.21	4,733.70	MWD	Weatherford
11/20/2014	12,108	86.85	0.47	9,010	2,303	2,303	-868	1.35	-0.66	-1.18	4,827.58	MWD	Weatherford
11/20/2014	12,201	86.73	359.16	9,015	2,396	2,396	-869	1.41	-0.13	385.69	4,920.43	MWD	Weatherford
11/20/2014	12,295	87.90	358.61	9,019	2,490	2,490	-871	1.38	1.24	-0.59	5,014.33	MWD	Weatherford
11/20/2014	12,389	87.59	358.93	9,023	2,584	2,584	-873	0.47	-0.33	0.34	5,108.26	MWD	Weatherford
11/20/2014	12,482	87.16	359.51	9,027	2,677	2,677	-874	0.78	-0.46	0.62	5,201.16	MWD	Weatherford
11/20/2014	12,576	86.48	0.51	9,032	2,770	2,770	-874	1.29	-0.72	-381.91	5,295.01	MWD	Weatherford
11/20/2014	12,669	86.05	359.24	9,038	2,863	2,863	-874	1.44	-0.46	385.73	5,387.81	MWD	Weatherford
11/20/2014	12,763	87.53	359.11	9,044	2,957	2,957	-875	1.58	1.57	-0.14	5,481.66	MWD	Weatherford
11/20/2014	12,856	87.66	0.83	9,048	3,050	3,050	-875	1.85	0.14	-385.25	5,574.58	MWD	Weatherford
11/20/2014	12,950	87.29	0.20	9,052	3,144	3,144	-875	0.78	-0.39	-0.67	5,668.48	MWD	Weatherford
11/20/2014	13,044	84.51	359.20	9,058	3,238	3,238	-875	3.14	-2.96	381.91	5,762.23	MWD	Weatherford
11/20/2014	13,137	87.96	1.39	9,065	3,330	3,330	-875	4.39	3.71	-384.74	5,855.01	MWD	Weatherford
11/20/2014	13,231	85.74	0.19	9,070	3,424	3,424	-873	2.68	-2.36	-1.28	5,948.86	MWD	Weatherford
11/20/2014	13,325	83.32	0.01	9,079	3,518	3,518	-873	2.58	-2.57	-0.19	6,042.43	MWD	Weatherford
11/20/2014	13,418	84.32	0.73	9,089	3,610	3,610	-873	1.32	1.08	0.77	6,134.89	MWD	Weatherford
11/20/2014	13,512	88.34	0.89	9,095	3,704	3,704	-871	4.28	4.28	0.17	6,228.67	MWD	Weatherford
11/20/2014	13,606	87.53	359.10	9,098	3,798	3,798	-871	2.09	-0.86	381.07	6,322.61	MWD	Weatherford
11/20/2014	13,700	86.79	359.57	9,103	3,892	3,892	-872	0.93	-0.79	0.50	6,416.49	MWD	Weatherford
11/20/2014	13,793	86.39	358.53	9,108	3,985	3,985	-874	1.20	-0.43	-1.12	6,509.33	MWD	Weatherford

NEWFIELD

Directional Survey

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11/20/2014	13.887	87.66	357.44	9,113	4,079	4,079	-877	1.78	1.35	-1.16	6,603.20	MWD	Weatherford
11/20/2014	13.981	86.61	358.28	9,118	4,172	4,172	-881	1.43	-1.12	0.89	6,697.08	MWD	Weatherford
11/20/2014	14.075	87.96	358.96	9,122	4,266	4,266	-883	1.61	1.44	0.72	6,790.97	MWD	Weatherford
11/20/2014	14.168	87.29	359.41	9,126	4,359	4,359	-884	0.87	-0.72	0.48	6,883.89	MWD	Weatherford
11/20/2014	14.262	86.67	0.15	9,131	4,453	4,453	-885	1.03	-0.66	-382.19	6,977.76	MWD	Weatherford
11/20/2014	14.356	87.23	2.48	9,136	4,547	4,547	-882	2.55	0.60	2.48	7,071.62	MWD	Weatherford
11/20/2014	14.450	86.30	2.57	9,141	4,641	4,641	-878	0.99	-0.99	0.10	7,165.47	MWD	Weatherford
11/20/2014	14.542	87.29	1.65	9,147	4,732	4,732	-875	1.47	1.08	-1.00	7,257.32	MWD	Weatherford
11/20/2014	14.636	87.80	0.47	9,151	4,826	4,826	-873	1.37	0.54	-1.26	7,351.23	MWD	Weatherford
11/20/2014	14.729	88.15	0.57	9,154	4,919	4,919	-872	0.39	0.38	0.11	7,444.17	MWD	Weatherford
11/20/2014	14.823	86.05	0.57	9,159	5,013	5,013	-871	2.23	-2.23	0.00	7,538.05	MWD	Weatherford
11/20/2014	14.917	87.84	0.02	9,164	5,107	5,107	-871	1.99	1.90	-0.59	7,631.91	MWD	Weatherford
11/20/2014	15,010	87.90	359.77	9,167	5,200	5,200	-871	0.28	0.06	386.83	7,724.84	MWD	Weatherford
11/20/2014	15,104	87.97	359.36	9,170	5,294	5,294	-872	0.44	0.07	-0.44	7,818.78	MWD	Weatherford
11/20/2014	15,291	89.21	0.65	9,175	5,481	5,481	-872	0.96	0.66	-191.82	8,005.72	MWD	Weatherford
11/20/2014	15,385	84.57	358.68	9,180	5,575	5,575	-872	5.36	-4.94	380.88	8,099.55	MWD	Weatherford
11/20/2014	15,479	87.53	0.08	9,187	5,668	5,668	-873	3.48	3.15	-381.49	8,193.31	MWD	Weatherford
11/20/2014	15,573	87.90	359.74	9,190	5,762	5,762	-874	0.53	0.39	382.62	8,287.24	MWD	Weatherford
11/20/2014	15,666	86.61	359.94	9,195	5,855	5,855	-874	1.40	-1.39	0.22	8,380.13	MWD	Weatherford
11/20/2014	15,760	89.38	0.28	9,198	5,949	5,949	-874	2.97	2.95	-382.62	8,474.06	MWD	Weatherford
11/20/2014	15,853	86.36	359.67	9,202	6,042	6,042	-874	3.31	-3.25	386.44	8,566.99	MWD	Weatherford
11/20/2014	15,947	86.92	355.75	9,207	6,136	6,136	-877	4.21	0.60	-4.17	8,660.81	MWD	Weatherford
11/20/2014	16,040	90.31	357.03	9,209	6,228	6,228	-883	3.90	3.65	1.38	8,753.77	MWD	Weatherford
11/20/2014	16,134	86.67	354.73	9,212	6,322	6,322	-890	4.58	-3.87	-2.45	8,847.71	MWD	Weatherford
11/20/2014	16,228	86.30	356.43	9,218	6,416	6,416	-897	1.85	-0.39	1.81	8,941.53	MWD	Weatherford
11/20/2014	16,321	87.18	1.18	9,223	6,509	6,509	-899	5.19	0.95	-381.99	9,034.35	MWD	Weatherford
11/20/2014	16,415	88.09	3.70	9,227	6,602	6,602	-895	2.85	0.97	2.68	9,128.26	MWD	Weatherford
11/20/2014	16,509	87.10	2.33	9,231	6,696	6,696	-890	1.80	-1.05	-1.46	9,222.18	MWD	Weatherford
11/20/2014	16,602	88.50	1.71	9,234	6,789	6,789	-887	1.65	1.51	-0.67	9,315.11	MWD	Weatherford

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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
11/20/2014	16,696	88.70	1.37	9,237	6,883	6,883	-884	0.42	0.21	-0.36	9,409.08	MWD	Weatherford
11/20/2014	16,790	89.14	3.82	9,238	6,977	6,977	-880	2.65	0.47	2.61	9,503.05	MWD	Weatherford
11/20/2014	16,884	87.53	1.53	9,241	7,071	7,071	-876	2.98	-1.71	-2.44	9,597.00	MWD	Weatherford
11/20/2014	17,071	86.85	359.64	9,250	7,257	7,257	-874	1.07	-0.36	191.50	9,783.77	MWD	Weatherford
11/20/2014	17,165	87.04	0.18	9,255	7,351	7,351	-874	0.61	0.20	-382.40	9,877.64	MWD	Weatherford
11/20/2014	17,258	87.04	359.24	9,260	7,444	7,444	-875	1.01	0.00	386.09	9,970.51	MWD	Weatherford
11/20/2014	17,352	87.47	359.02	9,265	7,538	7,538	-876	0.51	0.46	-0.23	10,064.40	MWD	Weatherford
11/20/2014	17,446	86.74	359.77	9,269	7,632	7,632	-877	1.11	-0.78	0.80	10,158.28	MWD	Weatherford
11/20/2014	17,539	87.41	359.77	9,274	7,725	7,725	-877	0.72	0.72	0.00	10,251.16	MWD	Weatherford
11/20/2014	17,633	86.91	359.26	9,279	7,819	7,819	-878	0.76	-0.53	-0.54	10,345.04	MWD	Weatherford
11/20/2014	17,727	87.17	358.85	9,284	7,913	7,913	-880	0.52	0.28	-0.44	10,438.92	MWD	Weatherford
11/20/2014	17,820	86.67	359.69	9,289	8,005	8,005	-881	1.05	-0.54	0.90	10,531.78	MWD	Weatherford
11/20/2014	17,914	87.53	359.06	9,293	8,099	8,099	-882	1.13	0.91	-0.67	10,625.66	MWD	Weatherford
11/20/2014	18,008	86.73	0.31	9,298	8,193	8,193	-882	1.58	-0.85	-381.65	10,719.54	MWD	Weatherford
11/20/2014	18,101	86.30	0.28	9,304	8,286	8,286	-882	0.46	-0.46	-0.03	10,812.37	MWD	Weatherford
11/20/2014	18,195	88.24	1.18	9,308	8,380	8,380	-881	2.27	2.06	0.96	10,906.26	MWD	Weatherford
11/20/2014	18,289	88.03	2.11	9,311	8,474	8,474	-878	1.01	-0.22	0.99	11,000.21	MWD	Weatherford
11/20/2014	18,382	89.03	2.06	9,314	8,567	8,567	-875	1.08	1.08	-0.05	11,093.17	MWD	Weatherford
11/20/2014	18,476	88.03	0.39	9,316	8,661	8,661	-873	2.07	-1.06	-1.78	11,187.14	MWD	Weatherford
11/20/2014	18,570	86.86	359.09	9,320	8,755	8,755	-873	1.86	-1.24	381.60	11,281.04	MWD	Weatherford
11/20/2014	18,664	87.27	0.65	9,325	8,848	8,848	-873	1.71	0.44	-381.32	11,374.91	MWD	Weatherford
11/20/2014	18,757	88.94	2.06	9,328	8,941	8,941	-871	2.35	1.80	1.52	11,467.86	MWD	Weatherford
11/20/2014	18,772	88.52	1.66	9,328	8,956	8,956	-871	3.87	-2.80	-2.67	11,482.85	MWD	Weatherford
11/20/2014	18,795	88.52	1.66	9,329	8,979	8,979	-870	0.00	0.00	0.00	11,505.85	Interp.	Weatherford



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Job Category	Job Start Date	Job End Date

Daily Operations			
Report Start Date 4/2/2015	Report End Date 4/3/2015	24hr Activity Summary NU FMC tbg head & Weatherford manual Frac valve.	
Start Time	08:00	End Time	12:00
			Comment Installed 13 5/8" x 7 1/16" TBG head w/ 1 13/16" casing valves . 7 1/16" 10k manual frac valve. tested void
Start Time	12:00	End Time	04:00
			Comment MIRU FTS wireline truck. MU 5" 10k lubricator . test to 10k RUN GR /CCL/ CBL log to 8517' or as deep as well will allow. Log OOH . RD FTS wireline and MO location.
Start Time	04:00	End Time	08:00
			Comment Well is shut in and sucure SDFN
Report Start Date 4/3/2015	Report End Date 4/4/2015	24hr Activity Summary NU FMC tbg head & Weatherford manual Frac valve.	
Start Time	00:00	End Time	08:00
			Comment Secure well & SDFN
Start Time	08:00	End Time	17:00
			Comment RU flowback lines & spot frac tans
Start Time	17:00	End Time	00:00
			Comment Secure well & SDFN
Report Start Date 4/4/2015	Report End Date 4/5/2015	24hr Activity Summary SDFN	
Start Time	00:00	End Time	00:00
			Comment SDFN
Report Start Date 4/5/2015	Report End Date 4/6/2015	24hr Activity Summary SDFN	
Start Time	00:00	End Time	00:00
			Comment SDFN
Report Start Date 4/6/2015	Report End Date 4/7/2015	24hr Activity Summary SDFN	
Start Time	00:00	End Time	06:00
			Comment SDFN
Start Time	06:00	End Time	07:00
			Comment Finish RU flowback lines.
Start Time	07:00	End Time	10:00
			Comment Test flowback line to 10k per Newfield's policies & procedures.
Start Time	10:00	End Time	14:00
			Comment NU 7 1/16" 10k wireline flange, 7 1/16" goat head W/4" 1002 outlets, 2 - 14" 7 1/16" 10k spacer spools, 7 1/16" 10k manual gate valve, 7 1/16" 10k flowcross W4" outlets & gate valves W/4" 1002 outlets, 7 1/16" 10k HCR & 14" 10k spacer spool on top of 7 1/16" 10k manual gate valves.
Start Time	14:00	End Time	16:00
			Comment Test frac stack 250 low & 10k high per Newfield's policies & procedures.
Start Time	16:00	End Time	00:00
			Comment Secure well & SDFN
Report Start Date 4/7/2015	Report End Date 4/8/2015	24hr Activity Summary NU & test Frac stack.	
Start Time	00:00	End Time	07:00
			Comment Secure well & SDFN.
Start Time	07:00	End Time	10:00
			Comment RU Halliburton & test casing. Open toe sleeves. Pressure test csg to 1bpm to 7,000 psi Held for 30 mins. walk pressure up to 8250 psi to open toe sleeves @1bpm. Bumped pump rate @ 2.5bbls min pressure lined out @5810 psi pumped 7bbls stopped pumping at 9:13am . 5min 4630 psi. 10min 4561psi 15min 4539 psi. shut in well .ready to frac.



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time	10:00	End Time	00:00	Comment	Wait on Frac Crew/ Building Frac fluid on Earl pad . SDSIFN
Report Start Date	4/8/2015	Report End Date	4/9/2015	24hr Activity Summary RU Halliburton to open toe sleeve & test casing.	
Start Time	00:00	End Time	10:00	Comment	Secure well & SDFN
Start Time	10:00	End Time	12:00	Comment	Spot in & setup zipper manifold W/Halliburton to ensure in good place.
Start Time	12:00	End Time	14:00	Comment	Test Zipper manifold to 250 low & 10k high per Newfield's policies & procedures.
Start Time	14:00	End Time	00:00	Comment	Secure well & SDFN
Report Start Date	4/9/2015	Report End Date	4/10/2015	24hr Activity Summary Install zipper manifold & test	
Start Time	00:00	End Time	08:00	Comment	Secure well & SDFN.
Start Time	08:00	End Time	16:00	Comment	Rockwater is finishing up manifold & 1 roll of lay flat.. Test Rockwater lines. FTS wireline spotting in equip. Wireline on location SIRU equipment. Halliburton on location RU standpipes to zipper manifold.
Start Time	16:00	End Time	00:00	Comment	Secure well & SDFN.
Report Start Date	4/10/2015	Report End Date	4/11/2015	24hr Activity Summary SIRU wireline	
Start Time	00:00	End Time	06:00	Comment	Secure well & SDFN.
Report Start Date	4/11/2015	Report End Date	4/12/2015	24hr Activity Summary RU Halliburton	
Start Time	00:00	End Time	09:30	Comment	Wait on Halliburton frac crew
Start Time	09:30	End Time	00:00	Comment	Rockwater is filling pump down tanks @16.2 BPM. Halliburton is moving equipment on location slowly.
Report Start Date	4/12/2015	Report End Date	4/13/2015	24hr Activity Summary Wait on Halliburton, frac well	
Start Time	00:00	End Time	05:00	Comment	Wait on Halliburton, SDFN
Start Time	05:00	End Time	09:00	Comment	Finish rigging up frac lines. Ready equipment for frac.
Start Time	09:00	End Time	10:00	Comment	Halliburton pressure test Frac lines 9,900 psi
Start Time	10:00	End Time	14:30	Comment	Hold JSA with all personal on location, Frac Stage #1 on the Andre 15-7-6-3-2 WH
Start Time	14:30	End Time	17:30	Comment	Frac stage #1 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated N/A holes open. 576 psi perf friction, 46 psi NWB as per FracPro. No trouble getting into interval or establishing rate. Dip in prop conc during the 2.0ppg sand stage, let hopper get low when swapping compartments during the 2.0ppg sand stage. No other issues, placed job completely. FE-2A-3.9% (1), FDP-M1075-12-2.1% (1.2), Losurf 300D-2.2% (2.6), Cat 3/4-3.8% (1.2),
Start Time	17:30	End Time	21:00	Comment	Wait on high winds to PUMU wireline plug and guns. and RIH with same.



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time 21:00			End Time 00:00			Comment P&P stage #2 RIH with tools at report time.		
Report Start Date 4/13/2015		Report End Date 4/14/2015		24hr Activity Summary Frac stages 2,3,4				
Start Time 00:00			End Time 03:00			Comment P&P stage #2. RIH with guns and plug to KOP. pumped down guns at 13.0 bpm and 5,858 psi, 250 fpm. 675 LTEN, pumped guns to 18,551'. Pulled up and got line tension and set plug. LT prior to setting plug 1,272. LT after plug set 1,170. Set plug at 18,550'. Plug set time 54 sec. POH and perforated at 18,521'-524', 18,461'-463', 18,365'-367'. POH with tools, max pressure for pump down- 5,858 psi. Max rate for pump down 13.0 bpm. Total bbls pumped- 535 bbls. Logging out of hole.		
Start Time 03:00			End Time 05:30			Comment Frac Stage #2. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 418 psi perf friction, 91 psi NWB as per FracPro. 3. Stage went well. Ball Seat Stage Pressures and Rate: 5644 psi @ 15 bpm , 5424 psi Pressure before Seating , 5644 psi Pressure after Seating WG-36-9.5% (142.6) , BC-200-4.9% (5.9 , FDP-M1075-12-2.8% (1.4) Vicon NF-4.3% (6.9) , Losurf 300D -3.9% (3.8)		
Start Time 05:30			End Time 08:00			Comment P&P Stage #3. RIH with guns and plug to KOP. pumped down guns at 12 bpm and 4,980 psi, 250 fpm. 550 LTEN, pumped guns to 18,345'. Pulled up and got line tension and set plug. LT prior to setting plug 769. LT after plug set 730 (weights off will work on weight indicator). Set plug at 18,315'. Plug set time 1 min POH and perforated at 18,270'-273', 18,196'-198', 18,097'-099'. POH with tools, max pressure for pump down- 5,598 psi. Max rate for pump down 12.9 bpm. Total bbls pumped- 491 bbls., (All tools recovered, All shots fired), Drop ball		
Start Time 08:00			End Time 11:00			Comment Frac Stage#3 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 19 holes open, 822 psi perf friction, 123 psi NWB as per FracPro. Good job with no issues, pumped to completion. Ball Seat Stage Pressures and Rate: 5350 psi @ 14.9 bpm , 5265 psi Pressure before Seating , 5355 psi Pressure after Seating. WG-36-3.2% (48.6) ,		
Start Time 11:00			End Time 14:00			Comment P&P Stage #4. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,475 psi, 250 fpm. 860 LTEN, pumped guns to 18,060'. Pulled up and got line tension and set plug. LT prior to setting plug 1620. LT after plug set 1345. Set plug at 18,020'. Plug set time 50 secs. POH and perforated at 17,973'-976', 17,886'-888', 17,798'-800'. POH with tools, max pressure for pump down- 5,582 psi. Max rate for pump down 13 bpm. Total bbls pumped- 415 bbls., (All tools recovered, All shots fired), Drop ball		
Start Time 14:00			End Time 17:00			Comment Frac stage #4 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 537 psi perf friction, 160 psi NWB as per FracPro. Good job with no issues, placed job completely. Ball Seat Stage Pressures and Rate: 5350 psi @ 15.3 bpm , 5280 psi Pressure before Seating , 5365 psi Pressure after Seating. Vicon NF-3.3% (5.5) ,		
Start Time 17:00			End Time 20:00			Comment P&P stage #5. RIH with guns and plug to KOP. pumped down guns at 13.1 bpm and 5,365 psi, 259 fpm. 812 LTEN, pumped guns to 17,740'. Pulled up and got line tension and set plug. LT prior to setting plug 1,559, LT after plug set 1,335. Set plug at 17,746'. Plug set time 55 sec. POH and perforated at 17,721'-724', 17,657'-659', 17,547'-549'. POH with tools, max pressure for pump down- 5,365 psi. Max rate for pump down- 13.1 bpm. Total bbls pumped- 435 bbls. POH with tools, All tools recovered, all shots fired.		
Start Time 20:00			End Time 20:30			Comment Weatherford to Grease Frac Stack Valves. Drop frac ball.		



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time			End Time			Comment		
20:30			21:30			Repair valves and seats on Halliburton's pumps,		
Start Time			End Time			Comment		
21:30			23:30			Frac stage #5 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 546 psi perf friction, 174 psi NWB as per FracPro. Had to make a couple rate adjustments during job, pumps jacking & packing. No other issues, able to place job completely. Ball Seat Stage Pressures and Rate: 6165 psi @ 15 bpm , 5535 psi Pressure before Seating , 6250 psi Pressure after Seating. WG-36-9.9% (158.1) , BC-200-4.6% (5.9) , FDP-M1075-12-3.6% (1.8) Vicon NF-4.4% (7.4) , Losurf 300D-4.2% (4.3)		
Start Time			End Time			Comment		
23:30			00:00			P&P stage #6, Start in hole with guns at report time.		
Report Start Date	Report End Date	24hr Activity Summary						
4/14/2015	4/15/2015	Frac stages 6,7,8,9						
Start Time			End Time			Comment		
00:00			01:30			P&P stage #6. RIH with guns and plug to KOP. pumped down guns at 13.0 bpm and 5,360 psi, 260 fpm, 770 LTEN, pumped guns to 17,504'. Pulled up and got line tension and set plug. LT prior to setting plug 1,464. LT after plug set 1,291. Set plug at 17,500'. Plug set time 57 sec. POH and perforated at 17,466'-469', 17,405'-407', 17,301'- 303'. POH with tools, max pressure for pump down- 5,360 psi. Max rate for pump down- 13.0 bpm. Total bbls pumped- 356 bbls. POH with tools, All tools recovered, all shots fired and ball dropped.		
Start Time			End Time			Comment		
01:30			02:30			Wait on frac stage #6 on the 15-7		
Start Time			End Time			Comment		
02:30			05:00			Frac stage #6 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 653 psi perf friction, 126 psi NWB as per FracPro. Stage treated well. Ball Seat Stage Pressures and Rate: 5896 psi @ 15.4 bpm , 5486 psi Pressure before Seating , 5896 psi Pressure after Seating .WG-36-3.4% (59.8) , BC-200-4.4% (6.3) , MO-67-3.7% (1.3) , FDP-M1075-12-4.2% (2.2) Vicon NF-2.2% (3.9) , Losurf 300D-4.2% (4.5) , Cat 3/4-3.7% (1.3) , BE-9-3.9% (1.3)		
Start Time			End Time			Comment		
05:00			07:00			P&P stage #7. RIH with guns and plug to KOP. pumped down guns at 12 bpm and 5,359 psi, 253 fpm, 791 LTEN, pumped guns to 17,280'. Pulled up and got line tension and set plug. LT prior to setting plug 1,543, LT after plug set 1,320. Set plug at 17,245'. Plug set time 50 sec. POH and perforated at 17,220'-223', 17,144'-146', 17,049'- 051'. POH with tools, max pressure for pump down- 5,359 psi. Max rate for pump down- 13.0 bpm. Total bbls pumped- 361 bbls. POH with tools, All tools recovered, all shots fired and ball dropped.		
Start Time			End Time			Comment		
07:00			09:30			Frac Stage #7 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 798 psi perf friction, 167 psi NWB as per FracPro. Good job with no issues, pumped to completion. Ball Seat Stage Pressures and Rate: 5830 psi @ 14.9 bpm , 5370 psi Pressure before Seating , 5880 psi Pressure after Seating. WG-36-2.8% (50.1) , BC-200-4.7% (6.6) , MO-67-3.8% (1.3) , FDP-M1075-12-4.8% (2.6) Vicon NF-4.7% (8.5) , Losurf 300D-3.5% (3.8) Cat 3/4-4.7% (1.7) .		
Start Time			End Time			Comment		
09:30			12:00			P&P stage #8. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,339 psi, 270 fpm, 850 LTEN, pumped guns to 17,020'. Pulled up and got line tension and set plug. LT prior to setting plug 1,560, LT after plug set 1,330. Set plug at 16,990'. Plug set time 1min5secs. POH and perforated at 16,927'-930', 16,870'-872', 16,800'- 802'. POH with tools, max pressure for pump down- 5,341 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 350 bbls. POH with tools, All tools recovered, all shots fired and ball dropped.		



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time	12:00	End Time	15:00	Comment
Frac Stage #8 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 21 holes open, 801 psi perf friction, 133 psi NWB as per FracPro.3. Had slight rate drop in 5ppg sand stg, pump jacking, made rate up with rest of pumps. 4. No other issues, overall good job placed completely. Ball Seat Stage Pressures and Rate: 5850 psi @ 14.9 bpm , 5380 psi Pressure before Seating , 5890 psi Pressure after Seating WG-36-4.8% (84.7) , BC-200-4.1% (5.8) , MO-67-3.7% (1.3) , FDP-M1075-12-4.4% (2.3) Vicon NF-3.9% (6.9) , Losurf 300D-2.1% (2.3) Cat 3/4-4.8% (1.7) , BE-9-3.7% (1.2)				
Start Time	15:00	End Time	00:00	Comment
Shut down due to high winds, Wind in the 30 mph range with gusts of 45 to 60 mph. Sustained winds of 25 mph.				
Report Start Date	Report End Date	24hr Activity Summary		
4/15/2015	4/16/2015	Wait on winds to die down, continue frac		
Start Time	00:00	End Time	07:30	Comment
Shut down due to high winds, Wind in the 25 mph range with gusts of 40 to 45 mph. Sustained winds of 25 mph.				
Start Time	07:30	End Time	10:00	Comment
Hold JSA, FTS Wireline R/U Cranes and Lubricators, P&P Stage #9 on the Andre 15-7-6-3-2WH				
Start Time	10:00	End Time	13:00	Comment
Attempt to P&P Stage #9, Halliburton pressure tset lines and Stack. Frac stack upper manual valve leaking same as 15-7-6-3-2WH Weatherford is on location to repair leaks, Weatherford changed out packing on upper manual valves on frac stacks on both wells, Tarp up around wellheads and rig up heater to wellheads, Halliburton Pressure test frac stacks held ok				
Start Time	13:00	End Time	15:00	Comment
Wireline shut down due to high winds				
Start Time	15:00	End Time	17:00	Comment
P&P Stage #9 on the Andre 15-7-6-3-2WH				
Start Time	17:00	End Time	19:00	Comment
P&P stage #9. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,609 psi, 263 fpm, 798 LTEN, pumped guns to 16,780'. Pulled up and got line tension and set plug. LT prior to setting plug 1,455 LT after plug set 1,215. Set plug at 16,750'. Plug set time 55secs. POH and perforated at 16,715'-718', 16,623'-625', 16,548'- 550'. POH with tools, max pressure for pump down- 5,650 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 343 bbls. POH with tools, All tools recovered, all shots fired and ball dropped.				
Start Time	19:00	End Time	21:00	Comment
Wait on frac of stage #9 on Andre 15-7, Belt on 100 mesh sand can has hole in it, Shut down for repairs				
Start Time	21:00	End Time	00:00	Comment
Frac stage #9 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 734 psi perf friction, 91 psi NWB as per FracPro. Had difficulty swapping to acid initially. Shut down for ~20 min to resolve the issue. Had rate fluctuations from 2 to 5 bpm throughout the stage. Stage treated well with all proppant placed. WG-36-5.6% (100) , BC-200-4.8% (6.9) , MO-67-2.8% (1) , FDP-M1075-12-3.6% (2) , Vicon NF-4.4% (8) , Losurf 300D-4.5% (5)				
Report Start Date	Report End Date	24hr Activity Summary		
4/16/2015	4/17/2015	Continue frac operations		
Start Time	00:00	End Time	02:00	Comment
Wait on wireline on the 15-7, Problems with lubricator, unable to lower tools in hole from lubricator. Lay down lubricator and repair, Rehead and PU lubricator and RIH with tools. wireline damaged during equalization operations. Wait on pump down to be completed on 15-7				



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time	02:00	End Time	04:30	Comment
				P&P stage #10. RIH with guns and plug to KOP. pumped down guns at 12.9 bpm and 5,601 psi, 266 fpm, 715 LTEN, pumped guns to 16,511'. Pulled up and got line tension and set plug. LT prior to setting plug 16,496 LT after plug set 1,254. Set plug at 16,496'. Plug set time 33 secs. POH and perforated at 16,449'-452', 16,383'-385', 16,298'-300'. POH with tools, max pressure for pump down- 5,601 psi. Max rate for pump down- 12.9 bpm. Total bbls pumped- 312 bbls. POH with tools, All tools recovered, all shots fired and ball dropped.
Start Time	04:30	End Time	06:00	Comment
				Wait on frac of 15-7's Stage #10
Start Time	06:00	End Time	08:30	Comment
				Frac stage #10 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 984 psi perf friction, 68 psi NWB as per FracPro. Lost LoSurf 300 briefly in the 1.0ppg 30/50 Sand stage, lost prime when transport got too low. No other issues, overall good job by crew. Place completely. Ball Seat Stage Pressures and Rate: 5575 psi @ 13.8 bpm , 5330 psi Pressure before Seating , 5615 psi Pressure after seating. BC-200-4.8% (6.7) , FR-76-7.9% (1.4) , MO-67-3.7% (1.3) , FDP-M1075-12-5.8% (3.1) Losurf 300D-3.6% (3.9) Cat 3/4-3.7% (1.3)
Start Time	08:30	End Time	11:00	Comment
				P&P Stage #11, RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,490 psi, 270 fpm, 770 LTEN, pumped guns to 16,275'. Pulled up and got line tension and set plug. LT prior to setting plug 1567 LT after plug set 1,320. Set plug at 16,244'. Plug set time 1 min. POH and perforated at 16,219'-222', 16,127'-129', 16,021'-023'. POH with tools, max pressure for pump down- 5,505 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 312 bbls. POH with tools, All tools recovered, all shots fired and ball dropped.
Start Time	11:00	End Time	13:30	Comment
				Frac Stage #11 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 1020 psi perf friction, 200 psi NWB as per FracPro. Good job with no issues, pumped to completion. Ball Seat Stage Pressures and Rate: 5905 psi @ 15.1 bpm , 5440 psi Pressure before Seating , 5930 psi Pressure after Seating. FE-2A-7.2% (1.3) , FDP-M1075-12-5.4% (2.9) Vicon NF-4.3% (7.8) , Losurf 300D-5.4% (5.8) Cat 3/4-3.4% (1.2)
Start Time	13:30	End Time	15:30	Comment
				P&P Stage #12, RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,250 psi, 240 fpm, 868 LTEN, pumped guns to 16,000'. Pulled up and got line tension and set plug. LT prior to setting plug 1525 LT after plug set 1,275. Set plug at 15,971'. Plug set time 50 secs. POH and perforated at 15,936'-939', 15,878'-880', 15,799'-801'. POH with tools, max pressure for pump down- 5,291 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 307 bbls. POH with tools, All tools recovered, all shots fired and ball dropped.
Start Time	15:30	End Time	17:30	Comment
				Frac stage #12. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 904 psi perf friction, 176 psi NWB as per FracPro. 3. Had 30/50 CRC delivered and unloaded into MM, decision made to tail 6ppg stg with resin. 4. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 6735 psi @ 15.1 bpm , 5485 psi Pressure before Seating , 6500 psi Pressure after Seating. WG-36-2.1% (33), BC-200-4.9% (6.1), FR-76-8.5% (1.5), MO-67-3.9% (1.2), FDP-M1075-12-4.6% (2.3) Vicon NF-3.2% (5.1), Losurf 300D-4.6% (4.5), BE-9-4.2% (1.2)
Start Time	17:30	End Time	20:30	Comment
				P&P stage #13. RIH with guns and plug to KOP. pumped down guns at 13.0 bpm and 5,221 psi, 262 fpm, 774 LTEN, pumped guns to 15,784'. Pulled up and got line tension and set plug. LT prior to setting plug 1,367, LT after plug set 1,218. Set plug at 15,750'. Plug set time 54 sec. POH and perforated at 15,719'-722', 15,638'-640', 15,549'-551'. POH with tools, max pressure for pump down- 5,221 psi. Max rate for pump down- 13.0 bpm. Total bbls pumped- 280 bbls. POH with tools, all tools recovered, all shots fired, Grease frac stack,
Start Time	20:30	End Time	21:00	Comment
				Weatherford greased frac stack. Drop ball.



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time	21:00	End Time 23:30	Comment Frac stage #13. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 588 psi perf friction, 135 psi NWB as per FracPro. 3. Stage treated well. Ball Seat Stage Pressures and Rate: 6297 psi @ 14.6 bpm , 5471 psi Pressure before Seating , 6297 psi Pressure after Seating. WG-36-3.1% (48.6) , BC-200-4.5% (5.6) , MO-67-3.6% (1.1) , FDP-M1075-12-5% (2.4) Vicon NF-4.1% (6.5) , Losurf 300D-5% (4.8)
Start Time	23:30	End Time 00:00	Comment P&P Stage #14 Start P&P of stage #14 at KOP point at report time.
Report Start Date 4/17/2015	Report End Date 4/18/2015	24hr Activity Summary Continue frac operations	
Start Time	00:00	End Time 02:00	Comment P&P stage #14. RIH with guns and plug to KOP. pumped down guns at 12.0 bpm and 5,049 psi, 261 fpm, 764 LTEN, pumped guns to 15,527'. Pulled up and got line tension and set plug. LT prior to setting plug 1,434, LT after plug set 1,275. Set plug at 15,500'. Plug set time 39 sec. POH and perforated at 15,472'-475', 15,408'-410', 15,283'-285'. POH with tools. max pressure for pump down- 5,135 psi. Max rate for pump down- 13.0 bpm. Total bbls pumped- 273 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	02:00	End Time 04:00	Comment Frac stage #14. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 25 holes open, 758 psi perf friction, 211 psi NWB as per FracPro.3. Stage treated well. Ball Seat Stage Pressures and Rate: 5816 psi @ 15.2 bpm , 5407 psi Pressure before Seating , 5816 psi Pressure after Seating. WG-36-2.4% (37) , BC-200-4.4% (5.4) , FDP-M1075-12-4.7% (2.3) Vicon NF-4.6% (7.3) , Losurf 300D-4.7% (4.5) , Cat 3/4-3.6% (1.1), BE-9-4.7% (1.4)
Start Time	04:00	End Time 06:00	Comment P&P stage #15, RIH with guns and plug to KOP. pumped down guns at 12 bpm and 5,250 psi, 259 fpm, 755 LTEN, pumped guns to 15,276'. Pulled up and got line tension and set plug. LT prior to setting plug 1,433, LT after plug set 1,225. Set plug at 15,250'. Plug set time 50 secs. POH and perforated at 15,200'-203', 15,130'-132', 15,038'-040'. POH with tools, max pressure for pump down- 5,374 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 255 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	06:00	End Time 08:00	Comment Frac Stage #15. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 1058 psi perf friction, 250 psi NWB as per FracPro. 3. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 6175 psi @ 15 bpm , 5350 psi Pressure before Seating , 6335 psi Pressure after Seating. WG-36-3.7% (56.9) , BC-200-2.7% (3.3) , MO-67-3.5% (1.1) , FDP-M1075-12-4.7% (2.3) Vicon NF-4.7% (7.5) , Losurf 300D-4.7% (4.6) BE-9-4.2% (1.2)
Start Time	08:00	End Time 10:00	Comment P&P stage #16, RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,300 psi, 254 fpm, 798 LTEN, pumped guns to 15,030'. Pulled up and got line tension and set plug. LT prior to setting plug 1,360, LT after plug set 1,180. Set plug at 15,000'. Plug set time 32 secs. POH and perforated at 14,969'-972', 14,870'-872', 14,796'-798'. POH with tools, max pressure for pump down- 5,343 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 268 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	10:00	End Time 12:30	Comment Frac Stage #16. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 21 holes open, 1078 psi perf friction, 290 psi NWB as per FracPro.3. Trouble lining out BE-9 during job, came off in the 4 & 5ppg sand stages, debris in line from tote. Able to get back in 6ppg stg.4. No other issues, placed job completely. Ball Seat Stage Pressures and Rate: 6125 psi @ 15 bpm , 5455 psi Pressure before Seating , 6195 psi Pressure after Seating. BC-200-2.6% (3.2) , FR-76-7.9% (1.3) , FDP-M1075-12-3.4% (1.6) Vicon NF-5% (7.8) , Losurf 300D-5.5% (5.2) Cat 3/4-4.2% (1.3) , BE-9-12.1% (3.4)



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time	End Time	Comment
12:30	15:00	P&P Stage #17, RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,430 psi, 282 fpm, 797 LTEN, pumped guns to 14,760'. Pulled up and got line tension and set plug. LT prior to setting plug 1,412. LT after plug set 1,170. Set plug at 14,730'. Plug set time 50 secs. POH and perforated at 14,688'-691', 14,613'-615', 14,550'- 552'. POH with tools, max pressure for pump down- 5,520 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 305 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	End Time	Comment
15:00	18:00	Weatherford Grease Frac Stacks on both wells
Start Time	End Time	Comment
18:00	22:00	Wait on frac stage #18 on 15-7 well
Start Time	End Time	Comment
22:00	00:00	Frac stage #17. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 20 holes open, 1145 psi perf friction, 205 psi NWB as per FracPro.3. Pressure came up with crosslink on formation. Reduced rate to alleviate pressure. 4. Had good relief with sand on formation and was able to bring rate back up to ~45 bpm.5. Lost a pump during flush due packing. Flushed the well with no further issues. Ball Seat Stage Pressures and Rate: 6350 psi @ 15.3 bpm, 5619 psi Pressure before Seating, 6177 psi Pressure after Seating. WG-36-2% (31.7), BC-200-2.6% (3.3), FDP-M1075-12-4.4% (2.2), BE-9-5.1% (1.5)
Report Start Date	Report End Date	24hr Activity Summary
4/18/2015	4/19/2015	Continue frac operations
Start Time	End Time	Comment
00:00	02:30	P&P stage #18. RIH with guns and plug to KOP. pumped down guns at 12.0 bpm and 5,204 psi, 260 fpm, 784 LTEN, pumped guns to 14,474'. Pulled up and got line tension and set plug. LT prior to setting plug 1,442. LT after plug set 1,200. Set plug at 14,490'. Plug set time 35 sec. POH and perforated at 14,470'-473', 14,393'-395', 14,300'- 302'. POH with tools, max pressure for pump down- 5,358 psi. Max rate for pump down- 13.0 bpm. Total bbls pumped- 230 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	End Time	Comment
02:30	03:00	Wait on frac stage #18 on 15-7 well
Start Time	End Time	Comment
03:00	05:00	Frac stage #18. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 1038 psi perf friction, 59 psi NWB as per FracPro. 3. Stage treated well. Ball Seat Stage Pressures and Rate: 5922 psi @ 15.1 bpm, 5400 psi Pressure before Seating, 5922 psi Pressure after Seating. WG-36-2.6% (39.3), FDP-M1075-12-4.5% (2.1), Losurf 300D-4.1% (3.8), Cat 3/4-4.3% (1.3)
Start Time	End Time	Comment
05:00	07:00	P&P Stage #19. RIH with guns and plug to KOP. pumped down guns at 12 bpm and 5,275 psi, 260 fpm, 740 LTEN, pumped guns to 14,304'. Pulled up and got line tension and set plug. LT prior to setting plug 1,427'. LT after plug set 1,230. Set plug at 14,275'. Plug set time 50 secs. POH and perforated at 14,221'- 224', 14,134'- 136', 14,047'- 049'. POH with tools, max pressure for pump down- 5,310 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 218 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	End Time	Comment
07:00	09:00	Frac Stage #19 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 918 psi perf friction, 274 psi NWB as per FracPro. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 6010 psi @ 15 bpm, 5390 psi Pressure before Seating, 6055 psi Pressure after Seating. WG-36-2.1% (32.5), BC-200-3.5% (4.2), FDP-M1075-12-3.4% (1.6) Vicon NF -4.1% (6.3),



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Sundry Number : 63455 API Well Number : 43013527610000

Start Time	09:00	End Time	11:30	Comment
				P&P Stage #20. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,300 psi, 278 fpm, 798 LTEN. pumped guns to 14,021'. Pulled up and got line tension and set plug. LT prior to setting plug 1,577'. LT after plug set 1,310. Set plug at 13,992'. Plug set time 50 secs. POH and perforated at 13,971'- 974', 13,877'- 879', 13,798'- 800'. POH with tools, max pressure for pump down- 5,337 psi. Max rate for pump down- 13 bpm. Total bbls pumped- 215 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	11:30	End Time	14:00	Comment
				Frac Stage #20 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 20 holes open, 1111 psi perf friction, 193 psi NWB as per FracPro. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 5705 psi @ 15 bpm , 5260 psi Pressure before Seating , 5735 psi Pressure after Seating. WG-36-9.4% (144.5), BC-200-4.4% (5.4), FR-76-8.1% (1.2), CL-31-7.4% (1.4), FE-2A-8.1% (1.2), Vicon NF-3.8% (5.8), Losurf 300D-4% (3.6)
Start Time	14:00	End Time	16:00	Comment
				P&P Stage #21. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,027 psi, 280 fpm, 797 LTEN, pumped guns to 13,771'. Pulled up and got line tension and set plug. LT prior to setting plug 1,450', LT after plug set 1,216'. Set plug at 13,742'. Plug set time 55 secs. POH and perforated at 13,722'- 725', 13,614'- 616', 13,548'- 550'. POH with tools, max pressure for pump down- 5,150 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 201 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	16:00	End Time	18:00	Comment
				Frac stage #211. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 20 holes open, 1132 psi perf friction, 363 psi NWB as per FracPro.3. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 5630 psi @ 15 bpm , 5180 psi Pressure before Seating , 5670 psi Pressure after Seating. WG-36-3% (45.8), BC-200-3.9% (4.7), FDP-M1075-12-3.7% (1.7) Vicon NF-4.5% (6.9), Losurf 300D-3.8% (3.6)
Start Time	18:00	End Time	19:00	Comment
				Held safety meeting. Wait on lighting in area to continue operations.
Start Time	19:00	End Time	21:00	Comment
				P&P stage #22. RIH with guns and plug to KOP. pumped down guns at 12.0 bpm and 5,037 psi, 266 fpm, 789 LTEN, pumped guns to 13,508'. Pulled up and got line tension and set plug. LT prior to setting plug 1,399, LT after plug set 1,194. Set plug at 13,500'. Plug set time 26 sec. POH and perforated at 13,470'- 473', 13,419'- 421', 13,307'- 309'. POH with tools, max pressure for pump down- 5,110 psi. Max rate for pump down- 12.0 bpm. Total bbls pumped- 179 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	21:00	End Time	21:30	Comment
				Weatherford grease frac stack
Start Time	21:30	End Time	23:30	Comment
				Frac stage #22. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 21 holes open, 1037 psi perf friction, 187 psi NWB as per FracPro.3. Stage treated well. Ball Seat Stage Pressures and Rate: 5728 psi @ 14.7 bpm , 5181 psi Pressure before Seating , 5728 psi Pressure after Seating. BC-200-5% (6.2), MO-67-3.4% (1.1), FDP-M1075-12-4.2% (1.9) Vicon NF-4% (6.1), Losurf 300D-3.5% (3.2), Cat 3/4-3% (1.2), BE-9-3.9% (1.1)
Start Time	23:30	End Time	00:00	Comment
				P&P #23 at report time.

Report Start Date	Report End Date	24hr Activity Summary
4/19/2015	4/20/2015	Continue frac operations



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time	00:00	End Time	02:00	Comment Finish P&P stage #23. RIH with guns and plug to KOP. pumped down guns at 12.0 bpm and 5,324 psi. 261 fpm. 806 LTEN, pumped guns to 13,264'. Pulled up and got line tension and set plug. LT prior to setting plug 1,348, LT after plug set 1,138. Set plug at 13,250'. Plug set time 36 sec. POH and perforated at 13,220'-223', 13,121'-123', 13,015'- 017'. POH with tools, max pressure for pump down- 5,324 psi. Max rate for pump down- 12.0 bpm. Total bbls pumped- 167 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	02:00	End Time	04:00	Comment Frac stage #23. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 20 holes open, 1223 psi perf friction, 446 psi NWB as per FracPro. 3. Pressure came up with crosslink gel on formation and kicked out a pump before turning over. 4. Able to bring rate back to 45 and saw good pressure relief from sand. 5. Remainder of stage treated well with all proppant placed. Ball Seat Stage Pressures and Rate: 5847 psi @ 14.7 bpm , 5258 psi Pressure before Seating , 5847 psi Pressure after Seating. MO-67-3.1% (1), FDP-M1075-12-4.7% (2.1), Vicon NF-4.2% (6.3), Losurf 300D-3.1% (2.8), Cat 3/4-2.6% (1).
Start Time	04:00	End Time	06:00	Comment P&P stage #24. RIH with guns and plug to KOP. pumped down guns at 12.0 bpm and 5,374 psi. 260 fpm, 809 LTEN, pumped guns to 13,005'. Pulled up and got line tension and set plug. LT prior to setting plug 1,352. LT after plug set 1,155. Set plug at 12,965'. Plug set time 57 sec. POH and perforated at 12,929'- 932', 12,872'-874', 12,797'- 799'. POH with tools, max pressure for pump down- 5,374 psi. Max rate for pump down- 12.0 bpm. Total bbls pumped- 161 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	06:00	End Time	08:00	Comment Frac #24 Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 903 psi perf friction, 149 psi NWB as per FracPro. Stage treated well. Ball Seat Stage Pressures and Rate: 6019 psi @ 15 bpm , 5275 psi Pressure before Seating , 6019 psi Pressure after Seating. WG-36-3% (46.4), BC-200-3.8% (4.6), FDP-M1075-12-2.7% (1.2) Losurf 300D-3.8% (3.5) Cat 3/4-4.4% (1.8).
Start Time	08:00	End Time	10:00	Comment P&P stage #25. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,300 psi. 275 fpm. 828 LTEN, pumped guns to 12,760'. Pulled up and got line tension and set plug. LT prior to setting plug 1,342. LT after plug set 1,155. Set plug at 12,730.5'. Plug set time 40 secs. POH and perforated at 12,720'- 723', 12,631'-633', 12,548'- 550'. POH with tools, max pressure for pump down- 5,387 psi. Max rate for pump down- 13.5 bpm. Total bbls pumped- 162 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	10:00	End Time	12:00	Comment Frac Stage #25. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 1098 psi perf friction, 174 psi NWB as per FracPro. 3. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 5205 psi @ 15 bpm , 4960 psi Pressure before Seating , 5245 psi Pressure after Seating. WG-36-5% (76.8), BC-200-3.9% (4.8), MO-67-4.2% (1.3), FDP-M1075-12-4.5% (2) Vicon NF-2.9% (4.4), Losurf 300D-4.4% (3.9) BE-9-3.8% (1)
Start Time	12:00	End Time	14:00	Comment P&P stage #26. RIH with guns and plug to KOP. pumped down guns at 13 bpm and 5,156 psi. 290 fpm. 834 LTEN, pumped guns to 12,515'. Pulled up and got line tension and set plug. LT prior to setting plug 1,238. LT after plug set 1,080. Set plug at 12,510'. Plug set time 35 secs. POH and perforated at 12,471'- 474', 12,382'-384', 12,299'- 301'. POH with tools, max pressure for pump down- 5,150 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 146 bbls. POH with tools, all tools recovered, all shots fired and ball dropped.
Start Time	14:00	End Time	16:30	Comment Frac Stage #26 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 639 psi perf friction, 272 psi NWB as per FracPro. 3. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 5045 psi @ 15 bpm , 4890 psi Pressure before Seating , 5055 psi Pressure after Seating. BC-200-4.1% (5), FDP-M1075-12-5.5% (2.4) Vicon NF-4.7% (7.1), Losurf 300D-3.5% (3.1) Cat 3/4-4.1% (1.6).



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time			End Time			Comment		
16:30			18:30			P&P stage #27. RIH with guns and plug to KOP. pumped down guns at 13.2 bpm and 5,096 psi, 272 fpm, 876 LTEN, pumped guns to 12,251'. Pulled up and got line tension and set plug. LT prior to setting plug 1,317. LT after plug set 1,133. Set plug at 12,260'. Plug set time 60 sec. POH and perforated at 12,222'- 225', 12,169'- 171', 12,120'- 122'. POH with tools, max pressure for pump down- 5,096 psi. Max rate for pump down- 13.2 bpm. Total bbls pumped- 144 bbls. POH with tools, all tools recovered, all shots fired.		
Start Time			End Time			Comment		
18:30			19:30			Grase frac stack		
Start Time			End Time			Comment		
19:30			21:30			Frac stage #27, 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 709 psi perf friction, 178 psi NWB as per FracPro. 3. Had 2-10 bpm rate fluctuations throughout the stage. 4. Stage treated well with all proppant placed. Ball Seat Stage Pressures and Rate: 5103 psi @ 14.7 bpm , 4910 psi Pressure before Seating , 5103 psi Pressure after Seating BC-200-4.9% (6) , MO-67-4.2% (1.1) , Vicon NF-4.2% (6.3) , Losurf 300D-3.1% (2.7)		
Start Time			End Time			Comment		
21:30			23:00			P&P stage #28, RIH with guns and plug to KOP. pumped down guns at 12.0 bpm and 5,091 psi, 262 fpm, 806 LTEN, pumped guns to 12,028'. Pulled up and got line tension and set plug. LT prior to setting plug 1,297, LT after plug set 1,114. Set plug at 12,010'. Plug set time 44 sec. POH and perforated at 11,970'- 973', 11,851'- 853', 11,795'- 797'. POH with tools, max pressure for pump down- 5,091 psi. Max rate for pump down- 12.0 bpm. Total bbls pumped- 120 bbls. POH with tools, all tools recovered, all shots fired, and ball dropped.		
Start Time			End Time			Comment		
23:00			00:00			Grease frac stack on 15-7 Wait on frac of #28 on 15-7 well.		
Report Start Date	Report End Date	24hr Activity Summary						
4/20/2015	4/21/2015	Continue frac operations						
Start Time			End Time			Comment		
00:00			01:00			Grease frac stack on 15-7 Wait on frac of #28 on 15-7 well.		
Start Time			End Time			Comment		
01:00			02:00			Wait on frac of #28 on 15-7 well.		
Start Time			End Time			Comment		
02:00			04:00			Frac stage #28. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. Calculated 21 holes open, 897 psi perf friction, 205 psi NWB as per FracPro. Stage treated well with all proppant placed. Ball Seat Stage Pressures and Rate: 5268 psi @ 14.8 bpm , 4983 psi Pressure before Seating , 5268 psi Pressure after Seating. WG-36-9.4% (147.3) , BC-200-4.6% (5.8), MO-67-4.2% (1.3), FDP-M1075-12-4.1% (1.9) Vicon NF-4.2% (6.3), Losurf 300D-4.1% (3.7), Cat 3/4-3.2% (1.3), BE-9-4% (1.1)		
Start Time			End Time			Comment		
04:00			07:00			Wait on wireline on 15-7-6 well		
Start Time			End Time			Comment		
07:00			09:00			P&P stage #29. RIH with guns and plug to KOP. pumped down guns at 12 bpm and 4875 psi, 286 fpm, 830 LTEN, pumped guns to 11,790'. Pulled up and got line tension and set plug. LT prior to setting plug 1,375, LT after plug set 1,158. Set plug at 11,760'. Plug set time 32 secs. POH and perforated at 11,721'- 724', 11,605'- 607', 11,450'- 452'. POH with tools, max pressure for pump down- 4,904 psi. Max rate for pump down- 12.2 bpm. Total bbls pumped- 112 bbls. POH with tools, all tools recovered, all shots fired, drop ball		



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time	09:00	End Time	11:00	Comment
				Frac Stage #29. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 21 holes open, 914 psi perf friction, 359 psi NWB as per FracPro. 3. Saw slight pressure increase when 4ppg reached bottom but rolled over. 4. Had small drop in rate during 6ppg stg, pump jacking, made rate up with rest of pumps. 5. No other issues, placed completely. Ball Seat Stage Pressures and Rate: 5385 psi @ 15.1 bpm , 4990 psi Pressure before Seating , 5425 psi Pressure after Seating. WG-36-3% (46.1), BC-200-4% (4.9) FDP-M1075-12-4.3% (1.9) Vicon NF-4.6% (6.8) , Losurf 300D-4.9% (4.3) Cat 3/4-4.2% (1.7)
Start Time	11:00	End Time	13:00	Comment
				P&P stage #30. RIH with guns and plug to KOP. pumped down guns at 12 bpm and 4750 psi, 280 fpm, 831 LTEN, pumped guns to 11,430'. Pulled up and got line tension and set plug. LT prior to setting plug 1,245, LT after plug set 1,042. Set plug at 11,400'. Plug set time 45 secs. POH and perforated at 11,341'- 344', 11,273'- 275', 11,201'- 203'. POH with tools, max pressure for pump down- 4,785 psi. Max rate for pump down- 12 bpm. Total bbls pumped- 94 bbls. POH with tools, all tools recovered, all shots fired, drop ball
Start Time	13:00	End Time	16:00	Comment
				Halliburton Swap out Blenders, (Worn out Screws)
Start Time	16:00	End Time	17:00	Comment
				Frac Stage #32 on the Andre 15-7-6-3-2 WH, . Halliburton lost T-belt just before going to 100 mesh. Displace crosslink fluid & fix T-belt
Start Time	17:00	End Time	18:30	Comment
				Halliburton fix T-Belt, Weatherford Grease Frac Stacks on both wells
Start Time	18:30	End Time	20:00	Comment
				Frac stage #32 on 15-7 well
Start Time	20:00	End Time	21:30	Comment
				Frac stage #30. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 19 holes open, 1309 psi perf friction, 156 psi NWB as per FracPro.3. Stage treated well with all proppant placed. Ball Seat Stage Pressures and Rate: 6248 psi @ 15.1 bpm , 5374 psi Pressure before Seating , 5931 psi Pressure after Seating. WG-36-9% (141.9), BC-200-4.6% (5.8), MO-67-4.6% (1.4), FDP-M1075-12-3.7% (1.6) Vicon NF-4.1% (6.1), Losurf 300D-3.7% (3.3), Cat 3/4-4.6% (1.9),
Start Time	21:30	End Time	23:30	Comment
				P&P stage #31. RIH with guns and plug to KOP. pumped down guns at 12.0 bpm and 4,893 psi, 259 fpm, 835 LTEN, pumped guns to 11,169'. Pulled up and got line tension and set plug. LT prior to setting plug 1,273, LT after plug set 1,043. Set plug at 11,150'. Plug set time 38 sec. POH and perforated at 11,118'- 121', 11,032'- 034', 10,951'- 953'. POH with tools, max pressure for pump down- 4,893 psi. Max rate for pump down- 12.0 bpm. Total bbls pumped- 83 bbls. POH with tools, all tools recovered, all shots fired, and ball dropped.
Start Time	23:30	End Time	00:00	Comment
				Wait on frac on 15-7 well
Report Start Date	4/21/2015	Report End Date	4/22/2015	24hr Activity Summary
				Continue frac operations
Start Time	00:00	End Time	00:30	Comment
				Wait on frac of stage #33 on 15-7 well. Having trouble with T-belt but able to complete stage.
Start Time	00:30	End Time	02:30	Comment
				Frac stage #31.1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water.2. Calculated 19 holes open, 1255 psi perf friction, 164 psi NWB as per FracPro.3. Stage treated well with all proppant placed. 4. Had difficulty with t-belt during 5 ppg. Was able to adjust operations for it to keep up with 6 ppg. Ball Seat Stage Pressures and Rate: 5379 psi @ 14.6 bpm , 5020 psi Pressure before Seating , 5379 psi Pressure after Seating WG-36-2.2% (34.3), BC-200-4.4% (5.4), FDP-M1075-12-3.5% (1.5) Vicon NF-4.6% (6.7), Losurf 300D-3.6% (3)



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time 02:30	End Time 04:30	Comment P&P stage #32. RIH with guns and plug to KOP. pumped down guns at 12.4 bpm and 5,192 psi, 270 fpm, 796 LTEN, pumped guns to 10,915'. Pulled up and got line tension and set plug. LT prior to setting plug 1,207. LT after plug set 1,035. Set plug at 10,900'. Plug set time 45 sec. POH and perforated at 10,867'- 870', 10,762'- 764', 10,650'- 652'. POH with tools, max pressure for pump down- 5,192 psi. Max rate for pump down- 12.4 bpm. Total bbls pumped- 76 bbls. POH with tools, all tools recovered, all shots fired, and ball dropped.
Start Time 04:30	End Time 06:30	Comment Frac stage #32. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 950 psi perf friction, 378 psi NWB as per FracPro. 3. Stage treated well with all proppant placed. Ball Seat Stage Pressures and Rate: 5542 psi @ 15.4 bpm , 5145 psi Pressure before Seating , 5542 psi Pressure after Seating. BC-200-5% (6.3) FDP-M1075-12-4.3% (1.8) Vicon NF-4.4% (6.7) , Losurf 300D-2.7% (2.3) Cat 3/4-2.9% (1.2)
Start Time 06:30	End Time 08:30	Comment P&P stage #33 RIH with guns and plug to KOP. pumped down guns at 12 bpm and 4,805 psi, 288 fpm, 790 LTEN, pumped guns to 10,630'. Pulled up and got line tension and set plug. LT prior to setting plug 1,336. LT after plug set 1,015. Set plug at 10,600'. Plug set time 1 min. POH and perforated at 10,563'- 566', 10,502'- 504', 10,421'- 423'. POH with tools, max pressure for pump down- 4,815 psi. Max rate for pump down- 12.3 bpm. Total bbls pumped- 67 bbls. POH with tools, all tools recovered, all shots fired, and ball dropped.
Start Time 08:30	End Time 12:30	Comment Frac Stage #33, (Sanded off t-belt in 2ppg sand stage, due to hydraulic motor coming loose, went to flush, flush 287 bbls., pumped 5600 lbs. of 100 mesh & 18300 lbs. of sand, will re start job from pad, P/U and tighten motor back in place), Frac Stage #33, 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 19 holes open, 1253 psi perf friction, 248 psi NWB as per FracPro. 3. Extended Xlink pad to ensure good Xlink. 4. Trouble lining out Vicon in the 1.0ppg sand stage. 5. Sanded off t-belt in 2ppg stg (hydraulic motor loose) reduced rate but couldn't get back. Over flushed WB 50bbls, shutdown to fix. 6. Down 1.5hrs to fix T-belt, started job over from Xlink pad. No trouble getting back into interval. 7. Trouble lining out BC-200 and LoSurf during job. 8. Able to place job completely, good job by crew working through issues. Ball Seat Stage Pressures and Rate: 5625 psi @ 15 bpm , 5075 psi Pressure before Seating , 5675 psi Pressure after Seating BC-200-4.2% (7.3) , CL-31-4.6% (1.2) FE-2A-6.3% (1.1) , MO-67-3.8% (1.7) , FDP-M1075-12-6.2% (3.8) Vicon NF-4.3% (9) , Losurf 300D-3.7% (4.6) Cat 3/4-3.1% (1.8) , BE-9-2.9% (1.1)
Start Time 12:30	End Time 14:30	Comment P&P stage #34 RIH with guns and plug to KOP. pumped down guns at 12 bpm and 5,080 psi, 279 fpm, 802 LTEN, pumped guns to 10,290'. Pulled up and got line tension and set plug. LT prior to setting plug 1,170. LT after plug set 994. Set plug at 10,260'. Plug set time 35 secs. POH and perforated at 10,222'- 225', 10,135'- 137', 10,050'- 052'. POH with tools, max pressure for pump down- 5,438 psi. Max rate for pump down- 12.2 bpm. Total bbls pumped- 55 bbls. POH with tools, all tools recovered, all shots fired, and ball dropped.
Start Time 14:30	End Time 16:30	Comment Frac Stage #34. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 186 psi perf friction, 20 psi NWB as per FracPro. 3. Had dip in prop conc in the 4.0ppg sand stg, let hopper get low swapping compartments. 4. No other issues, placed completely. Ball Seat Stage Pressures and Rate: 5135 psi @ 15.1 bpm , 4820 psi Pressure before Seating , 5185 psi Pressure after Seating. WG-36-4.9% (75.4) , BC-200-4.3% (5.3) , MO-67-5% (1.2) , FDP-M1075-12-4% (1.7) Vicon NF-4.6% (6.7) , Losurf 300D-3.1% (2.6) Cat 3/4-2.7% (1.1)



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

Start Time			End Time			Comment		
16:30			18:30			P&P stage #35 RIH with guns and plug to KOP. pumped down guns at 12 bpm and 4,696 psi, 273 fpm, 880 LTEN, pumped guns to 10,040'. Pulled up and got line tension and set plug. LT prior to setting plug 1,300. LT after plug set 1100. Set plug at 10,010'. Plug set time 1 min. POH and perforated at 9,947'- 9,950', 9,885'- 9,887', 9,798'- 9,800'. POH with tools, max pressure for pump down- 4,702 psi. Max rate for pump down- 12.4 bpm. Total bbls pumped- 46 bbls. POH with tools, all tools recovered, all shots fired, and ball dropped.		
Start Time			End Time			Comment		
18:30			20:30			Frac stage #35. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 17 holes open, 1610 psi perf friction, 117 psi NWB as per FracPro. 3. Stage treated well with all proppant placed. Ball Seat Stage Pressures and Rate: 5156 psi @ 15 bpm , 4816 psi Pressure before Seating , 5156 psi Pressure after Seating BC-200-4.4% (5.3), FDP-M1075-12-4.4% (1.8) Vicon NF-4.9% (7), Losurf 300D-4.1% (3.4), Cat 3/4-3.6% (1.4) ,		
Start Time			End Time			Comment		
20:30			22:00			P&P stage #36. RIH with guns and plug to KOP. pumped down guns at 9.1 bpm and 4,645 psi, 263 fpm, 768 LTEN, pumped guns to 9,769'. Pulled up and got line tension and set plug. LT prior to setting plug 1,344. LT after plug set 1,100. Set plug at 9,750'. Plug set time 19 sec. POH and perforated at 9,720'- 723', 9,654'- 656', 9,475'- 477'. POH with tools, max pressure for pump down- 4,645 psi. Max rate for pump down- 9.1 bpm. Total bbls pumped- 27 bbls. POH with tools, all tools recovered, all shots fired, and ball dropped.		
Start Time			End Time			Comment		
22:00			23:30			Frac stage #36. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped with Recycled Water. 2. Calculated 21 holes open, 993 psi perf friction, 323 psi NWB as per FracPro. 3. Stage treated well with all proppant placed. Ball Seat Stage Pressures and Rate: 5103 psi @ 15.5 bpm , 4,833 psi Pressure before Seating , 5103 psi Pressure after Seating WG-36-6.4% (99.8), BC-200-4.2% (5.2), FDP-M1075-12-3.1% (1.3), Losurf 300D-4.1% (3.4), Cat 3/4-4.2% (1.7), BE-9-4.1% (1) Close lower master valve, close HCR valve, Well closed in and secured. 23:30 36 stage Frac complete on 14-7-6-3-2WH April 21, 2015		
Start Time			End Time			Comment		
23:30			00:00			RDMO J W Wireline unit on the 14-7-6-3-2WH well, Finish frac on the 15-7-6-3-2WH well.		
Report Start Date	Report End Date	24hr Activity Summary						
4/22/2015	4/23/2015	RDMO frac equipment, 36 stage Frac complete on 14-7-6-3-2WH,						
Start Time			End Time			Comment		
00:00			01:30			36 stage Frac complete on 14-7-6-3-2WH RDMO J W Wireline unit on the 14-7-6-3-2WH well, Finish frac on the 15-7-6-3-2WH well.		
Start Time			End Time			Comment		
01:30			08:00			39 stage Frac complete on 15-7-6-3-2WH. Close lower master valve. close HCR valve, Well closed in and secured. RDMO J W Wireline unit, Halliburton's frac equipment and clear location of equipment and extra water in tanks.		



Summary Rig Activity

Well Name: Andre 14-7-6-3-2WH

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Start Time	08:00	End Time	13:30	Comment
				ND Frac Trees leaving 10K 7 1/16" Lower master manual frac valve, NU Production Flow Trees 10K 7 1/16" x 5 1/8" Adapter spool, 10K 5 1/8" Flowcross with 1 13/16" Manual and Automatic outside wing valves, 10K5 1/8" Crown manual valve, capped with tree cap, ported with needle valve
Start Time	13:30	End Time	14:30	Comment
				Pressure Test Production Trees to Newfields standards
Start Time	14:30	End Time	18:00	Comment
				Turn well over to production, opened up well @16:20 with 3759 psi on a 8/64" choke
Start Time	18:00	End Time	00:00	Comment
				Shut Down for Night
Report Start Date	Report End Date	24hr Activity Summary		
4/23/2015	4/24/2015	Release equipment and and clean location		
Start Time	00:00	End Time	06:00	Comment
				Waiting for day light to finish cleaning location and releasing equipment.
Start Time	06:00	End Time	18:00	Comment
				Clean location and release all equipment

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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: 14-20-H62-6269
		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: ANDRE 14-7-6-3-2WH
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013527610000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0692 FSL 2364 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 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: 8/25/2015	<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 checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

An Artificial Lift System was installed on the above mentioned well. Well began producing to facilities @ 2:30 PM 8/25/2015

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 15, 2015**

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 9/11/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6269
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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.		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: ANDRE 14-7-6-3-2WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013527610000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0692 FSL 2364 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 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: 2/11/2015	<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: Andre 14-7-6-3-2WH**

Job Category	Job Start Date	Job End Date

Daily Operations		
Report Start Date 11/11/2014	Report End Date 11/12/2014	24hr Activity Summary Set 20" conductor pipe at 88' Patterson Rig #290 RKB,
Start Time 00:00	End Time 00:00	Comment Pro Petro SM Rig #1 spudded 30" hole on 11/11/2014 and drilled to 88' Patterson Rig #290 RKB. Set 20", 52.78# (0.250" wall), A53B conductor pipe at 88' Patterson Rig #290 RKB and cemented to surface with Pro Petro Cementers on 11/11/2014. Cement Job: Pumped 10 bbls fresh water flush ahead of cement. Mixed and pumped 450 sacks (92 bbls) of Premium Class G Cement with 2% CaCl ₂ , and 1/4 lb/sk flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 18.5 bbls fresh water. Finished pumping @ 19:00 PM on 11/11/2014. 2 bbls cement to surface. Shut in well after pumping stopped. Hole stood full after pumping stopped. Kylan Cook notified UDOGM and BLM by e-mail @ 08:30 AM on 11/10/2014 to spud conductor hole on 11/11/2014.
Report Start Date 11/18/2014	Report End Date 11/19/2014	24hr Activity Summary Rig up Pro Petro Rig #10. Pick up directional BHA. All depths and surveys are adjusted to Patterson Rig #290 RKB.
Start Time 11:00	End Time 23:00	Comment Move rig over (Pad Well) from Andre 15-7-6-3-2WH. Rigging up.
Start Time 23:00	End Time 00:00	Comment Start picking up directional BHA.
Report Start Date 11/19/2014	Report End Date 11/20/2014	24hr Activity Summary Pick up directional BHA. Spud 17 1/2" surface hole. Drill from 88' RKB to 1123' RKB. All depths and surveys are adjusted to Patterson Rig #290 RKB.
Start Time 00:00	End Time 00:30	Comment Finish picking up directional BHA. Trip in hole to 88' RKB.
Start Time 00:30	End Time 01:00	Comment Spud 17 1/2" hole @ 00:30 AM on 11/19/2014. Drill from 88' RKB to 93' RKB while picking up directional tools.
Start Time 01:00	End Time 01:30	Comment Tighten leaks in flow line.
Start Time 01:30	End Time 03:30	Comment Drill from 93' RKB to 153' RKB while picking up directional tools.
Start Time 03:30	End Time 04:00	Comment Install rotating head rubber.
Start Time 04:00	End Time 09:30	Comment Drill from 153' RKB to 553' RKB while picking up directional BHA. First sign of water flow was while making connection at 119' RKB. Flowing about 15 gallons per minute. Water sample was collected. Time water flow again while shut down changing rubber in rotating head at 553' RKB. Flow rate had slowed to about 10 gallons per minute.
Start Time 09:30	End Time 10:00	Comment Change rubber size in rotating head.

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

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Start Time	10:00	End Time	20:00	Comment
				Drill from 553' RKB to 1003' RKB.
Start Time	20:00	End Time	20:30	Comment
				Work on mud pump. Coolant leak.
Start Time	20:30	End Time	23:30	Comment
				Drill from 1003' RKB to 1123' RKB.
Start Time	23:30	End Time	00:00	Comment
				Check coolant level in mud pump.
Report Start Date	Report End Date	24hr Activity Summary		
11/20/2014	11/21/2014	Drill from 1123' RKB to TD @ 1683' RKB. Circulate. Trip out of hole.		
All depths and surveys are adjusted to Patterson Rig #290 RKB.				
Start Time	00:00	End Time	09:00	Comment
				Drill from 1123' RKB to 1513' RKB.
Start Time	09:00	End Time	09:30	Comment
				Rig service. Check fluids in mud pump.
Start Time	09:30	End Time	14:30	Comment
				Drill from 1513' RKB to 1633' RKB.
				Time water flow again while making connection at 1543' RKB. Flow rate had slowed to about 8 gallons per minute.
Start Time	14:30	End Time	15:30	Comment
				Check valves in mud pumps.
Start Time	15:30	End Time	16:30	Comment
				Drill from 1633' RKB to TD @ 1683' RKB.
				TD 17 1/2" hole @ 16:30 PM on 11/20/2014.
Start Time	16:30	End Time	19:30	Comment
				Circulate to trip out of hole for surface casing.
Start Time	19:30	End Time	00:00	Comment
				Trip out of hole to run surface casing.
				Time water flow at 8 gallons per minute.
Report Start Date	Report End Date	24hr Activity Summary		
11/21/2014	11/22/2014	Run surface casing. Circulate. Weld top cap. Cement surface casing. Wait on cement, clean pits, and rig down. Release rig.		
All depths and surveys are adjusted to Patterson Rig #290 RKB.				
Start Time	00:00	End Time	01:00	Comment
				Rig up to run surface casing.
				First sign of water flow was while making connection at 119' RKB.
				Well flowing 7 gallons per minute at the start of running casing.
Start Time	01:00	End Time	05:00	Comment
				Run 38 joints (1640.96') 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 @ 1668.96' RKB, Float Collar @ 1622.82' RKB. Had to wash last 2 joints of casing down.
Start Time	05:00	End Time	06:00	Comment
				Circulate with casing on bottom.
Start Time	06:00	End Time	08:00	Comment
				Weld top cap from casing to conductor pipe.
Start Time	08:00	End Time	08:30	Comment
				Circulate casing with rig pump. Rig up Pro Petro Cementers.

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

Start Time			End Time			Comment		
08:30			11:00			<p>Cement Job: Pumped 20 bbls fresh water & 40 bbls gelled water flush ahead of cement.</p> <p>Lead: Mixed and pumped 540 sacks (228 bbls) of Type V Cement with 16% Gel, 10 #/sk Gilsonite, 2#/sk Gr3, 3% Salt, and 1/4 #/sk Flocele. Mixed cement @ 12.5 ppg with yield of 2.38 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 245 bbls fresh water. Bumped plug with 1200# @ 10:23 AM on 11/21/2014. Floats held. 95 bbls cement to surface. No flow after landing plug. Shut in well after pumping stopped.</p> <p>Rig up to pump down annulus: Mixed and pumped 100 sacks (20 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. Shut in well after pumping stopped.</p> <p>Kylan Cook notified UDOGM and BLM of the surface casing & cement job via e-mail on 11/19/2014 @ 19:00 PM.</p>		
Start Time			End Time			Comment		
11:00			19:00			<p>Wait on cement, clean pits, and rig down.</p> <p>Release rig @ 19:00 PM on 11/21/2014.</p>		
Report Start Date	Report End Date	24hr Activity Summary						
12/21/2014	12/22/2014	<p>Finish preparation of location for drilling rig.</p> <p>All depths and surveys are adjusted to Patterson Rig #290 RKB.</p>						
Start Time			End Time			Comment		
00:00			00:00			<p>12/16/2014 - Drill Mouse Hole.</p> <p>12/19/2014 - Install Cellar Ring.</p> <p>12/20/2014 - Final blade location.</p> <p>12/20/2014 - Weld on Wellhead.</p> <p>12/21/2014 - Cement cellar floor up to the top of base plate on wellhead.</p> <p>Location is ready for drilling rig.</p>		
Report Start Date	Report End Date	24hr Activity Summary						
12/23/2014	12/24/2014	Rig move Day rate.						
Start Time			End Time			Comment		
00:00			00:00			Rig move Day rate.		
Report Start Date	Report End Date	24hr Activity Summary						
1/7/2015	1/8/2015	Skid Rig, NU Bop's, Test BOPs						
Start Time			End Time			Comment		
13:00			15:00			(Start) HPJSM w/ Rig Crews, Fuction Test Walking System for rig skid. Skid Rig 25' f/ the Andre 15-7-6-3-2 WH t/ the Andre 14-7-6-3-2 WH Walk catwalk.		
Start Time			End Time			Comment		
15:00			18:30			(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, Flow line, Kill Line, and Function Test Bop's		

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

Start Time	18:30	End Time	00:00	Comment (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, 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, Winterize choke manifold, Rig down testers
Report Start Date	1/8/2015	Report End Date	1/9/2015	24hr Activity Summary Test Bops, P/U BHA & TIH, Drill cmt 10' formtion Fit test, Drill F/ 1693' to 2188', Rig Service, Drill f/ 2188' to 2941'.
Start Time	00:00	End Time	03:00	Comment Cont.....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, 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, (Change Out 4" Valve On Mud Line)
Start Time	03:00	End Time	04:00	Comment R/D Testers, Winterize choke manifold, Rig down testers,Install Wear Bushing
Start Time	04:00	End Time	08:30	Comment (Start) Handle BHA, P/U & M/U Motor & Bit Install MWD Probe and surface test MWD & TIH Tag cement @ 1586'
Start Time	08:30	End Time	11:00	Comment (Start) Drill shoe track/FIT... Drill cement f/ 1586' to 1683' + 10' of formation (1693') (Float Collar @ 1622' Float Shoe @ 1668')
Start Time	11:00	End Time	12:00	Comment Circ Bottoms up and spot high vis sweep. FIT to 13.26 ppg EMW, Test Psi 360 held for 4 min Psi dropped to 353.
Start Time	12:00	End Time	16:00	Comment (Start) Drill 12.25" Vertical Hole Section F/ 1693' To 2188' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.2 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	00:00	Comment Drill 12.25" Vertical Hole Section F/ 2188' To 2941' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.7 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	1/9/2015	Report End Date	1/10/2015	24hr Activity Summary Drill f/ 2941' to 3409', Rig Service, Drill f/ 3409' to 3539'. Change swab in pump #2, Drill f/ 3539' to 5179'.
Start Time	00:00	End Time	04:00	Comment Drill 12.25" Vertical Hole Section F/ 2941' To 3409' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.7 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	05:30	Comment Drill 12.25" Vertical Hole Section F/ 3409' To 3539' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	05:30	End Time	06:30	Comment (Stop) Change swap on mud pump #2.
Start Time	06:30	End Time	00:00	Comment Drill 12.25" Vertical Hole Section F/ 3539' To 5179' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	1/10/2015	Report End Date	1/11/2015	24hr Activity Summary Drill F/ 5179' to 5563', Rig serv, Drill F/ 5563' to 6121', Rig service, Drill F/ 6121' to 6362'.

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

Start Time	00:00	End Time	04:30	Comment
				Drill 12.25" Vertical Hole Section F/ 5179' To 5563' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	04:30	End Time	05:00	Comment
				Rig service.
Start Time	05:00	End Time	05:30	Comment
				Drill 12.25" Vertical Hole Section F/ 5563' To 5600' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	05:30	End Time	16:00	Comment
				Drill 12.25" Vertical Hole Section F/ 5600' To 6053' Drill through Trona & Mohogany Bench with no more than 160 RPMS (2 Pumps on the hole at 95 a piece, 800 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	16:00	End Time	17:00	Comment
				Drill 12.25" Vertical Hole Section F/ 6053' To 6121' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	17:00	End Time	17:30	Comment
				Rig service.
Start Time	17:30	End Time	00:00	Comment
				Drill 12.25" Vertical Hole Section F/ 6121' To 6362' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	Report End Date	24hr Activity Summary		
1/11/2015	1/12/2015	Drill F/ 6362' to 6589', Rig serv, Drill F/ 6589' to 7151', Rig Service, Drill f/ 7151' to 7323'. Lost 770 psi off-bottom pressure, Circulate for TOOH, TOOH to Trona & ream Trona, find bad valve and seat on pump #1.		
Start Time	00:00	End Time	04:30	Comment
				Drill 12.25" Vertical Hole Section F/ 6362' To 6589' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	04:30	End Time	05:00	Comment
				Rig service.
Start Time	05:00	End Time	17:00	Comment
				Drill 12.25" Vertical Hole Section F/ 6589' To 7151' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	17:00	End Time	17:30	Comment
				Rig service.
Start Time	17:30	End Time	20:30	Comment
				Drill 12.25" Vertical Hole Section F/ 7151' To 7323' (2 Pumps on the hole at 100 a piece, 840 GPM) Present Mwt 9.8 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
				Began to see erratic pump pressures and then pressure dropped off while drilling. Pick up off bottom. Had lost 770 psi of off-bottom pressure.
Start Time	20:30	End Time	22:00	Comment
				(Stop) Circulate BU to TOOH. Pump Hi Visc sweep. Build trip slug.
Start Time	22:00	End Time	00:00	Comment
				Check flow - no flow. Pump trip slug. TOOH monitoring fill on trip tank. TOOH f/ 7323' to Trona. Ream Trona. Seeing low and erratic pump pressures on Pump #1 while reaming Trona. Find bad valve and seat on module #1.
Report Start Date	Report End Date	24hr Activity Summary		
1/12/2015	1/13/2015	Work on # 1 mud pump, Rig serv, TIH F/ 5560' to 7323', Drill F/ 7323' to 7713', Circ & Cond for TOOH, TOOH, pull rotating rubber, L/D bit & motor, PU new bit and motor.		
Start Time	00:00	End Time	01:00	Comment
				Replace valve & Seat in # 1 pump # 1 module
Start Time	01:00	End Time	02:30	Comment
				TIH F/ 5560' to 7323'

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

Start Time	02:30	End Time	03:00	Comment
				Rig service.
Start Time	03:00	End Time	12:00	Comment
				(Start) Drill 12.25" Vertical Hole Section F/ 7323' To 7713' (2 Pumps on the hole at 100 a piece, 840 GPM) Bring Mwt F/ 9.9 ppg to 10.2 ppg For TOOH for new mud mtr and Bit (Pump 30 bbl Hi Vis Sweep Every 200') Conn gas = 4250 units, BG= 1630 units.
Start Time	12:00	End Time	16:30	Comment
				Circ & Cond and bring mud wt up to 10.2 ppg for TOOH for mud mtr & Bit., Check flow & Pump slug
Start Time	16:30	End Time	21:30	Comment
				(Start) TOOH F/ Bit & 2.12 Mud mtr. Monitor well on trip tank. Hole taking proper fill. Ream tight spots f/ 2600'-2200'.
Start Time	21:30	End Time	22:00	Comment
				Pull rotating head rubber.
Start Time	22:00	End Time	00:00	Comment
				Stand back monels, L/D bit & motor, PU 8" motor and dial up to 2.12 deg bend, PU Ulterra U616M w/ 6x12's, scribe motor.
Report Start Date	Report End Date	24hr Activity Summary		
1/13/2015	1/14/2015	Handle BHA, install rotating rubber & surface test tools, TIH to 7713' reaming tight spots. Rig serv, Drill F/ 7713' to 7989'.		
Start Time	00:00	End Time	00:30	Comment
				PU Ulterra U616M w/ 6x12's, scribe motor.
Start Time	00:30	End Time	01:00	Comment
				Install rotating head rubber and shallow test tools @ 1021' Test good.
Start Time	01:00	End Time	14:00	Comment
				TIH W/ new BHA F/ 1021' to 7713', Wash & ream through tight spots @ 2050', 2198',2321',2547',3278',3754',3842',3915',4013',4147',4320',4428',4503',4596',4761',4856',4966',5087',5185',527 4',5364',5467',5549',5645',5738',5832',5926',6020',6110',6208,6394',6490',6584',6678',6772',6866',6960',7054',7 148',7516',7611',
Start Time	14:00	End Time	14:30	Comment
				Rig service.
Start Time	14:30	End Time	00:00	Comment
				(Start) Drill 12.25" Vertical Hole Section F/ 7713' To 7989' (2 Pumps on the hole at 95 a piece, 800 GPM) Present mud wt 10.2 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	Report End Date	24hr Activity Summary		
1/14/2015	1/15/2015	Drill F/ 7989' to 7999', Survey, Drill F/ 7999' to 8082', Rig serv, Drill F/ 8082' to 8363', Rig serv, Drill F/ 8363' to 8505'. Circulate and TOOH.		
Start Time	00:00	End Time	01:00	Comment
				Drill 12.25" Vertical Hole Section F/ 7989' To 7999' (2 Pumps on the hole at 95 a piece, 800 GPM) Present mud wt 10.2 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	01:00	End Time	01:30	Comment
				Dirc survey.
Start Time	01:30	End Time	04:00	Comment
				Drill 12.25" Vertical Hole Section F/ 7999' To 8082' (2 Pumps on the hole at 95 a piece, 800 GPM) Present mud wt 10.2 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	15:30	Comment
				Drill 12.25" Vertical Hole Section F/ 8082' To 8363' (2 Pumps on the hole at 95 a piece, 800 GPM) Present mud wt 10.5 ppg (Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	15:30	End Time	16:00	Comment
				Rig service.

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

Start Time			End Time			Comment		
16:00			20:30			Drill 12.25" Vertical Hole Section F/ 8363' To 8508' (2 Pumps on the hole at 95 a piece, 800 GPM) Present mud wt 10.5 ppg (Pump 30 bbl Hi Vis Sweep Every 200')		
Start Time			End Time			Comment		
20:30			23:00			(Start) Circulate. Pump High Visc. sweep. Bring MW up to 10.7. Build 50 bbl 12.7# trip slug.		
Start Time			End Time			Comment		
23:00			00:00			(Start)TOOH f/ 8508' to 8000'. Monitor well on trip tank. Well taking proper fill. SLM.		
Report Start Date	Report End Date	24hr Activity Summary						
1/15/2015	1/16/2015	TOOH, Pull wear bushing, Clean floor R/U and run 208 jts of 9 5/8" casing set at 8505'/KB. R/U Halliburton hard lines, circulate and prepare to cement.						
Start Time			End Time			Comment		
00:00			04:00			TOOH f/ 8000' to 965'. Monitor well on trip tank. Well taking proper fill. Pason TD = 8508', SLM correction 8517' 9.60' different		
Start Time			End Time			Comment		
04:00			08:00			(Start) Laying down HWDP & Dirac BHA. Pull rotating head.		
Start Time			End Time			Comment		
08:00			09:00			Pull Wear Bushing		
Start Time			End Time			Comment		
09:00			09:30			Clean rig floor.		
Start Time			End Time			Comment		
09:30			11:00			(Start) Casing Operations... Held safety meeting with casing crew & Rig crew & Rig up casers.		
Start Time			End Time			Comment		
11:00			13:30			Pick up 2 jt shoe track and Run 9 5/8" 40 # BTC connection, F/ surface t/ 1845'. Centrizers 1 on the first 10 jts and 1 on every third jt for a total of 15, Fill Pipe Every 3000'		
Start Time			End Time			Comment		
13:30			14:30			Install Rotating head rubber.		
Start Time			End Time			Comment		
14:30			21:30			Continue running 9 5/8" casing F/ 1845' t/ 8505' . Ran a total of 206 full jts of casing, Centrizers 1 on the first 10 jts and 1 on every third jt for a total of 15, Fill Pipe Every 3000'		
Start Time			End Time			Comment		
21:30			22:30			HPJSM w/ Frank's. RD casing crew. Circulate casing.		
Start Time			End Time			Comment		
22:30			00:00			(Start) Held safety mtg Halliburton on location @ 2130. HPJSM and RU cementers. Circulate through Halliburton head w/ rig pump.		
Report Start Date	Report End Date	24hr Activity Summary						
1/16/2015	1/17/2015	R/U Halliburton, cement casing, install packoff, install wear bushing and clean mud tanks. P/U BHA and stand back in derrick, cut drill line, rig service and trip in hole to drill out shoe track.						
Start Time			End Time			Comment		
00:00			02:00			Continue circ while R/U Halliburton equipment,		
Start Time			End Time			Comment		
02:00			07:00			PJSM w/ Halliburton, test lines w/H2O to 5000 psi, pump tuned spacer 40 bbl/11.5 ppg, 1st lead cement 35 bbl/12.5 ppg, 2nd lead cement 387 bbl/12.5 ppg. pump tail cement 129 bbl/14ppg, drop plug, displacemnt 628 bbl/12.2 ppg OBM, plug down @ 07:00, 40 bbl tuned spacer back to surface & 60 BBLs cement, 4.5 bbls back and float held. Flush BOP.		
Start Time			End Time			Comment		
07:00			08:00			R/D Halliburton.		
Start Time			End Time			Comment		
08:00			10:00			(Start) NU Well Head... PJSM w/ FMC, back out landing jt & L/D Landing Joint, P/U joint of 5" DP, Wash Well Head Out, L/D Wash Tool & install pack-off and pressure test to 5000 psi 25 min (verified by NFX company rep). Cont to Clean Mud Tanks.		
Start Time			End Time			Comment		
10:00			11:00			Install wear bushing.		

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

Report Start Date 1/17/2015			Report End Date 1/18/2015			24hr Activity Summary TIH & fill pits W/ OBM, Circ F/ casing test, Test csg, Drill shoe track, Fit test, Circ For TOOH to P/U Curve BHA. P/U Dir tools & program dir tools, Batteries exploded inside tool, Wait on dirc tools, Program new tools, p/u and run in hole to drill curve and lateral.		
Start Time	11:00	End Time	15:30	Comment (Start) Cleaning mud pits F/ OBM section, P/U BHA and stand it back in the derrick, Cut Drilling line.				
Start Time	15:30	End Time	16:00	Comment Rig service.				
Start Time	16:00	End Time	00:00	Comment (Start) TIH to drill out shoe track filling pipe every 3000' (Fill mud tanks w/ OBM).				
Start Time	00:00	End Time	01:30	Comment TIH & fill mud tanks with OBM, Tagged Float @ 8416'				
Start Time	01:30	End Time	03:00	Comment Circ & Cond F/ casing test				
Start Time	03:00	End Time	03:30	Comment (Start) Pressure test 9.625" casing with rig pumps @ 2200 psi for 30 mins				
Start Time	03:30	End Time	06:00	Comment (Start) Drill shoe track/FIT... Tag float collar @ 8416', drill shoe track, tag float shoe @ 8505'. Drill 13' of new formation for FIT. Drill 8.75" Hole f/ 8517' To 8530' (2 Pumps on the hole at 80 a piece, 457 GPM) Present Mwt 13.6 ppg				
Start Time	06:00	End Time	07:00	Comment (Start) Circulate for fit test, Perform FIT to 1282 PSI EMW 16.5 PPG-13.6 PPG= 2.9 PPG x 8505' x .052= 1282 PSI Held for 4 min dropped down to 1204 PSI. = 16.32 EMW.				
Start Time	07:00	End Time	07:30	Comment Circ Btms up & Pump dry job for TOOH F/ RSS.				
Start Time	07:30	End Time	11:30	Comment (Start) TOOH to P/U Curve BHA. F/ 8530' to 283' Monitor trip tank for proper fill.				
Start Time	11:30	End Time	12:30	Comment L/D HWDP & Reamer and bit.				
Start Time	12:30	End Time	13:30	Comment (Start) P/U & M/U Dir Tools &.				
Start Time	13:30	End Time	14:00	Comment Program Dir Tools & Clean rig floor.				
Start Time	14:00	End Time	15:00	Comment (Stop Unplanned) Trouble shoot Dirc tools batteries failed & Exploded inside tool				
Start Time	15:00	End Time	17:00	Comment Wait on dirc tools coming from Pioneer rig # 44				
Start Time	17:00	End Time	20:00	Comment (Start)Program Rotary Steerable tools				
Start Time	20:00	End Time	21:30	Comment (Start) P/U directional assembly and directional BHA				
Start Time	21:30	End Time	22:00	Comment (Start) Install rotating head rubber.				
Start Time	22:00	End Time	00:00	Comment (Start) TIH f/ surface to 8530'. Fill pipe every 2000'.				
Report Start Date	1/18/2015	Report End Date	1/19/2015	24hr Activity Summary Continue to TIH to 8530'. Send downlink and drill 8.75" curve f/ 8530' to 8737', Circ Btms up F/ TOOH F/ RSS. Aluminum, from float, was stuck in the nose of the bit. P/U new RSS				
Start Time	00:00	End Time	02:30	Comment (Start) Trip in hole w/ curve assembly to 8530'.				

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

Start Time	02:30	End Time	03:30	Comment	Send downlink
Start Time	03:30	End Time	15:30	Comment	(Start) Drill 8.75" Curve Section f/ 8530' To 8737' (1 Pump on the hole at 100 a piece, 425 GPM) Present Mwt 13. ppg
Start Time	15:30	End Time	16:00	Comment	(Stop Unplanned) Circ Btms up & build trip slug F/ TOOH for new RSS
Start Time	16:00	End Time	21:00	Comment	TOOH. Lay down HEL/BAP/IDS and the RSS. Found aluminum, stuck in the blades, on nose of the bit. Assume the junk was from the float. No damage to the bit.
Start Time	21:00	End Time	23:00	Comment	Upload data from old tool.
Start Time	23:00	End Time	23:30	Comment	Lay down HEL/BAP/IDS and the RSS
Start Time	23:30	End Time	00:00	Comment	Program Rotary Steerable tools
Report Start Date	1/19/2015	Report End Date	1/20/2015	24hr Activity Summary Program dirc tools, P/U New RSS, TIH, Drill F/ 8737' to 8853', Rig serv. RSS failure, circulate, TOOH and program directional tools (RSS).	
Start Time	00:00	End Time	01:00	Comment	Continue Program Rotary Steerable tools.
Start Time	01:00	End Time	02:30	Comment	P/U new RSS tools. Take shallow hole test
Start Time	02:30	End Time	04:00	Comment	TIH to 3700'
Start Time	04:00	End Time	05:30	Comment	Stop work man hurt his back while pulling slips.
Start Time	05:30	End Time	08:00	Comment	(Start) Continue TIH W/ new RSS F/ 3700' to 8737'
Start Time	08:00	End Time	08:30	Comment	(Start) Send Downlink to turn tool on.
Start Time	08:30	End Time	15:30	Comment	(Start) Drill 8.75" Curve Section f/ 8737' To 8853' (1 Pump on the hole at 100 a piece, 425 GPM) Present Mwt 13.6 ppg, Limiting ROP 20' hr.
Start Time	15:30	End Time	16:00	Comment	Rig service.
Start Time	16:00	End Time	17:00	Comment	(Stop Unplanned) Circ Btms up & build trip slug F/ TOOH for new RSS
Start Time	17:00	End Time	21:00	Comment	TOOH, lay down HEL/BAP/IDS and the RSS
Start Time	21:00	End Time	23:00	Comment	Program Rotary Steerable tools
Start Time	23:00	End Time	23:30	Comment	P/U HEL/BAP/IDS and the RSS and install rotating head rubber.
Start Time	23:30	End Time	00:00	Comment	Run shallow hole test on tools.
Report Start Date	1/20/2015	Report End Date	1/21/2015	24hr Activity Summary TIH, Fill pipe bad float, TOOH F/ Float, TIH W/ new RSS. Drill 8.75' Curve f/ 8853' to 9143'.	
Start Time	00:00	End Time	01:30	Comment	TIH W/ new RSS to 3040'
Start Time	01:30	End Time	02:00	Comment	Fill pipe bad float, pump trip slug.

NEWFIELD**Summary Rig Activity****Well Name: Andre 14-7-6-3-2WH**

Start Time	02:00	End Time	03:30	Comment	TOOH to change bad float F/ 3040' to surface. Change out float.
Start Time	03:30	End Time	07:30	Comment	TIH F/ Surface to 8856'
Start Time	07:30	End Time	14:00	Comment	(Start) Drill 8.75" Curve Section f/ 8853' To 8946' (1 Pump on the hole at 100 a piece, 425 GPM) Present Mwt 13.6 ppg, Limiting ROP 20' hr.
Start Time	14:00	End Time	14:30	Comment	Lubricate top drive, drawworks, ST-8- and catwalk.
Start Time	14:30	End Time	00:00	Comment	Drill 8.75" Curve Section f/ 8946' To 9143' (2 Pumps on the hole at 60 a piece, 500 GPM) Present Mwt 14.6 ppg, Limiting ROP 40' hr.
Report Start Date	1/21/2015	Report End Date	1/22/2015	24hr Activity Summary Drill F/ 9143' to 9228', Rig serv, Drill F/ 9228' to 9353', Down link. Drill F/ 9353' to 9696', Rig serv, Drill F/ 9696' to 10025'	
Start Time	00:00	End Time	02:30	Comment	Drill 8.75" Curve Section f/ 9143' To 9228' (2 Pumps on the hole at 60 a piece, 500 GPM) Present Mwt 14.6 ppg, Limiting ROP 40' hr.
Start Time	02:30	End Time	03:00	Comment	Rig service.
Start Time	03:00	End Time	06:00	Comment	Drill 8.75" Curve Section f/ 9228' To 9353' (2 Pumps on the hole at 60 a piece, 500 GPM) Present Mwt 14.6 ppg, Limiting ROP 40' hr.
Start Time	06:00	End Time	06:30	Comment	Down link.
Start Time	06:30	End Time	08:30	Comment	Drill 8.75" Curve Section f/ 9353' To 9432' (2 Pumps on the hole at 60 a piece, 500 GPM) Present Mwt 14.8 ppg, Landed curve @ Inc 87.67, Azi 356.05, TVD @ 8881'
Start Time	08:30	End Time	15:30	Comment	Drill 8.75" Lateral Section f/ 9432' To 9696' (2 Pumps on the hole at 60 a piece, 500 GPM) Present Mwt 15.0 ppg.
Start Time	15:30	End Time	16:00	Comment	Rig service.
Start Time	16:00	End Time	00:00	Comment	Drill 8.75" Lateral Section f/ 9696' To 10025' (1 Pump on the hole at 120 a piece, 500 GPM) Present Mwt 15.2 ppg,
Report Start Date	1/22/2015	Report End Date	1/23/2015	24hr Activity Summary Drill F/ 10025' to 10070', Rig serv, Drill F/ 10070' to 10665'	
Start Time	00:00	End Time	02:30	Comment	Drill 8.75" Lateral Section f/ 10025' To 10070' (1 Pump on the hole at 120 a piece, 500 GPM) Present Mwt 15.2 ppg,
Start Time	02:30	End Time	03:00	Comment	Rig service.
Start Time	03:00	End Time	16:30	Comment	Drill 8.75" Lateral Section f/ 10070' To 10445' (2 Pump on the hole at 65 a piece, 530 GPM) Present Mwt 15.3 ppg,
Start Time	16:30	End Time	17:00	Comment	Rig Service
Start Time	17:00	End Time	00:00	Comment	Drill 8.75" Lateral Section f/ 10445' To 10665' (2 Pump on the hole at 65 a piece, 530 GPM) Present Mwt 15.3 ppg,

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Daily Operations			
Report Start Date 1/23/2015	Report End Date 1/24/2015	24hr Activity Summary Drill f/ 10665 to 10726', Rig Service, Drill f/ 10726' to 10912, Rig Service, Drill f/ 10912' to 11235'.	
Start Time	00:00	End Time	03:00
			Comment Drill 8.75" Lateral Section f/ 10665' To 10726' (2 Pump on the hole at 65 a piece, 530 GPM) Present Mwt 15.3 ppg.
Start Time	03:00	End Time	03:30
			Comment Rig Service
Start Time	03:30	End Time	14:30
			Comment Drill 8.75" Lateral Section f/ 10726' To 10912' (2 Pump on the hole at 65 a piece, 530 GPM) Present Mwt 15.3 ppg.
Start Time	14:30	End Time	15:00
			Comment Rig Service
Start Time	15:00	End Time	00:00
			Comment Drill 8.75" Lateral Section f/ 10912' To 11235' (2 Pump on the hole at 65 a piece, 530 GPM) Present Mwt 15.3 ppg.
Report Start Date 1/24/2015	Report End Date 1/25/2015	24hr Activity Summary Drill f/ 11235 to 11382', Rig Service, Drill f/ 11382' to 11662', Rig Service, Drill f/ 11662' to 11800'	
Start Time	00:00	End Time	03:30
			Comment Drill 8.75" Lateral Section f/ 11235' To 11382' (1 Pump on the hole at 119 a piece, 500 GPM) Present Mwt 15.3 ppg.
Start Time	03:30	End Time	04:00
			Comment Rig Service
Start Time	04:00	End Time	17:00
			Comment Drill 8.75" Lateral Section f/ 11382' To 11662' (2 Pumps on the hole at 62 a piece, 520 GPM) Present Mwt 15.3 ppg.
Start Time	17:00	End Time	17:30
			Comment Rig Service
Start Time	17:30	End Time	00:00
			Comment Drill 8.75" Lateral Section f/ 11662' To 11800' (2 Pumps on the hole at 62 a piece, 520 GPM) Present Mwt 15.3 ppg.
Report Start Date 1/25/2015	Report End Date 1/26/2015	24hr Activity Summary Drill f/ 11800' to 11943', rig service, Drill f/ 11943' to 12225', Rig Service, Drill f/12225' to 12480'	
Start Time	00:00	End Time	05:00
			Comment Drill 8.75" Lateral Section f/ 11800' To 11943' (2 Pumps on the hole at 62 a piece, 520 GPM) Present Mwt 15.3 ppg.
Start Time	05:00	End Time	05:30
			Comment Rig service
Start Time	05:30	End Time	14:30
			Comment Drill 8.75" Lateral Section f/ 11943' To 12225' (2 Pumps on the hole at 62 a piece, 520 GPM) Present Mwt 15.3 ppg.
Start Time	14:30	End Time	15:00
			Comment Rig Service
Start Time	15:00	End Time	00:00
			Comment Drill 8.75" Lateral Section f/ 12225' To 12480' (2 Pumps on the hole at 62 a piece, 520 GPM) Present Mwt 15.3 ppg.
Report Start Date 1/26/2015	Report End Date 1/27/2015	24hr Activity Summary Drill f/12480' to 12607', Circ Btms Up, Tooh for New Rss & Bit, TOO H/ 12,607' to Surface, C/O BHA. TIH to a depth of 8523'.	

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Start Time	00:00	End Time	07:00	Comment	Drill 8.75" Lateral Section f/ 12480' To 12607' (2 Pumps on the hole at 62 a piece, 520 GPM) Present Mwt 15.3 ppg,
Start Time	07:00	End Time	09:00	Comment	Circ 2 Btms up & build trip slug Check For Flow (Well Is Static)
Start Time	09:00	End Time	15:30	Comment	Pump Trip Slug, And TOOH F/ 12607' to Surface.
Start Time	15:30	End Time	17:00	Comment	Handle Bha & C/O BHA & Bit
Start Time	17:00	End Time	19:00	Comment	Program directional tools and shallow test.
Start Time	19:00	End Time	00:00	Comment	TIH to a depth of 8481'.
Report Start Date	1/27/2015	Report End Date	1/28/2015	24hr Activity Summary TIH f/ 8523' to 12607'. Downlink tool and drill f/ 12607' to 12821', Re Log Dir Data, Drill f/ 12607' to 13040', Trouble Shoot Rss, Drill f/ 13040' to 13071, Rig Service, Drill f/ 13071' to 13308'.	
Start Time	00:00	End Time	02:00	Comment	Trip in hole to 12607'.
Start Time	02:00	End Time	02:30	Comment	Downlink Directional tools.
Start Time	02:30	End Time	07:30	Comment	(Start) Drill 8.75" Lateral Section f/ 12607' To 12821' (2 Pumps on the hole at 55 a piece, 470 GPM) Present Mwt 15.3 ppg Raise Mwt f/ 15.3 ppg to 15.4 ppg
Start Time	07:30	End Time	08:00	Comment	(Stop Unplanned) Re Log Dir Data
Start Time	08:00	End Time	13:30	Comment	(Start) Drill 8.75" Lateral Section f/ 12607' To 13040' (2 Pumps on the hole at 55 a piece, 470 GPM) Present Mwt 15.3 ppg,Raise Mwt f/ 15.3 ppg to 15.4 ppg
Start Time	13:30	End Time	14:00	Comment	(Stop) Unplanned..... Trouble Shoot LWD not able to hold Tool Face
Start Time	14:00	End Time	14:30	Comment	(Start) Drill 8.75" Lateral Section f/ 13040' To 13071' (2 Pumps on the hole at 55 a piece, 470 GPM) Present Mwt 15.4 ppg,
Start Time	14:30	End Time	15:00	Comment	Routine Rig Service
Start Time	15:00	End Time	00:00	Comment	(Start) Drill 8.75" Lateral Section f/ 13071' To 13308' (2 Pumps on the hole at 55 a piece, 470 GPM) Present Mwt 15.4 ppg,
Report Start Date	1/28/2015	Report End Date	1/29/2015	24hr Activity Summary Drill f/ 13308' to 13821', Rig Service, Drill f/ 13821' to 13938, Change swivel packing, Drill f/13938' to 14009'	
Start Time	00:00	End Time	15:30	Comment	Drill 8.75" Lateral Section f/ 13308' To 13821' (2 Pumps on the hole at 55 a piece, 460 GPM) Present Mwt 15.4 ppg,
Start Time	15:30	End Time	16:00	Comment	Rig Service
Start Time	16:00	End Time	19:30	Comment	Drill 8.75" Lateral Section f/ 13821' To 13938' (2 Pumps on the hole at 55 a piece, 460 GPM) Present Mwt 15.4 ppg,
Start Time	19:30	End Time	21:00	Comment	Change swivel packing and wash pipe

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Start Time		End Time		Comment
21:00		00:00		Drill 8.75" Lateral Section f/ 13938' To 14009' (2 Pumps on the hole at 55 a piece, 460 GPM) Present Mwt 15.4 ppg,
Report Start Date	Report End Date	24hr Activity Summary		
1/29/2015	1/30/2015	Rig Service, Drill f/14009' to 14570' Rig Service, Drill f/ 14570' to 14912'		
Start Time		End Time		Comment
00:00		00:30		Rig Service
Start Time		End Time		Comment
00:30		16:00		Drill 8.75" Lateral Section f/ 14009'To 14570' (2 Pumps on the hole at 55 a piece, 460 GPM) Present Mwt 15.4 ppg,
Start Time		End Time		Comment
16:00		16:30		Routine Rig Service
Start Time		End Time		Comment
16:30		00:00		Drill 8.75" Lateral Section f/ 14570' To 14912' (2 Pumps on the hole at 55 a piece, 460 GPM) Present Mwt 15.4 ppg,
Report Start Date	Report End Date	24hr Activity Summary		
1/30/2015	1/31/2015	Drill f/14912' to 14945' Rig Service, Drill f/ 14945' to 15601', Rig Service, Drill f/15601' to 15820'		
Start Time		End Time		Comment
00:00		00:30		Drill 8.75" Lateral Section f/ 14912' To 14945' (2 Pumps on the hole at 55 a piece, 460 GPM) Present Mwt 15.4 ppg,
Start Time		End Time		Comment
00:30		01:00		Rig Service
Start Time		End Time		Comment
01:00		16:00		Drill 8.75" Lateral Section f/ 14945' To 15601' (2 Pumps on the hole at 52 a piece, 432 GPM) Present Mwt 15.6 ppg,
Start Time		End Time		Comment
16:00		16:30		Rig Service
Start Time		End Time		Comment
16:30		00:00		Drill 8.75" Lateral Section f/ 15601' To 15820' (2 Pumps on the hole at 52 a piece, 432 GPM) Present Mwt 15.6 ppg,
Report Start Date	Report End Date	24hr Activity Summary		
1/31/2015	2/1/2015	Drill f/15820' to 15881', Rig Service, Drill f/15881' to16019', Circ Btms Build Trip Slug, Pump trip Slug, TOOH f/ 16019' to BHA, pull rotating rubber, C/O bit, RSS, HEL & Tomax		
Start Time		End Time		Comment
00:00		03:30		Drill 8.75" Lateral Section f/ 15820' To 15881' (2 Pumps on the hole at 52 a piece, 432 GPM) Present Mwt 15.6 ppg,
Start Time		End Time		Comment
03:30		04:00		Rig Service
Start Time		End Time		Comment
04:00		12:30		Drill 8.75" Lateral Section f/ 15881' To 16019' (2 Pumps on the hole at 52 a piece, 432 GPM) Present Mwt 15.6 ppg,
Start Time		End Time		Comment
12:30		14:30		(Stop) Unplanned.....Circ 1 Btms up & build trip slug Check For Flow (Well Is Static)
Start Time		End Time		Comment
14:30		21:00		Pump Trip Slug, And TOOH F/ 16019' to BHA.
Start Time		End Time		Comment
21:00		21:30		Pull rotating rubber
Start Time		End Time		Comment
21:30		00:00		Change out Bit, RSS, HEL & Tomax
Report Start Date	Report End Date	24hr Activity Summary		
2/1/2015	2/2/2015	Install rotating rubber, shallow test directional tools, rig service, trip in hole to 8362, Circ Btms Up & Cut And Slip Drilling Line, Cont to TIH, Down Link Dir Tools, Drill 8.75" Lateral f/ 16019' to 16063, Rig Service,Drill f/ 16063' to 16312'		

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Start Time	00:00	End Time	00:30	Comment	Install rotating head rubber
Start Time	00:30	End Time	01:00	Comment	Shallow test directional tools (good test)
Start Time	01:00	End Time	01:30	Comment	Rig Service
Start Time	01:30	End Time	06:00	Comment	Trip in hole to 8362, fill pipe @ 2951', 5770', 8362
Start Time	06:00	End Time	07:30	Comment	Circ Btms up & Cut & Slip 120' of Drlg Line.
Start Time	07:30	End Time	11:30	Comment	Trip in hole to 15995, fill pipe @ 11,478', 14301,
Start Time	11:30	End Time	12:30	Comment	Down Link Directional Tools
Start Time	12:30	End Time	15:30	Comment	Drill 8.75" Lateral Section f/ 16019' To 16063' (2 Pumps on the hole at 78 a piece, 452 GPM) Present Mwt 15.6 ppg,
Start Time	15:30	End Time	16:00	Comment	Rig Service
Start Time	16:00	End Time	00:00	Comment	Drill 8.75" Lateral Section f/ 16063' To 16312' (2 Pumps on the hole at 83 a piece, 480 GPM) Present Mwt 15.6 ppg,
Report Start Date	Report End Date	24hr Activity Summary			
2/2/2015	2/3/2015	Drill 8.75 lateral f/16312' to 16344', Rig Service, Drill f/16344' to 16777'			
Start Time	00:00	End Time	01:00	Comment	Drill 8.75" Lateral Section f/ 16312' To 16344' (2 Pumps on the hole at 85 a piece, 490 GPM) Present Mwt 15.6 ppg,
Start Time	01:00	End Time	01:30	Comment	Rig Service
Start Time	01:30	End Time	17:30	Comment	Drill 8.75" Lateral Section f/ 16344' To 16707' (2 Pumps on the hole at 85 a piece, 490 GPM) Present Mwt 15.6 ppg,
Start Time	17:30	End Time	18:00	Comment	Rig Service
Start Time	18:00	End Time	00:00	Comment	Drill 8.75" Lateral Section f/ 16707' To 16777' (2 Pumps on the hole at 83 a piece, 480 GPM) Present Mwt 15.6 ppg,
Report Start Date	Report End Date	24hr Activity Summary			
2/3/2015	2/4/2015	Drill 8.75 lateral f/16777' to 16790', Rig Service, Circulate for trip due to ROP, trip out of hole, replace batteries in HEL, shallow test tools, trip in hole to 6700'			
Start Time	00:00	End Time	02:00	Comment	Drill 8.75" Lateral Section f/ 16777' To 16790' (2 Pumps on the hole at 83 a piece, 480 GPM) Present Mwt 15.6 ppg,
Start Time	02:00	End Time	02:30	Comment	Down link to directional tools for trip out of hole
Start Time	02:30	End Time	03:00	Comment	Rig Service

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Start Time			End Time			Comment		
03:00			08:00			(Start) Circulate 4 bottoms up clean up cycle for trip out due to ROP Recipitate drill string w/150 rpm and 470 gpm/4030 psi 1st bottom up-cuttings at shakers med/heavy30% fines 2nd bottoms up-cuttings at shakers small/med 20% fines 3rd bottoms up-cuttings at shakers small/med 20% fines 4th bottoms up-cuttings at shakers small/med 20% fines		
Start Time			End Time			Comment		
08:00			14:30			Check For Flow (Well Is Static) Pump Trip Slug, And TOO H F/ 16790' to Surface.		
Start Time			End Time			Comment		
14:30			21:00			Handle Dir BHA Down Load & L/D Hel Tool and replace Batteries,& C/O Bit, P/U HEL, program tools, P/U 1 std, shallow test tools (good test)		
Start Time			End Time			Comment		
21:00			00:00			Trip in hole f/220' to 6700, fill pipe @ 2942', 5762'		
Report Start Date	Report End Date	24hr Activity Summary						
2/4/2015	2/5/2015	Trip in hole f/6700' to 13000' Rig Service, Trip in hole f/13000' to 16790, Down Link, Drill f/ 16790' to 17094', Rig Service, Drill f/ 17094' to 17378'						
Start Time			End Time			Comment		
00:00			03:00			Trip in hole f/6700' to 13000', fill pipe @ 8848', 12045',		
Start Time			End Time			Comment		
03:00			03:30			Rig Service		
Start Time			End Time			Comment		
03:30			06:00			Trip in hole f/13000' to 16790', fill pipe @ 14840'		
Start Time			End Time			Comment		
06:00			06:30			Down Link Directional Tools		
Start Time			End Time			Comment		
06:30			15:00			(Start) Drill 8.75" Lateral Section f/ 16790' To 17094' (2 Pumps on the hole at 83 a piece, 480 GPM) Present Mwt 15.6 ppg,		
Start Time			End Time			Comment		
15:00			15:30			Rig Service		
Start Time			End Time			Comment		
15:30			00:00			Drill 8.75" Lateral Section f/ 17094' To 17378' (2 Pumps on the hole at 83 a piece, 480 GPM) Present Mwt 15.6 ppg		
Report Start Date	Report End Date	24hr Activity Summary						
2/5/2015	2/6/2015	Rig serv, Drill 8.75 lateral f/17378' to 17843', Rig serv, Drill F/ 17843' to 18090'						
Start Time			End Time			Comment		
00:00			00:30			Rig Service		
Start Time			End Time			Comment		
00:30			15:00			Drill 8.75" Lateral Section f/ 17378' To 17843' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.6 ppg		
Start Time			End Time			Comment		
15:00			15:30			Rig Service		
Start Time			End Time			Comment		
15:30			00:00			Drill 8.75" Lateral Section f/ 17843' To 18090' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.8 ppg Raise MW from 15.6ppg to 15.8ppg		
Report Start Date	Report End Date	24hr Activity Summary						
2/6/2015	2/7/2015	Drill 8.75 lateral f/18090' to 18124', Rig Service, Drill f/18124' to 18190', Down link, Drill F/ 18190' to 18223' Downlink, Drill F/ 18223' to 18273', Downlink, Drill F/ 18273' to 18409' Rig serv, Drii F/ 18409' to 18523'.						

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Start Time	00:00	End Time	01:30	Comment	Drill 8.75" Lateral Section f/ 18090' To 18124' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.8 ppg
Start Time	01:30	End Time	02:00	Comment	Rig Service
Start Time	02:00	End Time	05:00	Comment	Drill 8.75" Lateral Section f/ 18124' To 18190' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.8 ppg
Start Time	05:00	End Time	05:30	Comment	Down link to directional tools
Start Time	05:30	End Time	07:00	Comment	Drill 8.75" Lateral Section f/ 18190' To 18223' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.8 ppg
Start Time	07:00	End Time	07:30	Comment	Downlink.
Start Time	07:30	End Time	09:00	Comment	Drill 8.75" Lateral Section f/ 18223' To 18273' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.8 ppg
Start Time	09:00	End Time	09:30	Comment	Downlink.
Start Time	09:30	End Time	17:30	Comment	Drill 8.75" Lateral Section f/ 18273' To 18409' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.8 ppg
Start Time	17:30	End Time	18:00	Comment	Rig service.
Start Time	18:00	End Time	00:00	Comment	Drill 8.75" Lateral Section f/ 18409' To 18523' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.8 ppg
Report Start Date	2/7/2015	Report End Date	2/8/2015	24hr Activity Summary Drill 8.75 Lateral f/18523 to 18547', down link/trouble shoot weak pulse, Drill f/18547' to 18593', Rig Service, Drill f/18593' to 18780', Rig service, Drill f/18780' to 18795', Clean up cycle	
Start Time	00:00	End Time	01:30	Comment	Drill 8.75" Lateral Section f/ 18523' To 18547' (2 Pumps on the hole at 78 a piece, 450 GPM) Present Mwt 15.8 ppg
Start Time	01:30	End Time	02:30	Comment	Down link/Trouble shool weak pulse
Start Time	02:30	End Time	04:30	Comment	Drill 8.75" Lateral Section f/ 18547' To 18593' (2 Pumps on the hole at 80 a piece, 465 GPM) Present Mwt 15.8 ppg
Start Time	04:30	End Time	05:00	Comment	Rig Service
Start Time	05:00	End Time	15:30	Comment	Drill 8.75" Lateral Section f/ 18593' To 18780' (2 Pumps on the hole at 80 a piece, 465 GPM) Present Mwt 15.8 ppg (Mixing 3 sx Bara carb & 3 sx nut plug hr for seepage hole seeping @ about 6 bbls hr)
Start Time	15:30	End Time	16:00	Comment	Rig Service
Start Time	16:00	End Time	17:30	Comment	Drill 8.75" Lateral Section f/ 18780' To 18795' (2 Pumps on the hole at 80 a piece, 465 GPM) Present Mwt 15.9 ppg (Mixing 3 sx Bara carb & 3 sx nut plug hr for seepage hole seeping @ about 6 bbls hr)

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Start Time			End Time			Comment		
17:30			00:00			(Start) Clean up cycle, circulate 10 bottoms up recipitate pipe with 150 rpm, pull 1 std after each of the first 8 bottoms up, trip back to bottom for last 2 bottoms up 1st bottoms up- 450 gpm, cuttings at shakers large/heavy w/50% fines 2ndt bottoms up- 450 gpm, cuttings at shakers med/heavy w/70% fines 3rd bottoms up- 460 gpm, cuttings at shakers med/heavy w/60% fines 4th bottoms up- 475 gpm, cuttings at shakers med/heavy w/85% fines		
Report Start Date	Report End Date	24hr Activity Summary						
2/8/2015	2/9/2015	Circulate/clean up cycle, Rig Service, Circulate/clean up cycle, Check flow & POOH F/ 5.5" csg run,						
Start Time			End Time			Comment		
00:00			05:30			Continue Clean up cycle, circulate 10 bottoms up recipitate pipe with 150 rpm, pull 1 std after each of the first 8 bottoms up, trip back to bottom for last 2 bottoms up 5th bottoms up- 490 gpm, cuttings at shakers med w/90% fines 6th bottoms up- 480 gpm, cuttings at shakers med w/100% fines 7th bottoms up- 480 gpm, cuttings at shakers med/light w/100% fines 8th bottoms up- 480 gpm, cuttings at shakers light w/100% fines		
Start Time			End Time			Comment		
05:30			06:00			Rig Service		
Start Time			End Time			Comment		
06:00			12:00			Continue Clean up cycle, circulate 10 bottoms up recipitate pipe with 150 rpm, pull 1 std after each of the first 8 bottoms up, trip back to bottom for last 2 bottoms up 9th bottoms up- 482 gpm, cuttings at shakers light w/100% fines 10th bottoms up- 482 gpm, cuttings at shakers lightt w/100% fines Circ & bring mud wt up F/ 15.8 ppg to 15.9 ppg.		
Start Time			End Time			Comment		
12:00			13:00			(Start) check flow.		
Start Time			End Time			Comment		
13:00			23:00			(Start) Pump slug & TOO H for 5.5 csg run F/ 18795' to Directional BHA. SLM out. (Check flow @ 8500'/no flow)		
Start Time			End Time			Comment		
23:00			23:30			Pull rotating rubber		
Start Time			End Time			Comment		
23:30			00:00			(Start) PJSM w/ Weatherford, lay down directional BHA		
Report Start Date	Report End Date	24hr Activity Summary						
2/9/2015	2/10/2015	L/D directional BHA, pull wear bushing, rig service, R/U casers and work on catwalk & Run 5.5 casing Circ btms up, Cont running casing,						
Start Time			End Time			Comment		
00:00			01:00			Continue lay down directional BHA w/Weatherford		
Start Time			End Time			Comment		
01:00			01:30			Pull wear bushing		
Start Time			End Time			Comment		
01:30			02:00			Rig Service		
Start Time			End Time			Comment		
02:00			03:30			(Start) Casing Operations... Held safety meeting with casing crew & Rig crew, Halliburton, & Rig up casers.		
Start Time			End Time			Comment		
03:30			05:30			(Stop unplanned) Catwalk will not power up, trouble shoot catwalk, bad transformer, wait on electrician		

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Start Time			End Time			Comment		
05:30			17:00			(Start)PJSM w/casing crew, 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 8500', 1- Float shoe, 1 jt csg, 1 Float collar, 1 jt csg, 1 Landing collar, 1 jts csg, 1 RSI, 1 jt csg. RSI, 204 full jts', solid body centralizer every joint for 249 full joints, every 3rd joint for the next 9 full joints, Filling pipe every 3000'.		
Start Time			End Time			Comment		
17:00			19:00			Circ bottoms up @ shoe.		
Start Time			End Time			Comment		
19:00			00:00			Continue runing 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep.Run casing F/ 8500' to 12033', 1- Float shoe, 1 jt csg, 1 Float collar, 1 jt csg, 1 Landing collar, 1 jts csg, 1 RSI, 1 jt csg. RSI, 288 full jts', solid body centralizer every joint for 249 full joints, every 3rd joint for the next 9 full joints, Filling pipe every 3000'.		
Report Start Date	Report End Date	24hr Activity Summary						
2/10/2015	2/11/2015	Cont running 5.5 casing, Rig down csg crew, R/U Cmt head & circ while R/U Halliburton, Cement 5.5 casing						
Start Time			End Time			Comment		
00:00			11:30			Continue runing 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep.Run casing F/ 12033' to 18784', 1- Float shoe, 1 jt csg, 1 Float collar, 1 jt csg, 1 Landing collar, 1 jts csg, 1 RSI, 1 jt csg. RSI, 444 full jts', solid body centralizer every joint for 249 full joints, every 3rd joint for the next 9 full joints, Filling pipe every 3000'. 448 Total full jts of csg. Shoe @ 18784' & Float collar @ 18737'		
Start Time			End Time			Comment		
11:30			12:00			Rig down casing crew.		
Start Time			End Time			Comment		
12:00			16:00			Rig up rotating cementing head, rotate 10 RPM, circulate BU @ 233 GPM and RU Halliburton		
Start Time			End Time			Comment		
16:00			00:00			(Start) Cementing Operations... Cement 5.5" Casing As Follows. Pressure test lines to 9500 pi, drop bottom plug, Pump 30 bbls of tuned spacer III @ 16 ppg @ 4 BPM, mix and pump 350 bbls of Tergo Vis (1510 sks) 16 ppg, @ 4 bpm, mix and pump 581 bbls of primary cement (2250 sks) 16.2 ppg 1.45 yield, 5.59 gal / sk, @ 3 BPM Shut down drop plug pump 413 bbls of KCL+Biocide displacement final pump rate 2.5 BPM, final circulating pressure 5800 psi, bumped plug with 6300 psi , 8 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 @ 535 bbls of Cement pumped and no rotation for remainder of cement or displacement) Pumped only 30 bbl tuned spacer due to delivery system failure		
Report Start Date	Report End Date	24hr Activity Summary						
2/11/2015	2/11/2015	Cement 5.5" csg, Land csg mandrel, R/D Halliburton & Franks cmt head, Back out landing jt, Install pack off, Nipple down, Prep rig for rig skid.						
Start Time			End Time			Comment		
00:00			01:30			Continue Cementing Operations... Cement 5.5" Casing As Follows. Pressure test lines to 9500 pi, drop bottom plug, Pump 30 bbls of tuned spacer III @ 16 ppg @ 4 BPM, mix and pump 350 bbls of Tergo Vis (1510 sks) 16 ppg, @ 4 bpm, mix and pump 581 bbls of primary cement (2250 sks) 16.2 ppg 1.45 yield, 5.59 gal / sk, @ 3 BPM Shut down drop plug pump 413 bbls of KCL+Biocide displacement final pump rate 2.5 BPM, final circulating pressure 5800 psi, bumped plug with 6300 psi , 8 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 @ 535 bbls of Cement pumped and no rotation for remainder of cement or displacement) Pumped only 30 bbl tuned spacer due to delivery system failure		
Start Time			End Time			Comment		
01:30			06:30			(Start) Land Casing Mandrel hanger with 110k 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			End Time			Comment		
06:30			09:00			Nipple Down Bop Stack,Flow Line, P/U Bop Stack With BOP Handler,Install Fmc Night cap, and Prep Rig to Skid to the Andre 15-7-6-3-2WH, rig released from Andre 14-7-6-3-2WH @ 09:00 2/11/201		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6269	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ANDRE 14-7-6-3-2WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013527610000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH	4. LOCATION OF WELL FOOTAGES AT SURFACE: 0692 FSL 2364 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 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: 11/11/2014	<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="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	

