API Well Number: 43047543530000

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
Three Rivers 16-12T-820

2. TYPE OF WORK
DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
THREE RIVERS

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
ULTRA RESOURCES INC

7. OPERATOR PHONE
303 645-9810

8. ADDRESS OF OPERATOR
304 Inverness Way South #245, Englewood, CO, 80112

9. OPERATOR E-MAIL
dghani@ultrapetroleum.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
ML-49319

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ● FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ● FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

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 ○ (Submit Commingling Application) NO ●

19. SLANT
VERTICAL ○ DIRECTIONAL ● HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1296 FNL 983 FWL	NWNW	16	8.0 S	20.0 E	S
Top of Uppermost Producing Zone	1340 FNL 660 FWL	NWNW	16	8.0 S	20.0 E	S
At Total Depth	1340 FNL 660 FWL	NWNW	16	8.0 S	20.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
660

23. NUMBER OF ACRES IN DRILLING UNIT
40

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
40

26. PROPOSED DEPTH
MD: 6656 TVD: 6638

27. ELEVATION - GROUND LEVEL
4793

28. BOND NUMBER
022046398

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
49-2262

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	11	8.625	0 - 1000	24.0	J-55 LT&C	8.8	Premium Lite High Strength	80	2.97	11.5
							Class G	115	1.16	15.8
PROD	7.875	5.5	0 - 6656	17.0	J-55 LT&C	10.0	Varocem	225	3.54	11.0
							Varocem	450	1.349	14.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Jenna Anderson | **TITLE** Permitting Assistant | **PHONE** 303 645-9804

SIGNATURE | **DATE** 03/21/2014 | **EMAIL** janderson@ultrapetroleum.com

API NUMBER ASSIGNED
43047543530000

APPROVAL
Permit Manager

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RECEIVED: June 04, 2014

ULTRA RESOURCES, INC.

MASTER
8 - POINT DRILLING PROGRAM

Slim Hole Design
8 5/8" Surface & 5 ½" Production Casing Design

DATED: 05-23-14

Directional Wells located on Ultra leases in
Three Rivers Project:

Three Rivers 16-12T-820

SHL: Sec 16 (NWNW)T8S R20E

Uintah, Utah

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ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. 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.

RECEIVED: May 23, 2014

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation Top	Top (TVD)	Comments
Uinta	Surface	
BMSW	650' MD / 650' TVD	
Green River	2,563' MD / 2,556' TVD	
Mahogany	3,882' MD / 3,866' TVD	
Garden Gulch	4,474' MD / 4,456' TVD	Oil & Associated Gas
Lower Green River*	4,619' MD / 4,601' TVD	Oil & Associated Gas
Wasatch	6,439' MD / 6,421' TVD	Oil & Associated Gas
TD	6,639' MD / 6,621' TVD	

Asterisks (*) denotes target pay intervals

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

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2. BOP Equipment

A) The BOPE shall be closed whenever the well is unattended The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.

B) The BOPE shall be closed whenever the well is unattended.

C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:

1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
2) Choke Manifold
3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
4) Two adjustable chokes will be used in the choke manifold.
5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
6) Pressure gauges in the well control system will be designed for drilling fluid.

D) BOPE Testing:

1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
2) All BOP tests will be performed with a test plug in place.
3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

INTERVAL	BOP EQUIPMENT
0 - 1,000' MD / 1, 000' TVD	11" Diverter with Rotating Head
1,000' MD / 1, 000' TVD – 6,639' MD / 6,621' TVD	3,000# Ram Double BOP & Annular with Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

3. Casing and Float Equipment Program

CASING:

Directional Well	Hole Size	OD	Depth MD/TVD	Wt.	Grade & Connection	Cond.
Surface	11"	8 5/8"	1,000' MD / 1, 000' TVD	24.0 ppf	J-55, LTC	New
Production	7 7/8"	5 ½"	6,639' MD / 6,621' TVD	17.0 ppf	J-55, LTC	New

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CASING SPECIFICATIONS:

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8”	8.097” / 7.972”	1,370	2,950	381,000	244,000
Production	5 ½”	4.492” / 4.767”	4,910	5,320’	273,000	229,000

FLOAT EQUIPMENT:

SURFACE (8 5/8”) Float Shoe, 1 joint casing, float collar
Centralizers: 1 each 1st 4 Joints then every 4th joint to surface

PRODUCTION (5 ½”) Float Shoe, 1 joint casing, float collar
Centralizers: 1 each 1st 4 Joints then every 3rd joint to 500’ into surface casing

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4. Cementing Programs

CONDUCTOR (13 ⅜”) Ready Mix – Cement to surface

SURFACE (8 5/8”) Cement Top - Surface
Surface – 500’ Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess
500’ – 1,000’ MD / 1, 000’ TVD± Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

PRODUCTION (5 ½”) Cement Top – 500’
500’ - 4,000’ TVD ± Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR ¼, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess
4,000’ – 6,639’ MD / 6,621’ TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR ¼, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000’ which will give a minimum of 500’ above Lower Green River.

A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
B) Cement will not be placed down annulus with a 1” pipe unless BLM is contacted.
C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:

1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
3) Progress reports, Form 3160-5 “Sundry Notices and Reports on Wells”, shall be filed with the Field Manager within 30 days after the work in completed.
4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.

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6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000' MD / 1, 000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1, 000' TVD - 6,639' MD / 6,621' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor

C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

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6. Evaluation Program - Testing, Logging, and Coring

A) Cores: None anticipated.
B) Testing: None anticipated.
C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
E) Mud Logs: None anticipated.
F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

7. Anticipated Pressures and H.S.

A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.

B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.

C) No hydrogen sulfide gas is anticipated, however if H_2S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

8. Other Information and Notification Requirements

A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the ***Utah Division of Oil, Gas and Mining***, and the BLM Vernal (when drilling on Federal leases).

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1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
2) It is anticipated that the drilling and completion of this well will take approximately 90 days.

B) Notification Requirements for ***Utah Division of Oil, Gas and Mining***:

- ***Within 24 hrs. of spud (Carol Daniels at 801/538-5284)***
- ***24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)***
- ***24 hrs. prior to cementing or testing casing (Dan Jarvis)***
- ***Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)***

C) Notification Requirements BLM Vernal ***when drilling on Federal leases as follows: (Cade T Taylor @*** cctaylor@blm.gov and Blm_ut_vn_opreport@blm.gov:

- ***Within 24 hrs. of spud (Carol Daniels at 801/538-5284)***
- ***24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)***
- ***24 hrs. prior to cementing or testing casing (Dan Jarvis)***
- ***Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)***

D) Any changes in the program must be approved by the ***Utah Division of Oil, Gas and Mining*** and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

1) Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:

- Operator name, address, and telephone number.
- Well name and number.
- Well location (1/4 1/4, Section, Township, Range 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. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

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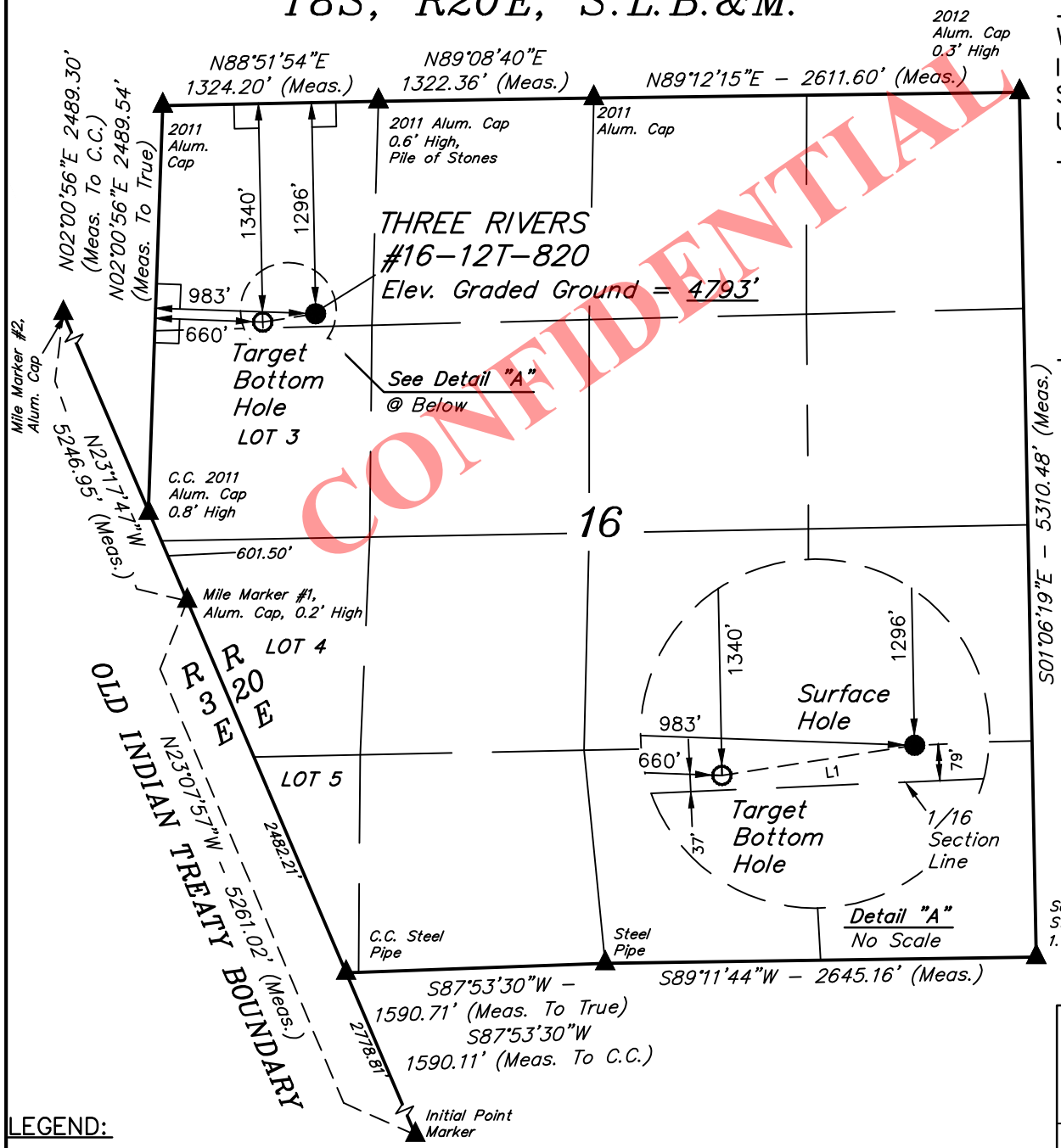
API Well Number: 43047543530000

T8S, R20E, S.L.B.&M.



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ULTRA RESOURCES, INC.

Well location, THREE RIVERS #16-12T-820, located as shown in the NW 1/4 NW 1/4 of Section 16, T8S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

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

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S81°06'46"W	328.73'

N

1000' 500' 0' 1000'

SCALE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR NO. 161319 KAY STATE OF UTAH

03-20-14

REVISED: 03-20-14

LEGEND:

└ = 90° SYMBOL

● = AS-DRILLED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

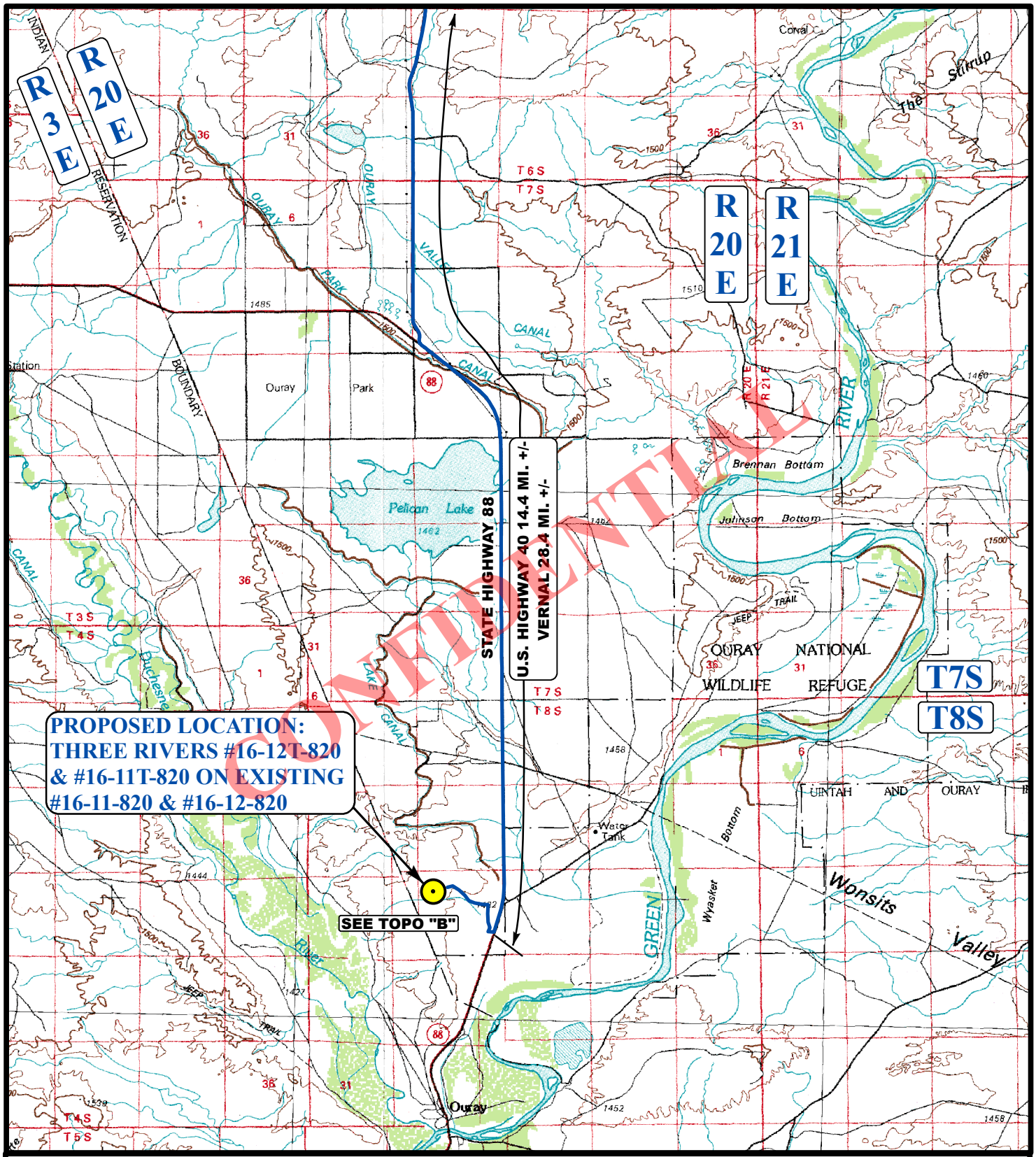
NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°07'33.81" (40.126058)	LATITUDE = 40°07'34.31" (40.126197)
LONGITUDE = 109°40'50.00" (109.680556)	LONGITUDE = 109°40'45.82" (109.679394)

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

SCALE 1" = 1000'	DATE SURVEYED: 03-06-14	DATE DRAWN: 03-14-14
PARTY B.H. M.D. S.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ULTRA RESOURCES, INC.	

RECEIVED: March 21, 2014

API Well Number: 43047543530000



LEGEND:

PROPOSED LOCATION

N

ULTRA RESOURCES, INC.

THREE RIVERS #16-12T-820 & #16-11T-820
ON EXISTING #16-11-820 & #16-12-820
SECTION 16, T8S, T20E, S.L.B.&M.
NW 1/4 NW 1/4

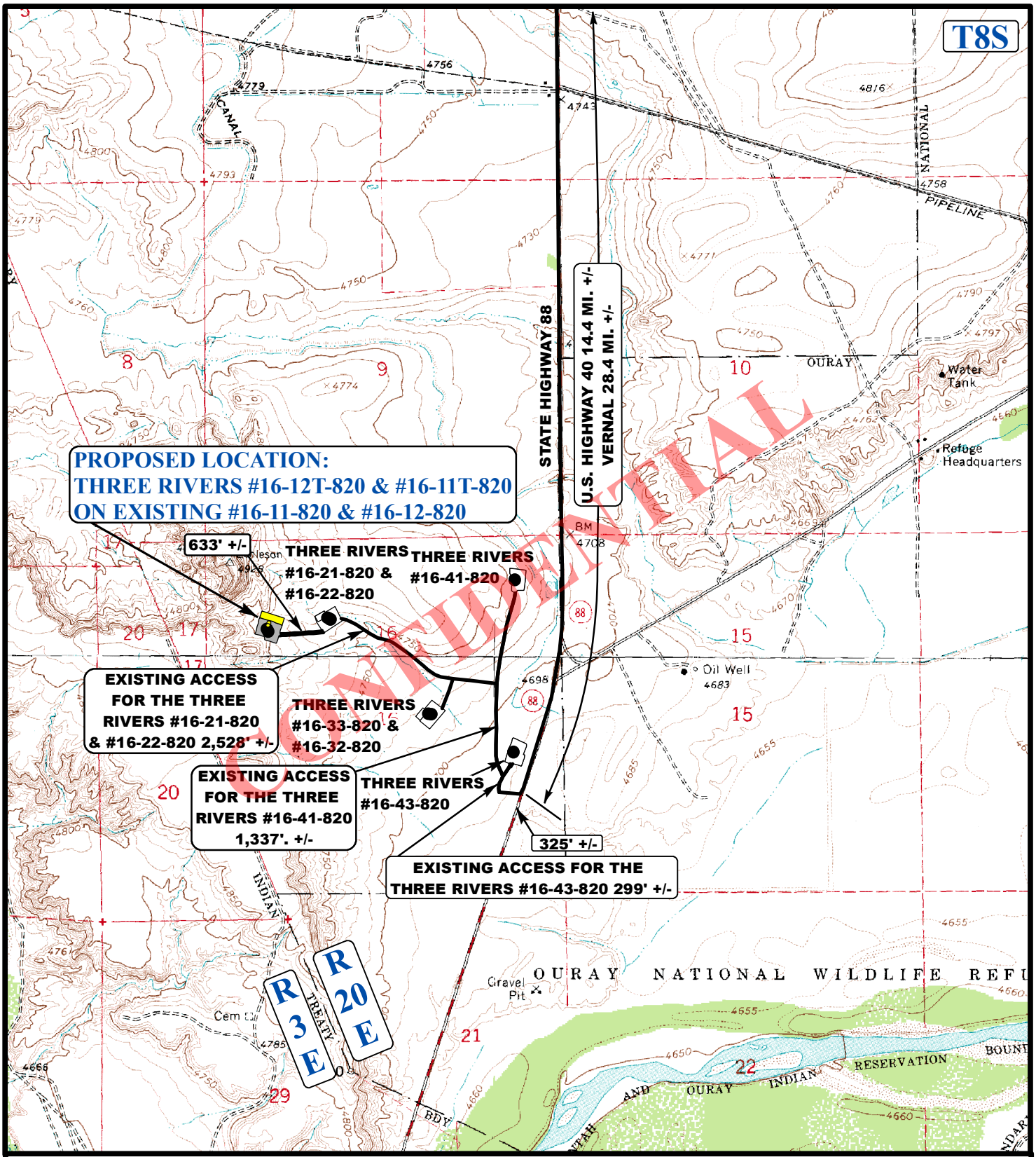
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	11 MONTH	15 DAY	12 YEAR
SCALE: 1:100,000	DRAWN BY: J.L.G.	REV: 03-17-14 L.S.	

A TOPO

RECEIVED: March 21, 2014

API Well Number: 43047543530000



LEGEND:

EXISTING ROADS

PROPOSED ACCESS ROAD

N

ULTRA RESOURCES, INC.

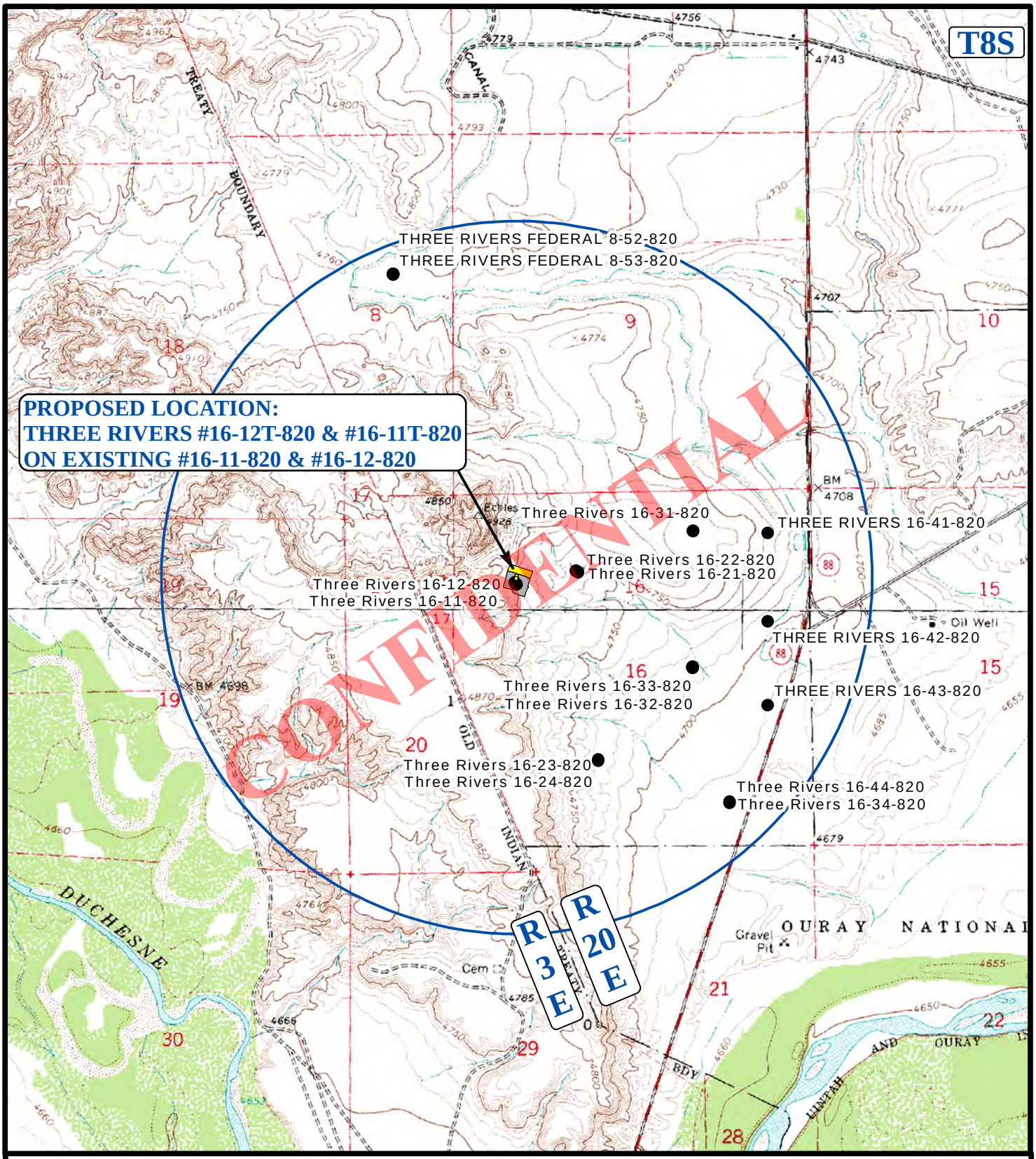
THREE RIVERS #16-12T-820 & #16-11T-820
ON EXISTING #16-11-820 & #16-12-820
SECTION 16, T8S, T20E, S.L.B.&M.
NW 1/4 NW 1/4

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

ACCESS ROAD MAP	11 MONTH	15 DAY	12 YEAR	B TOPO
SCALE: 1"= 2000'	DRAWN BY: J.L.G.	REV: 03-17-14 L.S.		

RECEIVED: March 21, 2014

API Well Number: 43047543530000



LEGEND:

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

N

ULTRA RESOURCES, INC.

THREE RIVERS #16-12T-820 & #16-11T-820
ON EXISTING #16-11-820 & #16-12-820
SECTION 16, T8S, T20E, S.L.B.&M.
NW 1/4 NW 1/4

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

TOPOGRAPHIC MAP	11 MONTH	15 DAY	12 YEAR	C TOPO
SCALE: 1"= 2000'	DRAWN BY: J.L.G.	REV: 03-17-14 L.S.		

RECEIVED: March 21, 2014

API Well Number: 43047543530000

ULTRA RESOURCES, INC

Location:	Three Rivers	Slot:	Three Rivers 16-12T-820 (1296' FNL & 983' FWL)
Field:	UINTAH COUNTY	Well:	Three Rivers 16-12T-820
Facility:	Sec.16-T8S-R20E	Wellbore:	Three Rivers 16-12T-820 PWB

Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 16-12T-820 Target On Plat 1340' FNL & 660' FWL	4418.02	4400.00	-50.59	-324.70	2149139.11	7219815.53	40°0'33.832"N	109°40'50.000"W

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.000	261.144	13.00	0.00	0.00	0.00	0.00
End of Tangent	1200.00	0.000	261.144	1200.00	0.00	0.00	0.00	0.00
Build (S)	1526.21	6.524	261.144	1525.51	-2.86	-18.33	2.00	18.55
End of Tangent (S)	4091.81	6.524	261.144	4074.49	-47.74	-306.37	0.00	310.07
Drop (S)	4418.02	0.000	261.144	4400.00	-50.59	-324.70	2.00	328.62
End of Tangent	6639.02	0.000	261.144	6621.00	-50.59	-324.70	0.00	328.62

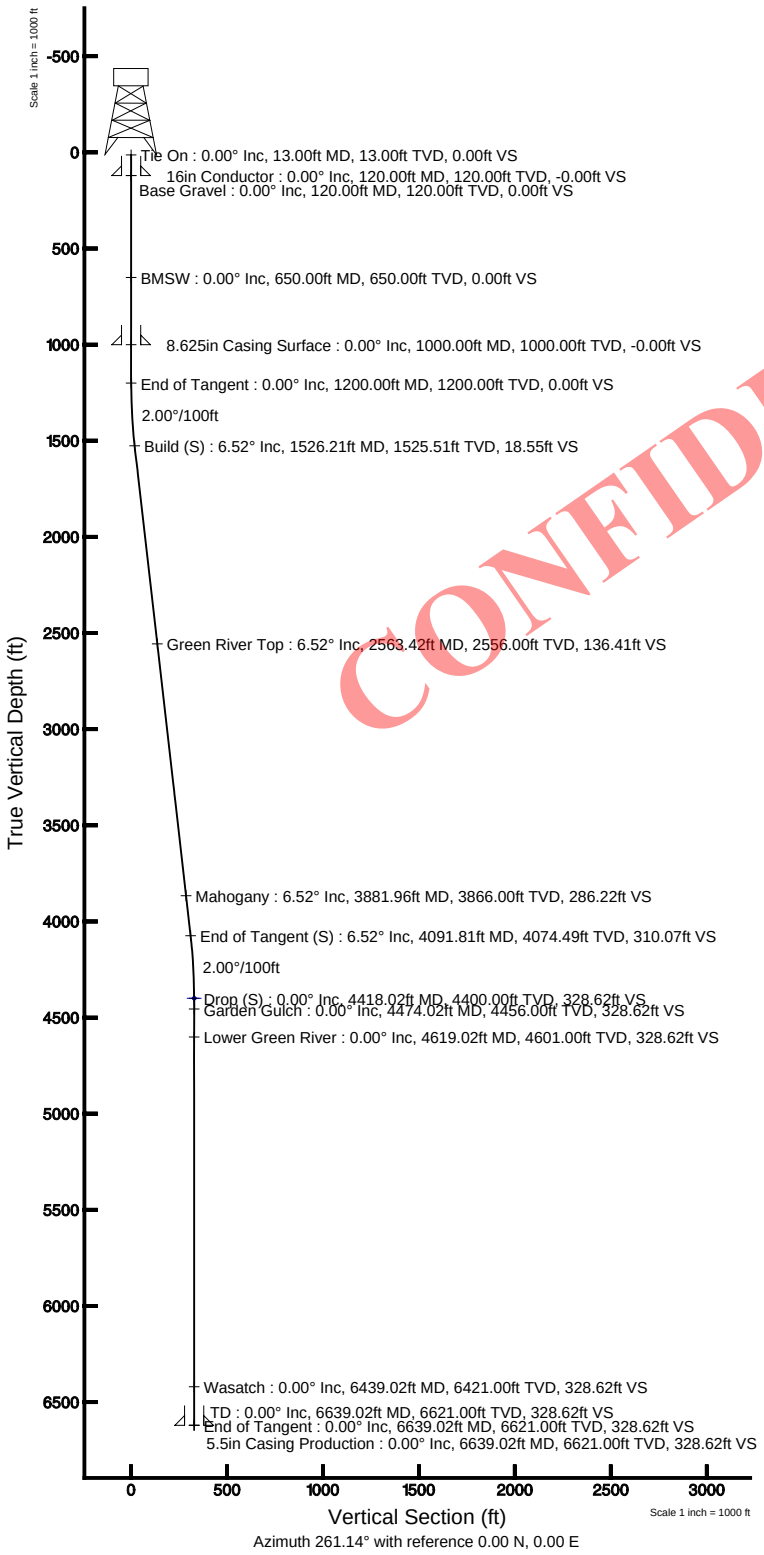
Location Information

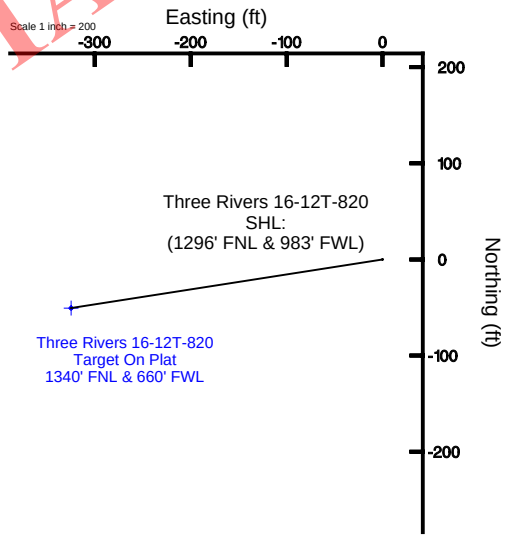
Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Sec.16-T8S-R20E			2150639.025	7217204.539	40°0'07.709"N	109°40'31.379"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 16-12T-820 (1296' FNL & 983' FWL)	2691.86	-1121.77	2149462.682	7219872.713	40°0'7.34.310"N	109°40'45.820"W

Capstar 321 (RT) to Mud line (At Slot: Three Rivers 16-12T-820 (1296' FNL & 983' FWL))	4806ft
Mean Sea Level to Mud line (At Slot: Three Rivers 16-12T-820 (1296' FNL & 983' FWL))	0ft
Capstar 321 (RT) to Mean Sea Level	4806ft

Plot reference wellpath is Three Rivers 16-12T-820 PWP

True vertical depths are referenced to Capstar 321 (RT)	Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet
Measured depths are referenced to Capstar 321 (RT)	North Reference: True north
Capstar 321 (RT) to Mean Sea Level: 4806 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Three Rivers 16-12T-820 (1296' FNL & 983' FWL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: ewilliams on 5/22/2014





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RECEIVED: May 23, 2014

Planned Wellpath Report

Three Rivers 16-12T-820 PWP

Page 1 of 5

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 16-12T-820 (1296' FNL & 983' FWL)**
Area	**Three Rivers**	Well	**Three Rivers 16-12T-820**
Field	**UINTAH COUNTY**	Wellbore	**Three Rivers 16-12T-820 PWB**
Facility	**Sec.16-T8S-R20E**		

REPORT SETUP INFORMATION			
Projection System	**NAD83 / Lambert Utah SP, Central Zone (4302), US feet**	Software System	**WellArchitect® 3.0.0**
North Reference	**True**	User	**Ewilliams**
Scale	**0.999912**	Report Generated	**5/22/2014** at **2:28:59 PM**
Convergence at slot	**1.17° East**	Database/Source file	**WellArchitectDB/Three_Rivers_16-12T-820_PWB.xml**

WELLPATH LOCATION						
	Local coordinates		**Grid coordinates**		**Geographic coordinates**	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	2691.86	-1121.77	2149462.68	7219872.71	**40°07'34.310"N**	**109°40'45.820"W**
Facility Reference Pt			2150639.03	7217204.54	**40°07'07.709"N**	**109°40'31.379"W**
Field Reference Pt			2156630.96	7236613.42	**40°10'18.270"N**	**109°39'09.100"W**

WELLPATH DATUM			
Calculation method	**Minimum curvature**	Capstar 321 (RT) to Facility Vertical Datum	**4806.00ft**
Horizontal Reference Pt	**Slot**	Capstar 321 (RT) to Mean Sea Level	**4806.00ft**
Vertical Reference Pt	**Capstar 321 (RT)**	Capstar 321 (RT) to Mud Line at Slot (Three Rivers 16-12T-820 (1296' FNL & 983' FWL))	**4806.00ft**
MD Reference Pt	**Capstar 321 (RT)**	Section Origin	**N 0.00, E 0.00 ft**
Field Vertical Reference	**Mean Sea Level**	Section Azimuth	**261.14°**

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Planned Wellpath Report

Three Rivers 16-12T-820 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 16-12T-820 (1296' FNL & 983' FWL)**
Area	**Three Rivers**	Well	**Three Rivers 16-12T-820**
Field	**UINTAH COUNTY**	Wellbore	**Three Rivers 16-12T-820 PWB**
Facility	**Sec.16-T8S-R20E**		

WELLPATH DATA (80 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	261.144	0.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
13.00	0.000	261.144	13.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
113.00†	0.000	261.144	113.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
120.00†	0.000	261.144	120.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	Base Gravel
213.00†	0.000	261.144	213.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
313.00†	0.000	261.144	313.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
413.00†	0.000	261.144	413.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
513.00†	0.000	261.144	513.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
613.00†	0.000	261.144	613.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
650.00†	0.000	261.144	650.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	BMSW
713.00†	0.000	261.144	713.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
813.00†	0.000	261.144	813.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
913.00†	0.000	261.144	913.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
1013.00†	0.000	261.144	1013.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
1113.00†	0.000	261.144	1113.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
1200.00	0.000	261.144	1200.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
1213.00†	0.260	261.144	1213.00	0.03	0.00	-0.03	40°07'34.310"N	109°40'45.820"W	2.00	
1313.00†	2.260	261.144	1312.97	2.23	-0.34	-2.20	40°07'34.307"N	109°40'45.848"W	2.00	
1413.00†	4.260	261.144	1412.80	7.91	-1.22	-7.82	40°07'34.298"N	109°40'45.921"W	2.00	
1513.00†	6.260	261.144	1512.38	17.08	-2.63	-16.88	40°07'34.284"N	109°40'46.037"W	2.00	
1526.21	6.524	261.144	1525.51	18.55	-2.86	-18.33	40°07'34.282"N	109°40'46.056"W	2.00	
1613.00†	6.524	261.144	1611.73	28.41	-4.37	-28.08	40°07'34.267"N	109°40'46.181"W	0.00	
1713.00†	6.524	261.144	1711.09	39.78	-6.12	-39.30	40°07'34.249"N	109°40'46.326"W	0.00	
1813.00†	6.524	261.144	1810.44	51.14	-7.87	-50.53	40°07'34.232"N	109°40'46.470"W	0.00	
1913.00†	6.524	261.144	1909.79	62.50	-9.62	-61.76	40°07'34.215"N	109°40'46.615"W	0.00	
2013.00†	6.524	261.144	2009.14	73.86	-11.37	-72.98	40°07'34.198"N	109°40'46.760"W	0.00	
2113.00†	6.524	261.144	2108.50	85.23	-13.12	-84.21	40°07'34.180"N	109°40'46.904"W	0.00	
2213.00†	6.524	261.144	2207.85	96.59	-14.87	-95.44	40°07'34.163"N	109°40'47.049"W	0.00	
2313.00†	6.524	261.144	2307.20	107.95	-16.62	-106.66	40°07'34.146"N	109°40'47.193"W	0.00	
2413.00†	6.524	261.144	2406.55	119.31	-18.37	-117.89	40°07'34.128"N	109°40'47.338"W	0.00	
2513.00†	6.524	261.144	2505.90	130.68	-20.12	-129.12	40°07'34.111"N	109°40'47.482"W	0.00	
2563.42†	6.524	261.144	2556.00	136.41	-21.00	-134.78	40°07'34.102"N	109°40'47.555"W	0.00	Green River Top
2613.00†	6.524	261.144	2605.26	142.04	-21.87	-140.34	40°07'34.094"N	109°40'47.627"W	0.00	
2713.00†	6.524	261.144	2704.61	153.40	-23.62	-151.57	40°07'34.077"N	109°40'47.771"W	0.00	
2813.00†	6.524	261.144	2803.96	164.76	-25.37	-162.80	40°07'34.059"N	109°40'47.916"W	0.00	
2913.00†	6.524	261.144	2903.31	176.13	-27.12	-174.03	40°07'34.042"N	109°40'48.060"W	0.00	
3013.00†	6.524	261.144	3002.67	187.49	-28.87	-185.25	40°07'34.025"N	109°40'48.205"W	0.00	
3113.00†	6.524	261.144	3102.02	198.85	-30.62	-196.48	40°07'34.007"N	109°40'48.349"W	0.00	
3213.00†	6.524	261.144	3201.37	210.21	-32.36	-207.71	40°07'33.990"N	109°40'48.494"W	0.00	
3313.00†	6.524	261.144	3300.72	221.58	-34.11	-218.93	40°07'33.973"N	109°40'48.638"W	0.00	
3413.00†	6.524	261.144	3400.08	232.94	-35.86	-230.16	40°07'33.956"N	109°40'48.783"W	0.00	
3513.00†	6.524	261.144	3499.43	244.30	-37.61	-241.39	40°07'33.938"N	109°40'48.927"W	0.00	
3613.00†	6.524	261.144	3598.78	255.66	-39.36	-252.61	40°07'33.921"N	109°40'49.072"W	0.00	
3713.00†	6.524	261.144	3698.13	267.03	-41.11	-263.84	40°07'33.904"N	109°40'49.217"W	0.00	
3813.00†	6.524	261.144	3797.49	278.39	-42.86	-275.07	40°07'33.886"N	109°40'49.361"W	0.00	

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Planned Wellpath Report

Three Rivers 16-12T-820 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 16-12T-820 (1296' FNL & 983' FWL)**
Area	**Three Rivers**	Well	**Three Rivers 16-12T-820**
Field	**UINTAH COUNTY**	Wellbore	**Three Rivers 16-12T-820 PWB**
Facility	**Sec.16-T8S-R20E**		

WELLPATH DATA (80 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3881.96†	6.524	261.144	3866.00	286.22	-44.07	-282.81	40°07'33.875"N	109°40'49.461"W	0.00	Mahogany
3913.00†	6.524	261.144	3896.84	289.75	-44.61	-286.30	40°07'33.869"N	109°40'49.506"W	0.00	
4013.00†	6.524	261.144	3996.19	301.11	-46.36	-297.52	40°07'33.852"N	109°40'49.650"W	0.00	
4091.81	6.524	261.144	4074.49	310.07	-47.74	-306.37	40°07'33.838"N	109°40'49.764"W	0.00	
4113.00†	6.100	261.144	4095.55	312.40	-48.10	-308.67	40°07'33.835"N	109°40'49.794"W	2.00	
4213.00†	4.100	261.144	4195.15	321.29	-49.47	-317.46	40°07'33.821"N	109°40'49.907"W	2.00	
4313.00†	2.100	261.144	4295.00	326.70	-50.30	-322.80	40°07'33.813"N	109°40'49.976"W	2.00	
4413.00†	0.100	261.144	4394.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	2.00	
4418.02	0.000	261.144	4400.00[1]	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	2.00	
4474.02†	0.000	261.144	4456.00	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	Garden Gulch
4513.00†	0.000	261.144	4494.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
4613.00†	0.000	261.144	4594.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
4619.02†	0.000	261.144	4601.00	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	Lower Green River
4713.00†	0.000	261.144	4694.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
4813.00†	0.000	261.144	4794.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
4913.00†	0.000	261.144	4894.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5013.00†	0.000	261.144	4994.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5113.00†	0.000	261.144	5094.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5213.00†	0.000	261.144	5194.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5313.00†	0.000	261.144	5294.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5413.00†	0.000	261.144	5394.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5513.00†	0.000	261.144	5494.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5613.00†	0.000	261.144	5594.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5713.00†	0.000	261.144	5694.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5813.00†	0.000	261.144	5794.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
5913.00†	0.000	261.144	5894.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
6013.00†	0.000	261.144	5994.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
6113.00†	0.000	261.144	6094.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
6213.00†	0.000	261.144	6194.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
6313.00†	0.000	261.144	6294.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
6413.00†	0.000	261.144	6394.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
6439.02†	0.000	261.144	6421.00	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	Wasatch
6513.00†	0.000	261.144	6494.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
6613.00†	0.000	261.144	6594.98	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	
6639.02	0.000	261.144	6621.00	328.62	-50.59	-324.70	40°07'33.810"N	109°40'50.000"W	0.00	TD

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Planned Wellpath Report

Three Rivers 16-12T-820 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 16-12T-820 (1296' FNL & 983' FWL)**
Area	**Three Rivers**	Well	**Three Rivers 16-12T-820**
Field	**UINTAH COUNTY**	Wellbore	**Three Rivers 16-12T-820 PWB**
Facility	**Sec.16-T8S-R20E**		

HOLE & CASING SECTIONS - **Ref Wellbore: Three Rivers 16-12T-820 PWB** **Ref Wellpath: Three Rivers 16-12T-820 PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	6639.02	5639.02	1000.00	6621.00	0.00	0.00	-50.59	-324.70
5.5in Casing Production	13.00	6639.02	6626.02	13.00	6621.00	0.00	0.00	-50.59	-324.70

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers 16-12T-820 Target On Plat 1340' FNL & 660' FWL	4418.02	4400.00	-50.59	-324.70	2149139.11	7219815.53	**40°07'33.810"N**	**109°40'50.000"W**	point

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Planned Wellpath Report

Three Rivers 16-12T-820 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 16-12T-820 (1296' FNL & 983' FWL)**
Area	**Three Rivers**	Well	**Three Rivers 16-12T-820**
Field	**UINTAH COUNTY**	Wellbore	**Three Rivers 16-12T-820 PWB**
Facility	**Sec.16-T8S-R20E**		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	261.144	120.00	Base Gravel
650.00	0.000	261.144	650.00	BMSW
2563.42	6.524	261.144	2556.00	Green River Top
3881.96	6.524	261.144	3866.00	Mahogany
4474.02	0.000	261.144	4456.00	Garden Gulch
4619.02	0.000	261.144	4601.00	Lower Green River
6439.02	0.000	261.144	6421.00	Wasatch
6639.02	0.000	261.144	6621.00	TD

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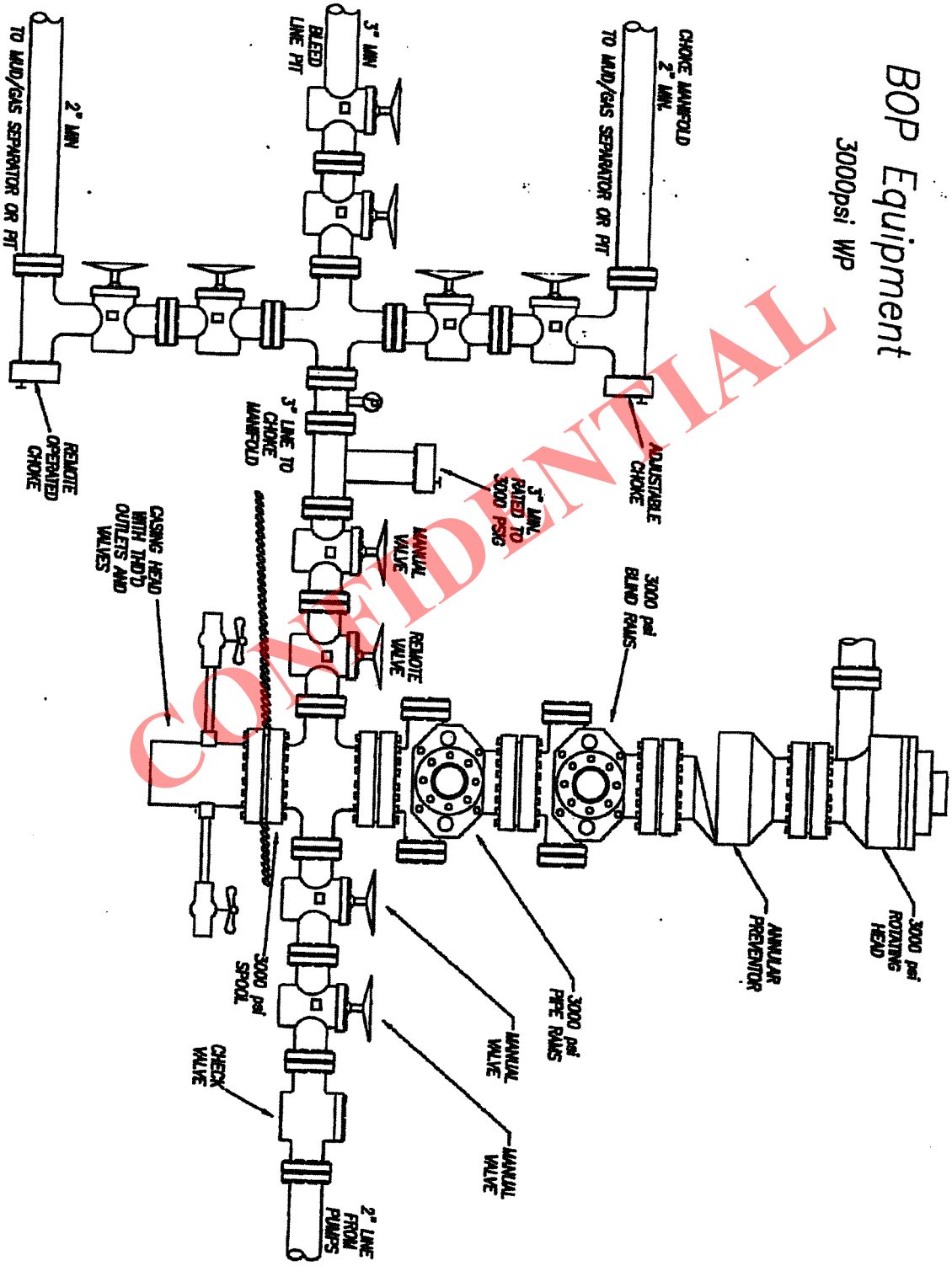
BOP Equipment

3000psi WP



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Ultra Resources, Inc.

March 21, 2014

Mr. Dustin Doucet
Utah Division of Oil, Gas & Mining
1594 West North Temple
Salt Lake City, Utah 84116

RE: Request for Exception to Spacing
Three Rivers 16-12T-820
Surface Location: 1296' FNL & 983' FWL, NWNW, Sec. 16, T8S, R20E
Target Location: 1340' FNL & 660' FWL, NWNW, Sec. 16, T8S, R20E
SLB&M, Uintah County, Utah

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Dear Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits this request for exception to spacing (**Docket No. 2013-030 / Cause No. 270-02**) based on geology since the well is located less than 100 feet to the drilling unit boundary.

The adjacent drilling unit boundary is covered by the same lease and has the identical production interest owners in it.

Ultra owns 100% of the leasehold within 460 feet of the surface and target location as well as all points along the intended well bore path.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 303-645-9810 should you have any questions or need additional information.

Sincerely,

Debbie Ghani
Sr. Permitting Specialist

/dg

304 Inverness Way South, Suite 295, Englewood, CO 80112
Telephone 303-708-9740 Facsimile 303-708-9748

RECEIVED: March 21, 2014

ULTRA RESOURCES, INC.

THREE RIVERS #16-12T-820 & #16-11T-820 ON EXISTING #16-11-820 & 16-12-820

LOCATED IN UINTAH COUNTY, UTAH
SECTION 16, T8S, R20E, S.L.B.&M.

PHOTO: VIEW OF LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

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PHOTO: VIEW OF EXISTING ACCESS **CAMERA ANGLE: WESTERLY**

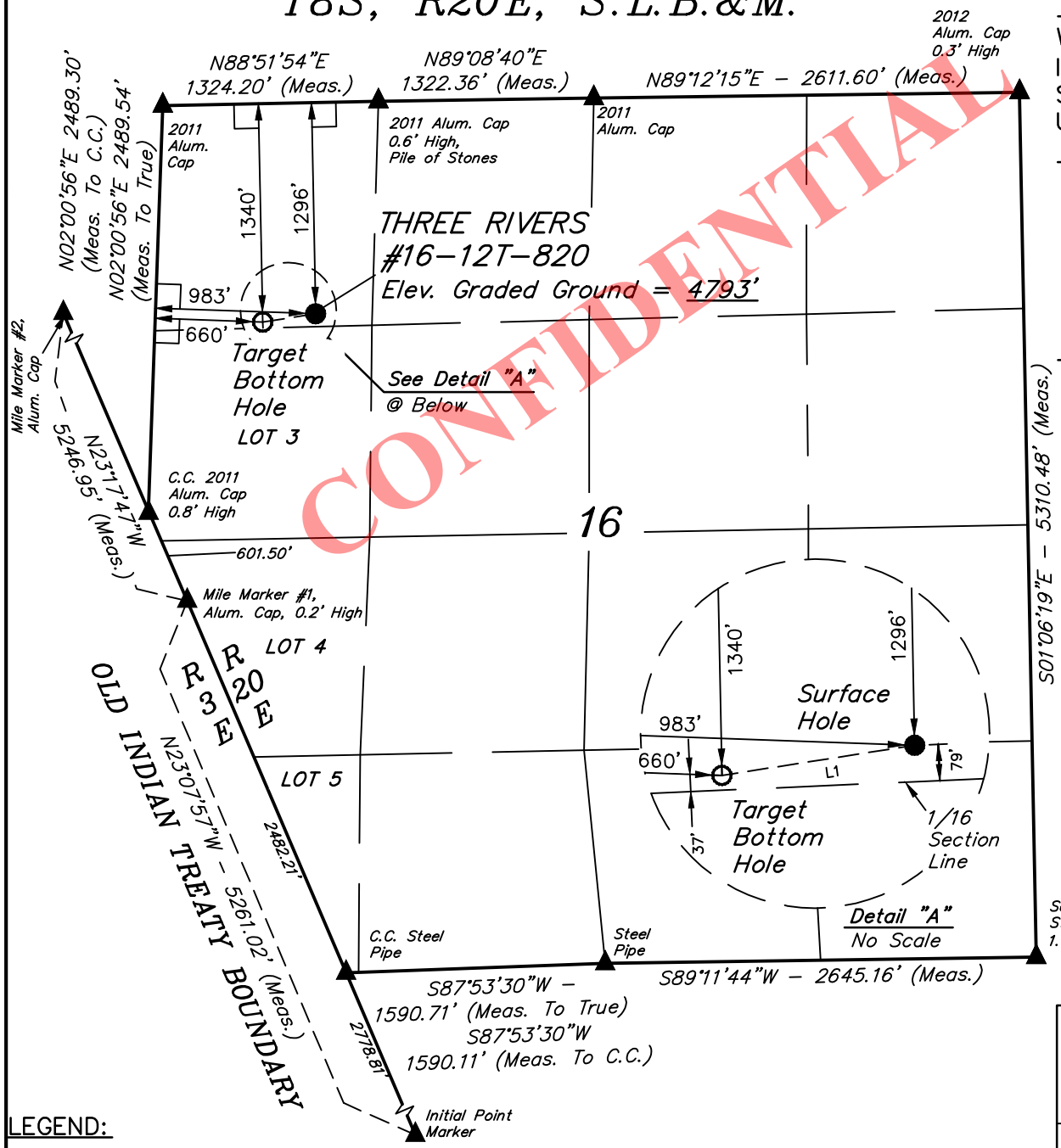
- Since 1964 -
UELS
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 FAX (435) 789-1813

LOCATION PHOTOS	11 MONTH	15 DAY	12 YEAR	PHOTO
TAKEN BY: G.M.	DRAWN BY: J.L.G.	REV: 03-17-14 L.S.		

RECEIVED: March 21, 2014

API Well Number: 43047543530000

T8S, R20E, S.L.B.&M.



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ULTRA RESOURCES, INC.

Well location, THREE RIVERS #16-12T-820, located as shown in the NW 1/4 NW 1/4 of Section 16, T8S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

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

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S81°06'46"W	328.73'

N

1000' 500' 0' 1000'

SCALE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR NO. 161319 KAY STATE OF UTAH

03-20-14

REVISED: 03-20-14

LEGEND:

└ = 90° SYMBOL

● = AS-DRILLED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°07'33.81" (40.126058)	LATITUDE = 40°07'34.31" (40.126197)
LONGITUDE = 109°40'50.00" (109.680556)	LONGITUDE = 109°40'45.82" (109.679394)

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

SCALE 1" = 1000'	DATE SURVEYED: 03-06-14	DATE DRAWN: 03-14-14
PARTY B.H. M.D. S.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ULTRA RESOURCES, INC.	

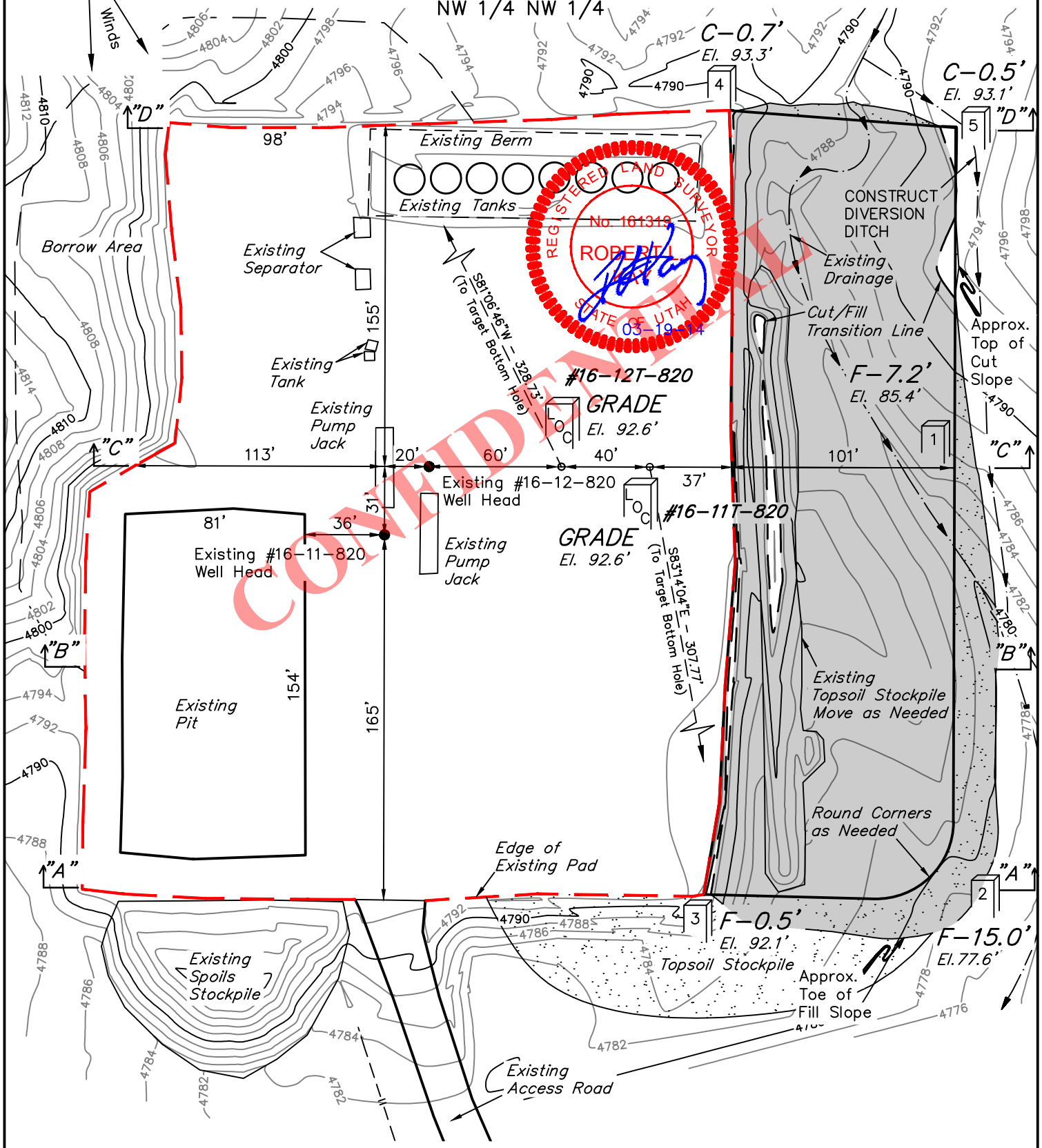
RECEIVED: March 21, 2014

ULTRA RESOURCES, INC.

LOCATION LAYOUT FOR

THREE RIVERS #16–12T–820 & #16–11T–820 ON EXISTING
#16–11–820 & #16–12–820
SECTION 16, T8S, R20E, S.L.B.&M.
NW 1/4 NW 1/4

FIGURE #1
SCALE: 1" = 60'
DATE: 03–14–14
DRAWN BY: S.S.



FINISHED GRADE ELEV. AT LOC. STAKE = 4792.6'

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

RECEIVED: March 21, 2014

ULTRA RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

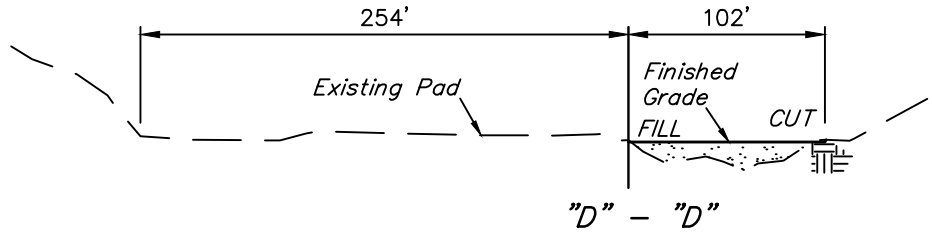
THREE RIVERS #16–12T–820 & #16–11T–820 ON EXISTING
#16–11–820 & #16–12–820
SECTION 16, T8S, R20E, S.L.B.&M.
NW 1/4 NW 1/4

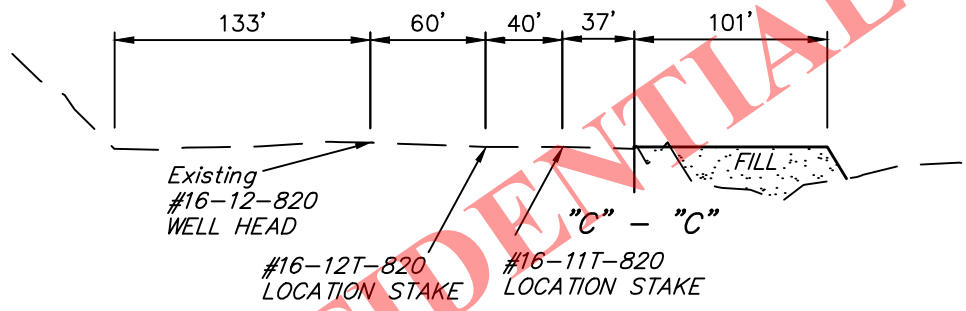
FIGURE #2

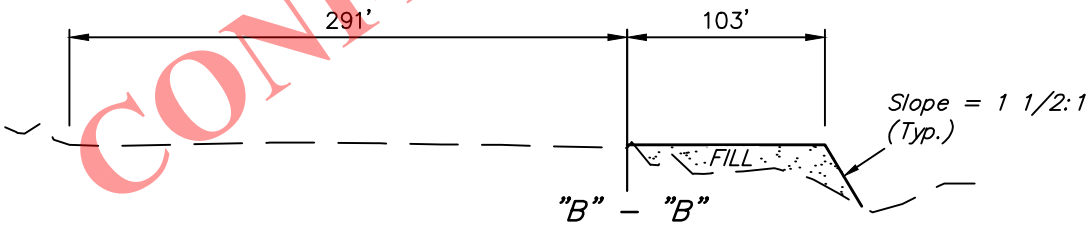
1" = 40'
X–Section Scale
1" = 100'

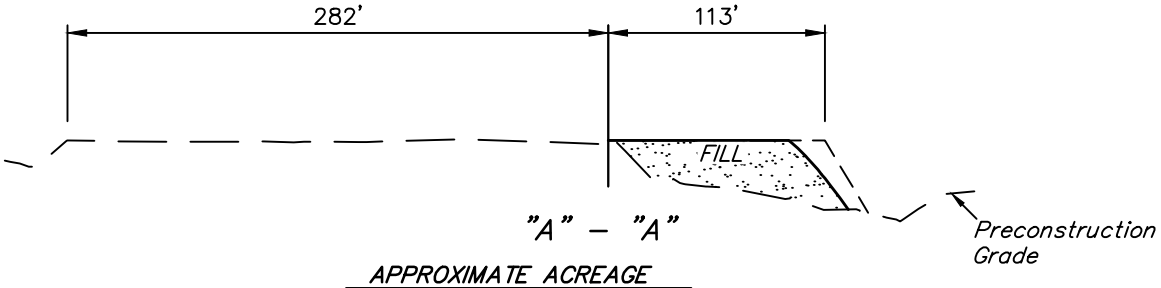
DATE: 03–14–14
DRAWN BY: S.S.

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH 03–19–14









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NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGE

EXSITING WELL SITE DISTURBANCE = ± 2.200 ACRES
NEW WELL SITE DISTURBANCE = ± 0.966 ACRES
TOTAL = ± 3.166 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 830 Cu. Yds.
(New Construction Only)
Remaining Location = 0 Cu. Yds.

TOTAL CUT = 830 CU. YDS.
FILL = 9,680 CU. YDS.

<DEFICET> MATERIAL = 8,850 Cu. Yds.
Topsoil = 830 Cu. Yds.

<DEFICET> UNBALANCE = 9,680 Cu. Yds.
(After Interim Rehabilitation)

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

RECEIVED: March 21, 2014

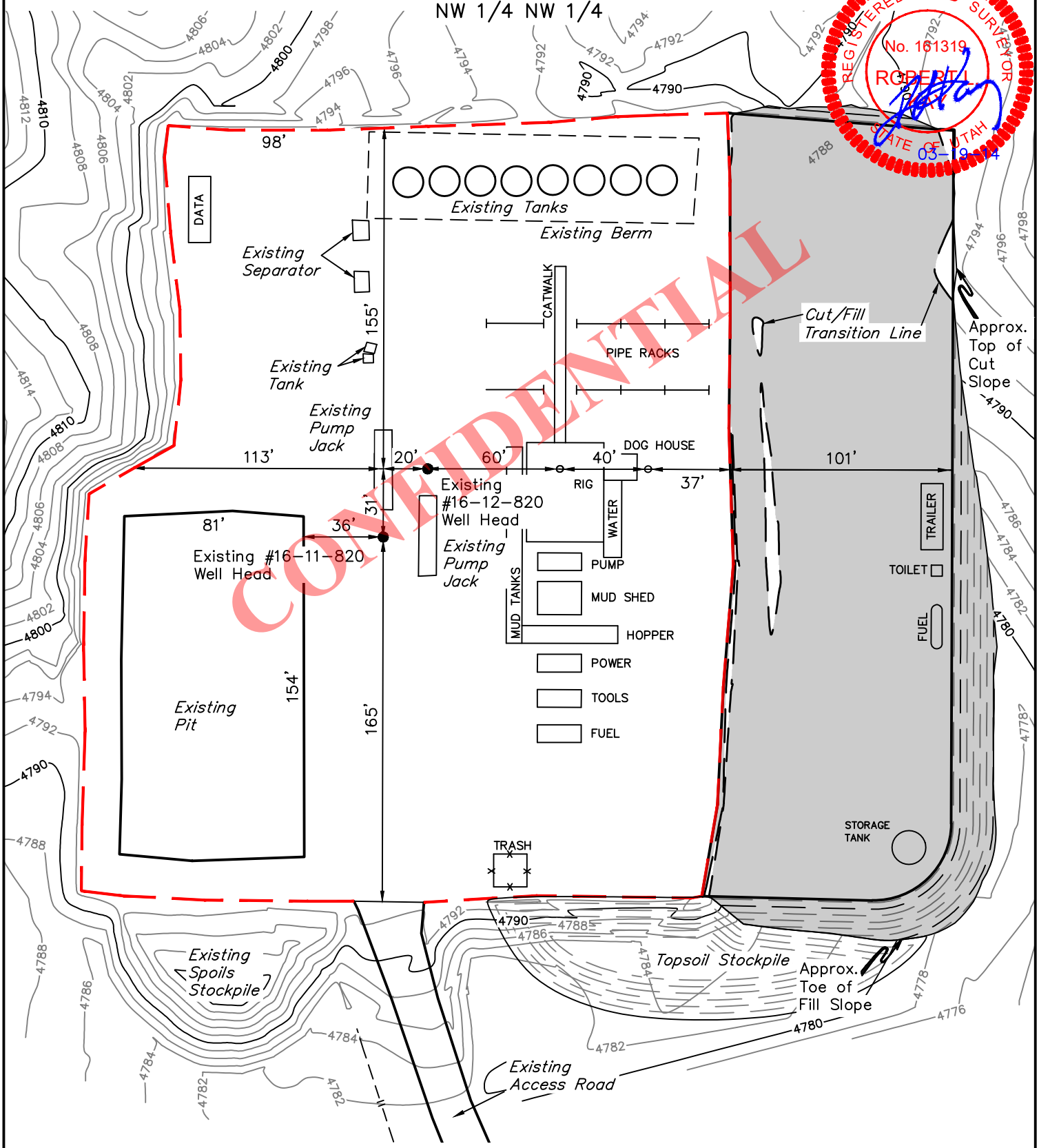
ULTRA RESOURCES, INC.

TYPICAL RIG LAYOUT FOR

THREE RIVERS #16-12T-820 & #16-11T-820 ON EXISTING
#16-11-820 & #16-12-820
SECTION 16, T8S, R20E, S.L.B.&M.
NW 1/4 NW 1/4

FIGURE #3
SCALE: 1" = 60'
DATE: 03-14-14
DRAWN BY: S.S.

REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH
03-19-14



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

RECEIVED: March 21, 2014

ULTRA RESOURCES, INC.
THREE RIVERS #16-12T-820 & #16-11T-820 ON EXISTING #16-11-820 & #16-12-820
SECTION 16, T8S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 14.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 325' TO THE EXISTING ACCESS ROAD FOR THE THREE RIVERS #16-43-820 TO THE NORTH; PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 299' TO THE EXISTING ACCESS FOR THE THREE RIVERS #16-41-820 TO THE NORTHWEST; PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1,337'' TO THE EXISTING ACCESS FOR THE THREE RIVERS #16-21-820 & #16-22-820 TO THE WEST; PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 2,528' TO THE EXISTING THREE RIVERS #16-21-820 & #16-22-820 WELL PAD AND THE EXISTING ACCESS ROAD TO THE WEST; PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 633' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 29.4 MILES.

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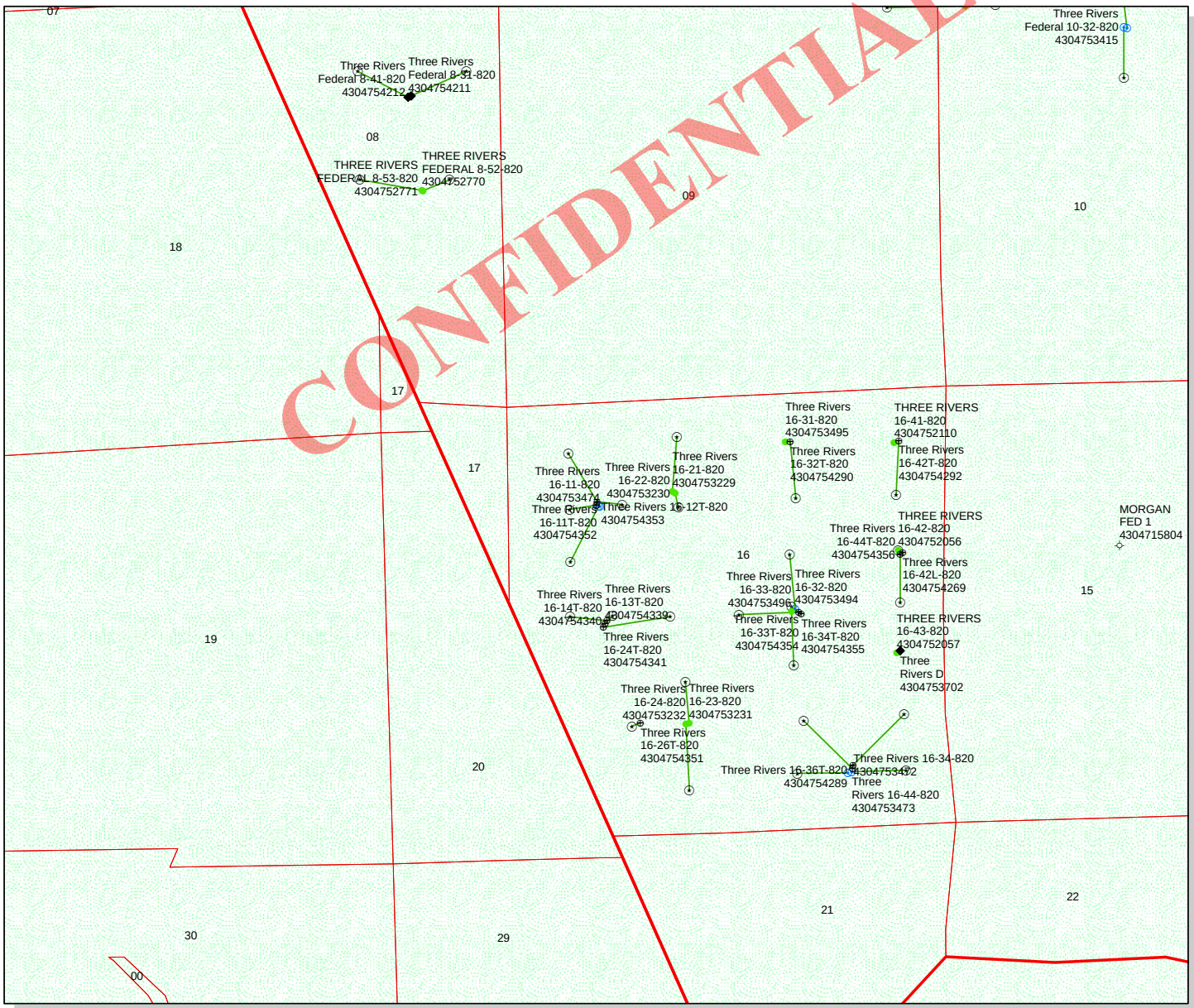
RECEIVED: March 21, 2014

API Well Number: 43047543530000



API Number: 4304754353

Well Name: Three Rivers 16-12T-820

Township: T08.0S Range: R20.0E Section: 16 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 3/26/2014
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

1,500 750 0 1,500 Feet

1:15,000

RECEIVED: March 26, 2014

API Well Number: 43047543530000

Diana Mason <dianawhitney@utah.gov>

Ultra Petroleum Wells

Jeff Conley <jconley@utah.gov> Thu, May 8, 2014 at 11:46 AM
To: Bradley Hill <bradhill@utah.gov>, Diana Mason <dianawhitney@utah.gov>
Cc: Jim Davis <jimdavis1@utah.gov>, starpoint <starpoint@etv.net>

Hello,

The following wells have been approved for arch with the paleo stipulation that a paleo monitor spot check during construction:

(4304754352) Three Rivers 16-11T-820
(4304754353) Three Rivers 16-12T-820

Thanks,

--
Jeff Conley
SITLA Resource Specialist
jconley@utah.gov
801-538-5157

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RECEIVED: May 08, 2014

API Well Number: 43047543530000

BOPE REVIEW ULTRA RESOURCES INC Three Rivers 16-12T-820 43047543530000

Well Name	ULTRA RESOURCES INC Three Rivers 16-12T-820 43047543530000			
String	SURF	PROD		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	1000	6638		
Previous Shoe Setting Depth (TVD)	0	1000		
Max Mud Weight (ppg)	8.8	10.0		
BOPE Proposed (psi)	1000	3000		
Casing Internal Yield (psi)	2950	5320		
Operators Max Anticipated Pressure (psi)	3500	10.1		

Calculations	**SURF String**	**8.625**	"
Max BHP (psi)	.052*Setting Depth*MW=	458	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	338	YES diverter with rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	238	YES OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	238	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi *Assumes 1psi/ft frac gradient

Calculations	**PROD String**	**5.500**	"
Max BHP (psi)	.052*Setting Depth*MW=	3452	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2655	YES 3M BOP, dbl ram, annular with diverter and rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1992	YES OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2212	NO OK
Required Casing/BOPE Test Pressure=		3000	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		1000	psi *Assumes 1psi/ft frac gradient

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

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

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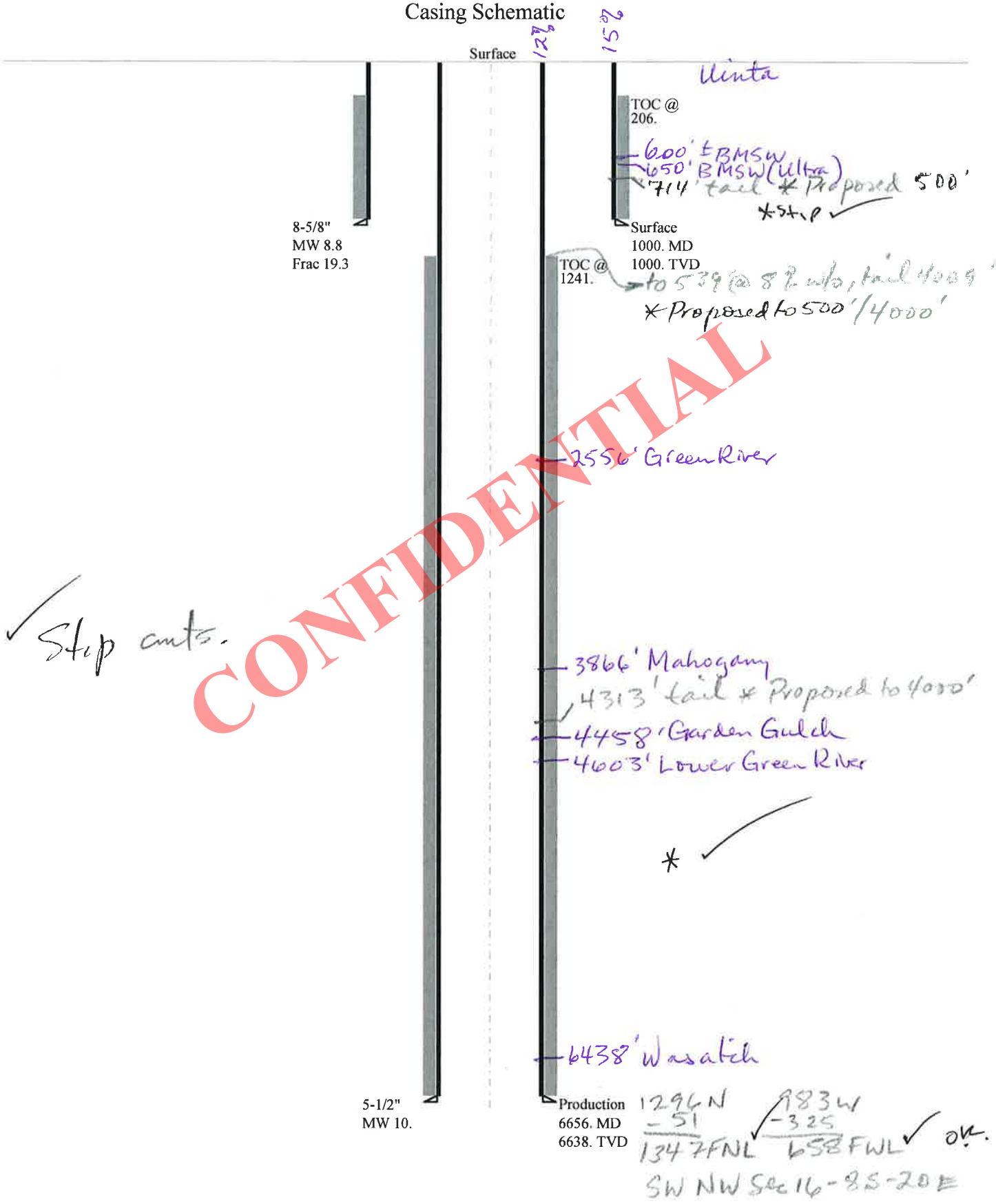
RECEIVED: June 02, 2014

API Well Number: 43047543530000

43047543530000 Three Rivers 16-12T-820

Casing Schematic



API Well Number: 43047543530000

Well name:	**43047543530000 Three Rivers 16-12T-820**
Operator:	**ULTRA RESOURCES INC**
String type:	Surface
Location:	UINTAH COUNTY
Project ID:	43-047-54353

Design parameters:

Collapse

Mud weight: 8.800 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 399 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 519 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.70 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 868 ft

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 88 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 100 ft

Cement top: 206 ft

Completion type is subs

Non-directional string.

Re subsequent strings:

Next setting depth: 1,000 ft

Next mud weight: 10.000 ppg

Next setting BHP: 519 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 1,000 ft

Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5148

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	457	1370	2.997	519	2950	5.68	20.8	244	11.71 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: May 16,2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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API Well Number: 43047543530000

Well name:	**43047543530000 Three Rivers 16-12T-820**
Operator:	**ULTRA RESOURCES INC**
String type:	Production
Location:	UINTAH COUNTY
Project ID:	43-047-54353

Design parameters:

Collapse

Mud weight: 10.000 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,988 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 3,448 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.60 (B)

Tension is based on air weight.

Neutral point: 5,649 ft

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 167 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,000 ft

Cement top: 1,241 ft

Completion type is subs

Directional Info - Build & Drop

Kick-off point 1200 ft

Departure at shoe: 329 ft

Maximum dogleg: 2 °/100ft

Inclination at shoe: 0 °

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Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6656	5.5	17.00	J-55	LT&C	6638	6656	4.767	25787

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3448	4910	1.424	3448	5320	1.54	112.8	247	2.19 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: May 16,2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6638 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator ULTRA RESOURCES INC
Well Name Three Rivers 16-12T-820
API Number 43047543530000 **APD No** 9509 **Field/Unit** THREE RIVERS
Location: 1/4,1/4 NWNW **Sec** 16 **Tw** 8.0S **Rng** 20.0E 1296 FNL 983 FWL
GPS Coord (UTM) **Surface Owner**

Participants

John Busch (ULTRA), Jim Burns (permit contractor), Ben Williams (DWR), Jim Davis (SITLA), Martin Pierce (surveyor), Richard Powell (UDOGM)

Regional/Local Setting & Topography

This proposed well site is located approximately midway between the Green River Bridge in Ouray to the south and Pelican Lake to the north and sits approximately 0.75 of a mile west of highway 88. The land here rises to the west to a tall band of hills and to the east the land slopes more gradually toward the Green River to the north east. A significant drainage will be covered over by the north side of this location.

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Surface Use Plan

Current Surface Use
Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	**Width** 371 **Length** 351	Offsite	UNTA

Ancillary Facilities N

A large quantity of fill will be imported to this site.

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

High desert shrubs including Mormon Tea, sparse grasses and rabbit brush

Soil Type and Characteristics

Gravelly sandy loam

Erosion Issues Y

North side of location is on top of a drainage

Sedimentation Issues N

Site Stability Issues Y

Drainage Diverson Required? Y

Large diversion needed to north through an existing hill

RECEIVED: June 04, 2014

Berm Required? Y
Permeable soil

Erosion Sedimentation Control Required? N

Paleo Survey Run? **Paleo Potental Observed?** **Cultural Survey Run?** **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	75 to 100	10
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	55 1 Sensitivity Level

Characteristics / Requirements

There is an existing reserve pit from the previous wells drilled at this site and the liner appears OK. However, this new well is to be drilled with a closed loop system.

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

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Other Observations / Comments

This four well pad is to be shared by the following wells:
Three Rivers 16-12T-820
Three Rivers 16-11T-820
Three Rivers 16-11-820
Three Rivers 16-12-820

Richard Powell — **Evaluator**

4/22/2014 — **Date / Time**

RECEIVED: June 04, 2014

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
9509	43047543530000	LOCKED	OW	S	No
Operator	ULTRA RESOURCES INC		**Surface Owner-APD**		
Well Name	Three Rivers 16-12T-820		**Unit**		
Field	THREE RIVERS		**Type of Work**	DRILL	
Location	NWNW 16 8S 20E S 1296 FNL 983 FWL GPS Coord (UTM) 612535E 4442593N				

Geologic Statement of Basis

Ultra proposes to set 1,000 feet of surface pipe, cemented to surface. The depth to the base of the moderately saline water at this location is estimated to be at approximately 600 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The surface formation at this site is the Uinta Formation and alluvium derived from the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill — **APD Evaluator**

5/7/2014 — **Date / Time**

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Surface Statement of Basis

This proposed well site is on an existing 2 well pad on state surface with state mineral ownership. To accommodate the addition of this and one other proposed new well there will be a 101ft addition to the north side of the location. This addition will go across an existing and fairly significant drainage. A drainage reroute is proposed but it will require a large cut through a small hill on the north side of the location. It appears it can be done but could result in future pad stability issues if not maintained or constructed appropriately. When asked about expanding in other directions to avoid crossing this drainage other difficulties were pointed out, but the primary concern is that moving in any other direction would require the existing wells to be taken off production for the drilling of the new wells. As proposed the existing wells can continue to produce during construction and drilling. SITLA representative Jim Davis attended this onsite and expressed concern that when the drainage is diverted around the location it be well armored to protect against erosion. Also, the proposed pad expansion will require a substantial amount of fill to be brought in. Mr. Davis expressed concern about the importation of weeds. John Busch of ULTRA stated that the fill would be imported from a nearby site owned by the Four Star Ranch and agreed to ensure the drainage reroute and pad are well protected against erosion with rock . Ben Williams of UDWR was also in attendance and stated that this area is crucial year around Pronghorn habitat but he stated that he would make no recommendations for this site. There is still an existing reserve pit from the previously drilled wells but this new well is planned to be drilled with a closed loop mud system. The existing reserve pit liner appears to be in good condition.

Richard Powell — **Onsite Evaluator**

4/22/2014 — **Date / Time**

RECEIVED: June 04, 2014

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	The well pad and must be armored against erosion at the point of the drainage diversion.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

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RECEIVED: June 04, 2014

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/21/2014
API NO. ASSIGNED: 43047543530000
WELL NAME: Three Rivers 16-12T-820
OPERATOR: ULTRA RESOURCES INC (N4045)
PHONE NUMBER: 303 645-9804
CONTACT: Jenna Anderson

PROPOSED LOCATION: NWNW 16 080S 200E
Permit Tech Review: ✔

SURFACE: 1296 FNL 0983 FWL
Engineering Review: ✔

BOTTOM: 1340 FNL 0660 FWL
Geology Review: ✔

COUNTY: UINTAH
LATITUDE: 40.12613
LONGITUDE: -109.67923
UTM SURF EASTINGS: 612535.00
NORTHINGS: 4442593.00
FIELD NAME: THREE RIVERS
LEASE TYPE: 3 - State
LEASE NUMBER: ML-49319
PROPOSED PRODUCING FORMATION(S): GREEN RIVER
SURFACE OWNER: 3 - State
COALBED METHANE: NO

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RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** STATE - 022046398
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ✔ **Water Permit:** 49-2262
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ✔ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: Cause 270-02
Effective Date: 11/9/2013
Siting: 2 Wells Per 40 Acres

- ✔ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - dmason
5 - Statement of Basis - BHILL
12 - Cement Volume (3) - hmacdonald
15 - Directional - dmason
25 - Surface Casing - hmacdonald

RECEIVED: June 04, 2014

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: Three Rivers 16-12T-820
API Well Number: 43047543530000
Lease Number: ML-49319
Surface Owner: STATE
Approval Date: 6/4/2014

Issued to:
ULTRA RESOURCES INC, 304 Inverness Way South #245, Englewood, CO 80112

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 270-02. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

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

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

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

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

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

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place lead cement from the pipe setting depth back to 500' MD and tail cement to 500' above the Garden Gulch Formation as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

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

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

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

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

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

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

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

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

Approved By:

For John Rogers
Associate Director, Oil & Gas

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-49319

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:
Three Rivers 16-12T-820

2. NAME OF OPERATOR:
ULTRA RESOURCES INC

9. API NUMBER:
43047543530000

3. ADDRESS OF OPERATOR:
304 Inverness Way South #245 , Englewood, CO, 80112

PHONE NUMBER:
303 645-9810 Ext

9. FIELD and POOL or WILDCAT:
THREE RIVERS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1296 FNL 0983 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 16 Township: 08.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 6/16/2014	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Ultra Resources will be moving in ProPetro to spud the Three Rivers 16-12T-820 (API# 43-047-54353) on 6/16/2014.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 17, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jenna Anderson	303 645-9804	Permitting Assistant
SIGNATURE		**DATE**
N/A		6/17/2014

RECEIVED: Jun. 17, 2014

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-49319

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:
Three Rivers 16-12T-820

2. NAME OF OPERATOR:
ULTRA RESOURCES INC

9. API NUMBER:
43047543530000

3. ADDRESS OF OPERATOR:
304 Inverness Way South #295 , Englewood, CO, 80112

PHONE NUMBER:
303 645-9810 Ext

9. FIELD and POOL or WILDCAT:
THREE RIVERS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1296 FNL 0983 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 16 Township: 08.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

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

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

Monthly status report of drilling and completion attached.

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

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jenna Anderson	303 645-9804	Permitting Assistant

SIGNATURE	DATE
N/A	7/7/2014

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/18/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Other
TD AT REPORT 1,050' **FOOTAGE** 940' **PRATE** **CUM. DRLG. HRS** **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,570' **PRESENT OPS** Drilling at 1,050' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** 30 **NEXT CASING DEPTH** **SSE** **SSED**

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/19/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Other
TD AT REPORT 1,050' **FOOTAGE** 940' **PRATE** 78.3 **CUM. DRLG. HRS** 12.0 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,570' **PRESENT OPS** Drilling at 1,050' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** 30 **NEXT CASING DEPTH** **SSE** **SSED**

TIME BREAKDOWN
CASING & CEMENT 4.00 DRILLING 12.00 TRIPPING 1.50

DETAILS

Start	End	Hrs	
06:00	18:00	12:00	DRILL F/ 110' T/ 1050'
18:00	19:30	01:30	CIRCULATE AND TRIP OUT
19:30	20:30	01:00	HOLD SAFETY MEETING, RIG UP AND RUN 8 5/8" J-55 24# SURFACE CASING
20:30	23:30	03:00	CEMENT SURFACE CASING

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,500.0	1,500.0		0.0	1,500.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT
HOLD SAFETY MEETING, RIG UP AND RUN SHOE, SHOE JT, FLOAT COLLAR, 22 JTS 8 5/8" J-55 24# SURFACE CASING PLUS CENTRALIZERS

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/21/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Other
TD AT REPORT (no data) **FOOTAGE** **PRATE** **CUM. DRLG. HRS** 12.0 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,570' **PRESENT OPS** (nothing recorded) **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** **NEXT CASING DEPTH** **SSE** **SSED**

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	**DAILY**	**CUM**	**AFE**		**DAILY**	**CUM**	**AFE**
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/22/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Other
TD AT REPORT 1,034' **FOOTAGE** 0' **PRATE** **CUM. DRLG. HRS** 12.0 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,570' **PRESENT OPS** Move rig on location at 1,034' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,450 **SSE** 1 **SSED**

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	**DAILY**	**CUM**	**AFE**		**DAILY**	**CUM**	**AFE**
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/23/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Other
TD AT REPORT 1,034' **FOOTAGE** 0' **PRATE** **CUM. DRLG. HRS** 12.0 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,570' **PRESENT OPS** Move rig on location at 1,034' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 06/23/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,450 **SSE** 1 **SSED**

TIME BREAKDOWN

PRESSURE TEST B.O.P. 4.00 RIG MOVE 5.50 RIG UP / TEAR DOWN 10.00
WORK BHA 4.50

DETAILS

Start	End	Hrs	
06:00	11:30	05:30	MOVE RIG FROM TR FED 34-43-720 TO TR 16-12T-702
11:30	21:30	10:00	RIG UP. TAKE ON WATER, FUEL, MUD. FLUSH CHOKE MANIFOLD W/ WATER.
21:30	01:30	04:00	PRESSURE TEST BOPE 3000 HIGH AND 250 LOW BLIND RAMS, PIPE RAMS,CHOKE LINE & MANIFOLD, KILL LINE &VALVESFLOOR VALVES &TOP DRIVE. ANNULAR 250 LOW AND 2500 HIGH.
01:30	04:00	02:30	LOAD AND STRAP BHA. INSPECT RIG.
04:00	06:00	02:00	P/U AMD ORIENT BHA.
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE. lining up choke manifold for drilling SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM, PPE. BIEING PREPAIRED TO SHUT WELL IN. REGULATORY NOTICES: NONE REGULATORY VISITS:NONE. INCIDENTS:NONE. SAFETY DRILLS:BOP DRILL BOTH CREWS.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	0.0	4,400.0		4,400.0	1,500.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	STC	MDSi516	JJ3153	12/12/12/12/12	0.552	1,034		-------

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	20K/25K	70/75	472	1,700	3.69	0.00	0		0.00	0	

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.750	EXCALIBER	ADJ	X65229	9/10	1,034		06/23/2014	

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	20	0.16	0.00	0		0.00	0	

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
06/23/2014	1,788	11.3	283.80	1,784	60.8	0.18	-60.84	2.1	
06/23/2014	1,703	9.6	280.20	1,701	45.8	-3.07	-45.78	2.3	
06/23/2014	1,617	7.8	274.50	1,616	32.9	-4.79	-32.90	2.5	

MUD PROPERTIES

Type		Mud Wt	9.2	Alk.		Sand %		XS Lime lb/bbl	
Temp.		Gels 10sec		Cl ppm		Solids %		Salt bbls	
Visc	32	Gels 10min		Ca ppm		LGS %		LCM ppb	
PV	6	pH		pF		Oil %		API WL cc	
YP	3	Filter Cake/32		Mf		Water %		HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: PALLETS-17, TRAILER-1,

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEERABLE DIRECTIONAL DRILLING							Length	898.8			Hours on BHA	0
Up Weight		Dn Weight		RT Weight				Torque				Hours on Motor	0

RECEIVED: Jul. 07, 2014

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JJ3153	PDC
2	MOTOR	6.500		30.41		X65229	9/10,3.7 STG,1.7*.ADJ.
3	UBHO	6.500	2.490	2.49		650003	
4	NM D.C.	6.500	2.813	30.50		DR9340	
5	GAP SUB	6.500	2.813	3.34		GS65063	
6	NM D.C.	6.500	2.813	30.84		DR21115	
7	STEEL D.C.	6.500	2.250	29.83			
8	18 HWDP	4.500	2.750	553.23			
9	JAR	6.500	2.250	32.50		78901	STC
10	6 HWPD	4.500	2.750	184.68			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/24/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Capstar 321
TD AT REPORT 3,603' **FOOTAGE** 2,563' **PRATE** 128.2 **CUM. DRLG. HRS** 32.0 **DRLG DAYS SINCE SPUD** 1
ANTICIPATED TD 6,570' **PRESENT OPS** Directional Drilling at 3,603' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 06/24/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,541 **SSE** 1 **SSED**

TIME BREAKDOWN

DIRECTIONAL DRILLING 20.00 DRILLING CEMENT 1.00 RIG REPAIRS 0.50
RIG UP / TEAR DOWN 2.50

DETAILS

Start	End	Hrs	
06:00	08:30	02:30	TIGHTEN LEAKS IN MUD LINES. REPLACE PASON RPM CABLE, AND BUILD DIRT RAMP FOR CATCH TANK.
08:30	09:30	01:00	DRILL OUT CEMENT AND SHOE TRACK F/944' FLOAT @ 990', SHOE @ 1034' AND NEW HOLE @1040'. MW 9.3 VIS 37.
09:30	18:00	08:30	DRILL UNDER DIRECTIONAL CONTROL F/1040' T/2137' 1097'@129 FT/HR. TORQUE 7k T/9k, WOB 20k/30k, GPM 472, SPP 1800, DIFF 300. MW 9.6 AND VIS 46.
18:00	00:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/2137' T/3022' 885'@147.5 FT/HR. TORQUE 7k T/9k, WOB 20k/30k, GPM 472, SPP 1800, DIFF 300.
00:00	04:00	04:00	DDRILL UNDER DIRECTIONAL CONTROL F/3022' T/3418' 396'@99 FT/HR. TORQUE 7k T/9k, WOB 20k/25k, GPM 472, SPP 1800, DIFF 300. MW 9.5+ VIS 36
04:00	04:30	00:30	REPAIR MUD LINE UNION
04:30	06:00	01:30	DDRILL UNDER DIRECTIONAL CONTROL F/3418' T/3603' 185'@123 FT/HR. TORQUE 7k T/9k, WOB 25k/30k, GPM 472, SPP 1980, DIFF 300. MW 9.5 VIS 36
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE. LINING UP CHOKE MANIFOLD. SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM, BEING PREPAIRED FOR WELL CONTROL. PPE. REGULATORY NOTICES: NONE REGULATORY VISITS:NONE. INCIDENTS:NONE. SAFETY DRILLS:BOPE.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	990.0			3,410.0	2,490.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	STC	MDSi516	JJ3153	12/12/12/12/12	0.552	1,034	4,172	1-2-RO-M--X-LT-DMF

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	20K/25K	70/75	472	1,900	355.21	28.00	3,132	111.86	28.00	3,132	111.86

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.750	EXCALIBER	ADJ	X65229	9/10	1,034		06/23/2014	

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	29	0.16	21.00	2,563	122.05	21.00	2,563	122.05

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
06/24/2014	3,923	1.1	212.90	3,896	334.3	-8.63	-334.26	0.3	
06/24/2014	3,838	1.0	226.10	3,811	333.3	-7.43	-333.29	0.1	
06/24/2014	3,752	1.1	224.40	3,725	332.2	-6.32	-332.17	0.5	

MUD PROPERTIES

Type	LSND	Mud Wt	9.4	Alk.	1.6	Sand %	0.0	XS Lime lb/bbl	
Temp.	80	Gels 10sec	6	Cl ppm	1,400	Solids %	8.0	Salt bbls	
Visc	32	Gels 10min	13	Ca ppm		LGS %	8.0	LCM ppb	
PV	6	pH	9.7	pF	0.7	Oil %		API WL cc	14.0
YP	3	Filter Cake/32	2	Mf	3.0	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: SAPP-6, DD-1, CITRIC ACID-5 GEL-104, LIME-3, MEGA CIDE-1, BI CARB-5, PALLETS-0, TRAILER-1,

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEERABLE DIRECTIONAL DRILLING							Length	898.8			Hours on BHA	0
Up Weight		Dn Weight		RT Weight				Torque				Hours on Motor	0

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BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JJ3153	PDC
2	MOTOR	6.500		30.41		X65229	9/10,3.7 STG,1.7*.ADJ.
3	UBHO	6.500	2.490	2.49		650003	
4	NM D.C.	6.500	2.813	30.50		DR9340	
5	GAP SUB	6.500	2.813	3.34		GS65063	
6	NM D.C.	6.500	2.813	30.84		DR21115	
7	STEEL D.C.	6.500	2.250	29.83			
8	18 HWDP	4.500	2.750	553.23			
9	JAR	6.500	2.250	32.50		78901	STC
10	6 HWPD	4.500	2.750	184.68			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/25/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Capstar 321
TD AT REPORT 4,221' **FOOTAGE** 618' **PRATE** 72.7 **CUM. DRLG. HRS** 40.5 **DRLG DAYS SINCE SPUD** 2
ANTICIPATED TD 6,570' **PRESENT OPS** Tripping in hole at 4,221' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** 5 **DH:** 50 **CUM. MUD LOSS** **SURF:** 5 **DH:** 50
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 06/24/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,568 **SSE** 1 **SSED**

TIME BREAKDOWN

COND MUD & CIRCULATE 1.50 DIRECTIONAL DRILLING 8.50 RIG REPAIRS 3.50
TRIPPING 10.50

DETAILS

Start	End	Hrs	
06:00	09:00	03:00	DDRILL UNDER DIRECTIONAL CONTROL F/3603' T/3915' 312'@104 FT/HR. TORQUE 10k, WOB 25k/28k, GPM 472, SPP 1980, DIFF 300. MW 9.6 VIS 37
09:00	10:00	01:00	RIG REPAIR - PULL OFF BOTTOM 198' AND REPAIR #2 PUMP. #1 PUMP DOWN FOR MOTOR REPAIR.
10:00	11:30	01:30	15 BBL GAIN WHILE REPAIRING PUMP, SHUT WELL IN. NO PRESSURE. CIRC THROUGH CHOKE 1 BTMS.UP. 10 FLARE. OPEN UP WELL AND RESUME OPPERATION.
11:30	15:30	04:00	DIRECTIONAL DRILL F/3915' T/4172' 257' @64 FT/HR. 300 DIFF, 26k WOB, 70 RPM,472 GPM. LOST DIFFERENTIAL PRESSURE AND TORQUE.
15:30	22:00	06:30	POOH L/D BIT & MOTOR
22:00	00:30	02:30	RIG REPAIR - HYDRAULIC LINE ON TOP DRIVE AND SECURE WITH WRAP.
00:30	04:30	04:00	RIH W/ NEW BIT AND MOTOR
04:30	06:00	01:30	DRILL UNDER DIRECTIONAL CONTROL F/4172' T/4220 W/ 24k WOB,64 RPM,160 DIFF, 8500 TORQUE,9.8 MW 39 VIS.
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE. WORKING SHORT HANDED AND HELPING NEW EMPLOYEES. SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM, PPE. REGULATORY NOTICES: NONE REGULATORY VISITS:NONE. INCIDENTS:NONE. SAFETY DRILLS:none.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	880.0			2,530.0	3,370.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
2	7.875	STC	MDi616	JH5957	12/12/12/12/12/12	0.663	4,172		-------
1	7.875	STC	MDSi516	JJ3153	12/12/12/12/12	0.552	1,034	4,172	1-2-RO-M--X-LT-DMF

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		69/85	472	1,850	2.64	1.50	49	32.67	1.50	49	32.67
1	20K/25K	70/75	472	1,900	355.21	28.00	3,132	111.86	28.00	3,132	111.86

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.500	EXCALIBER	ADJ		9/10	4,172		06/25/2014	
1	6.750	EXCALIBER	ADJ	X65229	9/10	1,034	4,172	06/23/2014	06/24/2014

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	26	0.18	1.50	49	32.67	1.50	49	32.67
1	29	0.16	7.00	569	81.29	28.00	3,132	111.86

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
06/25/2014	4,692	1.2	201.20	4,665	336.2	-21.09	-336.03	0.2	
06/25/2014	4,521	0.9	195.40	4,494	335.2	-18.13	-335.03	0.2	
06/25/2014	4,436	1.1	197.10	4,409	334.7	-16.70	-334.61	0.5	

MUD PROPERTIES

Type	LSND	Mud Wt	9.6	Alk.	2.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	80	Gels 10sec	9	Cl ppm	5,000	Solids %	9.0	Salt bbls	
Visc	36	Gels 10min	19	Ca ppm	320	LGS %	9.0	LCM ppb	
PV	9	pH	9.2	pF	2.0	Oil %		API WL cc	14.0
YP	7	Filter Cake/32	2	Mf	10.0	Water %	91.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: BAR-88, SODA ASH-6, SAPP-0, DD-1, CEDER FIBER-5,DAP-11, DRISPAC-3, GEL-39, LIGNITE-7,MICA-9, LIME-4, MEGA CIDE-0, FLO ZAN-5,BI CARB-0, PALLETS-7, TRAILER-1,

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	128	PSI	1,900	GPM	472	SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	62	Slow PSI	450
BHA Makeup	STEERABLE DIRECTIONAL DRILLING							Length	898.8			Hours on BHA	30
Up Weight	115	Dn Weight	80	RT Weight	101			Torque	10,600			Hours on Motor	2

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BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH5957	PDC
2	MOTOR	6.500		30.41		X65229	9/10,3.7 STG,1.7*.ADJ.
3	UBHO	6.500	2.490	2.49		650003	
4	NM D.C.	6.500	2.813	30.50		DR9340	
5	GAP SUB	6.500	2.813	3.34		GS65063	
6	NM D.C.	6.500	2.813	30.84		DR21115	
7	STEEL D.C.	6.500	2.250	29.83			
8	18 HWDP	4.500	2.750	553.23			
9	JAR	6.500	2.250	32.50		78901	STC
10	6 HWPD	4.500	2.750	184.68			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/26/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Capstar 321
TD AT REPORT 5,465' **FOOTAGE** 2,144' **PRATE** 104.6 **CUM. DRLG. HRS** 61.0 **DRLG DAYS SINCE SPUD** 3
ANTICIPATED TD 6,570' **PRESENT OPS** Directional Drilling at 5,465' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** 20 **DH:** 110 **CUM. MUD LOSS** **SURF:** 25 **DH:** 160
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 06/24/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,541 **SSE** 2 **SSED**

TIME BREAKDOWN
DIRECTIONAL DRILLING 20.50 RIG REPAIRS 3.00 RIG SERVICE 0.50

DETAILS

Start	End	Hrs	
06:00	07:00	01:00	DRILL VERTICAL SECTION F/4220 T/4253' 33' @ 33 FT/HR. WOB-24,RPM-64,SPM-126, SPP-1850, GPM 470,TORQUE 8700.
07:00	09:00	02:00	REPAIR DRIVE SHAFT AND GASKETS ON HYDRAULIC PUMP TO TOP DRIVE.
09:00	12:00	03:00	DRILL VERTICAL SECTION F/4253' T/4486' 233' @ 77.6 FT/HR. WOB-28,RPM-69,SPM-126, SPP-1850, GPM 470,TORQUE-11000.MW-9.7 VIS-39
12:00	16:30	04:30	DRILL VERTICAL SECTION F/4486' T/4785' 299' @ 66.4 FT/HR. WOB-28,RPM-69,SPM-126, SPP-1850, GPM 470,TORQUE-11000.MW-9.7 VIS-39
16:30	17:00	00:30	SERVICE RIG AND LUBE.
17:00	18:00	01:00	AFTER SERVICE, HYDRAULIC UNIT WOULD NOT START. INSTALL NEW BATTERIES.
18:00	00:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/4785' 5157' 372'@62 FT/HR. 250 DIFF,60 RPM,1860 SPP,11500 TORQUE.MW 9.8 VIS 36
00:00	06:00	06:00	DRILL VERTICAL SECTION F/5157' T/5465' 308'@51.33 FT/HR. WOB-20,RPM-60,TORQUE-10000, SPP-1900, 126 SPM,470 GPM, MW-9.7 VIS-37.
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE. WORKING SHORT HANDED AND HELPING NEW EMPLOYEES. SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM,HOUSE KEEPING, PPE. REGULATORY NOTICES: NONE REGULATORY VISITS:NONE. INCIDENTS:NONE. SAFETY DRILLS:none.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,800.0			730.0	5,170.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
2	7.875	STC	MDi616	JH5957	12/12/12/12/12/12	0.663	4,172		-------
1	7.875	STC	MDSi516	JJ3153	12/12/12/12/12	0.552	1,034	4,172	1-2-RO-M--X-LT-DMF

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		69/85	472	1,850	2.64	20.50	1,244	60.68	22.00	1,293	58.77
1	20K/25K	70/75	472	1,900	355.21	28.00	3,132	111.86	28.00	3,132	111.86

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.500	EXCALIBER	ADJ		9/10	4,172		06/25/2014	
1	6.750	EXCALIBER	ADJ	X65229	9/10	1,034	4,172	06/23/2014	06/24/2014

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	26	0.18	20.50	1,244	60.68	22.00	1,293	58.77
1	29	0.16	7.00	569	81.29	28.00	3,132	111.86

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
06/26/2014	5,375	2.0	181.20	5,347	338.5	-40.05	-338.19	0.6	
06/26/2014	5,290	1.5	177.00	5,262	338.5	-37.46	-338.21	0.6	
06/26/2014	5,204	1.8	192.00	5,176	338.3	-35.01	-337.99	0.5	

MUD PROPERTIES

Type	LSND	Mud Wt	9.7	Alk.	2.4	Sand %	1.0	XS Lime lb/bbl	
Temp.	112	Gels 10sec	5	Cl ppm	4,500	Solids %	10.0	Salt bbls	
Visc	36	Gels 10min	15	Ca ppm	200	LGS %	10.0	LCM ppb	
PV	9	pH	9.3	pF	2.6	Oil %		API WL cc	13.6
YP	8	Filter Cake/32	2	Mf	9.5	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: BAR-140, SODA ASH-4, SAPP-0, DD-0, CEDER FIBER-0,DAP-0, DRISPAC-2, GEL-55, LIGNITE-4,MICA-0, LIME-3, MEGA CIDE-3,SAW DUST-140, FLO ZAN-4,BI CARB-0, PALLETS-0, TRAILER-1,

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	65	Slow PSI	470
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	128	PSI	1,900	GPM	472	SPR	62	Slow PSI	420
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	62	Slow PSI	450
BHA Makeup	STEERABLE DIRECTIONAL DRILLING							Length	898.8			Hours on BHA	50
Up Weight	150	Dn Weight	80	RT Weight	118			Torque	11,600			Hours on Motor	22

RECEIVED: Jul. 07, 2014

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH5957	PDC
2	MOTOR# X65227	6.500		29.37		X65229	9/10,3.7 STG,1.7*.ADJ.
3	UBHO	6.500	2.490	2.49		650003	
4	NM D.C.	6.500	2.813	30.50		DR9340	
5	GAP SUB	6.500	2.813	3.34		GS65063	
6	NM D.C.	6.500	2.813	30.84		DR21115	
7	STEEL D.C.	6.500	2.250	29.83			
8	18 HWDP	4.500	2.750	553.23			
9	JAR	6.500	2.250	32.50		78901	STC
10	6 HWPD	4.500	2.750	184.68			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/27/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Capstar 321
TD AT REPORT 6,530' **FOOTAGE** 1,065' **PRATE** 46.3 **CUM. DRLG. HRS** 84.0 **DRLG DAYS SINCE SPUD** 4
ANTICIPATED TD 6,570' **PRESENT OPS** Directional Drilling at 6,530' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** 5 **DH:** 100 **CUM. MUD LOSS** **SURF:** 30 **DH:** 260
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 06/24/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,524 **SSE** 1 **SSED**

TIME BREAKDOWN

DIRECTIONAL DRILLING 23.00 OTHER 0.50 RIG SERVICE 0.50

DETAILS

Start	End	Hrs	
06:00	12:00	06:00	DRILL VERTICAL SECTION F/5465' T/5716' 251'@41.3 FT/HR. WOB-20/24,RPM-60,TORQUE-11000, SPP-1850, 126 SPM,470 GPM, MW-9.7 VIS-42.
12:00	17:30	05:30	DRILL VERTICAL SECTION F/5716' T/5981' 256'@48.1 FT/HR. WOB-20/24,RPM-60,TORQUE-11000, SPP-1850, 126 SPM,470 GPM, MW-9.7 VIS-42.
17:30	18:00	00:30	LUBE RIG
18:00	18:30	00:30	DRILL F/5981 T/6024 43'24k WOB,61 RPM,1880 SPP,126 SPM,9900 TORQUE. MW 9.6, VIS 52.
18:30	19:00	00:30	CHANGE TOP DRIVE MOTORS TO HIGH TORQUE.
19:00	00:00	05:00	DRILL VERTICAL SECTION F/6024 T/6256 232'@ 46.4'22-WB, 66 RPM,300 DIF, 14000 TORQUE. MW9.7 VIS 41
00:00	06:00	06:00	DRILL VERTICAL SECTION F/6256' T/6530' 274'@45.6 FT/HR. WOB-23k,RPM-60, DIFF- 200, 472-GPM, SPP-2000. MW-9.7, VIS-42.
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE. WORKING SHORT HANDED AND HELPING NEW EMPLOYEES. SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM,HOUSE KEEPING, PPE. REGULATORY NOTICES: NONE REGULATORY VISITS:NONE. INCIDENTS:NONE. SAFETY DRILLS:none.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	860.0	3,540.0		3,410.0	6,030.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
2	7.875	STC	MDi616	JH5957	12/12/12/12/12/12	0.663	4,172		-------
1	7.875	STC	MDSi516	JJ3153	12/12/12/12/12	0.552	1,034	4,172	1-2-RO-M--X-LT-DMF

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		60/85	472	1,850	2.64	23.00	1,065	46.30	45.00	2,358	52.40
1	20K/25K	70/75	472	1,900	355.21	28.00	3,132	111.86	28.00	3,132	111.86

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.500	EXCALIBER	ADJ	X65227	9/10	4,172		06/25/2014	
1	6.750	EXCALIBER	ADJ	X65229	9/10	1,034	4,172	06/23/2014	06/24/2014

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	24	0.18	23.00	1,065	46.30	45.00	2,358	52.40
1	29	0.16	7.00	569	81.29	28.00	3,132	111.86

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
06/27/2014	6,540	1.7	177.90	6,512	334.5	-73.38	-333.93	0.0	
06/27/2014	6,490	1.7	177.90	6,462	334.5	-71.89	-333.98	7.7	
06/27/2014	6,486	1.4	175.60	6,458	334.6	-71.79	-333.99	0.6	

MUD PROPERTIES

Type	LSND	Mud Wt	9.7	Alk.	2.2	Sand %	1.0	XS Lime lb/bbl	
Temp.	124	Gels 10sec	5	Cl ppm	3,000	Solids %	10.0	Salt bbls	
Visc	41	Gels 10min	20	Ca ppm	240	LGS %	10.0	LCM ppb	
PV	15	pH	9.7	pF	1.8	Oil %		API WL cc	5.6
YP	13	Filter Cake/32	2	Mf	7.2	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: BAR-100, SODA ASH-8, SAPP-0, DD-1, CEDER FIBER-0,DAP-0, DRISPAC-9, GEL-9, LIGNITE-9,MICA-64, LIME-6, PHPA-2,SAW DUST-225, FLO ZAN-4,BI CARB-0, SOLTEX-40,PALLETS-15, TRAILER-1,

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	65	Slow PSI	535
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	128	PSI	1,900	GPM	472	SPR	62	Slow PSI	520
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEERABLE DIRECTIONAL DRILLING							Length	898.8			Hours on BHA	73
Up Weight	155	Dn Weight	95	RT Weight	130			Torque	13,000			Hours on Motor	45

RECEIVED: Jul. 07, 2014

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH5957	PDC
2	MOTOR# X65227	6.500		29.37		X65229	9/10,3.7 STG,1.7*.ADJ.
3	UBHO	6.500	2.490	2.49		650003	
4	NM D.C.	6.500	2.813	30.50		DR9340	
5	GAP SUB	6.500	2.813	3.34		GS65063	
6	NM D.C.	6.500	2.813	30.84		DR21115	
7	STEEL D.C.	6.500	2.250	29.83			
8	18 HWDP	4.500	2.750	553.23			
9	JAR	6.500	2.250	32.50		78901	STC
10	6 HWPD	4.500	2.750	184.68			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/28/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Capstar 321
TD AT REPORT 6,540' **FOOTAGE** 10' **PRATE** 10.0 **CUM. DRLG. HRS** 85.0 **DRLG DAYS SINCE SPUD** 5
ANTICIPATED TD 6,570' **PRESENT OPS** Cement Production Casing at 6,540' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** 5 **DH:** 150 **CUM. MUD LOSS** **SURF:** 35 **DH:** 410
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 06/24/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,524 **SSE** 1 **SSED**

TIME BREAKDOWN

CASING & CEMENT	12.00	COND MUD & CIRCULATE	1.00	DIRECTIONAL DRILLING	1.00
TRIPPING	6.00	WIRELINE	4.00		

DETAILS

Start	End	Hrs	
06:00	07:00	01:00	DRILL VERTICAL SECTION F/6530' T/6540'. WOB-23k,RPM-60, DIFF- 200, 472-GPM, SPP-2000. MW-9.7, VIS-42. T.D. WELL@6540'
07:00	08:00	01:00	CBU @6540'
08:00	08:30	00:30	POOH F/ LOGS. NO PUMP UP WT.-180
08:30	08:30	00:00	PUMP PILL AND FLOW CHECK @6000'
08:30	14:00	05:30	POOH F/ LOGS. L/D BHA.
14:00	18:00	04:00	R/U AND LOG W/ HALLIBURTON LOGGERS DEPTH 6521' R/D LOGGING EQUIP.
18:00	02:30	08:30	R/U AND RUN 152 JOINTS 5 1/2" J-55 17# LT&C CASING +2 MARKER JOINTS +SHOE AND LANDING MANDREL.
02:30	03:30	01:00	CIRCULATE BTMS UP. R/U HALLIBURTON.SAFETY MEETING.
03:30	04:00	00:30	LAND CASING, INSTALL CEMENT HEAD, AND TEST LINES T/ 5000 PSI.
04:00	05:30	01:30	MIX AND PUMP 10 BBL WATER, 20 BBL SUPER FLUSH, 10BBL WATER. MIX AND PUMP 235 SACKS(146 BBLS)11# LEAD CEMENT AND 400 SACKS (96 BBLS) TAIL. DROP WIPER PLUG AND DISPLACE WITH 151 BBLS WATER.
05:30	06:00	00:30	CIP @0530. R/D HALLIBURTON.
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE. TRIPPING AND LOGGING. SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM, PPE. LOGGING AND RUNNING CASING. REGULATORY NOTICES: PRODUCTION CASING AND BOPE TEST TR 16-11T-820 REGULATORY VISITS:NONE. INCIDENTS:NONE.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	935.0			2,475.0	6,965.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
2	7.875	STC	MDi616	JH5957	12/12/12/12/12/12	0.663	4,172	6,540	1-1-CT-G--X--TD
1	7.875	STC	MDSi516	JJ3153	12/12/12/12/12	0.552	1,034	4,172	1-2-RO-M--X-LT-DMF

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		60/85	472	1,850	2.64	1.00	10	10.00	46.00	2,368	51.48
1	20K/25K	70/75	472	1,900	355.21	28.00	3,132	111.86	28.00	3,132	111.86

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.500	EXCALIBER	ADJ	X65227	9/10	4,172	6,540	06/25/2014	06/27/2014
1	6.750	EXCALIBER	ADJ	X65229	9/10	1,034	4,172	06/23/2014	06/24/2014

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	24	0.18	1.00	10	10.00	46.00	2,368	51.48
1	29	0.16	7.00	569	81.29	28.00	3,132	111.86

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
06/27/2014	6,540	1.7	177.90	6,512	334.5	-73.38	-333.93	0.0	
06/27/2014	6,490	1.7	177.90	6,462	334.5	-71.89	-333.98	7.7	
06/27/2014	6,486	1.4	175.60	6,458	334.6	-71.79	-333.99	0.6	

MUD PROPERTIES

Type	LSND	Mud Wt	909.0	Alk.	2.1	Sand %	1.0	XS Lime lb/bbl	
Temp.	124	Gels 10sec	4	Cl ppm	3,000	Solids %	11.0	Salt bbls	
Visc	40	Gels 10min	10	Ca ppm	240	LGS %	10.0	LCM ppb	
PV	14	pH	9.3	pF	1.5	Oil %		API WL cc	6.0
YP	10	Filter Cake/32	2	Mf	7.0	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: BAR-1051, SODA ASH-7, SAPP-0, DD-0, CEDER FIBER-0,DAP-0, DRISPAC-4, DESCO-2,GEL-48, LIGNITE-6,MICA-0, LIME-2, PHPA-0,SAW DUST-225, FLO ZAN-2,BI CARB-0, SOLTEX-20,WALNUT-20, PALLETS-0, TRAILER-1,

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	65	Slow PSI	535
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	128	PSI	1,900	GPM	472	SPR	62	Slow PSI	520
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEERABLE DIRECTIONAL DRILLING							Length	898.8			Hours on BHA	74
Up Weight	142	Dn Weight	115	RT Weight	131			Torque	13,000			Hours on Motor	46

RECEIVED: Jul. 07, 2014

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH5957	PDC
2	MOTOR# X65227	6.500		29.37		X65229	9/10,3.7 STG,1.7*.ADJ.
3	UBHO	6.500	2.490	2.49		650003	
4	NM D.C.	6.500	2.813	30.50		DR9340	
5	GAP SUB	6.500	2.813	3.34		GS65063	
6	NM D.C.	6.500	2.813	30.84		DR21115	
7	STEEL D.C.	6.500	2.250	29.83			
8	18 HWDP	4.500	2.750	553.23			
9	JAR	6.500	2.250	32.50		78901	STC
10	6 HWPD	4.500	2.750	184.68			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 06/29/2014

WELL NAME THREE RIVERS 16-12T-820 **AFE#** **SPUD DATE** 06/23/2014
WELL SITE CONSULTANT KING BROWN **PHONE#** 435-828-5550 **CONTRACTOR** Capstar 321
TD AT REPORT 6,523' **FOOTAGE** 0' **PRATE** **CUM. DRLG. HRS** 85.0 **DRLG DAYS SINCE SPUD** 6
ANTICIPATED TD 6,570' **PRESENT OPS** Rig release at 6,523' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** 35 **DH:** 410
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST 06/24/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,523 **SSE** 1 **SSED**

TIME BREAKDOWN

NIPPLE DOWN B.O.P. 4.00 RIG UP / TEAR DOWN 1.00

DETAILS

Start	End	Hrs	
06:00	10:00	04:00	NIPPLE DOWN BOPE AND CLEAN MUD TANKS
10:00	11:00	01:00	RIG DOWN CHOKE AND FLARE LINES.
11:00	11:00	00:00	RELEASE RIG TO TR 16-11T-820.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel			2,475.0	0.0	6,965.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT

1- SHOE W/ LATCH DOWN, 152 JOINTS 5 1/2" J-55 LT&C 17# CASING + 2- MARKER JOINTS,LANDING MANDREL, AND LANDING JOINT. SHOE DEPTH 6523'RKB.

CEMENT JOB SUMMARY

R/U AND TEST LINES T/5000PSI. PUMP 10 BBLS WATER, 20 BBLS SUPER FLUSH, 10 BBLS WATER. MIX AND PUMP 400 SACKS (146 BBLS)ECOMOCEM CEMENT;1 LBM GRANULITE, .25 LBM POLY FLAKE, 5 LBM KOL-SEAL. MIX AND PUMP 400 SACKS (96 BBL)EXPANDACEM W/2 LBM KOL-SEAL, 1 LBM GRANULITE, AND .25 LBM POLY FLAKE. DISPLACE W/151 BBL FRESH WATER. BUMPED PLUG W/1200 PSI BLED BACK 1 BBL AND FLOAT HELD. MAINTAINED CIRCULATION THROUGHOUT JOB ALTHOUGH DEMINISHED (20%) AT THE END. NO CEMENT RETURNED TO SURFACE. R/D CEMENTERS AND RELEASE.

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	06/29/2014	5 1/2	J-55	17	6,522		
Surface	06/18/2014	8 5/8	J-55	24	1,035		
Conductor	06/16/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
2	7.875	STC	MDi616	JH5957	12/12/12/12/12/12	0.663	4,172	6,540	1-1-CT-G--X--TD
1	7.875	STC	MDSi516	JJ3153	12/12/12/12/12	0.552	1,034	4,172	1-2-RO-M--X-LT-DMF

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		60/85	472	1,850	2.64	1.00	10	10.00	46.00	2,368	51.48
1	20K/25K	70/75	472	1,900	355.21	28.00	3,132	111.86	28.00	3,132	111.86

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.500	EXCALIBER	ADJ	X65227	9/10	4,172	6,540	06/25/2014	06/27/2014
1	6.750	EXCALIBER	ADJ	X65229	9/10	1,034	4,172	06/23/2014	06/24/2014

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	24	0.18	1.00	10	10.00	46.00	2,368	51.48
1	29	0.16	7.00	569	81.29	28.00	3,132	111.86

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
06/27/2014	6,540	1.7	177.90	6,512	334.5	-73.38	-333.93	0.0	
06/27/2014	6,490	1.7	177.90	6,462	334.5	-71.89	-333.98	7.7	
06/27/2014	6,486	1.4	175.60	6,458	334.6	-71.79	-333.99	0.6	

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	65	Slow PSI	535
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	128	PSI	1,900	GPM	472	SPR	62	Slow PSI	520
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEERABLE DIRECTIONAL DRILLING							Length	898.8			Hours on BHA	74
Up Weight	142	Dn Weight	115	RT Weight	131			Torque	13,000			Hours on Motor	46

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH5957	PDC
2	MOTOR# X65227	6.500		29.37		X65229	9/10,3.7 STG,1.7*.ADJ.
3	UBHO	6.500	2.490	2.49		650003	
4	NM D.C.	6.500	2.813	30.50		DR9340	
5	GAP SUB	6.500	2.813	3.34		GS65063	
6	NM D.C.	6.500	2.813	30.84		DR21115	
7	STEEL D.C.	6.500	2.250	29.83			
8	18 HWDP	4.500	2.750	553.23			
9	JAR	6.500	2.250	32.50		78901	STC
10	6 HWPD	4.500	2.750	184.68			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..600: Surface Casing/Inte		17,662		Total Cost		17,662	

RECEIVED: Jul. 07, 2014

BLM - Vernal Field Office - Notification Form

_Submitted By KING BROWN Phone Number 435-828-5550
Well Name/Number Three Rivers 16-12T-820
Qtr/Qtr _NW NW_ Section 16 Township 7 8S Range _ 1 20E
Lease Serial Number ML-49319
API Number 43047543530000

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 _06/28/2014 12:01_ _____ 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 _If you have any questions please call._____

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-49319

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:
Three Rivers 16-12T-820

2. NAME OF OPERATOR:
ULTRA RESOURCES INC

9. API NUMBER:
43047543530000

3. ADDRESS OF OPERATOR:
304 Inverness Way South #295 , Englewood, CO, 80112

PHONE NUMBER:
303 645-9810 Ext

9. FIELD and POOL or WILDCAT:
THREE RIVERS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1296 FNL 0983 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 16 Township: 08.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 7/16/2014	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

First Production occurred on the TR16-12T-820 on 07/16/2014.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
July 21, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jenna Anderson	303 645-9804	Permitting Assistant

SIGNATURE	DATE
N/A	7/21/2014

RECEIVED: Jul. 21, 2014

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML49319
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT or CA AGREEMENT NAME
8. WELL NAME and NUMBER: THREE RIVERS 16-12T-820
9. API NUMBER: 4304754353
10 FIELD AND POOL, OR WILDCAT: THREE RIVERS

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: Ultra Resources, Inc.

3. ADDRESS OF OPERATOR: 304 Inverness Way So. CITY Englewood STATE CO ZIP 80112 PHONE NUMBER: (303) 645-9804

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1296 FNL 983 FWL 40.126197 109.679394
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1310 FNL 649 FWL 40.126141 109.680595
AT TOTAL DEPTH: 1363 FNL 651 FWL 40.125996 109.680588

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 16 8S 20E S
12. COUNTY: Uintah
13. STATE: UTAH

14. DATE SPUDDED: 6/6/2014
15. DATE T.D. REACHED: 6/28/2014
16. DATE COMPLETED: 8/11/2014 ABANDONED ☐ READY TO PRODUCE ☑
17. ELEVATIONS (DF, RKB, RT, GL): GL 4792.5

18. TOTAL DEPTH: MD 6,540 TVD 6,511
19. PLUG BACK T.D.: MD TVD -29
20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Triple Combo, CBL

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 arj55	45	0	119				0	
12 1/4	8 5/8 J-55	24	0	1,035		670		0	
7 7/8	5 1/2 J-55	17	0	6,522		635		250	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	4,555							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Lower GR	4,652	6,424		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
4,652 6,424		312	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☑ NO ☐ IF YES – DATE FRACTURED: 7/14/2014

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4652 to 6424	Fracture/Stimulate 7 Stages

29. ENCLOSED ATTACHMENTS:

☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☑ OTHER:

30. WELL STATUS: POW

(5/2013)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
7/16/2014		7/31/2014		24			142	89	269	Gas Pumpi
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Used on lease

33. 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.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Upper Green River	2,569
Mahogany	3,889
Lower Green River	4,630
Wasatch	6,432

35. ADDITIONAL REMARKS (Include plugging procedure)

Frac material used: 2000 gal HCl Acid, 1026892 gal FR-66 Water, 257666 gal DeltaFrac Fluid, 1073467 White Sand

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Jenna Anderson TITLE Permitting Specialist

SIGNATURE DATE 8/15/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

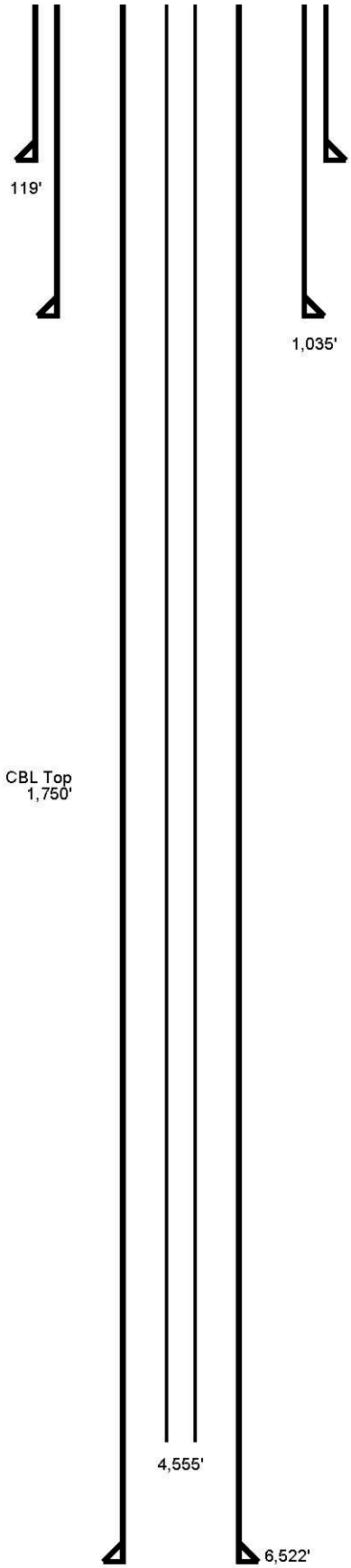
Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

[ ] Proposed
[X] As Is

THREE RIVERS 16-12T-820 GL: 4,792.5, KB: 4,793.0
Sec 16, 8S, 20E Uintah County, Utah



	Size	Weight	Grade	Depth	Sks/Cmt
Conductor	16	45	ARJ-55	119	
Surface	8 5/8	24	J-55	1035	670
Production	5 1/2	17	J-55	6522	635
Tubing				4546	
Tubing	2.875			4494	
Tubing	2.875	6.5	j-55	4462	
Tubing	2.875			16	
Cement Top				250	

STAGE	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
1	6422-6424	6415-6416	6404-6405	6391-6392	6376-6377	6370-6371	6363-6364
2	6270-6273	6261-6262	6252-6253	6242-6243	6231-6232	6218-6219	6200-6201
3	6134-6136	6118-6119	6104-6105	6079-6080	6047-6048	6030-6031	6015-6016
4	5918-5920	5893-5895	5874-5876	5855-5857	5812-5814	5792-5794	5774-5776
5	5626-5628	5590-5591	5571-5572	5540-5541	5519-5520	5495-5496	5489-5490
6	5147-5149	5111-5112	5107-5108	5099-5100	5066-5067	5000-5001	4985-4986
7	4822-4824	4786-4787	4777-4778	4740-4741	4730-4731	4720-4721	4699-4700

Stage	Date	Av.Rate	Av.Press	Proppant	CleanFluid	Tracer	Screenout
1	07/14/2014	44.0	2,189	110,707	3,478		N
2	07/15/2014	51.0	2,435	155,127	4,812		N
3	07/15/2014	50.0	1,956	153,040	4,720		N
4	07/15/2014	51.0	2,158	208,497	5,662		N
5	07/16/2014	47.0	2,802	176,843	4,813		N
6	07/16/2014	47.0	2,184	120,382	3,352		N
7	07/16/2014	50.0	1,734	148,871	4,044		N
			Totals:	1,073,467	30,881		

Actual Formation or Depth	Top	Sand Type	Amount
		Gross Sand Drilled	
		Gross Sand Logged	
		Net Sand	
		Net Pay	

Move In	Spud Date	TD Date	Rig Release	1st Prod	Full Sales
06/18/2014	06/23/2014	06/28/2014	06/28/2014	07/16/2014	

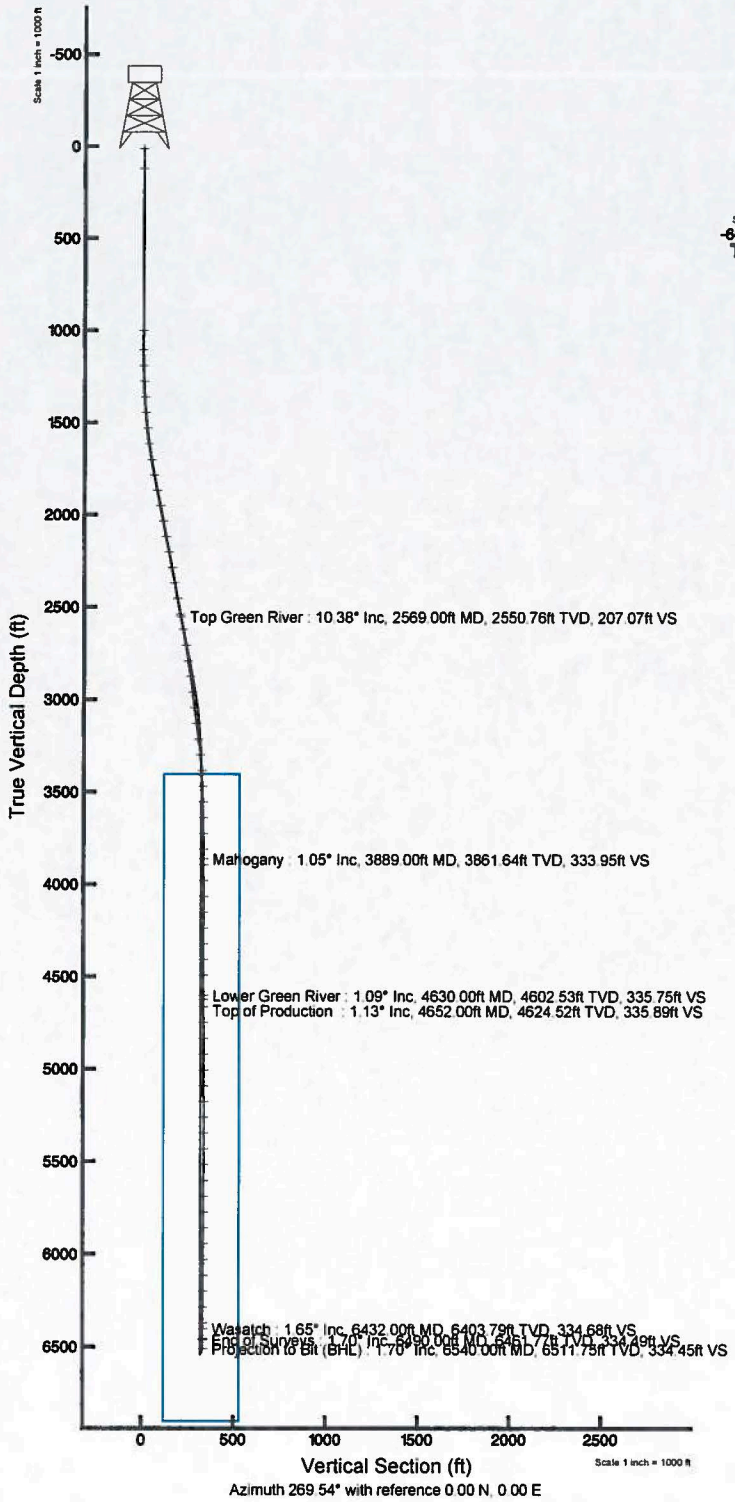
Tbg Date	Depth	OD	ID	Weight	Grade	Thread	Csg Size	1st Jt	# Joints	Coil
08/11/2014	4,546.000						5.5		143	N
08/11/2014	4,494.000						5.5		143	N
08/11/2014	16.000						5.5		143	N

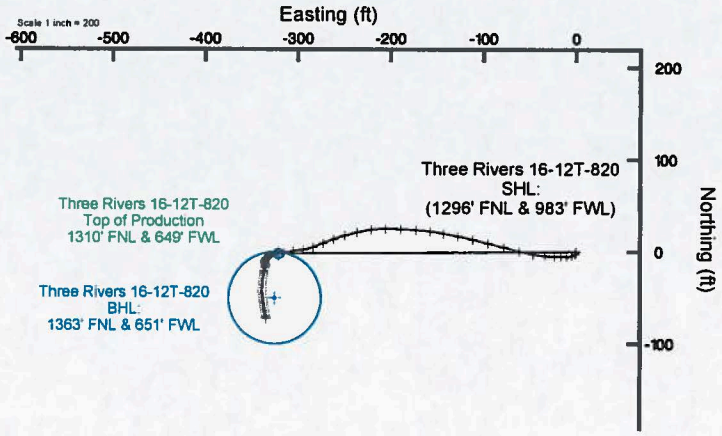
ULTRA RESOURCES, INC

Location:	Three Rivers	Slot:	Three Rivers 16-12T-820 (1296' FNL & 983' FWL)
Field:	UINTAH COUNTY	Well:	Three Rivers 16-12T-820
Facility:	Sec 16-T8S-R20E	Wellbore:	Three Rivers 16-12T-820 PWB

Plot reference wellpath is Three Rivers 16-12T-820 PWP

True vertical depths are referenced to Capstar 321 (RT)	Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet
Measured depths are referenced to Capstar 321 (RT)	North Reference: True north
Capstar 321 (RT) to Mean Sea Level: 4808 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Three Rivers 16-12T-820 (1296' FNL & 983' FWL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: ewilliams on 8/15/2014





Actual Wellpath Report

Three Rivers 16-12T-820 AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-12T-820 (1296' FNL & 983' FWL)
Area	Three Rivers	Well	Three Rivers 16-12T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-12T-820 AWB
Facility	Sec.16-T8S-R20E		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999912	Report Generated	8/15/2014 at 10:33:16 AM
Convergence at slot	1.17° East	Database/Source file	WellArchitectDB/Three_Rivers_16-12T-820_AWB.xml

WELLPATH LOCATION	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	2691.86	-1121.77	2149462.68	7219872.71	40°07'34.310"N	109°40'45.820"W
Facility Reference Pt			2150639.03	7217204.54	40°07'07.709"N	109°40'31.379"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Capstar 321 (RT) to Facility Vertical Datum	4806.00ft
Horizontal Reference Pt	Slot	Capstar 321 (RT) to Mean Sea Level	4806.00ft
Vertical Reference Pt	Capstar 321 (RT)	Capstar 321 (RT) to Mud Line at Slot (Three Rivers 16-12T-820 (1296' FNL & 983' FWL))	4806.00ft
MD Reference Pt	Capstar 321 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	269.54°

Actual Wellpath Report

Three Rivers 16-12T-820 AWP

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REFERENCE WELLPATH IDENTIFICATION			
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Area	Three Rivers	Well	Three Rivers 16-12T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-12T-820 AWB
Facility	Sec.16-T8S-R20E		

WELLPATH DATA (74 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	162.000	0.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
13.00	0.000	162.000	13.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
120.00	0.000	0.000	120.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
1000.00	0.000	0.000	1000.00	0.00	0.00	0.00	40°07'34.310"N	109°40'45.820"W	0.00	
1104.00	1.000	162.000	1103.99	-0.27	-0.86	0.28	40°07'34.301"N	109°40'45.816"W	0.96	
1190.00	2.200	221.200	1189.96	0.60	-2.82	-0.58	40°07'34.282"N	109°40'45.827"W	2.20	
1275.00	3.500	250.500	1274.86	4.13	-4.91	-4.10	40°07'34.261"N	109°40'45.873"W	2.25	
1361.00	4.100	274.000	1360.68	9.68	-5.57	-9.64	40°07'34.255"N	109°40'45.944"W	1.92	
1446.00	3.900	272.900	1445.47	15.60	-5.22	-15.56	40°07'34.258"N	109°40'46.020"W	0.25	
1531.00	5.800	268.800	1530.16	22.78	-5.16	-22.74	40°07'34.259"N	109°40'46.113"W	2.27	
1617.00	7.800	274.500	1615.55	32.94	-4.79	-32.90	40°07'34.263"N	109°40'46.244"W	2.45	
1703.00	9.600	280.200	1700.56	45.80	-3.07	-45.78	40°07'34.280"N	109°40'46.409"W	2.32	
1788.00	11.300	283.800	1784.15	60.84	0.18	-60.84	40°07'34.312"N	109°40'46.603"W	2.14	
1874.00	12.100	284.900	1868.36	77.70	4.50	-77.74	40°07'34.355"N	109°40'46.821"W	0.97	
1959.00	11.600	284.100	1951.55	94.56	8.88	-94.63	40°07'34.398"N	109°40'47.038"W	0.62	
2044.00	11.300	283.600	2034.86	110.91	12.92	-111.02	40°07'34.438"N	109°40'47.249"W	0.37	
2130.00	10.900	281.800	2119.25	127.03	16.56	-127.16	40°07'34.474"N	109°40'47.457"W	0.62	
2215.00	10.300	279.700	2202.80	142.36	19.48	-142.52	40°07'34.503"N	109°40'47.655"W	0.84	
2301.00	9.800	278.300	2287.48	157.16	21.84	-157.34	40°07'34.526"N	109°40'47.846"W	0.65	
2386.00	10.700	273.700	2371.12	172.18	23.39	-172.38	40°07'34.541"N	109°40'48.039"W	1.43	
2471.00	11.600	271.800	2454.52	188.59	24.17	-188.79	40°07'34.549"N	109°40'48.250"W	1.14	
2557.00	10.300	271.600	2538.95	204.92	24.65	-205.12	40°07'34.554"N	109°40'48.461"W	1.51	
2569.00†	10.378	270.068	2550.76	207.07	24.69	-207.27	40°07'34.554"N	109°40'48.488"W	2.38	Top Green River
2642.00	11.000	261.300	2622.49	220.54	23.64	-220.73	40°07'34.544"N	109°40'48.662"W	2.38	
2728.00	9.700	256.300	2707.10	235.71	20.68	-235.88	40°07'34.514"N	109°40'48.857"W	1.84	
2813.00	8.900	253.400	2790.98	249.00	17.11	-249.14	40°07'34.479"N	109°40'49.027"W	1.09	
2898.00	8.300	249.400	2875.02	261.07	13.07	-261.19	40°07'34.439"N	109°40'49.182"W	1.00	
2984.00	8.000	249.200	2960.15	272.51	8.76	-272.59	40°07'34.397"N	109°40'49.329"W	0.35	
3069.00	7.600	246.300	3044.37	283.22	4.40	-283.27	40°07'34.353"N	109°40'49.467"W	0.66	
3155.00	7.500	262.900	3129.63	294.03	1.42	-294.05	40°07'34.324"N	109°40'49.605"W	2.53	
3240.00	7.000	263.500	3213.95	304.69	0.15	-304.70	40°07'34.311"N	109°40'49.742"W	0.59	
3326.00	6.600	260.700	3299.35	314.78	-1.24	-314.78	40°07'34.298"N	109°40'49.872"W	0.60	
3411.00	5.200	265.100	3383.90	323.45	-2.36	-323.44	40°07'34.287"N	109°40'49.984"W	1.73	
3496.00	2.400	240.400	3468.71	328.85	-3.57	-328.83	40°07'34.275"N	109°40'50.053"W	3.74	
3582.00	0.500	235.300	3554.67	330.73	-4.67	-330.70	40°07'34.264"N	109°40'50.077"W	2.21	
3667.00	0.700	214.600	3639.67	331.33	-5.31	-331.30	40°07'34.257"N	109°40'50.085"W	0.34	
3752.00	1.100	224.400	3724.66	332.21	-6.32	-332.17	40°07'34.248"N	109°40'50.096"W	0.50	
3838.00	1.000	226.100	3810.64	333.33	-7.43	-333.29	40°07'34.237"N	109°40'50.111"W	0.12	
3889.00†	1.053	217.874	3861.64	333.95	-8.11	-333.89	40°07'34.230"N	109°40'50.118"W	0.31	Mahogany
3923.00	1.100	212.900	3895.63	334.32	-8.63	-334.26	40°07'34.225"N	109°40'50.123"W	0.31	
4008.00	1.100	209.800	3980.61	335.18	-10.02	-335.11	40°07'34.211"N	109°40'50.134"W	0.07	
4094.00	0.700	194.000	4066.60	335.73	-11.25	-335.65	40°07'34.199"N	109°40'50.141"W	0.54	
4179.00	1.000	148.500	4151.60	335.48	-12.39	-335.39	40°07'34.188"N	109°40'50.138"W	0.84	
4265.00	0.900	158.800	4237.58	334.85	-13.66	-334.75	40°07'34.175"N	109°40'50.129"W	0.23	
4350.00	1.100	175.000	4322.57	334.55	-15.09	-334.44	40°07'34.161"N	109°40'50.125"W	0.41	

Actual Wellpath Report

Three Rivers 16-12T-820 AWP

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Area	Three Rivers	Well	Three Rivers 16-12T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-12T-820 AWB
Facility	Sec.16-T8S-R20E		

WELLPATH DATA (74 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4436.00	1.100	197.100	4408.56	334.73	-16.70	-334.61	40°07'34.145"N	109°40'50.128"W	0.49	
4521.00	0.900	195.400	4493.54	335.16	-18.13	-335.03	40°07'34.131"N	109°40'50.133"W	0.24	
4630.00†	1.090	199.466	4602.53	335.75	-19.93	-335.60	40°07'34.113"N	109°40'50.140"W	0.19	Lower Green River
4652.00†	1.129	200.120	4624.52	335.89	-20.33	-335.74	40°07'34.109"N	109°40'50.142"W	0.19	Top of Production
4692.00	1.200	201.200	4664.51	336.19	-21.09	-336.03	40°07'34.102"N	109°40'50.146"W	0.19	
4777.00	1.300	188.100	4749.49	336.66	-22.87	-336.49	40°07'34.084"N	109°40'50.152"W	0.36	
4863.00	1.500	181.600	4835.47	336.85	-24.96	-336.66	40°07'34.063"N	109°40'50.154"W	0.30	
4948.00	1.500	191.700	4920.44	337.12	-27.17	-336.91	40°07'34.042"N	109°40'50.157"W	0.31	
5034.00	1.900	192.500	5006.40	337.68	-29.66	-337.45	40°07'34.017"N	109°40'50.164"W	0.47	
5119.00	1.800	179.100	5091.36	337.98	-32.37	-337.73	40°07'33.990"N	109°40'50.168"W	0.52	
5204.00	1.800	192.000	5176.32	338.26	-35.01	-337.99	40°07'33.964"N	109°40'50.171"W	0.48	
5290.00	1.500	177.000	5262.28	338.50	-37.46	-338.21	40°07'33.940"N	109°40'50.174"W	0.61	
5375.00	2.000	181.200	5347.24	338.49	-40.05	-338.19	40°07'33.914"N	109°40'50.174"W	0.61	
5461.00	1.700	187.400	5433.20	338.71	-42.82	-338.38	40°07'33.887"N	109°40'50.176"W	0.42	
5546.00	1.600	172.700	5518.16	338.74	-45.24	-338.39	40°07'33.863"N	109°40'50.176"W	0.51	
5632.00	1.800	169.100	5604.12	338.36	-47.76	-337.99	40°07'33.838"N	109°40'50.171"W	0.26	
5717.00	1.800	172.300	5689.08	337.95	-50.39	-337.55	40°07'33.812"N	109°40'50.165"W	0.12	
5802.00	1.700	170.900	5774.04	337.59	-52.96	-337.18	40°07'33.787"N	109°40'50.161"W	0.13	
5888.00	1.200	172.500	5860.01	337.29	-55.11	-336.86	40°07'33.765"N	109°40'50.156"W	0.58	
5973.00	1.500	163.400	5944.99	336.87	-57.06	-336.42	40°07'33.746"N	109°40'50.151"W	0.43	
6059.00	1.700	180.800	6030.96	336.58	-59.42	-336.12	40°07'33.723"N	109°40'50.147"W	0.61	
6144.00	1.600	170.400	6115.92	336.42	-61.85	-335.94	40°07'33.699"N	109°40'50.145"W	0.37	
6229.00	1.700	168.500	6200.89	335.99	-64.25	-335.49	40°07'33.675"N	109°40'50.139"W	0.13	
6315.00	1.800	167.300	6286.85	335.46	-66.82	-334.94	40°07'33.650"N	109°40'50.132"W	0.12	
6400.00	1.800	166.400	6371.80	334.87	-69.42	-334.33	40°07'33.624"N	109°40'50.124"W	0.03	
6432.00†	1.647	169.300	6403.79	334.68	-70.36	-334.13	40°07'33.615"N	109°40'50.121"W	0.55	Wasatch
6486.00	1.400	175.600	6457.77	334.49	-71.78	-333.93	40°07'33.601"N	109°40'50.119"W	0.55	
6490.00	1.700	177.900	6461.77	334.49	-71.89	-333.93	40°07'33.600"N	109°40'50.119"W	7.66	End of Surveys
6540.00	1.700	177.900	6511.75	334.45	-73.37	-333.87	40°07'33.585"N	109°40'50.118"W	0.00	Projection to Bit (BHL)

Actual Wellpath Report

Three Rivers 16-12T-820 AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-12T-820 (1296' FNL & 983' FWL)
Area	Three Rivers	Well	Three Rivers 16-12T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-12T-820 AWB
Facility	Sec.16-T8S-R20E		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Target Box 400' X 400' Center @ 1340' FNL & 660' FWL		3401.00	-50.59	-324.70	2149139.11	7219815.53	40°07'33.810"N	109°40'50.000"W	polygon
Three Rivers 16-12T-820 Driller's Target Radius: 5' 1292' FNL & 665' FWL		3401.00	-2.56	-320.70	2149142.13	7219863.63	40°07'34.285"N	109°40'49.948"W	circle
Three Rivers 16-12T-820 Target On Plat Radius: 50' 1340' FNL & 660' FWL		3401.00	-50.59	-324.70	2149139.11	7219815.53	40°07'33.810"N	109°40'50.000"W	circle

WELLPATH COMPOSITION - Ref Wellbore: Three Rivers 16-12T-820 AWB Ref Wellpath: Three Rivers 16-12T-820 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	120.00	Unknown Tool (Standard)	Conductor	Three Rivers 16-12T-820 AWB
120.00	1000.00	Unknown Tool (Standard)	Surface	Three Rivers 16-12T-820 AWB
1000.00	6490.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers 16-12T-820 AWB
6490.00	6540.00	Blind Drilling (std)	Projection to bit	Three Rivers 16-12T-820 AWB

Actual Wellpath Report

Three Rivers 16-12T-820 AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-12T-820 (1296' FNL & 983' FWL)
Area	Three Rivers	Well	Three Rivers 16-12T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-12T-820 AWB
Facility	Sec.16-T8S-R20E		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
2569.00	10.378	270.068	2550.76	Top Green River
3889.00	1.053	217.874	3861.64	Mahogany
4630.00	1.090	199.466	4602.53	Lower Green River
4652.00	1.129	200.120	4624.52	Top of Production
6432.00	1.647	169.300	6403.79	Wasatch
6490.00	1.700	177.900	6461.77	End of Surveys
6540.00	1.700	177.900	6511.75	Projection to Bit (BHL)

ULTRA RESOURCES, INC.
DAILY COMPLETION REPORT FOR 07/09/2014 TO 07/19/2014

Well Name	THREE RIVERS 16-12T-820	Fracs Planned	7
Location:	UINTAH County, UTAH(NWNW 16 8S 20E)	AFE#	140869
Total Depth Date:	06/28/2014 TD 6,540	Formation:	(Missing)
Production Casing:	Size 5 1/2 Wt 17 Grade J-55 Set At 6,522	GL:	KB: 4,793

Date: 07/09/2014			
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Duncan		
Work Objective:	Logging		
Contractors:	J-W		
Completion Rig:	J-W	Supervisor Phone:	435-828-1472
Upcoming Activity:	Completion		
Activities			
2100-0000	MIRU JW WLU, run 4.65" gauge ring fr/surface to 6496'. POH w/gauge ring. Run CBL/GR/CCL fr/6475' to surface. TOC @ 1750'. RDMO WLU.		
Costs ($):	Daily: 0	Cum: 0	AFE: 1,004,000

Date: 07/10/2014			
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Fletcher		
Work Objective:	Prep for frac work		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	3036459812
Upcoming Activity:	Completion		
Costs ($):	Daily: 4,400	Cum: 4,400	AFE: 1,004,000

Date: 07/11/2014			
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Duncan		
Work Objective:	Prep for frac work		
Contractors:	Knight, BC.		
Completion Rig:	(Missing)	Supervisor Phone:	435-828-1472
Upcoming Activity:	Completion		
Activities			
0600-0800	MINU Knight 5K BOP.		
Costs ($):	Daily: 0	Cum: 4,400	AFE: 1,004,000

Date: 07/12/2014			
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Krause		
Work Objective:	Pressure test		
Contractors:	RBS, RNI, R&R		
Completion Rig:	(Missing)	Supervisor Phone:	307-231-2070
Upcoming Activity:	Perforating		
Activities			
1000-1100	MIRU RBS Test Unit, and test csg, WH, Flow back lines, and BOP to 4,250 psig, good test. RDMO Testers.		
Costs ($):	Daily: 4,585	Cum: 8,985	AFE: 1,004,000

Date: 07/13/2014			
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Duncan		
Work Objective:	Perforating		
Contractors:	J-W		
Completion Rig:	J-W	Supervisor Phone:	435-828-1472
Upcoming Activity:	Perf, Frac, and Flowback		
Activities			
0815-0915	Perforate stage 1.		
Costs ($):	Daily: 15,908	Cum: 24,893	AFE: 1,004,000

Date: 07/14/2014			
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Hutchinson/Scott		
Work Objective:	Perf, Frac, and Flowback	SSE:	3
Contractors:	Hal-Frac,JW,R&R,Target,Sunrise,RNI		
Completion Rig:	HAL RED T4, J-W	Supervisor Phone:	307-354-6007/307-350-8487
Upcoming Activity:	Perf, Frac, and Flowback		
Activities			
0615-0630	Safety meeting with Vendors. WH, WL perforating, & crane operations, PPE, chemical handling, location conditions, stepping, handling & lifting, slips, trips & falls, pinch points, traffic control, backing, land guides, incident reporting , spill containment , JSA's and Muster area.		
0630-0740	Wait to frac TR_16-11T-820.		
0740-0925	Frac stage 1.		
0925-1120	Perforate stage 2 (6166-6273). Set 5.5 FTFP @ 6293'.		
1120-1121	Shut operations down Wait on orders.		
Costs ($):	Daily: 1,500	Cum: 26,393	AFE: 1,004,000

Date:	07/15/2014		
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Hutchinson/Scott		
Work Objective:	Perf, Frac, and Flowback	SSE:	3
Contractors:	HES, R&R, J-W, RNI, Sunrise, Target		
Completion Rig:	Hal, HAL RED T4	Supervisor Phone:	307-354-6007/307-350-8487
Upcoming Activity:	Perf, Frac, and Flowback		
Activities			
0930-1000	Safety meeting with Vendors. WH, WL perforating, & crane operations, PPE, chemical handling, location conditions, stepping, handling & lifting, slips, trips & falls, pinch points, traffic control, backing, land guides, incident reporting , spill containment , JSA's and Muster area.		
1000-1120	Wait to frac the TR_16-11T-820.		
1120-1245	Frac stage 2.		
1245-1350	Perforate stage 3 (5943-6136). Set 5.5" FTFP @ 6156'.		
1350-1530	Frac stage 3.		
1530-1630	Perforate stage 4 (5664-5919). Set 5.5" FTFP @ 5939'.		
1630-1720	Wait to frac the TR_16-11T-820.		
1720-1820	Work on Frac pumps.		
1820-1830	Unable to get adequate rate to start acid (4000 psi @ 5.4 bpm.) Consult with Denver, will re-perforate stage 4.		
1830-1915	Prepare guns to re-perforate.		
1915-1945	Re-perforate stage 4 (5663-5920) Note: tagged sand at 5922'.		
1945-2040	Wait to frac TR16-11T-820.		
2040-2230	Frac stage 4.		
2230-2320	Perforate stage 5 (5395-5628) Set 5.5" FTFP at 5651'.		
2320-0030	Wait to frac TR16-11T-820.		
Costs ($):	Daily: 12,106	Cum: 38,499	AFE: 1,004,000

Date:	07/16/2014		
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Stringham/Scott		
Work Objective:	Perf, Frac, and Flowback		
Contractors:	R&R,JW-WL,HAL-FRAC,ETS,IPS		
Completion Rig:	HAL RED T4, IPS CT 2", J-W	Supervisor Phone:	435.790.2326/307.350.8487
Upcoming Activity:	Drill out plug		
Activities			
2320-0030	Wait to frac TR16-11T-820.		
0030-0105	Swap out chemical trucks.		
0105-0235	Wait to off load sand.		
0235-0420	Frac stage 5.		
0420-0510	Perforate stage 6 (4860-5149) Set 5.5" FTFP at 5173'.		
0510-0615	Wait to frac TR16-11T-820.		
0615-0730	Frac stage 6.		
0730-0830	Perforate stage 7 (4652-4824). Set 5.5" FTFP @ 4844'.		
0830-1000	Frac stage 7.		
1000-1100	SICP = 1230#, Rig down frac lines to well.		
1100-1101	Wait on coil unit.		
2000-2015	IPS Arrive On Location HSM,JSA		
2015-2155	MIRU IPS CTU NU. lub. Fill coil with water. Install coil connect. Pull test to 25,000# & pressure test to 3000 psi. Break lubricator off 7-1/16" BOP. Used ETS BHA as follows: Coil Connector, Bi-Directional jar, MHA Dual Check Valves, 3/4" Ball Seat (back pressure valve) Hydraulic Disconnect, motor and 5 blade 4.625" mill. Reconnect lubricator. Function test motor.		
2155-2200	Pressure test to 3000 psi. Open rams, 950 psi well pressure.		
2200-2235	RIH with mill and motor to plug @ 4844'. (Coil depth 4850').		
2235-2250	Drill plug @ 4850' (700) PSI.		
2250-2305	Pump a 10 bbl gel sweep. RIH to plug @ 5173'. Tag sand at 5103', wash sand to plug. (Coil depth 5175').		
2305-2330	Drill Plug @ 5175' (750) PSI.		
2330-2345	Pump a 10 bbl gel sweep. RIH to plug @ 5651'. Tag sand at 5501', wash sand to plug. (Coil depth 5651').		
2345-0005	Drill Plug @ 5651' (700)PSI.		
Costs ($):	Daily: 424,905	Cum: 463,404	AFE: 1,004,000

Date:	07/17/2014		
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"	PBTD:	
Supervisor:	Stringham/Scott		
Work Objective:	Drill out plug	SSE:	2
Contractors:	IPS,R&R,ETS,RNI		
Completion Rig:	IPS CT 2"	Supervisor Phone:	4357902326/3073508487
Upcoming Activity:	Flow test well		
Activities			
2345-0005	Drill Plug @ 5651' (700)PSI.		
0005-0035	Pump a 20 bbl gel sweep. RIH to plug @ 5939'. Tag sand at 5789', wash sand to plug. (Coil depth 5939').		
0035-0050	Drill Plug @ 5939' (700) PSI.		
0050-0105	Pump a 10 bbl gel sweep. RIH to plug @ 6156'. Tag sand at 6066', wash sand to plug. (Coil depth 6156').		
0105-0125	Drill Plug @ 6156' (650) PSI.		
0125-0130	Pump a 10 bbl gel sweep. RIH to plug @ 6293'. (Coil depth 6292').		
0130-0140	Drill Plug @ 6292' (650) PSI.		
0140-0330	RIH to PBTD @ 6521'. Pump 20 bbl gel sweep, 10 bbl water spacer & 20 bbl gel sweep. Coil PBTD @ 6515'. Make 500' short trip and retag PBTD. POOH @ 50 ft/min for 30 min and then continue POOH. Close Bottom ram, SICP 650 PSI.		
0330-0400	Bleed off stack. ND. stack and swing to TR_16-11T-820.		
0400-0401	Hand well over to flow testers, open well on 15/64 choke. IP 750 PSI.		
Costs ($):	Daily: 37,129	Cum: 500,533	AFE: 1,004,000

Date:	07/18/2014				
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"			PBTD:	
Supervisor:	Stringham/Duncan				
Work Objective:	Flow test well				
Contractors:	R&R,RNI				
Completion Rig:	(Missing)			Supervisor Phone:	4357902326/4358281472
Upcoming Activity:	Turned over to Production Dept				
Costs ($):	Daily: 42,205	Cum: 542,738		AFE:	1,004,000

Date:	07/19/2014				
Tubing:	OD: 2.875" ID: Joints: 143" Depth Set: 4,555"			PBTD:	
Supervisor:	Fletcher				
Work Objective:	Turned over to Production Dept				
Contractors:	(Missing)				
Completion Rig:	(Missing)			Supervisor Phone:	3036459812
Upcoming Activity:					
Costs ($):	Daily: 0	Cum: 542,738		AFE:	1,004,000

ULTRA RESOURCES, INC.
PERFORATION AND FRAC SUMMARY FOR THREE RIVERS 16-12T-820

Well Name:	THREE RIVERS 16-12T-820	Fracs Planned:	7
Location:	UINTAH County, UTAH (NWNW 016 8S 20E)		

Stage 1 — Initial Completion

Frac Date:	07/14/2014	Avg Rate:	44.0 BPM	Avg Pressure:	2,189 PSI
Proppant:	110,707 lbs total 110707 lbs Ottawa	Max Rate:	65.0 BPM	Max Pressure:	4,804 PSI
Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:	
PreFrac SICP:		ISIP:	2,001 PSI	Base BBLS to Recover:	3,478 BBLs
Pseudo Frac Gradient:	0.744 PSI/FT	Pseudo Frac Gradient:	14.313 LB/GAL		
		Net Pressure:	557 psi	Total BBLS to Recover:	3,478 BBLs
Breakdown Pressure:	2156	Breakdown Rate:	3.8	Perfs Open:	
ScreenOut:	No	Tracer:	(None)		

Zones:	Perf Date	SPF	Perf Interval: From	To
12	07/13/2014	3	6,294	6,295
11	07/13/2014	3	6,308	6,309
10	07/13/2014	3	6,322	6,323
9	07/13/2014	3	6,329	6,330
8	07/13/2014	3	6,341	6,342
7	07/13/2014	3	6,363	6,364
6	07/13/2014	3	6,370	6,371
5	07/13/2014	3	6,376	6,377
4	07/13/2014	3	6,391	6,392
3	07/13/2014	3	6,404	6,405
2	07/13/2014	3	6,415	6,416
1	07/13/2014	3	6,422	6,424

Stage 2 — Initial Completion

Frac Date:	07/15/2014	Avg Rate:	51.0 BPM	Avg Pressure:	2,435 PSI
Proppant:	155,127 lbs total 155127 lbs Ottawa	Max Rate:	61.0 BPM	Max Pressure:	3,139 PSI
Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:	
PreFrac SICP:		ISIP:	1,634 PSI	Base BBLS to Recover:	4,812 BBLs
Pseudo Frac Gradient:	0.693 PSI/FT	Pseudo Frac Gradient:	13.332 LB/GAL		
		Net Pressure:	457 psi	Total BBLS to Recover:	4,812 BBLs
Breakdown Pressure:	1339	Breakdown Rate:	4.1	Perfs Open:	
ScreenOut:	No	Tracer:	(None)		

Zones:	Perf Date	SPF	Perf Interval: From	To
11	07/14/2014	3	6,166	6,167
10	07/14/2014	3	6,176	6,177
9	07/14/2014	3	6,184	6,185
8	07/14/2014	3	6,193	6,194
7	07/14/2014	3	6,200	6,201
6	07/14/2014	3	6,218	6,219
5	07/14/2014	3	6,231	6,232
4	07/14/2014	3	6,242	6,243
3	07/14/2014	3	6,252	6,253
2	07/14/2014	3	6,261	6,262
1	07/14/2014	3	6,270	6,273

Stage 3 — Initial Completion

Frac Date:	07/15/2014	Avg Rate:	50.0 BPM	Avg Pressure:	1,956 PSI
Proppant:	153,040 lbs total 153040 lbs Ottawa	Max Rate:	61.0 BPM	Max Pressure:	3,443 PSI
Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:	
PreFrac SICP:		ISIP:	1,477 PSI	Base BBLS to Recover:	4,720 BBLs
Pseudo Frac Gradient:	0.674 PSI/FT	Pseudo Frac Gradient:	12.952 LB/GAL		
		Net Pressure:	287 psi	Total BBLS to Recover:	4,720 BBLs
Breakdown Pressure:	878	Breakdown Rate:	5.4	Perfs Open:	
ScreenOut:	No	Tracer:	(None)		

Zones:	Perf Date	SPF	Perf Interval: From	To
12	07/15/2014	3	5,943	5,944
11	07/15/2014	3	5,955	5,956
10	07/15/2014	3	5,964	5,965
9	07/15/2014	3	5,979	5,980
8	07/15/2014	3	5,999	6,000
7	07/15/2014	3	6,015	6,016
6	07/15/2014	3	6,030	6,031
5	07/15/2014	3	6,047	6,048
4	07/15/2014	3	6,079	6,080
3	07/15/2014	3	6,104	6,105
2	07/15/2014	3	6,118	6,119
1	07/15/2014	3	6,134	6,136

Stage 4	Frac Date:	07/15/2014	Avg Rate:	51.0 BPM	Avg Pressure:	2,158 PSI	
Initial Completion	Proppant:	208,497 lbs total 208497 lbs Ottawa	Max Rate:	61.0 BPM	Max Pressure:	3,504 PSI	
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:		
	PreFrac SICP:		ISIP:	1,654 PSI	Base BBLS to Recover:	5,662 BBLs	
	Pseudo Frac Gradient:	0.712 PSI/FT	Pseudo Frac Gradient:	13.696 LB/GAL			
			Net Pressure:	409 psi	Total BBLS to Recover:	5,662 BBLs	
	Breakdown Pressure:	2097	Breakdown Rate:	7.5	Perfs Open:		
	ScreenOut:	No	Tracer:	(None)			

Zones:	Perf Date	SPF	Perf Interval: From	To
13	07/15/2014	3	5,663	5,665
12	07/15/2014	3	5,680	5,682
11	07/15/2014	3	5,701	5,703
10	07/15/2014	3	5,733	5,735
9	07/15/2014	3	5,752	5,754
8	07/15/2014	3	5,763	5,765
7	07/15/2014	3	5,774	5,776
6	07/15/2014	3	5,792	5,794
5	07/15/2014	3	5,812	5,814
4	07/15/2014	3	5,855	5,857
3	07/15/2014	3	5,874	5,876
2	07/15/2014	3	5,893	5,895
1	07/15/2014	3	5,918	5,920

Stage 5	Frac Date:	07/16/2014	Avg Rate:	47.0 BPM	Avg Pressure:	2,802 PSI	
Initial Completion	Proppant:	176,843 lbs total 176843 lbs Ottawa	Max Rate:	60.0 BPM	Max Pressure:	3,607 PSI	
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:		
	PreFrac SICP:		ISIP:	2,039 PSI	Base BBLS to Recover:	4,813 BBLs	
	Pseudo Frac Gradient:	0.795 PSI/FT	Pseudo Frac Gradient:	15.290 LB/GAL			
			Net Pressure:	348 psi	Total BBLS to Recover:	4,813 BBLs	
	Breakdown Pressure:	2456	Breakdown Rate:	10.3	Perfs Open:		
	ScreenOut:	No	Tracer:	(None)			

Zones:	Perf Date	SPF	Perf Interval: From	To
12	07/15/2014	3	5,395	5,396
11	07/15/2014	3	5,408	5,409
10	07/15/2014	3	5,433	5,434
9	07/15/2014	3	5,439	5,440
8	07/15/2014	3	5,471	5,472
7	07/15/2014	3	5,489	5,490
6	07/15/2014	3	5,495	5,496
5	07/15/2014	3	5,519	5,520
4	07/15/2014	3	5,540	5,541
3	07/15/2014	3	5,571	5,572
2	07/15/2014	3	5,590	5,591
1	07/15/2014	3	5,626	5,628

Stage 6	Frac Date:	07/16/2014	Avg Rate:	47.0 BPM	Avg Pressure:	2,184 PSI	
Initial Completion	Proppant:	120,382 lbs total 120382 lbs Ottawa	Max Rate:	46.0 BPM	Max Pressure:	3,763 PSI	
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:		
	PreFrac SICP:		ISIP:	1,230 PSI	Base BBLS to Recover:	3,352 BBLs	
	Pseudo Frac Gradient:	0.672 PSI/FT	Pseudo Frac Gradient:	12.917 LB/GAL			
			Net Pressure:	-676 psi	Total BBLS to Recover:	3,352 BBLs	
	Breakdown Pressure:	1386	Breakdown Rate:	1.5	Perfs Open:		
	ScreenOut:	No	Tracer:	(None)			

Zones:	Perf Date	SPF	Perf Interval: From	To
12	07/16/2014	3	4,860	4,861
11	07/16/2014	3	4,868	4,869
10	07/16/2014	3	4,897	4,898
9	07/16/2014	3	4,919	4,920
8	07/16/2014	3	4,943	4,944
7	07/16/2014	3	4,985	4,986
6	07/16/2014	3	5,000	5,001
5	07/16/2014	3	5,066	5,067
4	07/16/2014	3	5,099	5,100
3	07/16/2014	3	5,107	5,108
2	07/16/2014	3	5,111	5,112
1	07/16/2014	3	5,147	5,149

Stage 7	Frac Date:	07/16/2014	Avg Rate:	50.0 BPM	Avg Pressure:	1,734 PSI	
Initial Completion	Proppant:	148,871 lbs total 148871 lbs Ottawa	Max Rate:	61.0 BPM	Max Pressure:	2,605 PSI	
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:		
	PreFrac SICP:		ISIP:	1,234 PSI	Base BBLS to Recover:	4,044 BBLs	
	Pseudo Frac Gradient:	0.689 PSI/FT	Pseudo Frac Gradient:	13.242 LB/GAL			
			Net Pressure:	105 psi	Total BBLS to Recover:	4,044 BBLs	
	Breakdown Pressure:	1044	Breakdown Rate:	2.2	Perfs Open:		
	ScreenOut:	No	Tracer:	(None)			

Zones:	Perf Date	SPF	Perf Interval: From	To
12	07/16/2014	3	4,652	4,653
11	07/16/2014	3	4,659	4,660
10	07/16/2014	3	4,667	4,668
9	07/16/2014	3	4,678	4,679
8	07/16/2014	3	4,690	4,691
7	07/16/2014	3	4,699	4,700
6	07/16/2014	3	4,720	4,721
5	07/16/2014	3	4,730	4,731
4	07/16/2014	3	4,740	4,741
3	07/16/2014	3	4,777	4,778
2	07/16/2014	3	4,786	4,787
1	07/16/2014	3	4,822	4,824

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/14/2014
Job End Date:	7/16/2014
State:	Utah
County:	Uintah
API Number:	43-047-54353-00-00
Operator Name:	Ultra Resources
Well Name and Number:	Three River 16-12T-820
Longitude:	-109.67923000
Latitude:	40.12613000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	7,500
Total Base Water Volume (gal):	1,289,655
Total Base Non Water Volume:	0

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Fresh Water	7732-18-5	100.00000	90.23830	Density = 8.330
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	8.93014	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.00000	0.15788	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.04885	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02443	
			Naphthalene	91-20-3	5.00000	0.00407	
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00407	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00081	
WG-35 GELLING AGENT	Halliburton	Gelling Agent					
			Guar gum	9000-30-0	100.00000	0.03935	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.02293	

			Ethylene glycol	107-21-1	30.00000	0.01147	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.02959	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
MC MX 2-2822	Multi-Chem	Scale Inhibitor					
			Phosphonate of a Diamine, Sodium Salt	Proprietary	30.00000	0.01203	
			Methyl Alcohol	67-56-1	30.00000	0.01203	Density = 8.76
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
			Acetic anhydride	108-24-7	100.00000	0.00527	
			Acetic acid	64-19-7	60.00000	0.00316	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.00841	
MC B-8614	Multi-Chem	Biocide					
			Glutaraldehyde	111-30-8	30.00000	0.00562	
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5.00000	0.00094	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00227	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00068	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00180	
HAI-404M™	Halliburton	Corrosion Inhibitor					
			Isopropanol	67-63-0	30.00000	0.00029	
			Methanol	67-56-1	30.00000	0.00029	
			Aldehyde	Confidential	30.00000	0.00029	
			1-(Benzyl)quinolinium chloride	15619-48-4	10.00000	0.00010	
			Quaternary ammonium salt	Confidential	10.00000	0.00010	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Ingredient(s)					
			Water	7732-18-5		0.63520	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02443	
		Other Ingredient(s)					
			Polyacrylamide copolymer	Confidential		0.00841	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.00814	
		Other Ingredient(s)					
			Sodium chloride	7647-14-5		0.00387	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00247	

		Other Ingredient(s)					
			Modified bentonite	Confidential		0.00197	
		Other Ingredient(s)					
			Alcohols, C12-16, ethoxylated	68551-12-2		0.00150	
		Other Ingredient(s)					
			Ammonium chloride	12125-02-9		0.00140	
		Other Ingredient(s)					
			Fatty acid tall oil amide	Confidential		0.00140	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00068	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00049	
		Other Ingredient(s)					
			Silica, amorphous - fumed	7631-86-9		0.00039	
		Other Ingredient(s)					
			Ethoxylated nonylphenol	Confidential		0.00039	
		Other Ingredient(s)					
			Naphthenic acid ethoxylate	68410-62-8		0.00029	
		Other Ingredient(s)					
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0.00028	
		Other Ingredient(s)					
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		0.00028	
		Other Ingredient(s)					
			Enzyme	Confidential		0.00011	
		Other Ingredient(s)					
			Polyethoxylated fatty amine salt	61791-26-2		0.00010	
		Other Ingredient(s)					
			Fatty acids, tall oil	Confidential		0.00010	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00005	
		Other Ingredient(s)					
			Ethoxylated amine	Confidential		0.00005	
		Other Ingredient(s)					
			Crystalline silica, quartz	14808-60-7		0.00004	
		Other Ingredient(s)					
			Methanol	67-56-1		0.00003	
		Other Ingredient(s)					
			C.I. Pigment Red 5	6410-41-9		0.00002	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00002	

		Other Ingredient(s)					
			Ammonium phosphate	7722-76-1		0.00001	
		Other Ingredient(s)					
			Sodium iodide	7681-82-5		0.00001	
		Other Ingredient(s)					
			Phosphoric Acid	7664-38-2		0.00000	
		Other Ingredient(s)					
			Sodium sulfate	7757-82-6		0.00000	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

Well Name: Three Rivers 16-12T-820 | 1 | MV/Lance

Date, Time & SO: 07/14/14 | 7:53 AM | 901504254

Top & Bottom Perfs: 6294 TO 6405.0

Mid-Perf: 6359 **BHST:** 144 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	6	0:00:39	FR Water	271	0	3.3	9.5	1288	2188	0	0.00	0.00				0	1.00	0.50				0.50	0.20
2	0 PPG	29	0:02:52	15 % HCL Acid	1207	0	10.8	11.0	1979	2192	1868						0							
3	0 PPG	1023	0:17:03	FR Water	42965	0	22.9	63.3	1300	4804	0						0	1.00	0.50	0.59			0.50	0.20
4	0.35 PPG White Sand	1414	0:23:34	FR Water	58376	19,264	60.3	60.5	2390	2476	2358	0.33	0.36				0	1.00	0.50	0.59			0.50	0.20
5	0.35 PPG White Sand	122	0:02:02	FR Water	5040	1,709	60.3	60.3	2418	2444	2407	0.34	0.35				0	1.00	0.50	2.00			0.50	0.20
6	0.35 PPG White Sand	121	0:02:01	FR Water	5003	1,866	60.6	60.9	2519	2688	2444	0.37	0.38	25.00	1.80		0	1.00	0.50	0.25	1.00	0.50	0.50	0.20
7	0 PPG	0	0:00:00	Delta 140	0	0											0							0.20
8	2 PPG White Sand	345	0:05:45	Delta 140	13195	27,485	60.1	60.8	2579	2699	2499	2.08	2.23	18.00	1.80		0	1.00	0.50	0.25	1.00	0.50		0.20
9	4 PPG White Sand	214	0:03:34	Delta 140	7516	29,636	59.9	60.1	2515	2595	2420	3.94	4.14	18.00	1.80		0	1.00	0.50	0.25	1.00	0.50		0.20
10	6 PPG White Sand	200	0:03:20	Delta 140	6477	31,491	59.8	64.5	2437	2536	2183	4.86	6.01	18.00	1.20		0	0.80	0.50		0.60	0.30		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	143	0:02:23	FR Water	6019	0	41.2	60.8	2462	2953	1500	0.00	0.00					1.00	0.50				0.50	0.20
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	
													Calculated Amt	614.46	54.06	0.00	0.00	143.57	72.43	76.30	29.60	14.80	58.84	28.97
													Actual Amt	841.00	53.70			143.40	71.70	75.50	29.70	14.70	59.20	28.70
													Percent Variance	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
													Strap Amt	641.00	55.00			145.00	74.00	75.00	30.00	15.00	60.00	30.00
													Percent Variance	4.3%	0.0%	0.0%	0.0%	1.0%	2.2%	-1.7%	0.0%	0.0%	2.0%	3.5%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	3617	
Pump Time (Min)	1:03:13	
Clean Fluid (gal)	146069	
Proppant (lb)	119263	
Avg Rate	43.9	BPM
Avg Corrected Rate	48.4	BPM
Max Rate	64.5	BPM
Average Prop Con	2.0	
Average Pressure	2188.7	PSI
Maximum Pressure	4804.0	PSI

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 110,030 Lbs

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	110,030	Lbs

Variance 0.0%

MB Vari	SS Vari	Dens Vari	SC Vari
1.3%	-0.3%	0.6%	1.5%

Inital Annulus Pressure	0.0	PSI
Final Annulus Pressure	0.0	PSI
Average Annulus Pressure	0.0	PSI
Change in Annulus Pressure	0.0	PSI

BREAKDOWN INFORMATION:

Base Fluid:	8.32	PPG		
Wellhead Pressure:	0	PSI		
Broke Back:	2156	PSI	@ 3.8	BPM
Pressure (Prop at Perfs)	2411	PSI	@ 60.3	BPM
Initial ISIP:		PSI		
ISDP:	2001	PSI	@ 0.747	PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
845	1078	79.9

COMMENTS:

HES Engineer: ***Chelsey Hughes***
Co. Rep: Jeff Scott
Crew: RED C
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Discovered a leak on wellhead in stage 3. Came offline to fix leak.

Sundry Number: 54550 API Well Number: 43047543530000

Well Name: Three Rivers 16-12T-820 | 2 | MV/Lance

Date, Time & SO: 07/15/14 | 11:21 AM | 901503742

Top & Bottom Perfs: 6166 TO 6262.0

Mid-Perf: 6220 **BHST:** 142 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Liquid Additives Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	9	0:00:55	FR Water	383	0	3.7	9.0	1232	1666	551	0.00	0.00				0	1.00	0.50				0.50	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.4	31.9	1559	1666	1451						0							
3	0 PPG	1417	0:23:37	FR Water	59503	0	59.4	60.9	2204	3139	1474						0	1.00	0.50	0.41			0.50	0.20
4	0.35 PPG White Sand	2082	0:34:42	FR Water	85984	27,945	60.4	60.6	2238	2790	2051	0.33	0.36				0	1.00	0.50	0.41			0.50	0.20
5	0.35 PPG White Sand	122	0:02:02	FR Water	5044	1,649	60.2	60.2	3003	3039	2790	0.33	0.33				0	1.00	0.50	2.00			0.50	0.20
6	0.35 PPG White Sand	122	0:02:02	FR Water	5041	1,658	60.2	60.4	3006	3033	2987	0.33	0.34	8.00	1.80		0	1.00	0.50	0.25	1.00	0.50	0.50	0.20
7	0 PPG	11	0:00:11	Delta 140	453	158	60.5	60.7	3001	3002	3000	0.35	0.35	18.00	1.80		0	1.00	0.50	0.25	1.00	0.50		0.20
8	2 PPG White Sand	484	0:08:04	Delta 140	18505	36,751	60.1	60.8	2899	3004	2786	1.99	2.11	18.00	1.80		0	1.00	0.50	0.25	1.00	0.50		0.20
9	4 PPG White Sand	299	0:04:59	Delta 140	10516	40,466	59.8	60.2	2598	2792	2448	3.85	4.00	18.00	1.80		0	1.00	0.50	0.25	1.00	0.50		0.20
10	6 PPG White Sand	294	0:04:54	Delta 140	9551	48,643	59.9	60.4	2364	2496	2018	5.09	5.90	18.00	1.30		0	1.00	0.50		0.70	0.35		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	146	0:02:26	FR Water	6120	0	61.0	61.0	2684	2996	2262	0.00	0.00					1.00	0.50				0.50	0.20
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	
													Calculated Amt	742.78	74.54	0.00	0.00	201.10	100.55	78.37	41.20	20.60	81.04	40.22
													Actual Amt	767.00	75.10			200.60	100.40	77.60	41.70	20.80	80.80	40.42
													Percent Variance	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
													Strap Amt	765.00	73.00			213.50	93.50	73.00	42.00	20.00	92.00	45.00
													Percent Variance	3.0%	-2.1%	0.0%	0.0%	6.2%	-7.0%	-6.8%	0.0%	0.0%	13.5%	11.9%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	5010
Pump Time (Min)	1:26.15
Clean Fluid (gal)	202100
Proppant (lb)	170004

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 154,470 Lbs

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	154,470	Lbs

Variance 0.0%

MB Vari	SS Vari	Dens Vari	SC Vari
1.8%	4.3%	0.4%	0.4%

Avg Rate	50.5	BPM
Avg Corrected Rate	55.2	BPM
Max Rate	61.0	BPM
Average Prop Con	1.8	
Average Pressure	2435.3	PSI
Maximum Pressure	3139.0	PSI

Inital Annulus Pressure	0.0	PSI
Final Annulus Pressure	0.0	PSI
Average Annulus Pressure	0.0	PSI
Change in Annulus Pressure	0.0	PSI

COMMENTS:

HES Engineer: *Ugoma Achebe*
Co. Rep: Jeff Scott
Crew: RED C
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Started gel about 2000 gal left in stage 6;

BREAKDOWN INFORMATION:

Base Fluid:	8.16	PPG			
Wellhead Pressure:	551	PSI			
Broke Back:	1339	PSI	@	4.1	BPM
Pressure (Prop at Perfs)	2053	PSI	@	60.4	BPM
Initial ISIP:		PSI			
ISDP:	1634	PSI	@	0.687	PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
1080	847	76.4

Sundry Number: 54550 API Well Number: 43047543530000

Well Name: Three Rivers 16-12T-820 | 3 | MV/Lance

HALLIBURTON

Date, Time & SO: 07/15/14 | 2:03 PM | 901503742
Top & Bottom Perfs: 5943 TO 6105.0
Mid-Perf: 6040 **BHST:** 140 °F

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Liquid Additives Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	12	0:01:10	FR Water	493	0	3.0	9.7	818	909	760	0.00	0.00				1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.7	32.3	1048	1196	909												
3	0 PPG	1398	0:23:18	FR Water	58731	0	59.9	60.9	2316	3443	1196						1.00	0.50	0.42			0.30	0.20
4	0.35 PPG White Sand	2050	0:34:10	FR Water	84661	27,430	60.5	60.7	2072	2176	1991	0.32	0.35				1.00	0.50	0.42			0.30	0.20
5	0.35 PPG White Sand	121	0:02:01	FR Water	5002	1,726	60.4	60.5	2210	2290	2166	0.35	0.35				1.00	0.50	2.00			0.30	0.20
6	0.35 PPG White Sand	121	0:02:01	FR Water	5003	1,866	60.8	61.0	2321	2355	2289	0.37	0.35	17.00	1.78		1.00	0.50	0.25	1.00	0.50	0.30	0.20
7	0 PPG	2	0:00:02	Delta 140	68	27	60.9	60.9	2351	2351	2351	0.40	0.39	18.00	1.80		1.00	0.50	0.25	1.00	0.50		0.20
8	2 PPG White Sand	478	0:07:58	Delta 140	18273	38,976	60.2	60.9	2216	2216	2352	2.13	2.28	18.00	1.80		1.00	0.50	0.25	1.00	0.50		0.20
9	4 PPG White Sand	295	0:04:55	Delta 140	10373	41,616	58.8	60.3	2047	2047	2226	4.01	4.19	18.00	1.80		1.00	0.50	0.25	1.00	0.50		0.20
10	6 PPG White Sand	271	0:04:31	Delta 140	8805	44,175	57.7	60.4	1853	1853	2164	5.02	6.01	14.00	1.40		1.00	0.50		0.80	0.40		0.20
						0																	
						0																	
						0																	
						0																	
						0																	
11	Flush	139	0:02:19	FR Water	5823	0	58.6	58.7	2269	2593	1843	0.00	0.00				1.00	0.50				0.30	0.20
						0																	
	Growler @ Flush	57			2400	0								50.00			0.00					0.00	
													Calculated Amt	725.18	72.92	0.00	197.23	98.62	78.66	40.76	20.38	47.91	39.45
													Actual Amt	703.00	72.00		196.60	98.30	78.50	39.80	19.90	48.10	39.30
													Percent Variance	-3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
													Strap Amt	719.00	73.00		198.00	95.00	87.00	40.00	20.00	41.00	40.50
													Percent Variance	-0.9%	0.0%	0.0%	0.0%	-3.7%	10.6%	0.0%	0.0%	-14.4%	2.7%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	4911
Pump Time (Min)	1:24:49
Clean Fluid (gal)	198232
Proppant (lb)	164001

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 152,352 Lbs

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	152,352	Lbs

Variance 0.0%

MB Vari	SS Vari	Dens Vari	SC Vari
2.3%	0.9%	0.5%	0.6%

Avg Rate	50.1	BPM
Avg Corrected Rate	54.9	BPM
Max Rate	61.0	BPM
Average Prop Con	1.8	
Average Pressure	1956.4	PSI
Maximum Pressure	3443.0	PSI

Inital Annulus Pressure	0.0	PSI
Final Annulus Pressure	0.0	PSI
Average Annulus Pressure	0.0	PSI
Change in Annulus Pressure	0.0	PSI

COMMENTS:

HES Engineer: ***Ugoma Achebe***
Co. Rep: Jeff Scott
Crew: RED C
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Lost some rate in stage 9

BREAKDOWN INFORMATION:

Base Fluid:	8.16	PPG		
Wellhead Pressure:	760	PSI		
Broke Back:	878	PSI	@ 5.4	BPM
Pressure (Prop at Perfs)	2040	PSI	@ 60.5	BPM
Initial ISIP:		PSI		
ISDP:	1477	PSI	@ 0.669	PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
1081	848	76.4

Sundry Number: 54550 API Well Number: 43047543530000

Well Name: Three Rivers 16-12T-820 | 4 | MV/Lance

HALLIBURTON

Date, Time & SO: 07/15/14 | 6:20 PM | 901503742
Top & Bottom Perfs: 5664 TO 5857.0
Mid-Perf: 5792 **BHST:** 136 °F

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Liquid Additives: Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	59	0:05:54	FR Water	2480	0	6.2	12.1	1741	2214	770	0.00	0.00				0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	17.3	49.0	2307	3502	1872	0.00	0.00				0							
3	0 PPG	1576	0:26:16	FR Water	66178	0	59.9	60.6	2248	3504	2109	0.00	0.00				0	1.00	0.50	0.35			0.30	0.20
4	0.5 PPG White Sand	2585	0:43:05	FR Water	105973	53,940	60.4	60.7	2133	2261	1971	0.51	0.54				0	1.00	0.50	0.35			0.30	0.20
5	0.5 PPG White Sand	124	0:02:04	FR Water	5065	2,649	60.6	60.6	2266	2282	2252	0.52	0.54				0	1.00	0.50	2.00			0.30	0.20
6	0.5 PPG White Sand	122	0:02:02	FR Water	5011	2,631	60.6	61.0	2296	2334	2266	0.53	0.54	8.00	0.80		0	1.00	0.50	0.25			0.30	0.20
7	0 PPG	6	0:00:06	Delta 140	246	0	60.9	61.0	2332	2333	2332	0.00	0.00	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
8	2 PPG White Sand	596	0:09:56	Delta 140	22806	44,380	60.6	61.1	2303	2486	2218	1.95	2.06	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	369	0:06:09	Delta 140	12975	50,590	60.3	60.6	2019	2234	1678	3.90	4.06	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	324	0:05:24	Delta 140	10532	56,051	60.5	61.0	1857	1944	1789	5.32	6.12	16.00	1.15		0	1.00	0.50		1.00	1.00		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	132	0:02:12	FR Water	5527	0	51.0	60.7	2239	2743	1364	0.00	0.00					1.00	0.50				0.30	0.20
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	
													Calculated Amt	785.03	73.76	0.00	0.00	236.79	118.40	80.64	46.56	46.56	57.07	47.36
													Actual Amt	790.00	74.30			234.00	117.00	80.00	46.30	46.40	56.00	46.90
													Percent Variance	0.6%	0.0%	0.0%	0.0%	-1.2%	-1.2%	0.0%	0.0%	0.0%	-1.9%	0.0%
													Strap Amt	782.00	67.00			231.00	118.00	73.00	45.00	50.00	49.00	48.00
													Percent Variance	-0.4%	-9.2%	0.0%	0.0%	-2.4%	0.0%	-9.5%	-3.3%	7.4%	-14.1%	0.0%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	5917	
Pump Time (Min)	1:45:31	
Clean Fluid (gal)	237793	
Proppant (lb)	218729	
Avg Rate	50.7	BPM
Avg Corrected Rate	55.2	BPM
Max Rate	61.1	BPM
Average Prop Con	1.4	
Average Pressure	2158.3	PSI
Maximum Pressure	3504.0	PSI

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 207,002 Lbs

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	207,002	Lbs

Variance 0.0%

MB Vari	SS Vari	Dens Vari	SC Vari
1.6%	0.8%	0.7%	0.7%

Initial Annulus Pressure	0.0	PSI
Final Annulus Pressure	0.0	PSI
Average Annulus Pressure	0.0	PSI
Change in Annulus Pressure	0.0	PSI

BREAKDOWN INFORMATION:

Base Fluid:	8.15	PPG			
Wellhead Pressure:	2179	PSI			
Broke Back:	2097	PSI	@	7.5	BPM
Pressure (Prop at Perfs)	2060	PSI	@	60.4	BPM
Initial ISIP:		PSI			
ISDP:	1654	PSI	@	0.709	PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
1085	852	80.2

COMMENTS:

HES Engineer: *Paul McLean*
Co. Rep: Andy Hutchinson
Crew: RED B
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Could not get rate, shut down, to reshoot perfs
Back on well at 20:39

Sundry Number: 54550 API Well Number: 43047543530000

Well Name: Three Rivers 16-12T-820 | 5 | MV/Lance

Date, Time & SO: 07/16/14 | 2:39 AM | 901503742
Top & Bottom Perfs: 5395 TO 5572.0
Mid-Perf: 5512 **BHST:** 133 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	6	0:00:34	FR Water	235	0	4.8	10.5	1754	2456	1129	0.00	0.00				0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.4	35.5	1941	2246	1703	0.00	0.00				0							
3	0 PPG	1301	0:21:41	FR Water	54643	0	58.1	60.4	2632	3607	1738	0.00	0.00				0	1.00	0.50	0.43			0.32	0.20
4	0.5 PPG White Sand	2113	0:35:13	FR Water	86641	43,321	60.3	60.5	2742	3050	2414	0.50	0.52				0	1.00	0.50	0.43			0.40	0.20
5	0.5 PPG White Sand	123	0:02:03	FR Water	5042	2,546	60.4	60.4	3061	3128	3038	0.51	0.52				0	1.00	0.50	2.00			0.40	0.20
6	0.5 PPG White Sand	123	0:02:03	FR Water	5059	2,661	55.8	60.4	3158	3307	3051	0.53	0.55	8.00	0.80		0	1.00	0.50	0.25			0.40	0.20
7	0 PPG	31	0:00:31	Delta 140	1312	373	56.4	56.7	3221	3228	3211	0.28	0.51	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
8	2 PPG White Sand	573	0:09:33	Delta 140	21909	42,328	55.1	56.8	3292	3399	3204	1.93	2.07	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	308	0:05:08	Delta 140	10801	42,394	53.6	53.5	3097	3250	3000	3.93	4.16	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	313	0:05:13	Delta 140	10166	43,185	56.5	54.1	2922	3050	2692	4.25	6.13	11.50	1.15		0	1.00	0.50		1.00	1.00		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	125	0:02:05	FR Water	5254	0	44.6	54.2	2999	3462	1859	0.00	0.00					1.00	0.50				0.40	0.20
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	
													Calculated Amt	701.73	70.17	0.00	0.00	201.06	100.53	80.61	44.19	44.19	58.35	40.21
													Actual Amt	695.00	71.10			201.00	100.50	79.90	44.20	44.30	59.30	40.20
													Percent Variance	-1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
													Strap Amt	687.00	71.00			214.00	104.00	79.00	45.00	45.00	53.00	38.00
													Percent Variance	-2.1%	0.0%	0.0%	0.0%	6.4%	3.5%	-2.0%	0.0%	0.0%	-9.2%	-5.5%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	5040
Pump Time (Min)	1:26:27
Clean Fluid (gal)	202062
Proppant (lb)	196389

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 172,502 Lbs

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	172,502	Lbs

Variance 0.0%

MB Vari	SS Vari	Dens Vari	SC Vari
2.5%	8.2%	2.5%	2.5%

Avg Rate	46.9	BPM
Avg Corrected Rate	51.1	BPM
Max Rate	60.5	BPM
Average Prop Con	1.3	
Average Pressure	2801.7	PSI
Maximum Pressure	3607.0	PSI

Inital Annulus Pressure	0.0	PSI
Final Annulus Pressure	0.0	PSI
Average Annulus Pressure	0.0	PSI
Change in Annulus Pressure	0.0	PSI

BREAKDOWN INFORMATION:

Base Fluid:	8.15	PPG		
Wellhead Pressure:	1131	PSI		
Broke Back:	2456	PSI	@ 10.3	BPM
Pressure (Prop at Perfs)	2452	PSI	@ 60.2	BPM
Initial ISIP:		PSI		
ISDP:	2039	PSI	@ 0.794	PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
1088	855	84.3

COMMENTS:

HES Engineer: *Paul McLean*
Co. Rep: Andy Hutchinson
Crew: RED B

Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Dropped truck in Stage 6, brought back online shortly
Dropped rate in Stage 8 per CoRep due to high pressure
Extended Stage 8 per CoRep

Sundry Number: 54550 API Well Number: 43047543530000

Sundry Number: 54550 API Well Number: 43047543530000

Well Name: Three Rivers 16-12T-820 | 6 | MV/Lance

Date, Time & SO: 07/16/14 | 6:27 AM | 901503742

Top & Bottom Perfs: 4860 TO 5108.0

Mid-Perf: 5005 **BHST:** 126 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	26	0:02:35	FR Water	1085	0	2.4	5.7	1483	2016	599	0.00	0.00				0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.3	32.0	2103	2552	1743						0							
3	0 PPG	907	0:15:07	FR Water	38093	0	55.0	60.8	2850	3763	2406						0	1.00	0.50	0.63			0.30	0.20
4	0.5 PPG White Sand	1391	0:23:11	FR Water	57013	37,743	60.5	60.7	2503	2581	2313	0.66	0.69				0	1.00	0.50	0.63			0.30	0.20
5	0.5 PPG White Sand	123	0:02:03	FR Water	5035	3,348	60.6	60.6	2311	2338	2286	0.67	0.69				0	1.00	0.50	2.00			0.30	0.20
6	0.5 PPG White Sand	121	0:02:01	FR Water	4968	3,175	60.7	60.8	2290	2310	2262	0.64	0.66	15.00	1.50		0	1.00	0.50	0.25	0.90	0.90	0.30	0.20
7	0 PPG	0	0:00:00	Delta 140	0	0									0.00									
8	2 PPG White Sand	345	0:05:45	Delta 140	13196	29,559	60.5	60.8	2219	2272	2177	2.24	2.40	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	259	0:04:19	Delta 140	9086	15,346	45.5	60.9	1746	2498	1091	1.69	4.53	8.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	202	0:03:22	Delta 140	6561	33,651	59.9	64.2	2112	2498	1856	5.13	6.45	12.00	1.20		0	1.00	0.50		0.76	0.76		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	113	0:01:53	FR Water	4735	0	54.1	60.3	2219	2522	2013	0.00	0.00					1.00	0.50				0.30	0.20
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	
													Calculated Amt	437.08	50.98	0.00	0.00	139.77	69.89	76.80	31.74	31.74	33.28	27.95
													Actual Amt	439.00	50.10			138.80	69.30	76.50	31.20	31.30	32.80	27.70
													Percent Variance	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
													Strap Amt	425.00	0.00			138.00	66.00	74.50	31.00	31.00	32.00	31.00
													Percent Variance	-2.8%	-100.0%	0.0%	0.0%	-1.3%	-5.6%	-3.0%	0.0%	0.0%	-3.8%	10.9%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	3510
Pump Time (Min)	1:02:38
Clean Fluid (gal)	140772
Proppant (lb)	135610

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 119,598 Lbs

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	119,598	Lbs

Variance 0.0%

MB Vari	SS Vari	Dens Vari	SC Vari
2.7%	-9.7%	0.7%	0.9%

Avg Rate	46.9	BPM
Avg Corrected Rate	51.9	BPM
Max Rate	64.2	BPM
Average Prop Con	1.8	
Average Pressure	2183.6	PSI
Maximum Pressure	3763.0	PSI

Inital Annulus Pressure	0.0	PSI
Final Annulus Pressure	0.0	PSI
Average Annulus Pressure	0.0	PSI
Change in Annulus Pressure	0.0	PSI

BREAKDOWN INFORMATION:

Base Fluid:	8.39	PPG		
Wellhead Pressure:	599	PSI		
Broke Back:	1386	PSI	@ 1.5	BPM
Pressure (Prop at Perfs)	2439	PSI	@ 60.5	BPM
Initial ISIP:		PSI		
ISDP:	1230	PSI	@ 0.682	PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
1089	856	73.3

COMMENTS:

HES Engineer: *Ugoma Achebe*
Co. Rep: Jeff Scott
Crew: RED C

Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
When we came online, the rate would not line out; we had to come offline to re-prime the trucks due to air bubbles in the line. Came back online.
IFS glitched and is not showing Bottom hole calculations.
Skipped stage 7; got crosslink in stage 6
In stage 9, LA 1 started dropping concentration, cut the sand screws. Lost the growler tub, the tub-fill valve sensor was not reading properly and closed the valve. Dropped rate while mixing tub.
Got crosslink and continued sand
In flush, had to take a truck offline due to leaking hose rubber, per co. rep. we didn't make it up with other trucks

Sundry Number: 54550 API Well Number: 43047543530000

Well Name: Three Rivers 16-12T-820 | 7 | MV/Lance

HALLIBURTON

Date, Time & SO: 07/16/14 | 8:51 AM | 901503742
Top & Bottom Perfs: 4652 TO 4778.0
Mid-Perf: 4738 **BHST:** 123 °F

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	24	0:02:25	FR Water	1017	0	4.3	9.9	1219	1519	914	0.00	0.00				0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	12.3	30.7	1249	1344	969						0							
3	0 PPG	1107	0:18:27	FR Water	46482	0	58.6	61.0	1875	2605	1039						0	1.00	0.50	0.50			0.30	0.20
4	0.5 PPG White Sand	1768	0:29:28	FR Water	72468	35,075	60.5	60.7	1836	1953	1749	0.48	0.49				0	1.00	0.50	0.50			0.30	0.20
5	0.5 PPG White Sand	123	0:02:03	FR Water	5028	2,368	60.5	60.5	1957	1967	1950	0.47	0.48				0	1.00	0.50	2.00			0.30	0.20
6	0.5 PPG White Sand	121	0:02:01	FR Water	4963	2,541	60.7	60.9	1961	1968	1952	0.51	0.54	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00	0.30	0.20
7	0 PPG	0	0:00:00	Delta 140	0	0								16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
8	2 PPG White Sand	423	0:07:03	Delta 140	16199	31,928	60.3	60.8	1714	1958	1895	1.97	2.08	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	263	0:04:23	Delta 140	9227	35,413	60.0	60.3	1609	1912	1744	3.84	4.05	16.00	1.60		0	1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	285	0:04:45	Delta 140	9239	45,216	60.2	61.3	1678	1765	1620	4.89	5.99	15.00	1.10		0	1.00	0.50		0.69	0.69		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	100	0:01:40	FR Water	4210	0	61.2	61.4	2041	2317	1680	0.00	0.00					1.00	0.50				0.30	0.20
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	
													Calculated Amt	624.81	58.79	0.00	0.00	168.83	84.42	77.13	36.76	36.76	40.25	33.77
													Actual Amt	649.00	59.00			167.90	84.00	77.00	36.60	36.70	41.80	33.60
													Percent Variance	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.8%	0.0%
													Strap Amt	667.00	56.50			168.00	89.00	73.00	36.00	35.00	40.50	36.50
													Percent Variance	6.8%	-3.9%	0.0%	0.0%	0.0%	5.4%	-5.4%	0.0%	-4.8%	0.0%	8.1%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	4237
Pump Time (Min)	1:14:37
Clean Fluid (gal)	169833
Proppant (lb)	165970

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 147,198 Lbs

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	147,198	Lbs

Variance 0.0%

MB Vari	SS Vari	Dens Vari	SC Vari
3.6%	3.3%	1.1%	0.7%

Avg Rate	49.9	BPM
Avg Corrected Rate	54.9	BPM
Max Rate	61.4	BPM
Average Prop Con	2.0	
Average Pressure	1733.9	PSI
Maximum Pressure	2605.0	PSI

Inital Annulus Pressure	0.0	PSI
Final Annulus Pressure	0.0	PSI
Average Annulus Pressure	0.0	PSI
Change in Annulus Pressure	0.0	PSI

BREAKDOWN INFORMATION:

Base Fluid:	8.40	PPG			
Wellhead Pressure:	914	PSI			
Broke Back:	1044	PSI	@	2.1	BPM
Pressure (Prop at Perfs)	1796	PSI	@	60.5	BPM
Initial ISIP:		PSI			
ISDP:	1234	PSI	@	0.697	PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
1090	858	76.7

COMMENTS:

HES Engineer: *Ugoma Achebe*
Co. Rep: Jeff Scott
Crew: RED C
Equipment running well
Xlink samples look good
Good job by Crew
Flush to top perforation per Co Rep

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

FORM 6

ENTITY ACTION FORM

Operator: Ultra Petroleum Inc.

Operator Account Number: N 4045

Address: 116 Inverness Drive East Suite 400

city Denver

state CO zip 80112

Phone Number: (307) 367-5041

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
	Multiple Wells						Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
D	See List	19892				8/10/15	

Comments: Assign multiple wells to a new common entity number. List of wells attached.
TR16 CTB North

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
D	See List	19893				8/10/15	

Comments:
TR16 CTB South

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Jasmine Allison
Name (Please Print)

Jasmine Allison
Signature

Sr. Permitting Analyst
Title

8/6/2015
Date

(5/2000)

WellCode	WellName	API	Current Entity Number	QtrQtr	Section	Township	Range	County	SpudDate
TR16 CTB North									
TR16-11-820	THREE RIVERS 16-11-820	4304753474	19262	SWNW	16	8S	20E	UINTAH	28-Dec-13
TR16-11T-820	THREE RIVERS 16-11T-820	4304754352	19557	NWNW	16	8S	20E	UINTAH	29-Jun-14
TR16-12-820	THREE RIVERS 16-12-820	4304753475	19263	SWNW	16	8S	20E	UINTAH	06-Jan-14
TR16-12T-820	THREE RIVERS 16-12T-820	4304754353	19558	NWNW	16	8S	20E	UINTAH	23-Jun-14
TR16-21-820	THREE RIVERS 16-21-820	4304753229	19024	NENW	16	8S	20E	UINTAH	25-May-13
TR16-21T-820	THREE RIVERS 16-21T-820	4304754364	19578	SENW	16	8S	20E	UINTAH	30-Jul-14
TR16-22A-820	THREE RIVERS 16-22A-820	4304754365	19579	SENW	16	8S	20E	UINTAH	26-Jul-14
TR16-31-820	THREE RIVERS 16-31-820	4304753495	19269	NWNE	16	8S	20E	UINTAH	13-Jan-14
TR16-41-820	THREE RIVERS 16-41-820	4304752110	18356	NENE	16	8S	20E	UINTAH	31-Jan-12
TR16-42L-820	THREE RIVERS 16-42L-820	4304754269	19491	SENE	16	8S	20E	UINTAH	20-Jul-14
TR16-42T-820	THREE RIVERS 16-42T-820	4304754292	19471	NENE	16	8S	20E	UINTAH	06-May-14
TR16-44T-820	THREE RIVERS 16-44T-820	4304754356	19561	SENE	16	8S	20E	UINTAH	15-Jul-14
TR16 CTB South									
TR16-13T-820	THREE RIVERS 16-13T-820	4304754339	19492	NWSW	16	8S	20E	UINTAH	02-Jun-14
TR16-14T-820	THREE RIVERS 16-14T-820	4304754340	19493	NWSW	16	8S	20E	UINTAH	06-Jun-14
TR16-22-820	THREE RIVERS 16-22-820	4304753230	18961	NENW	16	8S	20E	UINTAH	31-May-13
TR16-23-820	THREE RIVERS 16-23-820	4304753231	19037	SESW	16	8S	20E	UINTAH	15-Jun-13
TR16-24-820	THREE RIVERS 16-24-820	4304753232	19038	SESW	16	8S	20E	UINTAH	08-Jun-13
TR16-26T-820	THREE RIVERS 16-26T-820	4304754351	19556	NESW	16	8S	20E	UINTAH	16-Jul-14
TR16-32-820	THREE RIVERS 16-32-820	4304753494	19185	SWNE	16	8S	20E	UINTAH	27-Sep-13
TR16-32T-820	THREE RIVERS 16-32T-820	4304754290	19470	NWNE	16	8S	20E	UINTAH	01-May-14
TR16-33-820	THREE RIVERS 16-33-820	4304753496	19161	SWNE	16	8S	20E	UINTAH	12-Nov-13
TR16-33T-820	THREE RIVERS 16-33T-820	4304754354	19559	NWSE	16	8S	20E	UINTAH	04-Jul-14
TR16-34-820	THREE RIVERS 16-34-820	4304753472	19278	SWSE	16	8S	20E	UINTAH	24-Jun-14
TR16-34T-820	THREE RIVERS 16-34T-820	4304754355	19560	NWSE	16	8S	20E	UINTAH	11-Jul-14
TR16-36T-820	THREE RIVERS 16-36T-820	4304754289	19529	SESE	16	8S	20E	UINTAH	16-Jun-14
TR16-43-820	THREE RIVERS 16-43-820	4304752057	18683	NESE	16	8S	20E	UINTAH	09-Aug-12
TR16-44-820	THREE RIVERS 16-44-820	4304753473	19268	SESE	16	8S	20E	UINTAH	19-Jun-14
TR16-46T-820	THREE RIVERS 16-46T-820	4304754348	19530	SESE	16	8S	20E	UINTAH	11-Jun-14

19892

19893