

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Three Rivers 32-48T-720					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT 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 #295, Englewood, CO, 80112						9. OPERATOR E-MAIL dghani@ultrapetroleum.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Jean Harrison Rogers						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-596-2676					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1285 Valentine Street, Salt Lake City, UT 84116						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		210 FNL 1450 FEL		NWNE	5	8.0 S	20.0 E	S			
Top of Uppermost Producing Zone		460 FSL 460 FEL		SESE	32	7.0 S	20.0 E	S			
At Total Depth		460 FSL 460 FEL		SESE	32	7.0 S	20.0 E	S			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 460			23. NUMBER OF ACRES IN DRILLING UNIT 40					
27. ELEVATION - GROUND LEVEL 4779			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 40			26. PROPOSED DEPTH MD: 7219 TVD: 7000					
			28. BOND NUMBER 022046398			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2262					
<b>Hole, Casing, and Cement Information</b>											
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 - 7219	17.0	J-55 LT&C	10.0	OTHER	225	3.54	11.0	
							OTHER	450	1.35	14.0	
<b>ATTACHMENTS</b>											
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Katherine Skinner				TITLE Permitting Assistant				PHONE 303 645-9872			
SIGNATURE				DATE 06/18/2014				EMAIL kskinner@ultrapetroleum.com			
API NUMBER ASSIGNED 43047545230000				APPROVAL   Permit Manager							

**ULTRA RESOURCES, INC.**

**MASTER**  
**8 - POINT DRILLING PROGRAM**

**Slim Hole Design**  
**8 5/8" Surface & 5 1/2" Production Casing Design**

**DATED: 06-06-14**

**Directional Wells located on Ultra leases in**  
**Three Rivers Project:**

**Three Rivers 32-48T-720**

**NWNE Sec 5-Lot 2-T8S-R20E**

**Uintah, Utah**

**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:** June 19, 2014

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	1,300.02 MD / 1,300 TVD	
Green River	3,063.32 MD / 2,970 TVD	
Mahogany	4,535.22 MD / 4,325 TVD	
Garden Gulch	5,133.98 MD / 4,915 TVD	Oil & Associated Gas
Lower Green River*	5,294.07 MD / 5,075 TVD	Oil & Associated Gas
Wasatch	7,019.07 MD / 6,800 TVD	Oil & Associated Gas
TD	7,219.07 MD / 7,000 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.

**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**

0 - 1,000' MD / 1,000' TVD  
1,000' MD / 1,000' TVD - 7,219.07 MD / 7,000 TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head  
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:**

<b>Directional Well</b>	<b>Hole Size</b>	<b>OD</b>	<b>Depth MD/TVD</b>	<b>Wt.</b>	<b>Grade &amp; Connection</b>	<b>Cond.</b>
<b>Surface</b>	11"	8 5/8"	1,000' MD / 1,000' TVD	24.0 ppf	J-55, LTC	New
<b>Production</b>	7 7/8"	5 1/2"	7,219.07 MD / 7,000 TVD	17.0 ppf	J-55, LTC	New

**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 1/2"	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 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 3<sup>rd</sup> joint to 500' into surface casing**4. Cementing Programs****CONDUCTOR (13 3/8")**

Ready Mix – Cement to surface

**SURFACE (8 5/8")**

Surface – 500'

Cement Top - Surface

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 1/2")**

500' - 4,000' TVD ±

Cement Top – 500'

Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' – 7,219.07 MD / 7,000 TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 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.

- 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 - 7,219.07 MD / 7,000 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.

## 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).

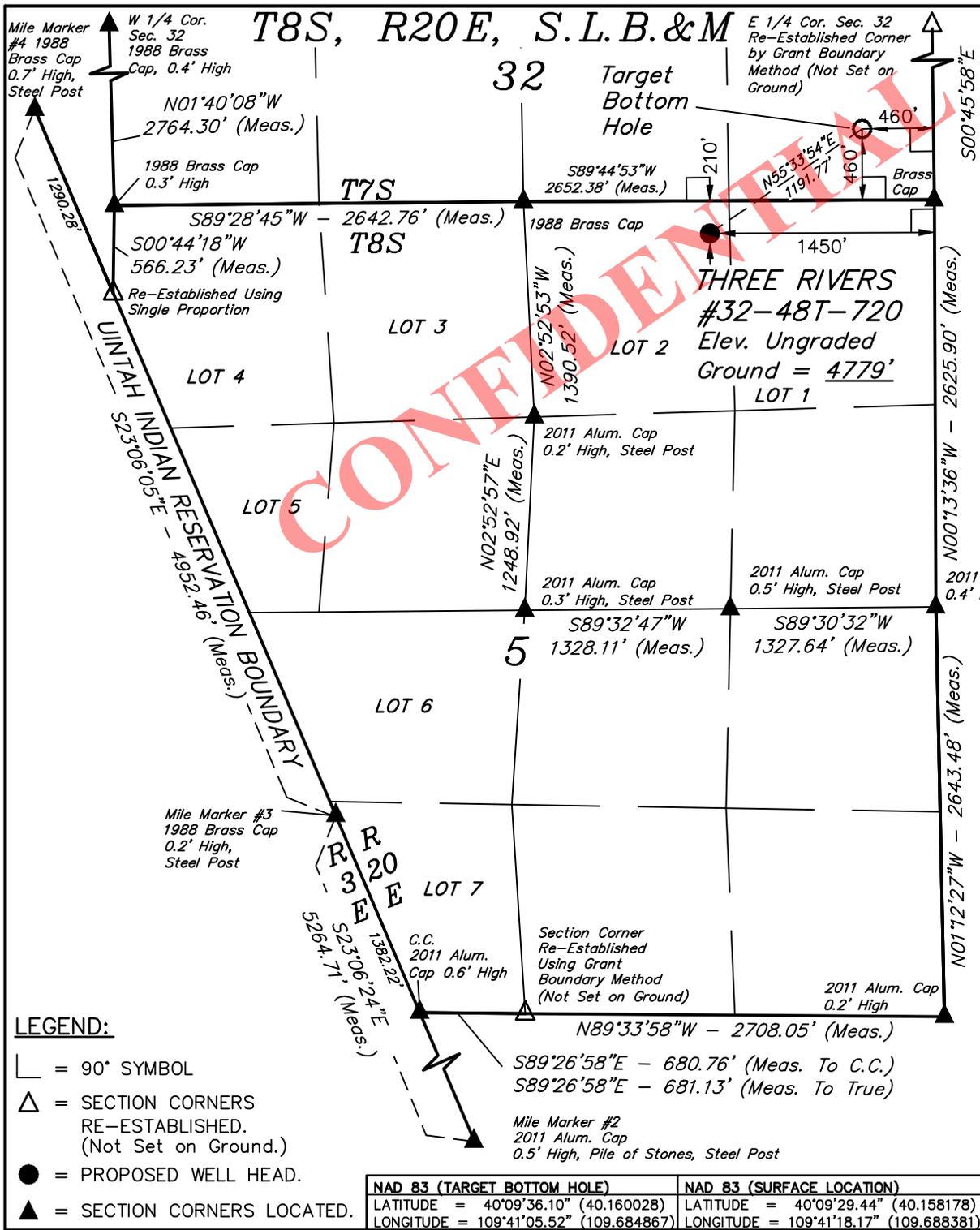
## 7. Anticipated Pressures and H.S.

- 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<sub>2</sub>S 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).

- 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](mailto:cctaylor@blm.gov) and [Blm\\_ut\\_vn\\_opreport@blm.gov](mailto: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.



**ULTRA RESOURCES, INC.**

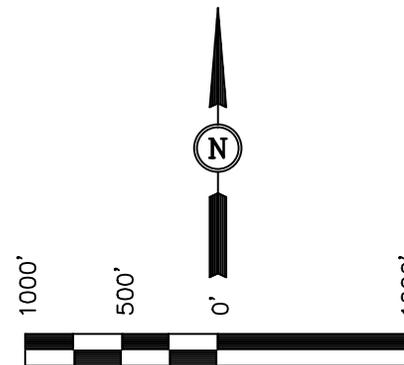
Well location, THREE RIVERS #32-48T-720, located as shown in LOT 2 of Section 5, T8S, R20E, S.L.B.&M., Uintah County, Utah.

**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.



**CERTIFICATE**

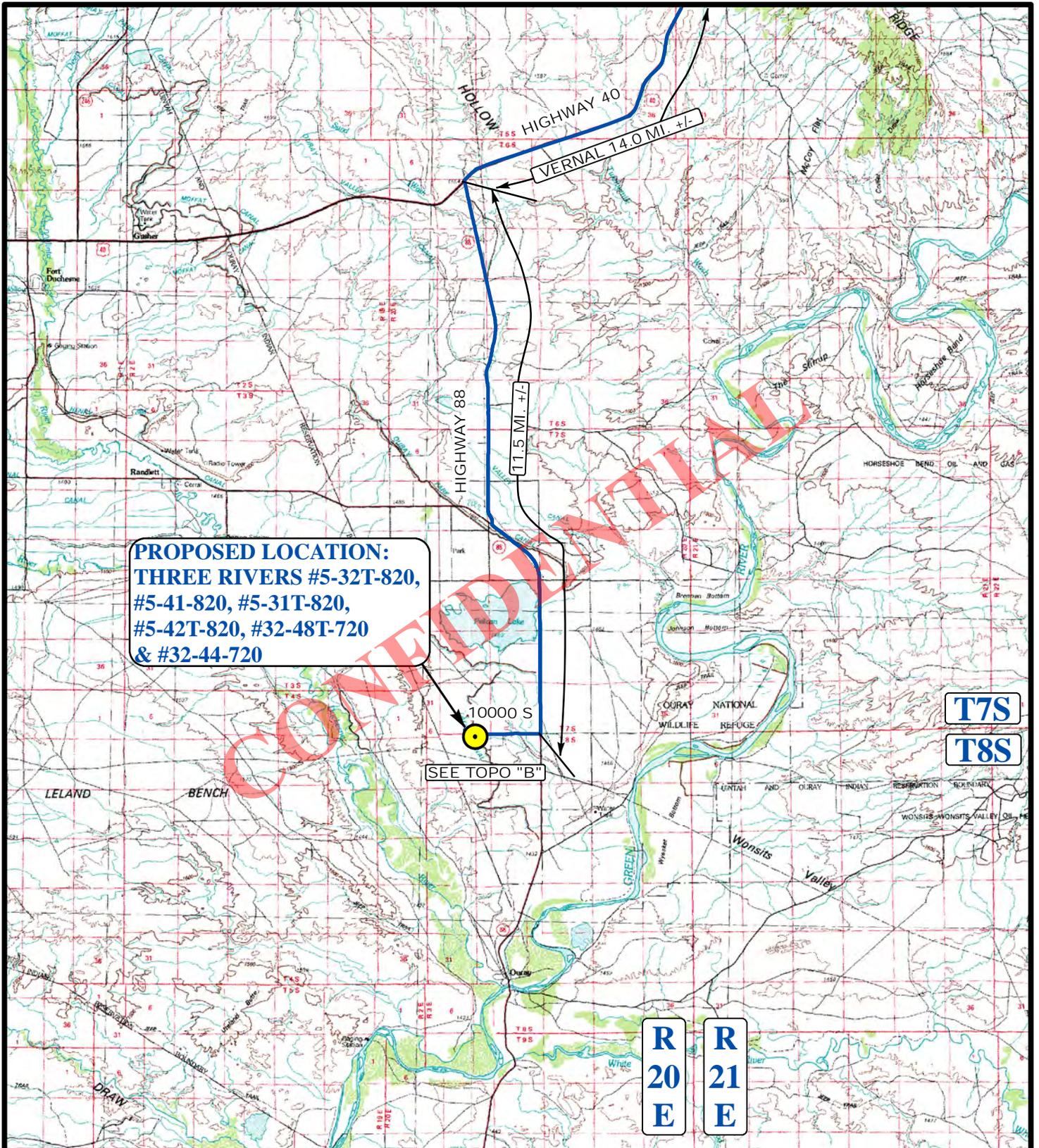
THIS IS TO CERTIFY THAT THE ABOVE PART WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



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

SCALE 1" = 1000'	DATE SURVEYED: 03-24-14	DATE DRAWN: 04-16-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ULTRA RESOURCES, INC.	

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°09'36.10" (40.160028)	LATITUDE = 40°09'29.44" (40.158178)
LONGITUDE = 109°41'05.52" (109.684867)	LONGITUDE = 109°41'18.17" (109.688381)



**LEGEND:**

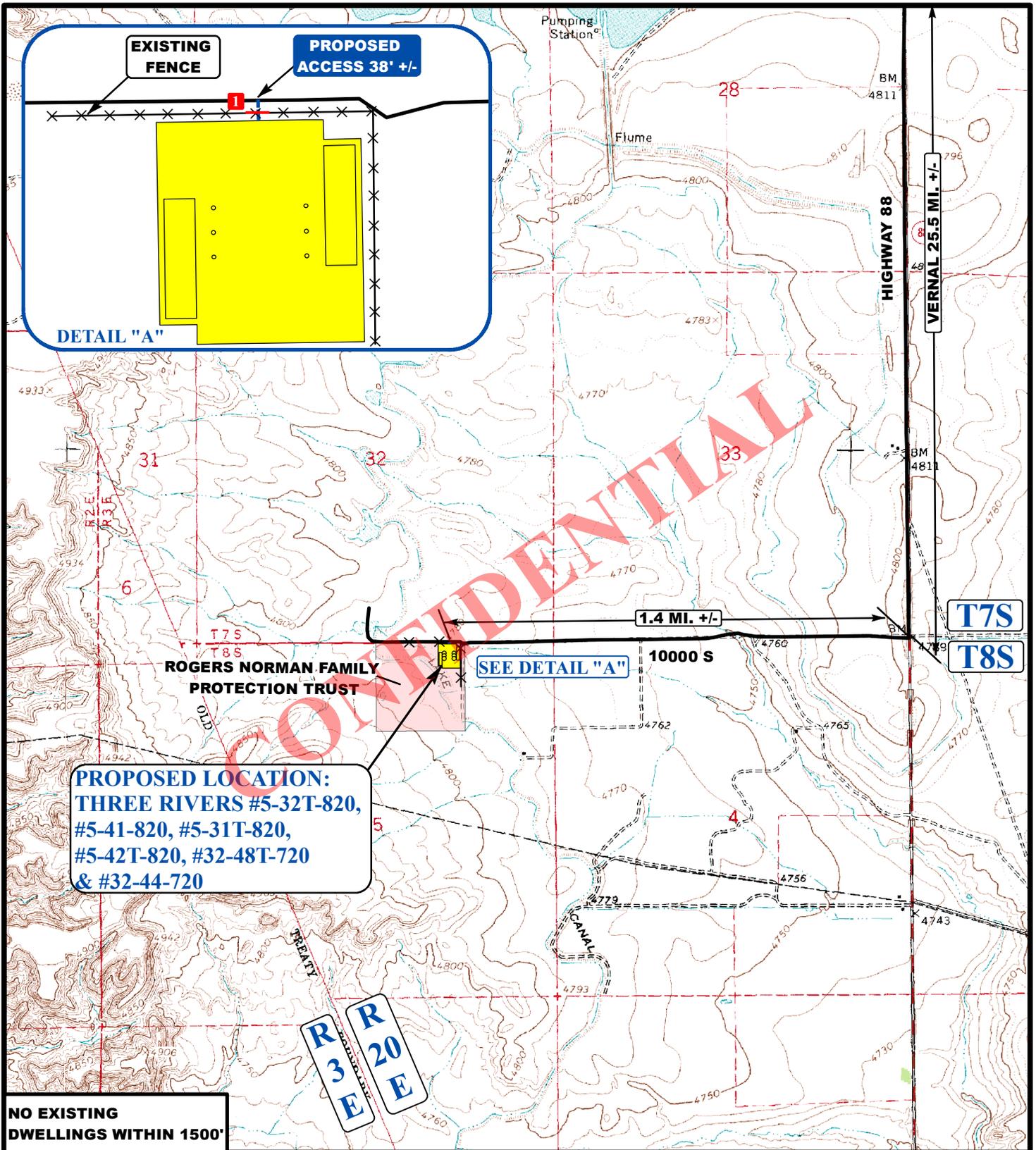
PROPOSED LOCATION

**ULTRA RESOURCES, INC.**

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
 #5-42T-820, #32-48T-720 & #32-44-720  
 SECTION 5, T8S, R20E, S.L.B.&M.  
 LOT 2

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

**ACCESS ROAD MAP** **04 03 14**  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: L.S. REV: 04-17-14 L.S. **ATOP**



**NO EXISTING DWELLINGS WITHIN 1500'**

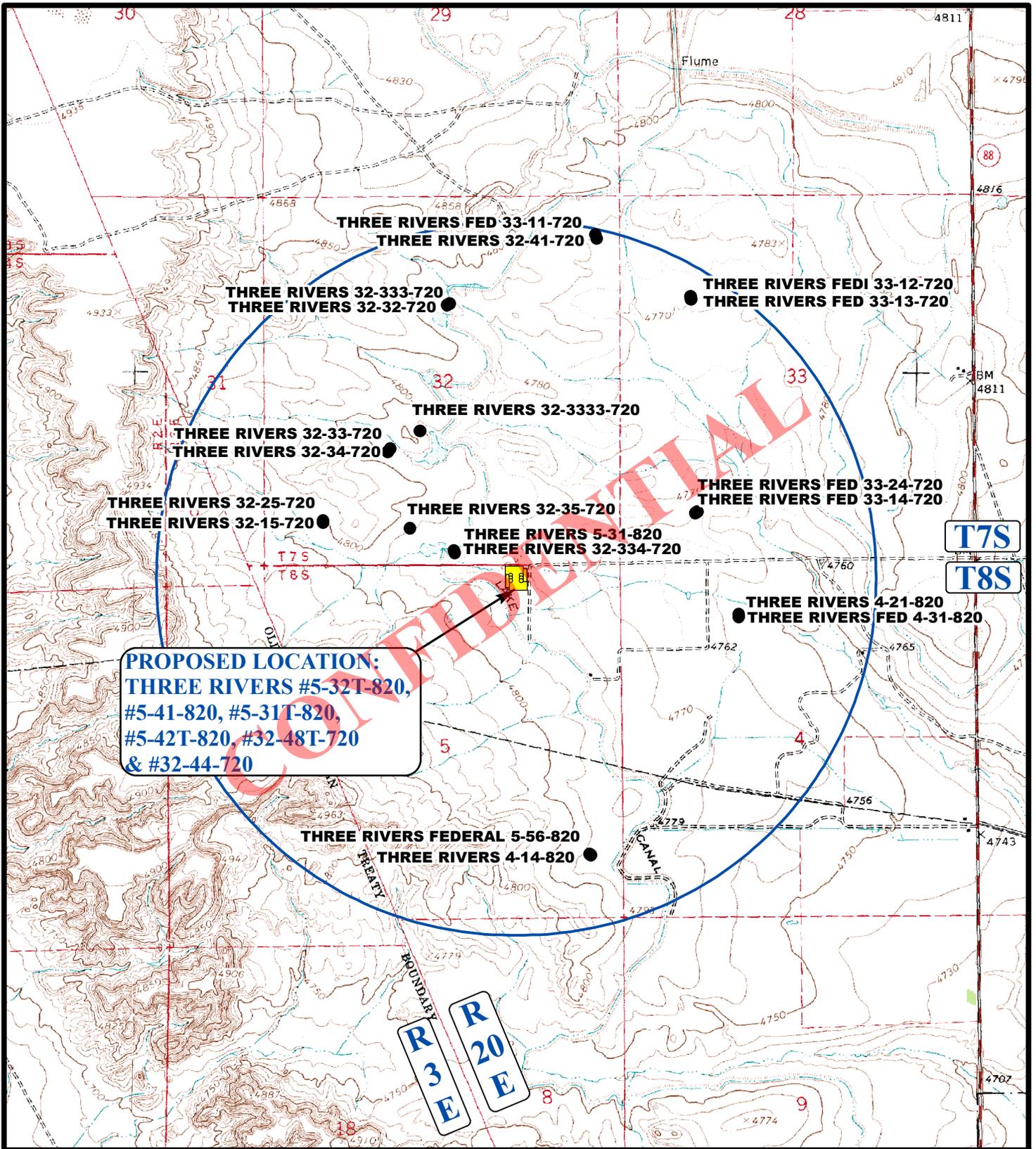
- LEGEND:**
- EXISTING ROADS
  - - - PROPOSED ACCESS ROAD
  - x x x x x EXISTING FENCE
  - INSTALL CATTLE GAUD

**U&L S** **Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
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**ULTRA RESOURCES, INC.**  
**THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820, #5-42T-820, #32-48T-720 & #32-44-720**  
**SECTION 5, T8S, R20E, S.L.B.&M. LOT 2**

**ACCESS ROAD MAP** **04 03 14**  
 MONTH DAY YEAR  
 SCALE: 1"= 2000' DRAWN BY: L.S. REV: 04-17-14 L.S. **B TOPO**



**PROPOSED LOCATION:**  
**THREE RIVERS #5-32T-820,**  
**#5-41-820, #5-31T-820,**  
**#5-42T-820, #32-48T-720**  
**& #32-44-720**

**LEGEND:**

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

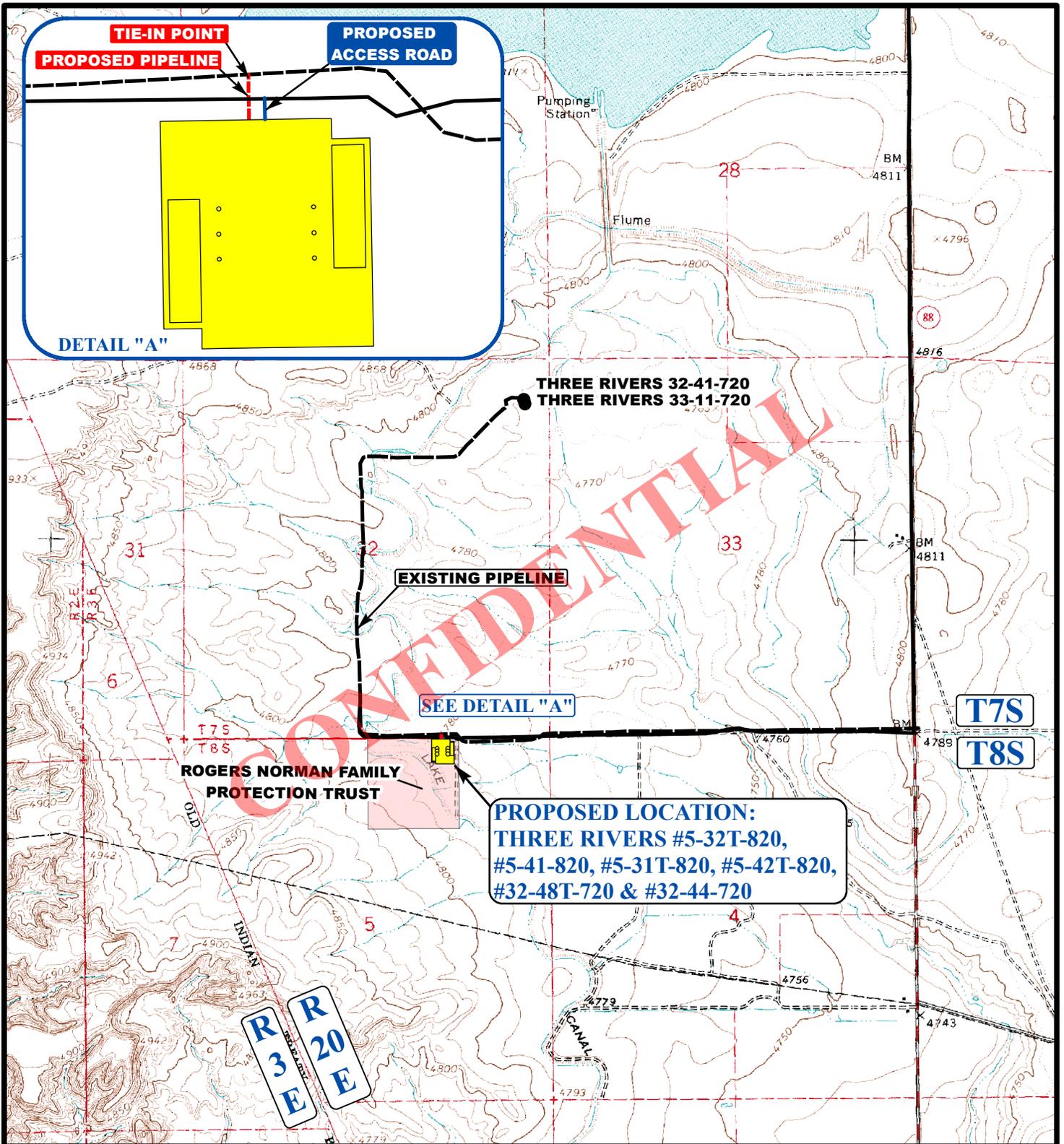
**ULTRA RESOURCES, INC.**

**THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,**  
**#5-42T-820, #32-48T-720 & #32-44-720**  
**SECTION 5, T8S, R20E, S.L.B.&M.**  
**LOT 2**

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



**TOPOGRAPHIC MAP** **04 03 14** **C TOPO**  
 SCALE: 1"=2000' DRAWN BY: L.S. REV: 04-17-14 L.S.



**APPROXIMATE TOTAL PIPELINE DISTANCE = 74' +/-**

**LEGEND:**

- EXISTING ROADS
- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

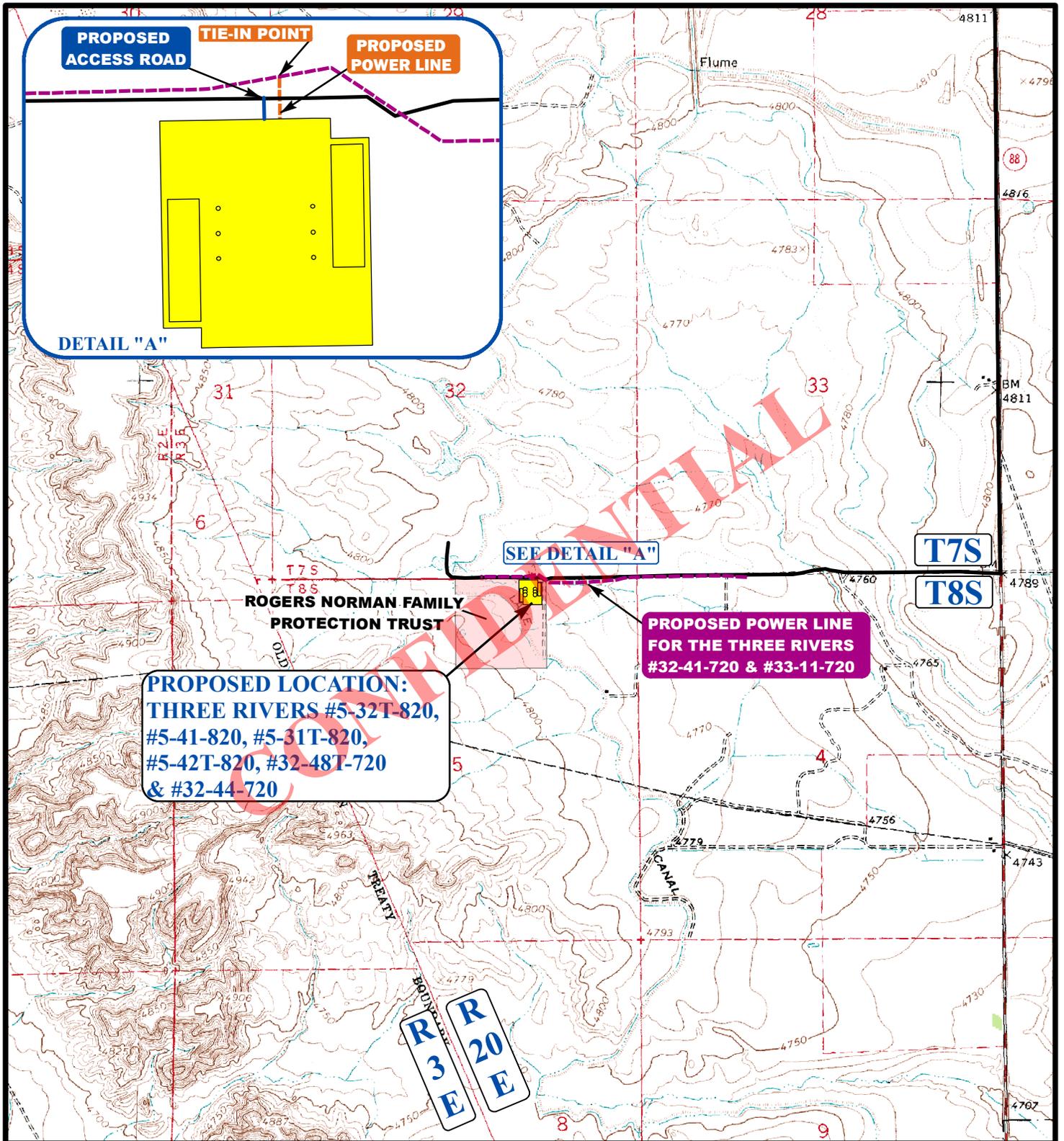
**ULTRA RESOURCES, INC.**

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
 #5-42T-820, #32-48T-720 & #32-44-720  
 SECTION 5, T8S, R20E, S.L.B.&M.  
 LOT 2



**U&L S** **Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
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**TOPOGRAPHIC MAP** **04 03 14**  
 MONTH DAY YEAR  
 SCALE: 1"= 2000' DRAWN BY: L.S. REV: 04-17-14 L.S. **D TOPO**



**PROPOSED LOCATION:**  
 THREE RIVERS #5-32T-820,  
 #5-41-820, #5-31T-820,  
 #5-42T-820, #32-48T-720  
 & #32-44-720

**PROPOSED POWER LINE  
 FOR THE THREE RIVERS  
 #32-41-720 & #33-11-720**

**APPROXIMATE TOTAL POWER LINE DISTANCE = 67' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - PROPOSED POWER LINE
- - - - - PROPOSED POWER LINE (SERVICING OTHER WELLS)

**ULTRA RESOURCES, INC.**

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
 #5-42T-820, #32-48T-720 & #32-44-720  
 SECTION 5, T8S, R20E, S.L.B.&M.  
 LOT 2

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



**TOPOGRAPHIC MAP** 04 03 14  
 MONTH DAY YEAR  
 SCALE: 1"=2000' DRAWN BY: L.S. REV: 04-17-14 L.S. **E TOPO**



# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5  
 Field: UINTAH COUNTY Well: Three Rivers 32-48T-720  
 Facility: Sec.05-T8S-R20E Wellbore: Three Rivers 32-48T-720 PWB

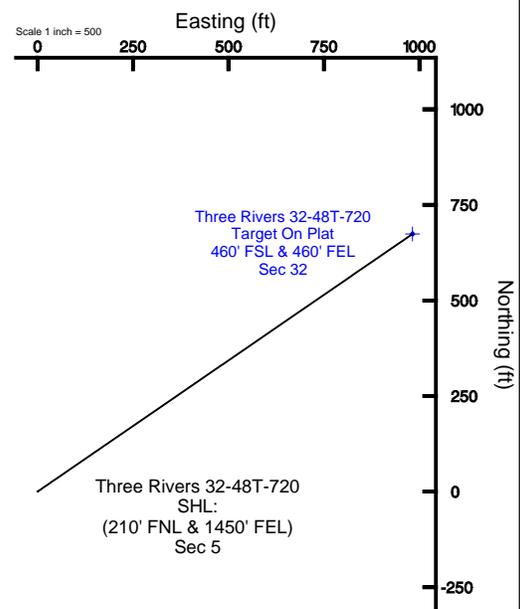
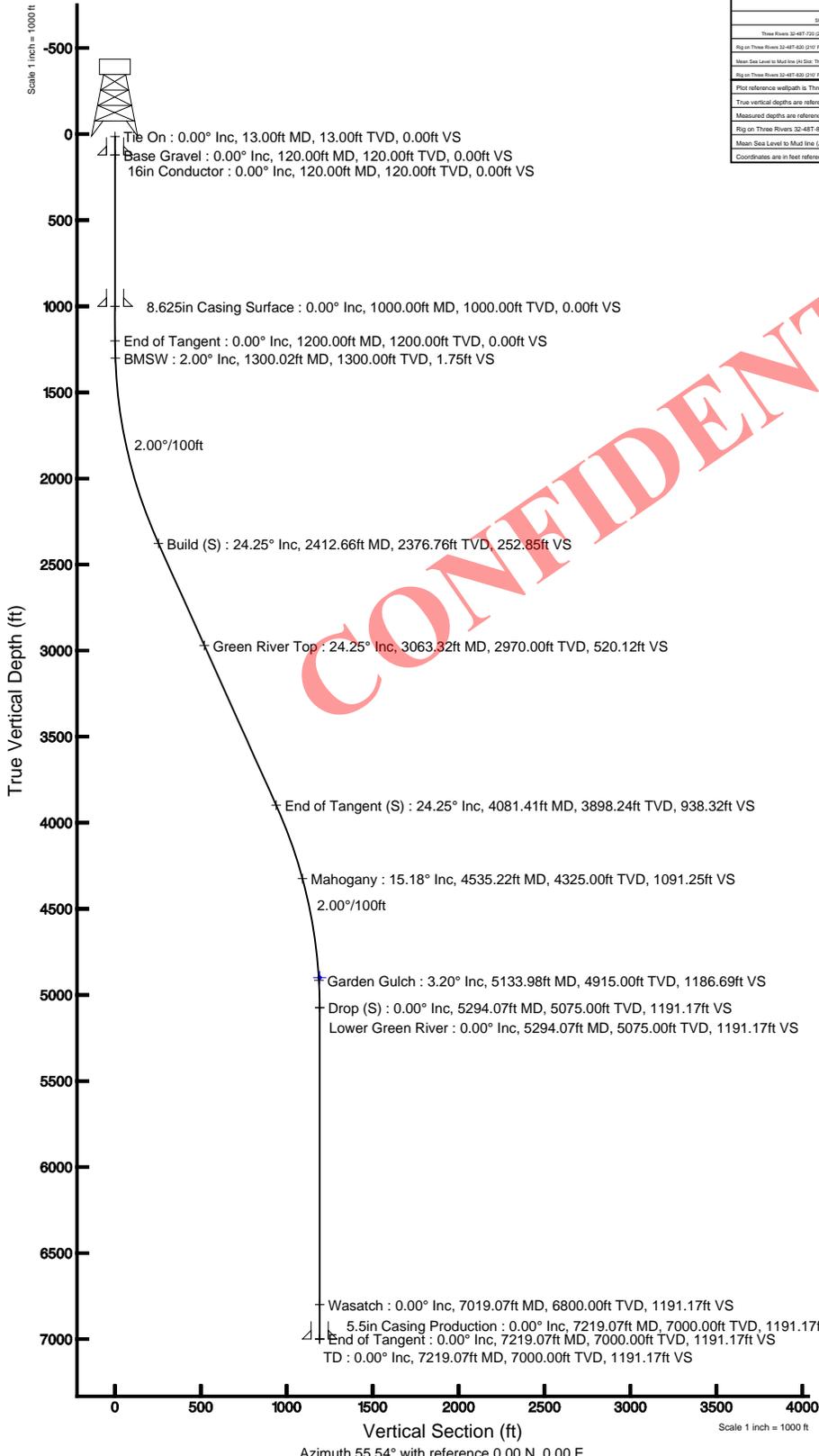
Targets						
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Three Rivers 32-48T-720 Target On Plat 460' FSL & 460' FEL Sec 32	460.00	973.97	982.16	2147652.78	722162.32	407926.10274

Well Profile Data						
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)
Tie On	13.00	0.000	55.542	13.00	0.00	0.00
End of Tangent	1200.00	0.000	55.542	1200.00	0.00	0.00
Build (S)	2412.66	24.253	55.542	2376.76	143.06	208.48
End of Tangent (S)	4081.41	24.253	55.542	3898.24	530.91	773.68
Drop (S)	5294.07	0.000	55.542	5075.00	673.97	982.16
End of Tangent	7219.07	0.000	55.542	7000.00	673.97	982.16

Location Information			
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude
Sec.05-T8S-R20E	2147654.360	7227333.835	4079148.26276
Site	Local N (ft)	Local E (ft)	Latitude
Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5	4158.06	-1055.76	214874.554





## Planned Wellpath Report

Three Rivers 32-48T-720 PWP

Page 1 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-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	0.999915	Report Generated	6/5/2014 at 9:20:08 AM
Convergence at slot	1.16° East	Database/Source file	WellArchitectDB/Three_Rivers_32-48T-720_PWB.xml

### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	4158.06	-1035.76	2146714.55	7231468.66	40°09'29.440"N	109°41'18.170"W
Facility Reference Pt			2147834.39	7227332.84	40°08'48.350"N	109°41'04.830"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

### WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Three Rivers 32-48T-820 (210' FNL & 1450' FEL) (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers 32-48T-820 (210' FNL & 1450' FEL) (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers 32-48T-820 (210' FNL & 1450' FEL) (RT)	Rig on Three Rivers 32-48T-820 (210' FNL & 1450' FEL) (RT) to Mud Line at Slot (Three Rivers 32-48T-720 (210' FNL & 1450' FEL) S)
MD Reference Pt	Rig on Three Rivers 32-48T-820 (210' FNL & 1450' FEL) (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth

CONFIDENTIAL



### Planned Wellpath Report

Three Rivers 32-48T-720 PWP

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-T8S-R20E		

**WELLPATH DATA (85 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	55.542	0.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
13.00	0.000	55.542	13.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
113.00†	0.000	55.542	113.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
120.00†	0.000	55.542	120.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	Base Gravel
213.00†	0.000	55.542	213.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
313.00†	0.000	55.542	313.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
413.00†	0.000	55.542	413.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
513.00†	0.000	55.542	513.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
613.00†	0.000	55.542	613.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
713.00†	0.000	55.542	713.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
813.00†	0.000	55.542	813.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
913.00†	0.000	55.542	913.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
1013.00†	0.000	55.542	1013.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
1113.00†	0.000	55.542	1113.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
1200.00	0.000	55.542	1200.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
1213.00†	0.260	55.542	1213.00	0.03	0.02	0.02	40°09'29.440"N	109°41'18.170"W	2.00	
1300.02†	2.000	55.542	1300.00	1.75	0.99	1.44	40°09'29.450"N	109°41'18.151"W	2.00	BMSW
1313.00†	2.260	55.542	1312.97	2.23	1.26	1.84	40°09'29.452"N	109°41'18.146"W	2.00	
1413.00†	4.260	55.542	1412.80	7.91	4.48	6.53	40°09'29.484"N	109°41'18.086"W	2.00	
1513.00†	6.260	55.542	1512.38	17.08	9.66	14.08	40°09'29.536"N	109°41'17.989"W	2.00	
1613.00†	8.260	55.542	1611.57	29.72	16.81	24.50	40°09'29.606"N	109°41'17.854"W	2.00	
1713.00†	10.260	55.542	1710.26	45.81	25.92	37.77	40°09'29.696"N	109°41'17.684"W	2.00	
1813.00†	12.260	55.542	1808.33	65.33	36.97	53.87	40°09'29.805"N	109°41'17.476"W	2.00	
1913.00†	14.260	55.542	1905.66	88.27	49.94	72.78	40°09'29.934"N	109°41'17.233"W	2.00	
2013.00†	16.260	55.542	2002.13	114.59	64.83	94.48	40°09'30.081"N	109°41'16.953"W	2.00	
2113.00†	18.260	55.542	2097.62	144.26	81.62	118.95	40°09'30.247"N	109°41'16.638"W	2.00	
2213.00†	20.260	55.542	2192.02	177.24	100.28	146.14	40°09'30.431"N	109°41'16.288"W	2.00	
2313.00†	22.260	55.542	2285.21	213.50	120.80	176.04	40°09'30.634"N	109°41'15.903"W	2.00	
2412.66	24.253	55.542	2376.76	252.85	143.06	208.48	40°09'30.854"N	109°41'15.485"W	2.00	
2413.00†	24.253	55.542	2377.08	252.99	143.14	208.60	40°09'30.855"N	109°41'15.483"W	0.00	
2513.00†	24.253	55.542	2468.25	294.07	166.38	242.47	40°09'31.084"N	109°41'15.047"W	0.00	
2613.00†	24.253	55.542	2559.43	335.14	189.63	276.34	40°09'31.314"N	109°41'14.611"W	0.00	
2713.00†	24.253	55.542	2650.60	376.22	212.87	310.21	40°09'31.544"N	109°41'14.175"W	0.00	
2813.00†	24.253	55.542	2741.77	417.30	236.11	344.08	40°09'31.773"N	109°41'13.738"W	0.00	
2913.00†	24.253	55.542	2832.95	458.37	259.35	377.95	40°09'32.003"N	109°41'13.302"W	0.00	
3013.00†	24.253	55.542	2924.12	499.45	282.59	411.82	40°09'32.233"N	109°41'12.866"W	0.00	
3063.32†	24.253	55.542	2970.00	520.12	294.29	428.86	40°09'32.348"N	109°41'12.647"W	0.00	Green River Top
3113.00†	24.253	55.542	3016.30	540.53	305.83	445.68	40°09'32.462"N	109°41'12.430"W	0.00	
3213.00†	24.253	55.542	3106.47	581.60	329.07	479.55	40°09'32.692"N	109°41'11.994"W	0.00	
3313.00†	24.253	55.542	3197.64	622.68	352.32	513.42	40°09'32.922"N	109°41'11.557"W	0.00	
3413.00†	24.253	55.542	3288.82	663.76	375.56	547.29	40°09'33.151"N	109°41'11.121"W	0.00	
3513.00†	24.253	55.542	3379.99	704.83	398.80	581.16	40°09'33.381"N	109°41'10.685"W	0.00	
3613.00†	24.253	55.542	3471.17	745.91	422.04	615.03	40°09'33.611"N	109°41'10.249"W	0.00	
3713.00†	24.253	55.542	3562.34	786.99	445.28	648.90	40°09'33.840"N	109°41'09.812"W	0.00	
3813.00†	24.253	55.542	3653.51	828.06	468.52	682.77	40°09'34.070"N	109°41'09.376"W	0.00	



### Planned Wellpath Report

Three Rivers 32-48T-720 PWP

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-T8S-R20E		

**WELLPATH DATA (85 stations) † = interpolated/extrapolated station**

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3913.00†	24.253	55.542	3744.69	869.14	491.77	716.64	40°09'34.300"N	109°41'08.940"W	0.00	
4013.00†	24.253	55.542	3835.86	910.22	515.01	750.51	40°09'34.529"N	109°41'08.504"W	0.00	
4081.41	24.253	55.542	3898.24	938.32	530.91	773.68	40°09'34.686"N	109°41'08.205"W	0.00	
4113.00†	23.621	55.542	3927.11	951.14	538.16	784.25	40°09'34.758"N	109°41'08.069"W	2.00	
4213.00†	21.621	55.542	4019.41	989.60	559.92	815.96	40°09'34.973"N	109°41'07.661"W	2.00	
4313.00†	19.621	55.542	4113.00	1024.81	579.85	845.00	40°09'35.170"N	109°41'07.287"W	2.00	
4413.00†	17.621	55.542	4207.76	1056.74	597.91	871.33	40°09'35.348"N	109°41'06.948"W	2.00	
4513.00†	15.621	55.542	4303.57	1085.35	614.10	894.91	40°09'35.508"N	109°41'06.644"W	2.00	
4535.22†	15.177	55.542	4325.00	1091.25	617.43	899.78	40°09'35.541"N	109°41'06.581"W	2.00	Mahogany
4613.00†	13.621	55.542	4400.33	1110.59	628.38	915.72	40°09'35.649"N	109°41'06.376"W	2.00	
4713.00†	11.621	55.542	4497.91	1132.44	640.74	933.74	40°09'35.772"N	109°41'06.144"W	2.00	
4813.00†	9.621	55.542	4596.19	1150.87	651.17	948.94	40°09'35.875"N	109°41'05.948"W	2.00	
4913.00†	7.621	55.542	4695.06	1165.86	659.65	961.30	40°09'35.959"N	109°41'05.789"W	2.00	
5013.00†	5.621	55.542	4794.38	1177.39	666.17	970.80	40°09'36.023"N	109°41'05.666"W	2.00	
5113.00†	3.621	55.542	4894.05	1185.45	670.73	977.45	40°09'36.068"N	109°41'05.581"W	2.00	
5133.98†	3.202	55.542	4915.00	1186.69	671.44	978.47	40°09'36.075"N	109°41'05.567"W	2.00	Garden Gulch
5213.00†	1.621	55.542	4993.94	1190.02	673.32	981.22	40°09'36.094"N	109°41'05.532"W	2.00	
5294.07	0.000	55.542	5075.00†	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	2.00	Lower Green River
5313.00†	0.000	55.542	5093.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
5413.00†	0.000	55.542	5193.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
5513.00†	0.000	55.542	5293.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
5613.00†	0.000	55.542	5393.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
5713.00†	0.000	55.542	5493.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
5813.00†	0.000	55.542	5593.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
5913.00†	0.000	55.542	5693.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6013.00†	0.000	55.542	5793.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6113.00†	0.000	55.542	5893.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6213.00†	0.000	55.542	5993.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6313.00†	0.000	55.542	6093.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6413.00†	0.000	55.542	6193.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6513.00†	0.000	55.542	6293.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6613.00†	0.000	55.542	6393.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6713.00†	0.000	55.542	6493.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6813.00†	0.000	55.542	6593.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
6913.00†	0.000	55.542	6693.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
7013.00†	0.000	55.542	6793.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
7019.07†	0.000	55.542	6800.00	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	Wasatch
7113.00†	0.000	55.542	6893.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
7213.00†	0.000	55.542	6993.93	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	
7219.07	0.000	55.542	7000.00	1191.17	673.97	982.16	40°09'36.100"N	109°41'05.520"W	0.00	TD





### Planned Wellpath Report

Three Rivers 32-48T-720 PWP  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-T8S-R20E		

**HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers 32-48T-720 PWB Ref Wellpath: Three Rivers 32-48T-720 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	7219.07	6219.07	1000.00	7000.00	0.00	0.00	673.97	982.16
5.5in Casing Production	13.00	7219.07	7206.07	13.00	7000.00	0.00	0.00	673.97	982.16

**TARGETS**

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers 32-48T-720 Target On Plat 460' FSL & 460' FEL Sec 32		4900.00	673.97	982.16	2147682.78	7232162.32	40°09'36.100"N	109°41'05.520"W	point

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### Planned Wellpath Report

Three Rivers 32-48T-720 PWP

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-T8S-R20E		

**WELLPATH COMMENTS**

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	55.542	120.00	Base Gravel
1300.02	2.000	55.542	1300.00	BMSW
3063.32	24.253	55.542	2970.00	Green River Top
4535.22	15.177	55.542	4325.00	Mahogany
5133.98	3.202	55.542	4915.00	Garden Gulch
5294.07	0.000	55.542	5075.00	Lower Green River
7019.07	0.000	55.542	6800.00	Wasatch
7219.07	0.000	55.542	7000.00	TD

CONFIDENTIAL

**AFFIDAVIT OF SURFACE USE AND DAMAGE SETTLEMENT AGREEMENT**

I, *Ned Higgins*, Affiant, being duly sworn, depose and say:

THAT, I am a Senior Landman, for *Ultra Resources, Inc.*, a Wyoming corporation authorized to do business in Utah (hereinafter referred to as "Ultra"), whose address is 304 Inverness Way South, Suite 295, Englewood, Colorado 80112 and that Ultra operates and manages oil and gas interests in the State of Utah including the lands in Uintah County, Utah described herein below.

WHEREAS, Ultra has on file, in its offices, a signed Surface Use and Damage Settlement Agreement for lands located in Uintah County as follows:

Township 8 South, Range 20 East SLM  
Section 5: Lot 2

Landowner: *Norman Rogers Family Protection Trust, Jean Harrison Rogers, Trustee*

THEREFORE, Ultra is filing this Affidavit in the Records of Uintah County, Utah to provide notice to the public and all concerned parties so that any inquires or emergencies that may occur which require immediate notification and attention by Ultra should be directed to:

**Ultra Resources, Inc.**  
304 Inverness Way South, Suite 295  
Englewood, Colorado 80112  
Main Phone: 303-708-9740  
Emergency Phone: 1-800-770-9210

FURTHER Affiant sayeth not.

Subscribed and sworn to this the 15<sup>th</sup> day of May, 2014.

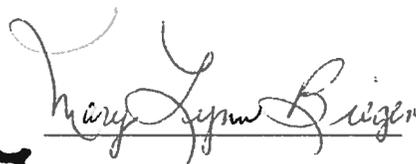
  
\_\_\_\_\_  
Ned Higgins  
Ultra Resources, Inc. - Senior Landman

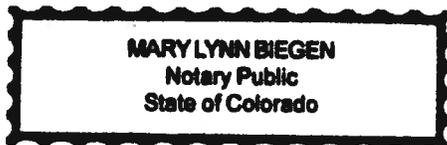
STATE OF COLORADO )  
  ) :ss  
COUNTY OF DOUGLAS )

The foregoing Affidavit of Surface Use and Damage Settlement Agreement was acknowledged before me by Ned Higgins as Senior Landman of Ultra Resources, Inc., on this 15<sup>th</sup> day of May, 2014.

WITNESS my hand and official seal.

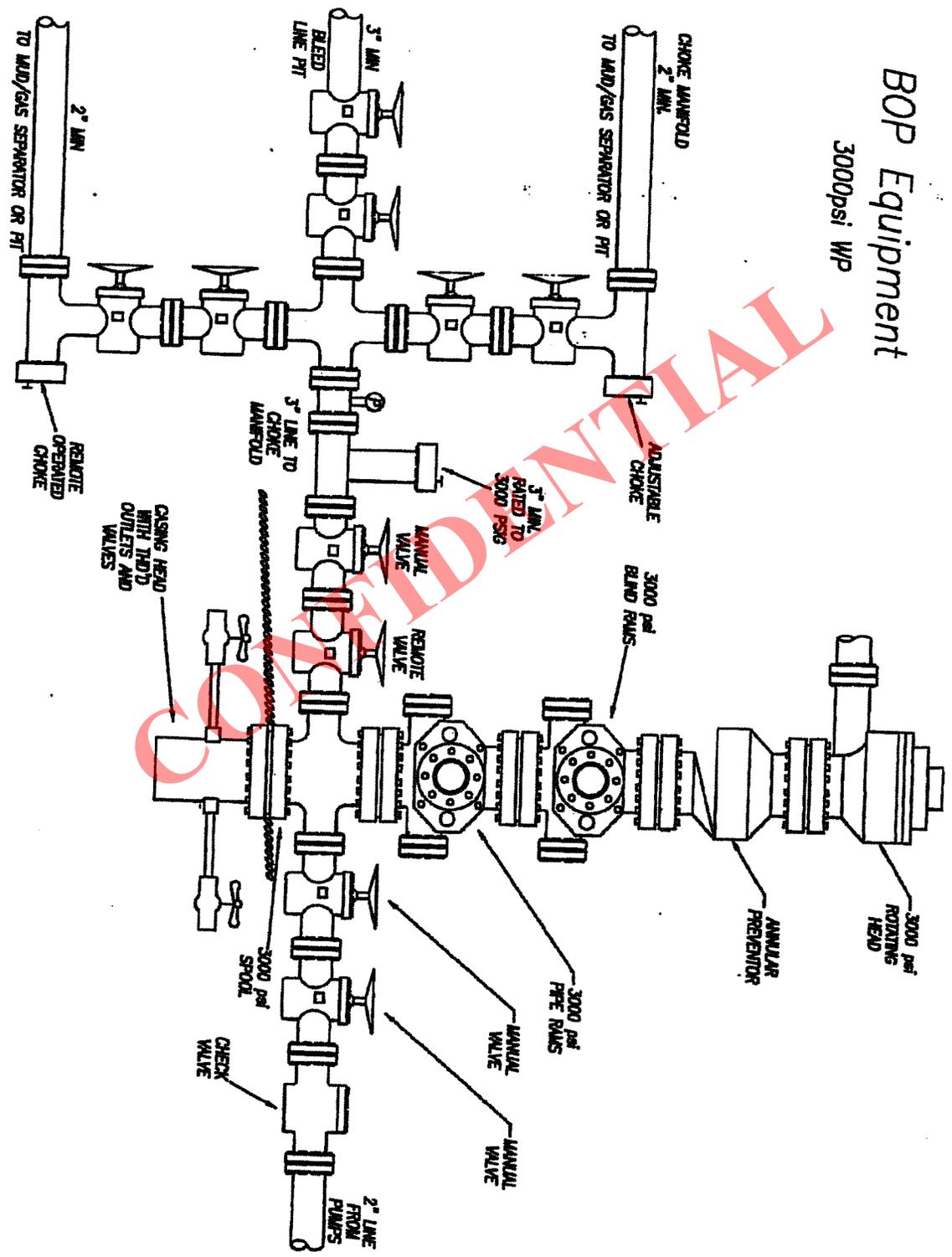
My Commission Expires:  
3/3/15

  
\_\_\_\_\_  
NOTARY PUBLIC



My Commission Expires March 3, 2015

# BOP Equipment 3000psi WP



# ULTRA RESOURCES, INC.

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820 #5-42T-820, #32-48T-720 & #32-44-720  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 5, T8S, R20E, S.L.B.&M.

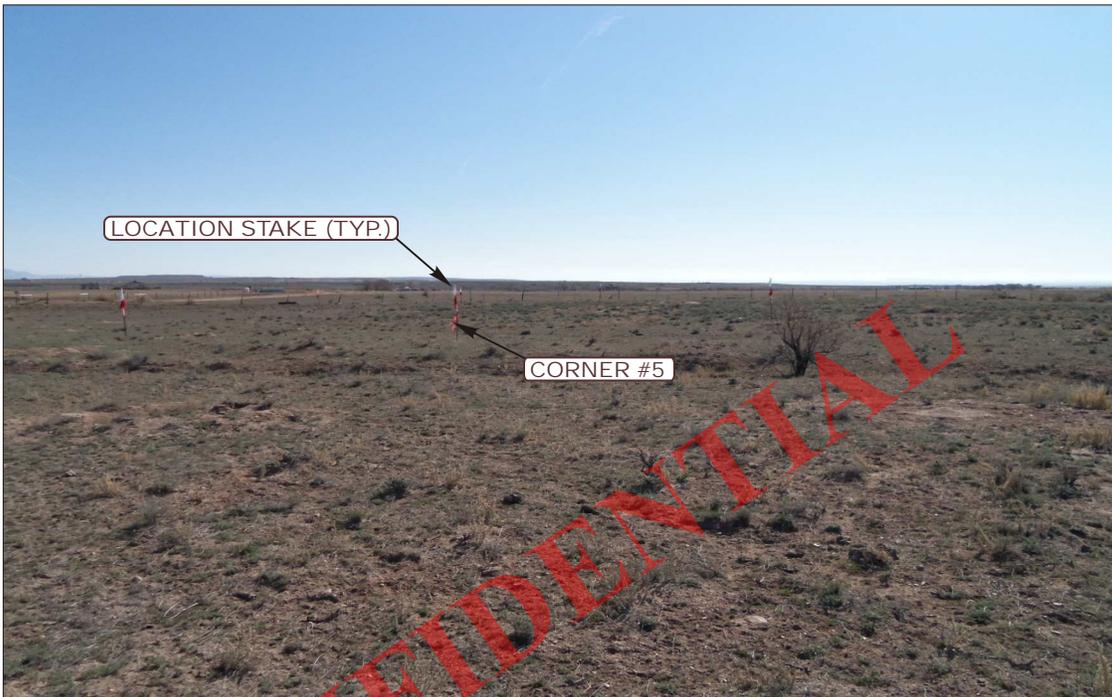


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -



Uintah Engineering & Land Surveying

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

LOCATION PHOTOS

04 03 14  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.H.

DRAWN BY: L.S.

REV: 04-17-14 L.S.

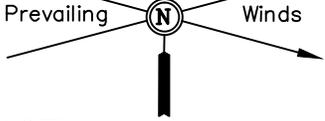
ULTRA RESOURCES, INC.

LOCATION LAYOUT FOR

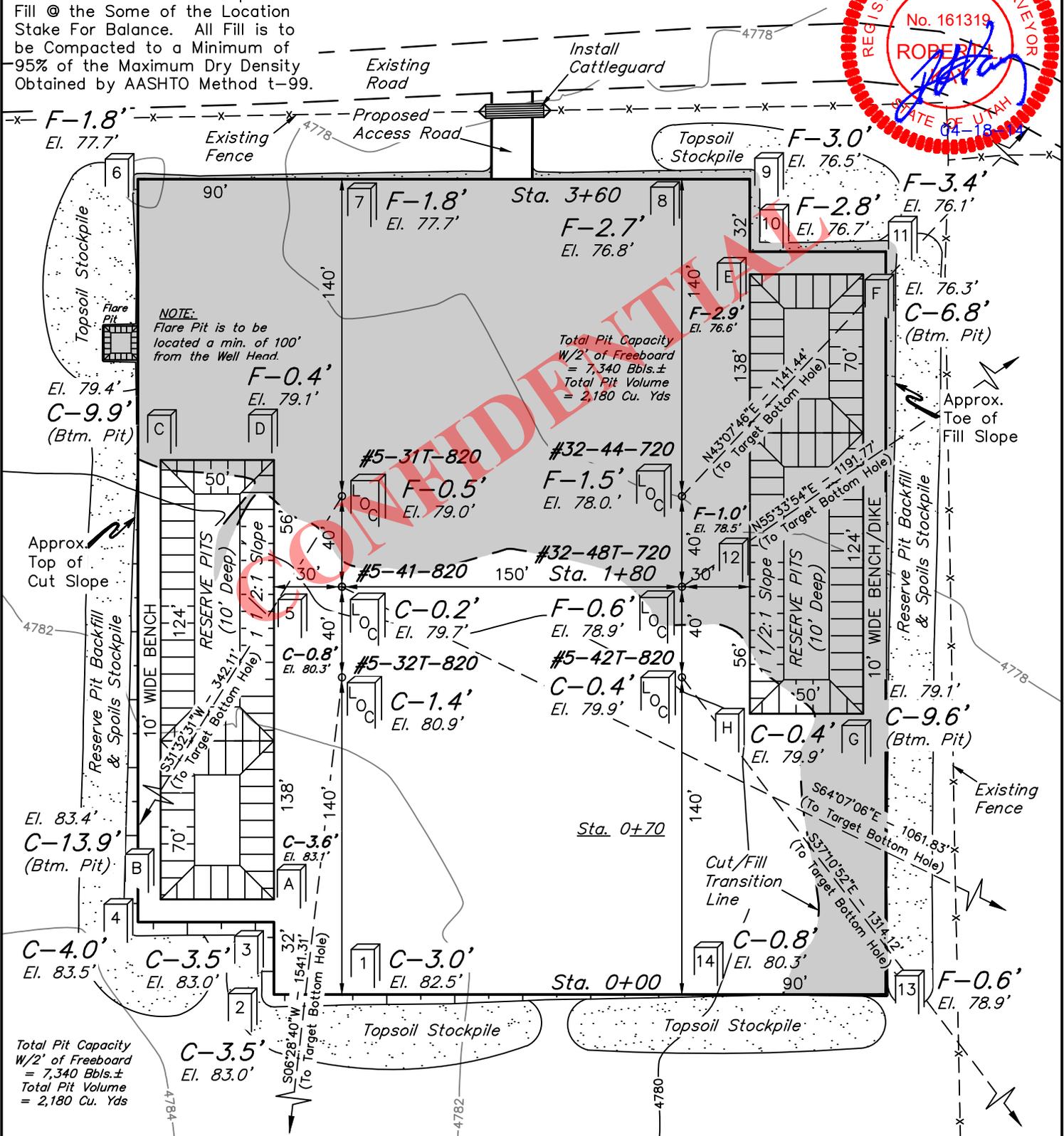
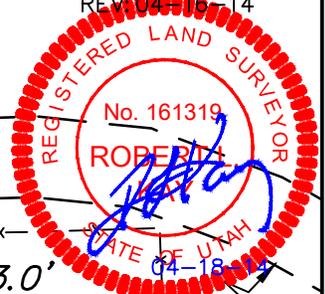
THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820, #5-42T-820, #32-48T-720, & #32-44-720 SECTION 5, T8S, R20E, S.L.B.&M. LOT 2

FIGURE #1

SCALE: 1" = 60' DATE: 03-26-14 DRAWN BY: S.S. REV: 03-18-14



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



Total Pit Capacity W/2' of Freeboard = 7,340 Bbls.± Total Pit Volume = 2,180 Cu. Yds

Elev. Ungraded Ground At #5-41-820 Loc. Stake = 4779.7', FINISHED GRADE ELEV. AT #5-41-820 LOC. STAKE = 4779.5'

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

RECEIVED: June 18, 2014

**ULTRA RESOURCES, INC.**

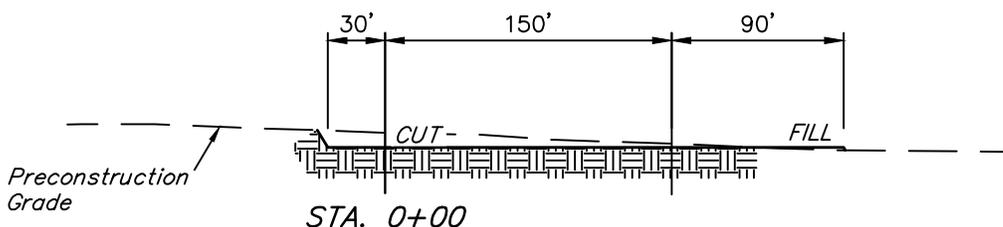
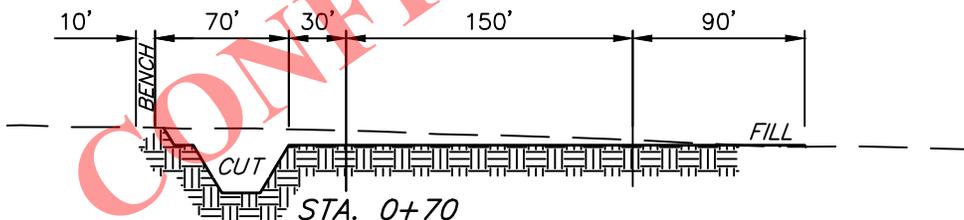
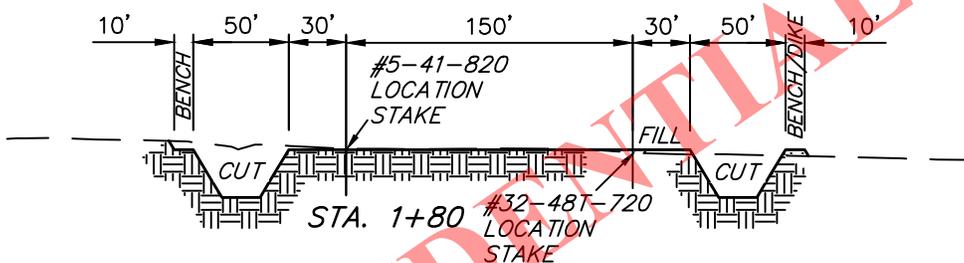
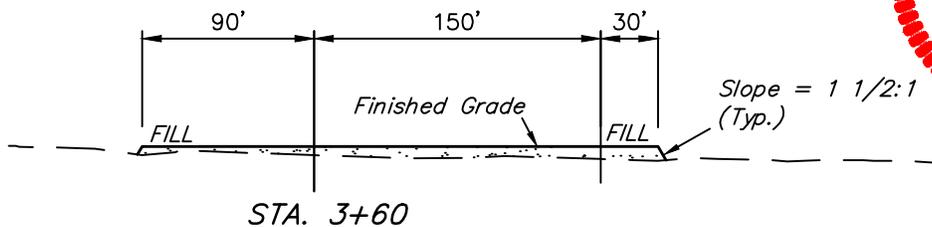
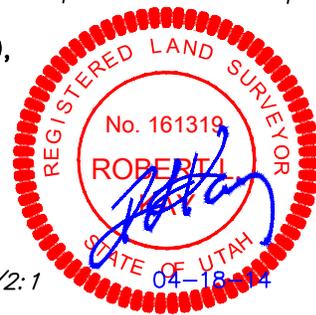
**TYPICAL CROSS SECTIONS FOR**

**THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720, & #32-44-720  
SECTION 5, T8S, R20E, S.L.B.&M.  
LOT 2**

**FIGURE #2**

1" = 40'  
X-Section Scale  
1" = 100'

DATE: 03-26-14  
DRAWN BY: S.S.  
REV: 04-16-14



**NOTE:**

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

**APPROXIMATE ACREAGE**

WELL SITE DISTURBANCE	= ± 4.216 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.006 ACRES
PIPELINE DISTURBANCE	= ± 0.031 ACRES
<b>TOTAL</b>	<b>= ± 4.253 ACRES</b>

\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	= 2,210 Cu. Yds.
Remaining Location	= 6,020 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,230 CU. YDS.</b>
<b>FILL</b>	<b>= 3,840 CU. YDS.</b>

EXCESS MATERIAL	= 4,390 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,390 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

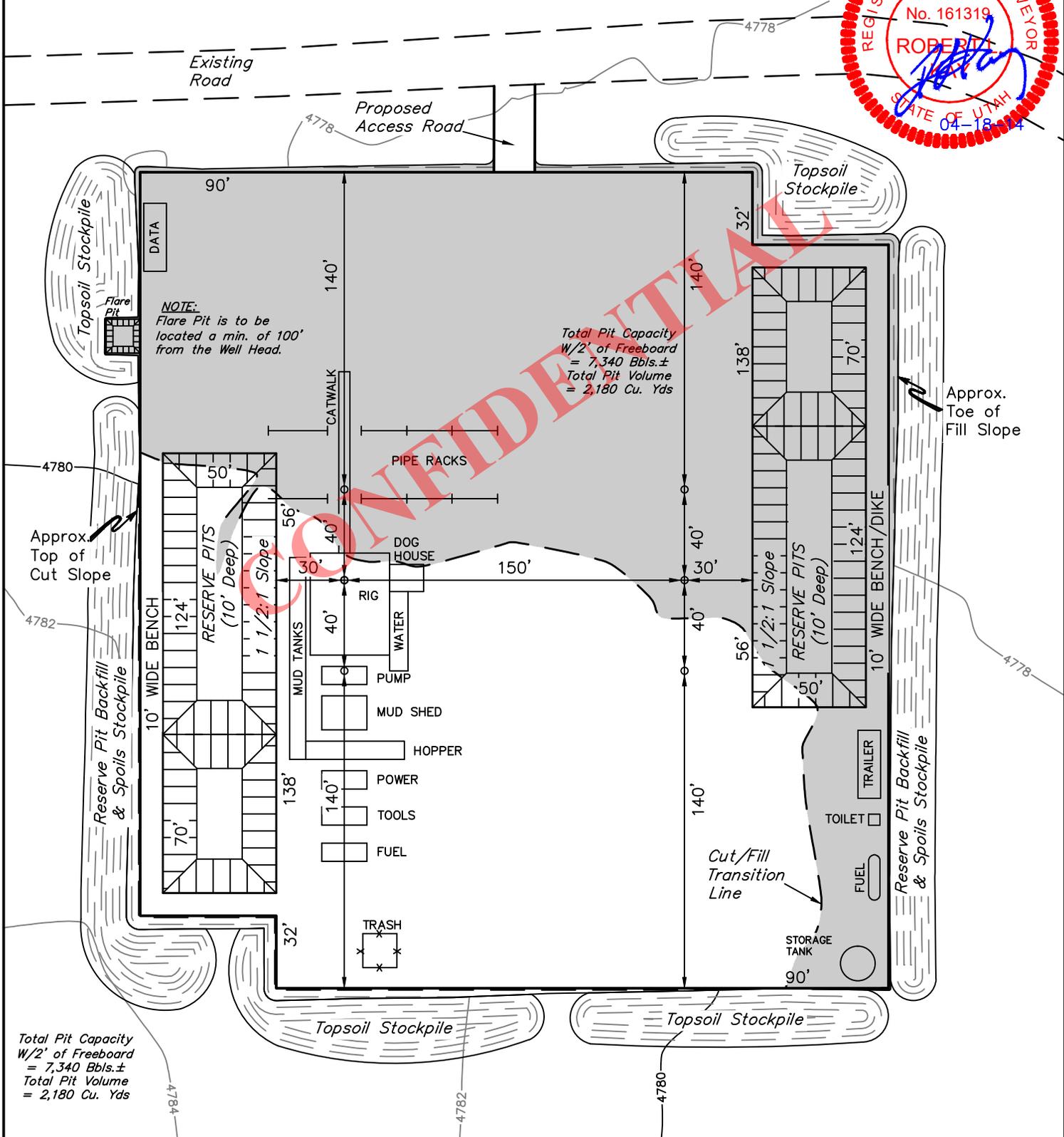
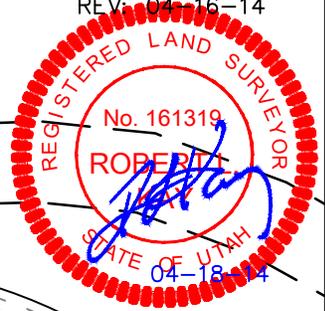
# ULTRA RESOURCES, INC.

## TYPICAL RIG LAYOUT FOR

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720, & #32-44-720  
SECTION 5, T8S, R20E, S.L.B.&M.  
LOT 2

FIGURE #3

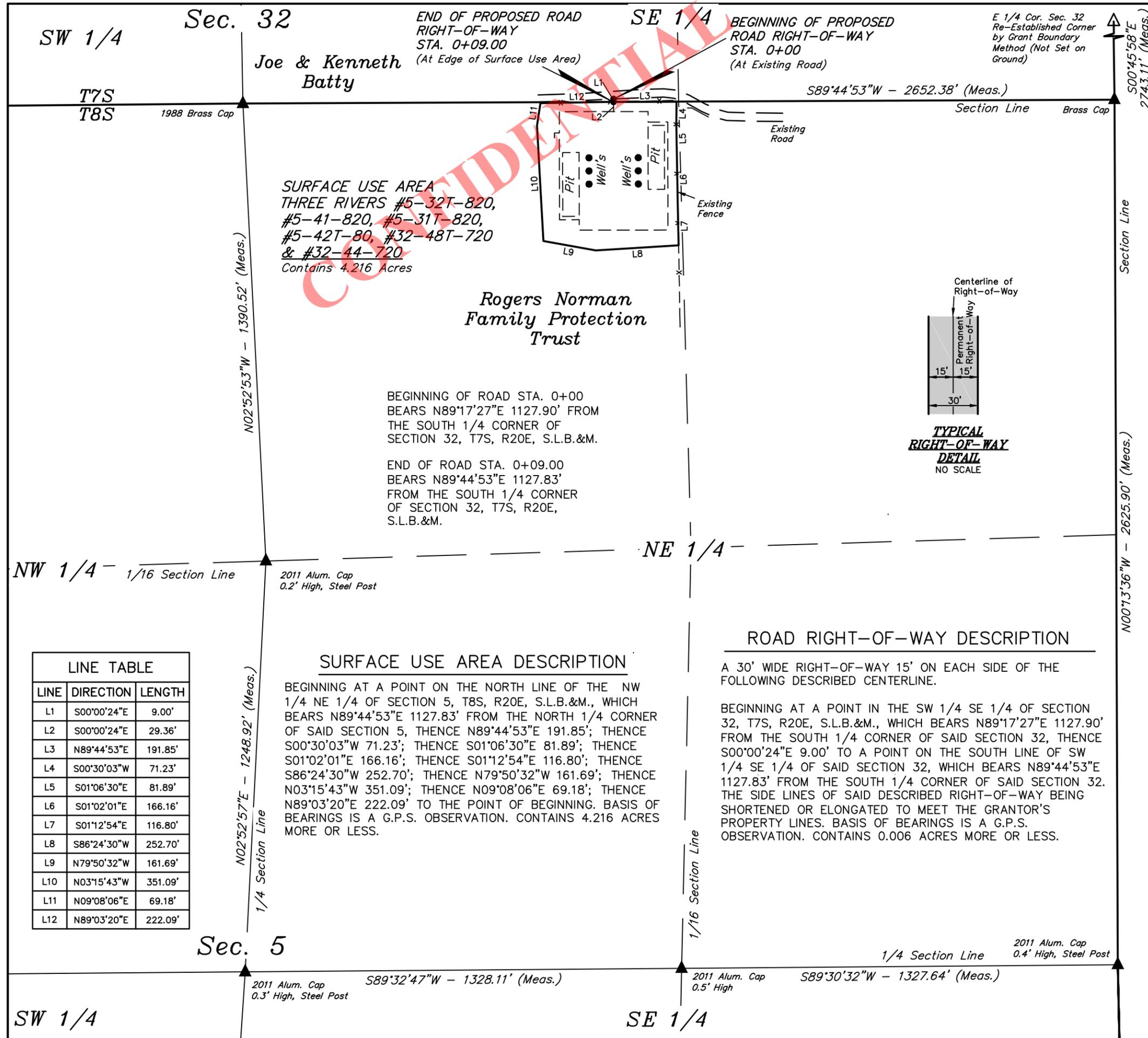
SCALE: 1" = 60'  
DATE: 03-26-14  
DRAWN BY: S.S.  
REV: 04-16-14



**NOTE:**  
Flare Pit is to be located a min. of 100' from the Well Head.

Total Pit Capacity  
W/2' of Freeboard  
= 7,340 Bbls.±  
Total Pit Volume  
= 2,180 Cu. Yds

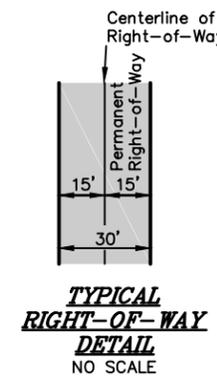
Total Pit Capacity  
W/2' of Freeboard  
= 7,340 Bbls.±  
Total Pit Volume  
= 2,180 Cu. Yds



**LINE TABLE**

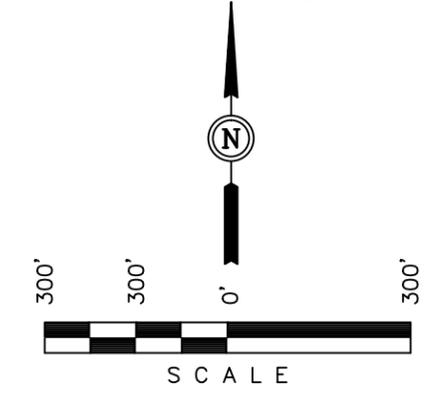
LINE	DIRECTION	LENGTH
L1	S00°00'24"E	9.00'
L2	S00°00'24"E	29.36'
L3	N89°44'53"E	191.85'
L4	S00°30'03"W	71.23'
L5	S01°06'30"E	81.89'
L6	S01°02'01"E	166.16'
L7	S01°12'54"E	116.80'
L8	S86°24'30"W	252.70'
L9	N79°50'32"W	161.69'
L10	N03°15'43"W	351.09'
L11	N09°08'06"E	69.18'
L12	N89°03'20"E	222.09'

**SURFACE USE AREA DESCRIPTION**  
 BEGINNING AT A POINT ON THE NORTH LINE OF THE NW 1/4 NE 1/4 OF SECTION 5, T8S, R20E, S.L.B.&M., WHICH BEARS N89°44'53"E 1127.83' FROM THE NORTH 1/4 CORNER OF SAID SECTION 5, THENCE N89°44'53"E 191.85'; THENCE S00°30'03"W 71.23'; THENCE S01°06'30"E 81.89'; THENCE S01°02'01"E 166.16'; THENCE S01°12'54"E 116.80'; THENCE S86°24'30"W 252.70'; THENCE N79°50'32"W 161.69'; THENCE N03°15'43"W 351.09'; THENCE N09°08'06"E 69.18'; THENCE N89°03'20"E 222.09' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.216 ACRES MORE OR LESS.



**ULTRA RESOURCES, INC.**

**LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS**  
 (For THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820, #5-42T-820, #32-48T-720 & #32-44-720)  
 LOCATED IN SECTION 32, T7S, R20E, S.L.B.&M., & SECTION 5, T8S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH



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

**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
JOE & KENNETH BATTY	9.00	0.006	0.55

▲ = SECTION CORNERS LOCATED.  
 △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

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

**REGISTERED LAND SURVEYOR**  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 04-16-14

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

SCALE 1" = 300'	DATE 04-07-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 6 3 4 5

SW 1/4 Sec. 32

SE 1/4

E 1/4 Cor. Sec. 32  
Re-Established Corner  
by Grant Boundary  
Method (Not Set on  
Ground)

ULTRA RESOURCES, INC.

**PIPELINE RIGHT-OF-WAY  
ON FEE LANDS**

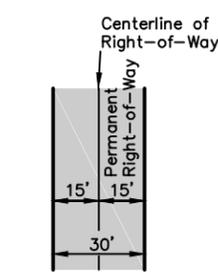
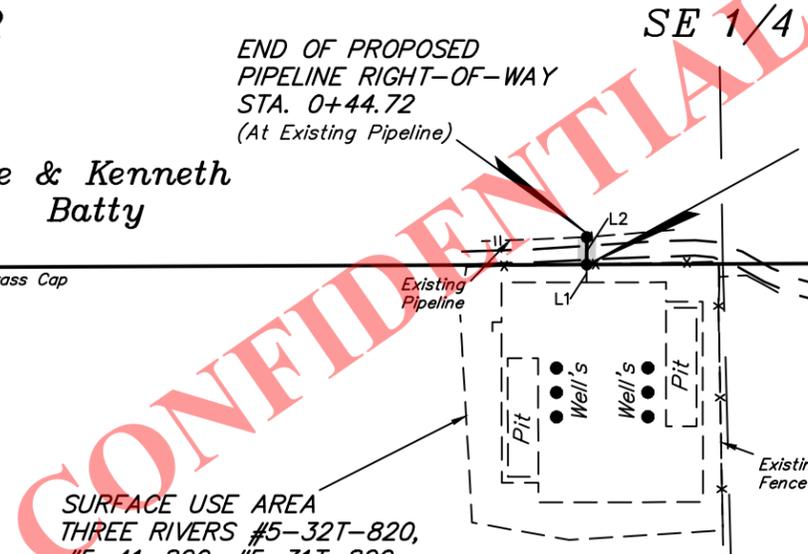
(For THREE RIVERS #5-32T-820,  
#5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720 &  
#32-44-720)

LOCATED IN  
SECTION 32, T7S, R20E, S.L.B.&M.,  
UINTAH COUNTY, UTAH

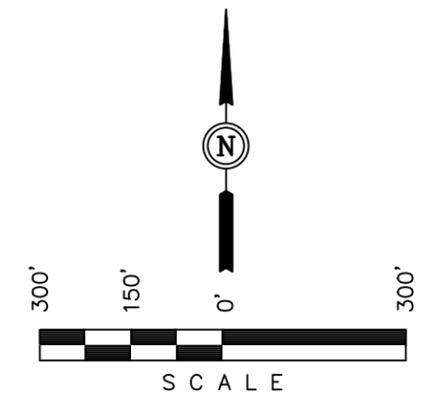
Joe & Kenneth  
Batty

SURFACE USE AREA  
THREE RIVERS #5-32T-820,  
#5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720,  
& #32-44-720

Rogers Norman  
Family Protection  
Trust



**TYPICAL  
RIGHT-OF-WAY  
DETAIL**  
NO SCALE



BASIS OF BEARINGS

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

**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
JOE & KENNETH BATTY	44.72	0.031	2.71

- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground)

**CERTIFICATE**

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



REVISED: 04-16-14

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

SCALE 1" = 300'	DATE 04-07-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 6 3 4 4

T7S  
T8S

1988 Brass Cap

S89°44'53"W - 2652.38' (Meas.)

Brass Cap

N02°52'53"W - 1390.52' (Meas.)

Section Line

N00°13'36"W - 2625.90' (Meas.)

NW 1/4 1/16 Section Line

2011 Alum. Cap  
0.2' High, Steel Post

NE 1/4

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°02'05"E	29.32'
L2	N00°02'05"E	44.72'

**PIPELINE RIGHT-OF-WAY DESCRIPTION**

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

BEGINNING AT A POINT ON THE SOUTH LINE OF THE SW 1/4 SE 1/4 OF SECTION 32, T7S, R20E, S.L.B.&M., WHICH BEARS N89°44'53"E 1102.81' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 32, THENCE N00°02'05"E 44.72' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 32, WHICH BEARS N87°25'34"E 1103.94' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 32. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.031 ACRES MORE OR LESS.

BEGINNING OF PIPELINE STA. 0+00 BEARS N89°44'53"E 1102.81' FROM THE SOUTH 1/4 CORNER OF SECTION 32, T7S, R20E, S.L.B.&M.

END OF PIPELINE STA. 0+44.72 BEARS N87°25'34"E 1103.94' FROM THE SOUTH 1/4 CORNER OF SECTION 32, T7S, R20E, S.L.B.&M.

N02°52'57"E - 1248.92' (Meas.)  
1/4 Section Line

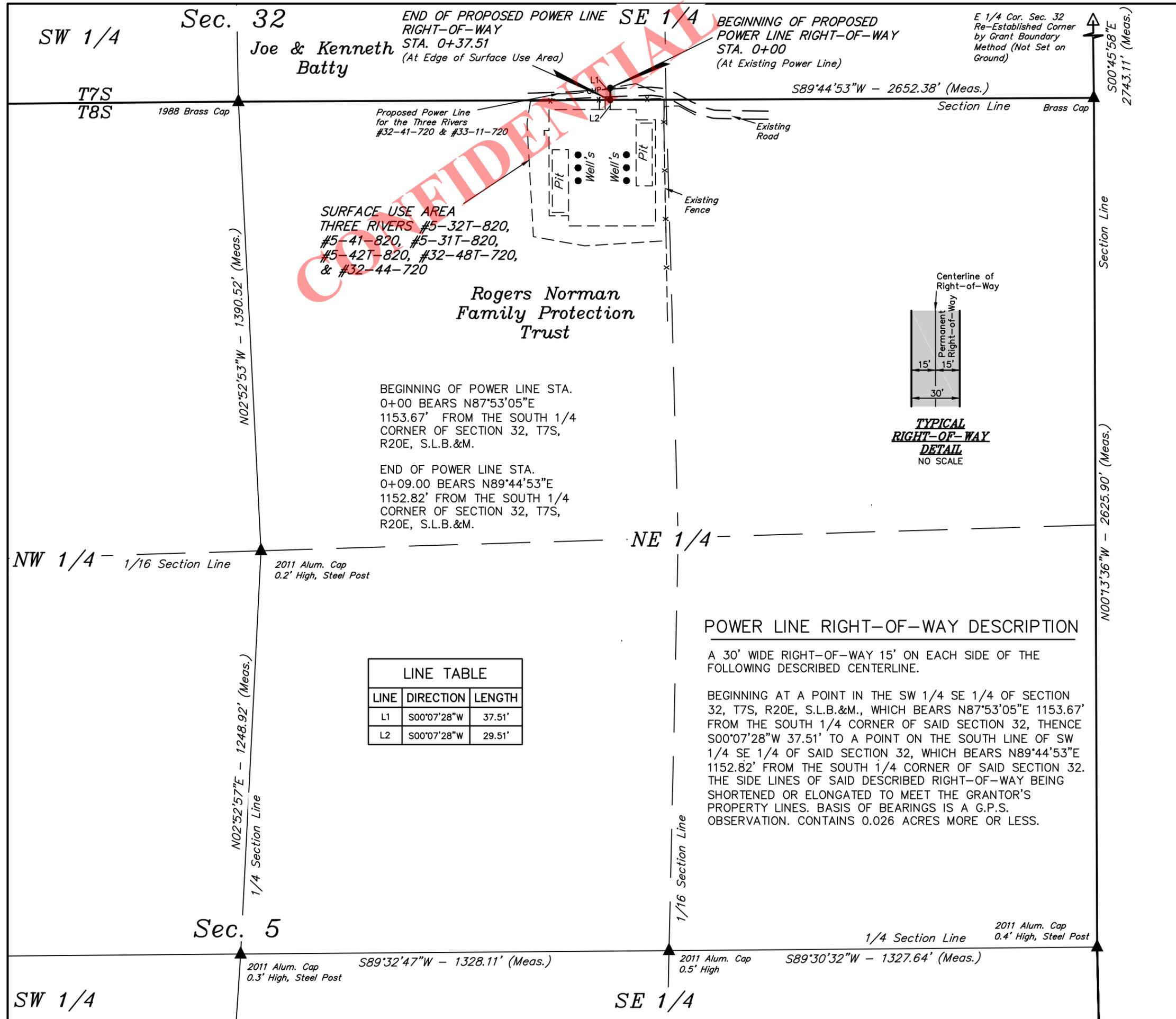
1/16 Section Line

1/4 Section Line  
2011 Alum. Cap  
0.4' High, Steel Post

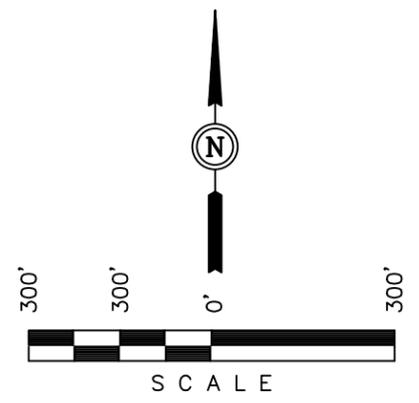
Sec. 5

2011 Alum. Cap  
0.3' High, Steel Post  
S89°32'47"W - 1328.11' (Meas.)

2011 Alum. Cap  
0.5' High  
S89°30'32"W - 1327.64' (Meas.)



ULTRA RESOURCES, INC.  
**POWER LINE RIGHT-OF-WAY ON FEE LANDS**  
 (For THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820, #5-42T-820, #32-48T-720 & #32-44-720)  
 LOCATED IN SECTION 32, T7S, R20E, S.L.B.&M., & UTAH COUNTY, UTAH



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

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
JOE & KENNETH BATTY	37.51	0.026	2.27

▲ = SECTION CORNERS LOCATED.  
 △ = SECTION CORNERS RE-ESTABLISHED.  
 (Not Set on Ground)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S00°07'28"W	37.51'
L2	S00°07'28"W	29.51'

**POWER LINE RIGHT-OF-WAY DESCRIPTION**

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.  
 BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 32, T7S, R20E, S.L.B.&M., WHICH BEARS N87°53'05"E 1153.67' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 32, THENCE S00°07'28"W 37.51' TO A POINT ON THE SOUTH LINE OF SW 1/4 SE 1/4 OF SAID SECTION 32, WHICH BEARS N89°44'53"E 1152.82' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 32. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.026 ACRES MORE OR LESS.



**CERTIFICATE**  
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 [Signature]  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 04-16-14

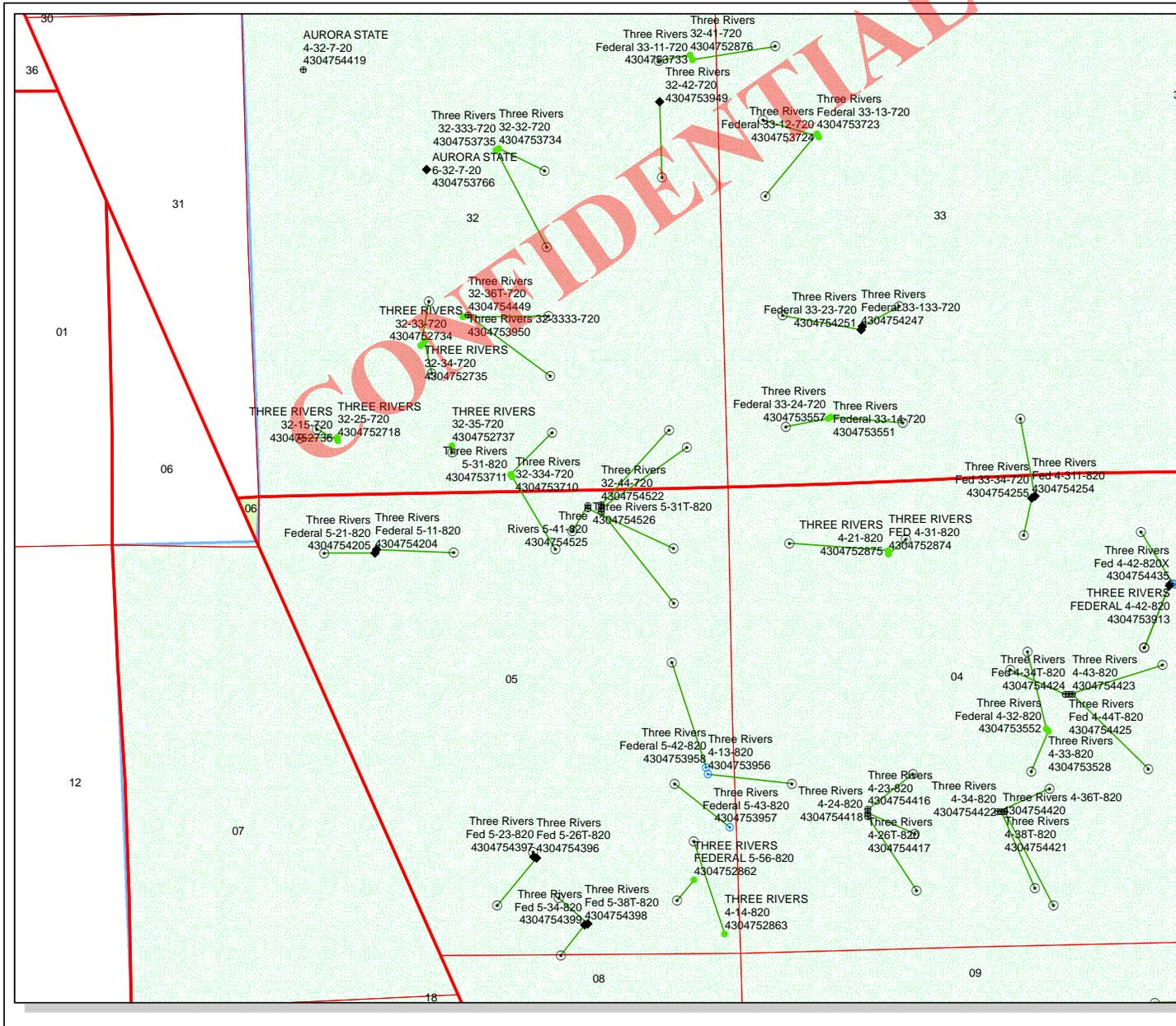
<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH - 200 EAST • (435) 789-1017 VERNAL, UTAH - 84078	
SCALE 1" = 300'	DATE 04-07-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 6 3 4 2

ULTRA RESOURCES, INC.  
THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720  
& #32-44-720  
SECTION 5, T8S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY 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 SOUTHEASTERLY DIRECTION APPROXIMATELY 11.5 MILES TO THE JUNCTION OF THIS ROAD AND 10000 S TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 38' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.9 MILES.

CONFIDENTIAL



API Number: 4304754523

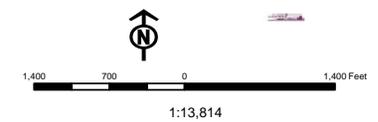
Well Name: Three Rivers 32-48T-720

Township: T08.0S Range: R20.0E Section: 05 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 6/20/2014  
Map Produced by Diana Mason

Wells Query		Units	
Status	Symbol	Status	Symbol
APD - Approved Permit	Blue diamond	ACTIVE	White box
DRL - Spudded (Drilling Commenced)	Blue circle with dot	EXPLORATORY	Light blue box
GIW - Gas Injection	Red star	GAS STORAGE	Light purple box
GS - Gas Storage	Blue star	NF PP OIL	Light green box
LOC - New Location	Green circle	PI OIL	Light yellow box
OPS - Operation Suspended	Red triangle	PP GAS	Light blue box
PA - Plugged Abandoned	Red square	PP GEOTHERML	Light purple box
PGW - Producing Gas Well	Red star	PP OIL	Light green box
POW - Producing Oil Well	Red star	SECONDARY	Light blue box
SGW - Shut-in Gas Well	Red star	TERMINATED	Light purple box
SGW - Shut-in Oil Well	Red star		
TA - Temp. Abandoned	Red circle	Fields	
TW - Test Well	Blue circle	Status	Symbol
WDW - Water Disposal	Blue circle	Unknown	White box
WW - Water Injection Well	Blue circle	ABANDONED	Light blue box
WSW - Water Supply Well	Blue circle	ACTIVE	Light green box
		COMBINED	Light purple box
		INACTIVE	Light yellow box
		STORAGE	Light blue box
		TERMINATED	Light purple box



Well Name	ULTRA RESOURCES INC Three Rivers 32-48T-720 43047545230000			
String	SURF	PROD		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	1000	7000		
Previous Shoe Setting Depth (TVD)	0	1000		
Max Mud Weight (ppg)	8.8	10.0		
BOPE Proposed (psi)	500	3000		
Casing Internal Yield (psi)	2950	5320		
Operators Max Anticipated Pressure (psi)	3650	10.0		

Calculations	<b>SURF String</b>	<b>8.625</b>	"	
Max BHP (psi)	.052*Setting Depth*MW=	458		
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>	
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
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>	
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	

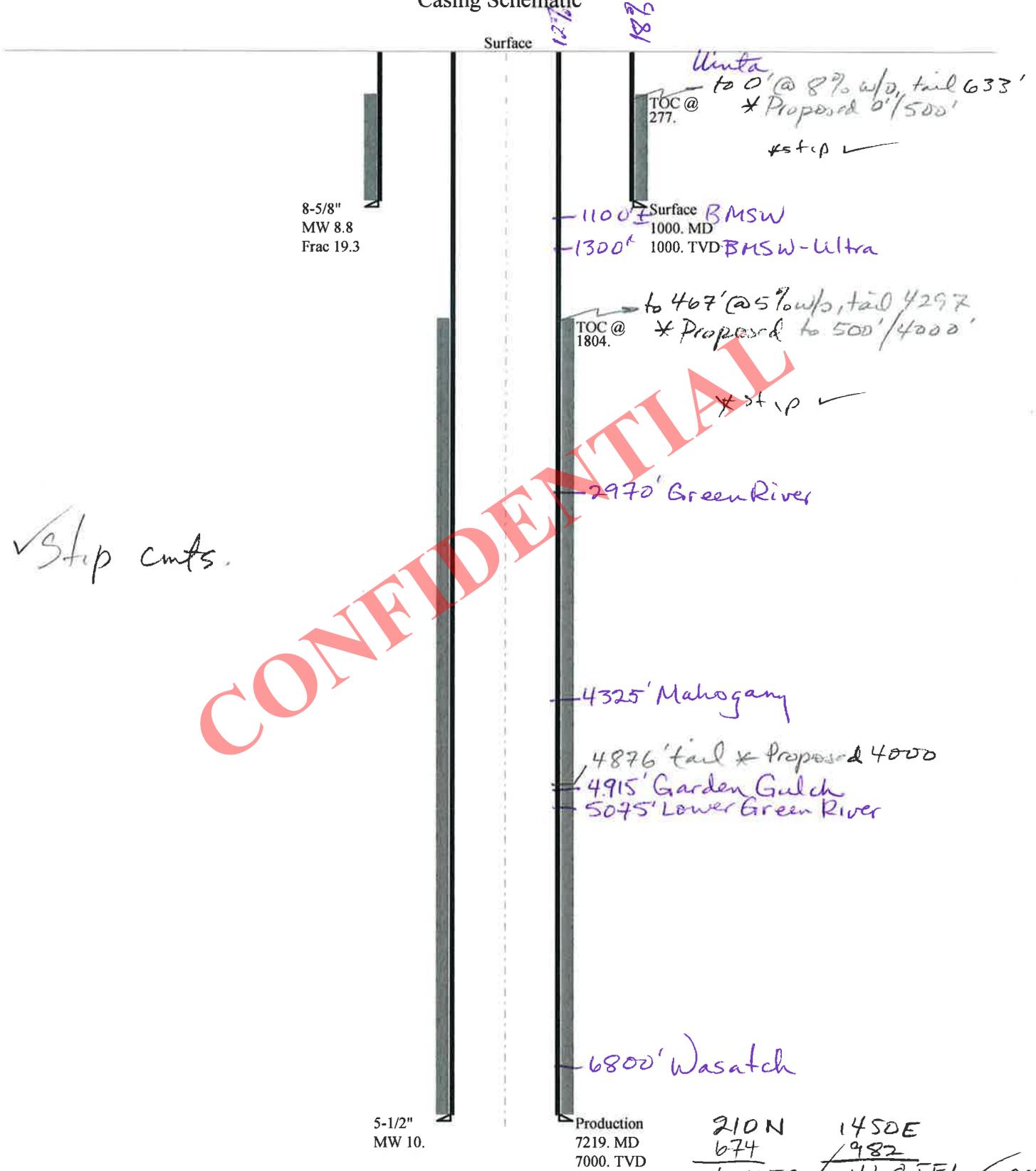
Calculations	<b>PROD String</b>	<b>5.500</b>	"	
Max BHP (psi)	.052*Setting Depth*MW=	3640		
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2800	YES	3M BOP, dbl ram, annular with diverter and rotating
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2100	YES	head
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2320	NO	OK
Required Casing/BOPE Test Pressure=		3000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient	

Calculations	<b>String</b>		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>	
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	<b>String</b>		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>	
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	

# 43047545230000 Three Rivers 32-48T-720

## Casing Schematic



✓ Stop cmts.

**CONFIDENTIAL**

Ultra  
 to 0' @ 8% w/p, tail 633'  
 \* Proposed 0'/500'  
 \* stop ✓

1100' Surface BMSW  
 1000. MD  
 1300' 1000. TVD BMSW-Ultra

to 467' @ 5% w/p, tail 4297'  
 \* Proposed to 500'/4000'  
 \* stop ✓

2970' Green River

4325' Mahogany

4876' tail \* Proposed 4000  
 4915' Garden Gulch  
 5075' Lower Green River

6800' Wasatch

8-5/8"  
 MW 8.8  
 Frac 19.3

5-1/2"  
 MW 10.

Production  
 7219. MD  
 7000. TVD

210N	1450E
674	982
464FSL ✓	468FEL ✓ OK.

NENE sec 32-75-20E

Well name:	<b>43047545230000 Three Rivers 32-48T-720</b>		
Operator:	<b>ULTRA RESOURCES INC</b>		
String type:	Surface	Project ID:	43-047-54523
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 8.800 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 88 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 277 ft

**Burst**

Max anticipated surface pressure: 880 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 1,000 psi  
  
Annular backup: 1.50 ppg

**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)

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 7,000 ft  
Next mud weight: 10.000 ppg  
Next setting BHP: 3,636 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,000 ft  
Injection pressure: 1,000 psi

Tension is based on buoyed weight.  
Neutral point: 868 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5147
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	922	2950	3.20	20.8	244	11.72 J

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

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

Date: July 21, 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.

Well name:	<b>43047545230000 Three Rivers 32-48T-720</b>		
Operator:	<b>ULTRA RESOURCES INC</b>		
String type:	Production	Project ID:	43-047-54523
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 10.000 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 172 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 1,804 ft

**Burst**

Max anticipated surface pressure: 2,096 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 3,636 psi

No backup mud specified.

**Tension:**

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

**Directional Info - Build & Drop**

Kick-off point 1200 ft  
 Departure at shoe: 1191 ft  
 Maximum dogleg: 2 °/100ft  
 Inclination at shoe: 0 °

Tension is based on buoyed weight.

Neutral point: 6,158 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7219	5.5	17.00	J-55	LT&C	7000	7219	4.767	27968
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	3636	4910	1.350	3636	5320	1.46	101	247	2.45 J

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

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

Date: July 21, 2014  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7000 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



**Berm Required? Y**  
nearby farm fields

**Erosion Sedimentation Control Required? N**

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

**Reserve Pit**

<b>Site-Specific Factors</b>		<b>Site Ranking</b>
<b>Distance to Groundwater (feet)</b>	25 to 75	15
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>		20
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>		50    1 Sensitivity Level

**Characteristics / Requirements**

There are two proposed reserve pits for this location. One pit to srve drilling 3 wells on the east side of the location and another pit for the 3 on the west.

The reserve pits as proposed are 200ft x 50ft x 10ft deep and are to be placed in cut stable locations. These pits will require 20 mil liners and felt subliners. The pits are meant to be used for 3 wells each.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 20    Pit Underlayment Required? Y**

**Other Observations / Comments**

Richard Powell  
Evaluator

7/1/2014  
Date / Time

# Application for Permit to Drill Statement of Basis

## Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9899	43047545230000	LOCKED	OW	P	No
<b>Operator</b>	ULTRA RESOURCES INC		<b>Surface Owner-APD</b>	Jean Harrison Rogers	
<b>Well Name</b>	Three Rivers 32-48T-720		<b>Unit</b>		
<b>Field</b>	THREE RIVERS		<b>Type of Work</b>	DRILL	
<b>Location</b>	NWNE 5 8S 20E S 210 FNL (UTM) 611707E 4446139N		1450 FEL GPS Coord		

### 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 1,100 feet. A search of Division of Water Rights records shows 5 water wells within a 10,000 foot radius of the center of Section 5. Well uses are listed for irrigation, domestic, oil exploration and stock watering. Depth ranges from 80 to 150 feet. Listed wells probably produce from the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect ground water in this area.

Brad Hill  
APD Evaluator

7/8/2014  
Date / Time

### Surface Statement of Basis

This proposed six well pad is on fee surface with fee minerals. Attempts were made beginning two weeks prior to this onsite inspection to contact surface owner Jean Harrison Rogers by phone. Messages were left on her voice mail twice but there was no response. This proposed location lies on a flat sparsley vegetated area. It is evident that cattle are grazed here at times. There is an abandoned canal to the south and west and across an existing oil well access road to the north and east are irrigated crop fields. Two reserve pits are proposed, each of which are to serve the drilling of three wells. One pit is on the east and the other on the west side of the location. According to John Busch of Ultra Resources each pit will be equiped with a 20 mil liner and felt subliner. This liner program appears adequate for this location. This appears to be a good site for placement of this well pad.

Richard Powell  
Onsite Evaluator

7/1/2014  
Date / Time

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

Category	Condition
Pits	A synthetic liner with a minimum thickness of mils with a felt subliner shall be properly installed and maintained in both reserve pits.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pits shall be fenced upon completion of drilling operations.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/18/2014

API NO. ASSIGNED: 43047545230000

WELL NAME: Three Rivers 32-48T-720

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 303 645-9872

CONTACT: Katherine Skinner

PROPOSED LOCATION: NWN 05 080S 200E

Permit Tech Review: 

SURFACE: 0210 FNL 1450 FEL

Engineering Review: 

BOTTOM: 0460 FSL 0460 FEL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.15818

LONGITUDE: -109.68832

UTM SURF EASTINGS: 611707.00

NORTHINGS: 4446139.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## 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

Commingle 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: 5 - Statement of Basis - bhill  
 12 - Cement Volume (3) - hmadonald  
 15 - Directional - dmason  
 25 - Surface Casing - hmadonald

RECEIVED: July 30, 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 32-48T-720

**API Well Number:** 43047545230000

**Lease Number:** FEE

**Surface Owner:** FEE (PRIVATE)

**Approval Date:** 7/30/2014

### Issued to:

ULTRA RESOURCES INC, 304 Inverness Way South #295, 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 - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

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

### General:

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

### Conditions of Approval:

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 4000' 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:**

**Approved by:**

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

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>8. WELL NAME and NUMBER:</b> Three Rivers 32-48T-720
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295 , Englewood, CO, 80112		<b>9. API NUMBER:</b> 43047545230000
<b>PHONE NUMBER:</b> 303 645-9809 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0210 FNL 1450 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 05 Township: 08.0S Range: 20.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 9/6/2014	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Ultra Resources will be moving ProPetro to spud the Three Rivers  
32-48T-820 (API #43-047-54523) on 9/6/2014.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
September 09, 2014**

<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/8/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	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 32-48T-720
2. NAME OF OPERATOR: ULTRA RESOURCES INC	9. API NUMBER: 43047545230000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295 , Englewood, CO, 80112	PHONE NUMBER: 303 645-9809 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FNL 1450 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 05 Township: 08.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: THREE RIVERS
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>9/10/2014</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

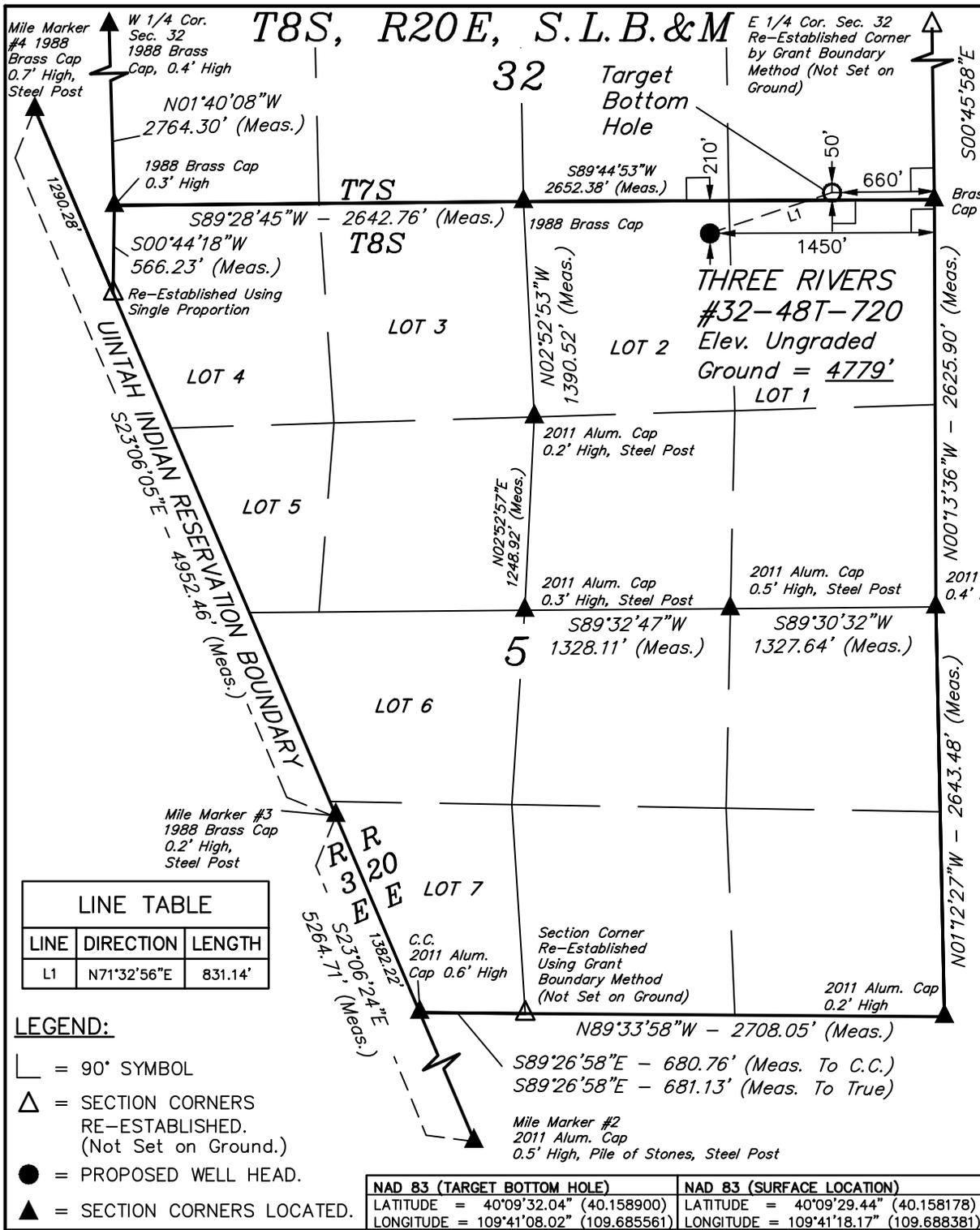
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Ultra requests to change the BHL from 460' FSL and 460' FEL to 50' FSL and 660' FEL per attached plat dated 8-22-14. Ultra's Directional Drill Letter is also attached.

**Approved by the**  
**September 18, 2014**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_  
**By:** *Derek Duff*

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A	DATE 8/27/2014	



**ULTRA RESOURCES, INC.**

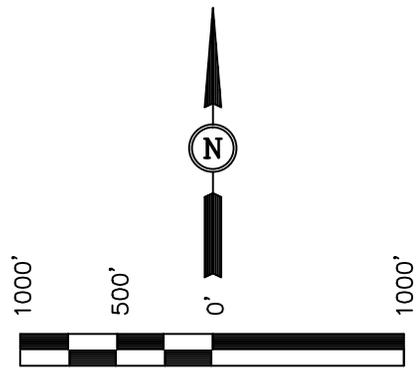
Well location, THREE RIVERS #32-48T-720, located as shown in LOT 2 of Section 5, T8S, R20E, S.L.B.&M., Uintah County, Utah.

**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.

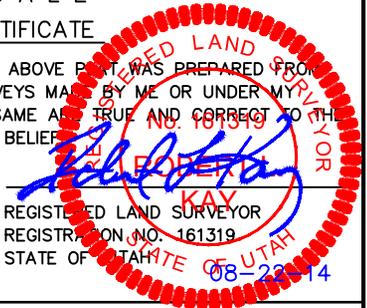
**BASIS OF BEARINGS**

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



SCALE  
CERTIFICATE

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



REVISED: 08-21-14

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

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N71°32'56"E	831.14'

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°09'32.04" (40.158900)	LATITUDE = 40°09'29.44" (40.158178)
LONGITUDE = 109°41'08.02" (109.685561)	LONGITUDE = 109°41'18.17" (109.688381)

SCALE 1" = 1000'	DATE SURVEYED: 03-24-14	DATE DRAWN: 04-16-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ULTRA RESOURCES, INC.	

**ULTRA RESOURCES, INC.**

**8 - POINT DRILLING PROGRAM**

**Slim Hole Design  
8 5/8" Surface & 5 1/2" Production Casing Design**

**DATED: 09-11-14**

**Three Rivers 32-48T-720**

**SHL: Sec 5 Lot 2 (NWNE) T7S R20E**

**Uintah, Utah**

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

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	1,300' MD / 1,300' TVD	
Green River	3,025' MD / 2,970' TVD	
Mahogany	4,440' MD / 4,325' TVD	
Garden Gulch	5,032' MD / 4,915' TVD	Oil & Associated Gas
Lower Green River*	5,192' MD / 5,075' TVD	Oil & Associated Gas
Wasatch	6,917' MD / 6,800' TVD	Oil & Associated Gas
TD	7,117' MD / 7,000' 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 appropriate agencies. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

**2. BOP Equipment**

- A) The BOPE shall be closed whenever the well is unattended. The appropriate agencies will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
- D) Choke Manifold
- 1) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
  - 2) Two adjustable chokes will be used in the choke manifold.
  - 3) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
  - 4) Pressure gauges in the well control system will be designed for drilling fluid.
- E) 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**

0 - 1,000' MD / 1,000' TVD  
1,000' MD / 1,000' TVD – 7,117' MD / 7,000' TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head  
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:**

<b>Directional Well</b>	<b>Hole Size</b>	<b>OD</b>	<b>Depth MD/TVD</b>	<b>Wt.</b>	<b>Grade &amp; Connection</b>	<b>Cond.</b>
<b>Conductor</b>	20"	16"	+/- 100' MD / 100' TVD	109.0 ppf	C-75	New
<b>Surface</b>	11"	8 5/8"	1,000' MD / 1,000' TVD	24.0 ppf	J-55, LTC	New
<b>Production</b>	7 7/8"	5 1/2"	7,117' MD / 7,000' TVD	17.0 ppf	J-55, LTC	New

**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 1/2"	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 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 3<sup>rd</sup> joint to 500' into surface casing**4. Cementing Programs****CONDUCTOR (13 3/8")**

Ready Mix – Cement to surface

**SURFACE (8 5/8")**

Cement Top - Surface

Surface – 1,000' MD / 1,000' TVD± 550 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 1/2")**

Cement Top – 500'

500' - 4,000' TVD ±

Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' – 7,117' MD / 7,000' TVD

Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 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 appropriate agencies will be notified 24 hours prior to running casing and cementing.
- D) 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.
- E) 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.
- F) "Sundry Notices and Reports on Wells", shall be filed with the appropriate agencies within 30 days after the work is completed.
- G) 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.
- H) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- I) 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 - 7,117' MD / 7,000' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) 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.

**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<sub>2</sub>S is encountered, published guidelines will be complied with.

**8. Other Information and Notification Requirements**

- A) There shall be no deviation from the proposed drilling plan as approved. Any changes in operation must have prior approval from the appropriate agency.
  - 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) Agency required notifications will be followed as outline in the approved APD.
- C) Should the well be successfully completed for production, the appropriate agencies must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:



# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5

Field: UINTAH COUNTY Well: Three Rivers 32-48T-720

Facility: Sec.05-T8S-R20E Wellbore: Three Rivers 32-48T-720 PWB

### Targets

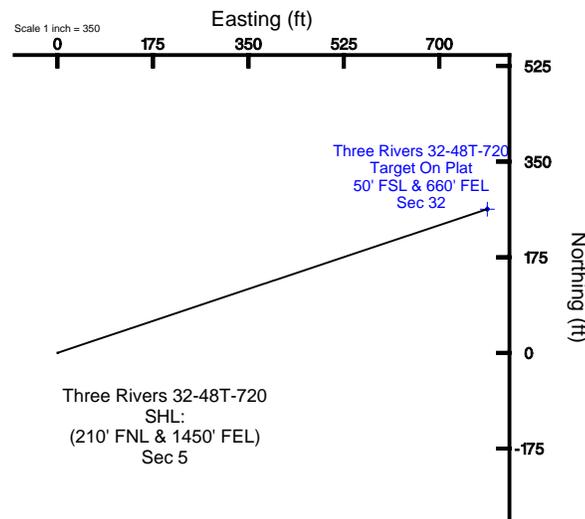
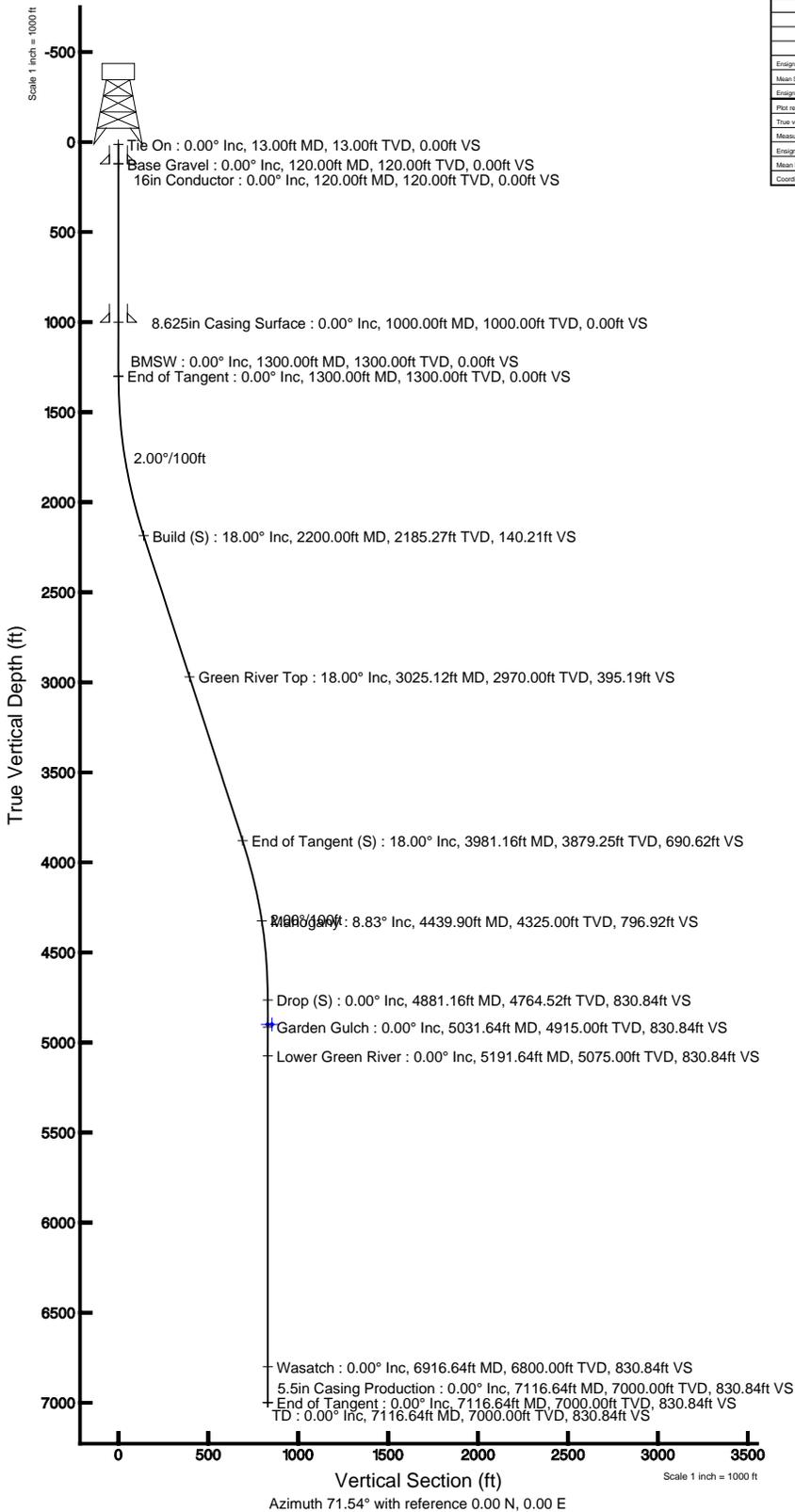
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 32-48T-720 Diller's Target Radius 5' 88' FSL & 632' FEL	4800.00	311.12	796.07	2147504.00	7231795.61	470828.51476	109°41'07.9173W	

### Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (1/100ft)	VS (ft)
Tie On	13.00	0.000	71.537	13.00	0.00	0.00	0.00	0.00
End of Tangent	1300.00	0.000	71.537	1300.00	0.00	0.00	0.00	0.00
Build (S)	2200.00	18.000	71.537	2185.27	44.40	133.00	2.00	140.21
End of Tangent (S)	3981.16	18.000	71.537	3879.25	218.71	655.08	0.00	690.62
Drop (S)	4881.16	0.000	71.537	4764.52	263.12	788.07	2.00	830.84
End of Tangent	7116.64	0.000	71.537	7000.00	263.12	788.07	0.00	830.84

### Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude		
Sec.05-T8S-R20E	2147834.390	7227332.835	47°08'48.350"N	109°41'04.830"W		
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5	4158.00	-1035.76	2148714.354	7231468.656	47°09'29.440"N	109°41'18.170"W
Engage 122 (RT) to Mud line (At Slot: Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5)					4792ft	
Mean Sea Level to Mud line (At Slot: Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5)					0ft	
Engage 122 (RT) to Mean Sea Level					4792ft	
Point reference wellbore to Three Rivers 32-48T-720 PWB						
True vertical depths are referenced to Engage 122 (RT)					Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet	
Measured depths are referenced to Engage 122 (RT)					North Reference: True north	
Engage 122 (RT) to Mean Sea Level: 4792 feet					Scale: True distance	
Mean Sea Level to Mud line (At Slot: Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5): 0 feet					Depths are in feet	
Coordinates are in feet referenced to Slot					Created by: welliams on 9/11/2014	





## Planned Wellpath Report

Three Rivers 32-48T-720 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-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	0.999915	Report Generated	9/11/2014 at 9:46:53 AM
Convergence at slot	1.16° East	Database/Source file	WellArchitectDB/Three_Rivers_32-48T-720_PWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	4158.06	-1035.76	2146714.55	7231468.66	40°09'29.440"N	109°41'18.170"W
Facility Reference Pt			2147834.39	7227332.84	40°08'48.350"N	109°41'04.830"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Ensign 122 (RT) to Facility Vertical Datum	4792.00ft
Horizontal Reference Pt	Slot	Ensign 122 (RT) to Mean Sea Level	4792.00ft
Vertical Reference Pt	Ensign 122 (RT)	Ensign 122 (RT) to Mud Line at Slot (Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5)	4792.00ft
MD Reference Pt	Ensign 122 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	71.54°



# Planned Wellpath Report

Three Rivers 32-48T-720 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-T8S-R20E		

WELLPATH DATA (84 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [%/100ft]	Comments
0.00†	0.000	71.537	0.00	0.00	0.00	0.00	0.00	
13.00	0.000	71.537	13.00	0.00	0.00	0.00	0.00	
113.00†	0.000	71.537	113.00	0.00	0.00	0.00	0.00	
120.00†	0.000	71.537	120.00	0.00	0.00	0.00	0.00	Base Gravel
213.00†	0.000	71.537	213.00	0.00	0.00	0.00	0.00	
313.00†	0.000	71.537	313.00	0.00	0.00	0.00	0.00	
413.00†	0.000	71.537	413.00	0.00	0.00	0.00	0.00	
513.00†	0.000	71.537	513.00	0.00	0.00	0.00	0.00	
613.00†	0.000	71.537	613.00	0.00	0.00	0.00	0.00	
713.00†	0.000	71.537	713.00	0.00	0.00	0.00	0.00	
813.00†	0.000	71.537	813.00	0.00	0.00	0.00	0.00	
913.00†	0.000	71.537	913.00	0.00	0.00	0.00	0.00	
1013.00†	0.000	71.537	1013.00	0.00	0.00	0.00	0.00	
1113.00†	0.000	71.537	1113.00	0.00	0.00	0.00	0.00	
1213.00†	0.000	71.537	1213.00	0.00	0.00	0.00	0.00	
1300.00	0.000	71.537	1300.00	0.00	0.00	0.00	0.00	BMSW
1313.00†	0.260	71.537	1313.00	0.03	0.01	0.03	2.00	
1413.00†	2.260	71.537	1412.97	2.23	0.71	2.11	2.00	
1513.00†	4.260	71.537	1512.80	7.91	2.51	7.51	2.00	
1613.00†	6.260	71.537	1612.38	17.08	5.41	16.20	2.00	
1713.00†	8.260	71.537	1711.57	29.72	9.41	28.19	2.00	
1813.00†	10.260	71.537	1810.26	45.81	14.51	43.45	2.00	
1913.00†	12.260	71.537	1908.33	65.33	20.69	61.97	2.00	
2013.00†	14.260	71.537	2005.66	88.27	27.95	83.73	2.00	
2113.00†	16.260	71.537	2102.13	114.59	36.29	108.69	2.00	
2200.00	18.000	71.537	2185.27	140.21	44.40	133.00	2.00	
2213.00†	18.000	71.537	2197.63	144.23	45.68	136.81	0.00	
2313.00†	18.000	71.537	2292.74	175.13	55.46	166.12	0.00	
2413.00†	18.000	71.537	2387.84	206.03	65.25	195.43	0.00	
2513.00†	18.000	71.537	2482.95	236.94	75.03	224.74	0.00	
2613.00†	18.000	71.537	2578.05	267.84	84.82	254.05	0.00	
2713.00†	18.000	71.537	2673.16	298.74	94.61	283.36	0.00	
2813.00†	18.000	71.537	2768.27	329.64	104.39	312.67	0.00	
2913.00†	18.000	71.537	2863.37	360.54	114.18	341.98	0.00	
3013.00†	18.000	71.537	2958.48	391.44	123.97	371.30	0.00	
3025.12†	18.000	71.537	2970.00	395.19	125.15	374.85	0.00	Green River Top
3113.00†	18.000	71.537	3053.58	422.35	133.75	400.61	0.00	
3213.00†	18.000	71.537	3148.69	453.25	143.54	429.92	0.00	
3313.00†	18.000	71.537	3243.79	484.15	153.32	459.23	0.00	
3413.00†	18.000	71.537	3338.90	515.05	163.11	488.54	0.00	
3513.00†	18.000	71.537	3434.01	545.95	172.90	517.85	0.00	
3613.00†	18.000	71.537	3529.11	576.85	182.68	547.16	0.00	
3713.00†	18.000	71.537	3624.22	607.76	192.47	576.47	0.00	
3813.00†	18.000	71.537	3719.32	638.66	202.26	605.79	0.00	
3913.00†	18.000	71.537	3814.43	669.56	212.04	635.10	0.00	



# Planned Wellpath Report

Three Rivers 32-48T-720 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-T8S-R20E		

WELLPATH DATA (84 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3981.16	18.000	71.537	3879.25	690.62	218.71	655.08	0.00	
4013.00†	17.363	71.537	3909.59	700.29	221.77	664.25	2.00	
4113.00†	15.363	71.537	4005.53	728.46	230.70	690.97	2.00	
4213.00†	13.363	71.537	4102.40	753.27	238.55	714.50	2.00	
4313.00†	11.363	71.537	4200.08	774.68	245.33	734.81	2.00	
4413.00†	9.363	71.537	4298.44	792.67	251.03	751.87	2.00	
4439.90†	8.825	71.537	4325.00	796.92	252.37	755.90	2.00	Mahogany
4513.00†	7.363	71.537	4397.37	807.21	255.63	765.66	2.00	
4613.00†	5.363	71.537	4496.75	818.29	259.14	776.18	2.00	
4713.00†	3.363	71.537	4596.46	825.90	261.55	783.39	2.00	
4813.00†	1.363	71.537	4696.37	830.02	262.86	787.30	2.00	
4881.16	0.000	71.537	4764.52	830.84	263.12	788.07	2.00	
4913.00†	0.000	71.537	4796.36	830.84	263.12	788.07	0.00	
5013.00†	0.000	71.537	4896.36	830.84	263.12	788.07	0.00	
5031.64†	0.000	71.537	4915.00	830.84	263.12	788.07	0.00	Garden Gulch
5113.00†	0.000	71.537	4996.36	830.84	263.12	788.07	0.00	
5191.64†	0.000	71.537	5075.00	830.84	263.12	788.07	0.00	Lower Green River
5213.00†	0.000	71.537	5096.36	830.84	263.12	788.07	0.00	
5313.00†	0.000	71.537	5196.36	830.84	263.12	788.07	0.00	
5413.00†	0.000	71.537	5296.36	830.84	263.12	788.07	0.00	
5513.00†	0.000	71.537	5396.36	830.84	263.12	788.07	0.00	
5613.00†	0.000	71.537	5496.36	830.84	263.12	788.07	0.00	
5713.00†	0.000	71.537	5596.36	830.84	263.12	788.07	0.00	
5813.00†	0.000	71.537	5696.36	830.84	263.12	788.07	0.00	
5913.00†	0.000	71.537	5796.36	830.84	263.12	788.07	0.00	
6013.00†	0.000	71.537	5896.36	830.84	263.12	788.07	0.00	
6113.00†	0.000	71.537	5996.36	830.84	263.12	788.07	0.00	
6213.00†	0.000	71.537	6096.36	830.84	263.12	788.07	0.00	
6313.00†	0.000	71.537	6196.36	830.84	263.12	788.07	0.00	
6413.00†	0.000	71.537	6296.36	830.84	263.12	788.07	0.00	
6513.00†	0.000	71.537	6396.36	830.84	263.12	788.07	0.00	
6613.00†	0.000	71.537	6496.36	830.84	263.12	788.07	0.00	
6713.00†	0.000	71.537	6596.36	830.84	263.12	788.07	0.00	
6813.00†	0.000	71.537	6696.36	830.84	263.12	788.07	0.00	
6913.00†	0.000	71.537	6796.36	830.84	263.12	788.07	0.00	
6916.64†	0.000	71.537	6800.00	830.84	263.12	788.07	0.00	Wasatch
7013.00†	0.000	71.537	6896.36	830.84	263.12	788.07	0.00	
7113.00†	0.000	71.537	6996.36	830.84	263.12	788.07	0.00	
7116.64	0.000	71.537	7000.00	830.84	263.12	788.07	0.00	TD



## Planned Wellpath Report

Three Rivers 32-48T-720 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-T8S-R20E		

HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers 32-48T-720 PWB Ref Wellpath: Three Rivers 32-48T-720 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	7116.64	6116.64	1000.00	7000.00	0.00	0.00	263.12	788.07
5.5in Casing Production	13.00	7116.64	7103.64	13.00	7000.00	0.00	0.00	263.12	788.07

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Three Rivers 32-48T-720 Driller's Target Radius: 5' 98' FSL & 652' FEL		4900.00	311.12	796.07	2147504.09	7231795.81	40°09'32.514"N	109°41'07.917"W	point
1) Three Rivers 32-48T-720 Target On Plat 50' FSL & 660' FEL Sec 32		4900.00	263.12	788.07	2147497.07	7231747.65	40°09'32.040"N	109°41'08.020"W	point



## Planned Wellpath Report

Three Rivers 32-48T-720 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 PWB
Facility	Sec.05-T8S-R20E		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	71.537	120.00	Base Gravel
1300.00	0.000	71.537	1300.00	BMSW
3025.12	18.000	71.537	2970.00	Green River Top
4439.90	8.825	71.537	4325.00	Mahogany
5031.64	0.000	71.537	4915.00	Garden Gulch
5191.64	0.000	71.537	5075.00	Lower Green River
6916.64	0.000	71.537	6800.00	Wasatch
7116.64	0.000	71.537	7000.00	TD

- . Operator name, address, and telephone number.
- . Well name and number.
- . Well location (1/4 1/4, Section, Township, Range and Meridian)
- . 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 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.



# Ultra Resources, Inc.

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August 27, 2014

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

RE: Directional Drilling – Docket No. 2014-026 / Cause No. 270-04  
**Three Rivers 32-48T-720**  
Surface Location: 210' FNL & 1450' FEL, NWNE, Sec. 5, Lot 2, T8S, R20E  
Target Location: 50' FSL & 660' FEL, SESE, Sec. 32, T7S, R20E  
SLB&M, Uintah County, Utah

Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits the below specifics concerning the proposed directional drilling of the subject well:

- The well is identified in Docket No. 2014-026 / Cause No. 270-04 ("270-04") as a "lease line" well.
- The well is located on or as close as reasonably feasible to the respective common lease line, and no closer than 460 feet to another well producing from the same formation or to a boundary with lands not subject to the 270-02 Order.
- Ultra is the sole owner of 100% of the leasehold rights with respect to all tracts within 460' around the full wellbore path of the proposed directional well.
- There are no unleased mineral interests with respect to all tracts within 460' around the full wellbore path of the proposed directional well.
- The anticipated points of intersection with the objective (spaced) formation and the anticipated productive interval are within the established setbacks.
- The bottom hole location is within the established setbacks.
- The directional drilling of the well is proposed to limit surface disturbance within the project and affected surface owners.

Therefore, based on the above stated information, Ultra requests the Sundry to change the bottom hole location be granted pursuant to the 270-04 Order.

Mr. Dustin Doucet  
August 27, 2014  
Page 2

Thank you in advance for your consideration. Please feel free to contact me at 303-645-9810 if you have any questions or comments.

Sincerely,

Jenna Anderson  
Permitting Specialist

BLM - Vernal Field Office - Notification Form

Submitted By JOHN FREITAS Phone Number 713-948-9196  
Well Name/Number Three Rivers 32-48T-820 720  
Qtr/Qtr NW/NE Section 5 Township T8S Range R20E  
Lease Serial Number ML-49319  
API Number 43-047-54523

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

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

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

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

Date/Time 10/19/2014 6:00 AM  PM

BOPE

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

Date/Time \_ \_ AM  PM

Remarks If you have any questions please call.

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>8. WELL NAME and NUMBER:</b> Three Rivers 32-48T-720
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295 , Englewood, CO, 80112		<b>9. API NUMBER:</b> 43047545230000
<b>PHONE NUMBER:</b> 303 645-9809 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0210 FNL 1450 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 05 Township: 08.0S Range: 20.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 11/7/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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  
November 12, 2014**

<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/7/2014	

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 09/25/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT J.MEJORADO/J.MEJORADO PHONE# 713-948-9196 CONTRACTOR Other  
 TD AT REPORT 1,026' FOOTAGE 906' PRATE \_\_\_\_\_ CUM. DRLG. HRS \_\_\_\_\_ DRLG DAYS SINCE SPUD 0  
 ANTICIPATED TD 7,102' PRESENT OPS Drilling at 1,026' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: \_\_\_\_\_ DH: \_\_\_\_\_ CUM. MUD LOSS SURF: \_\_\_\_\_ DH: \_\_\_\_\_  
 MUD COMPANY: \_\_\_\_\_ MUD ENGINEER: \_\_\_\_\_  
 LAST BOP TEST \_\_\_\_\_ NEXT CASING SIZE 8 5/8 NEXT CASING DEPTH 1,006 SSE 0 SSED 0

**TIME BREAKDOWN**

RIG UP / TEAR DOWN 4.00

**DETAILS**

Start End Hrs RIG UP  
 03:30 07:30 04:00

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

**FUEL AND WATER USAGE**

	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
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					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**RECENT BITS:**

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

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

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,739	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	158	683	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	30,152	30,152	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	1,246	1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	17,001	17,001	20,000
8100..605: Cementing Work	19,157	32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	7,448	7,448		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	75,162	100,895	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/13/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT J.MEJORADO/J.MEJORADO PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 1,042' FOOTAGE 0' PRATE \_\_\_\_\_ CUM. DRLG. HRS 9.0 DRLG DAYS SINCE SPUD 0  
 ANTICIPATED TD 7,102' PRESENT OPS \_\_\_\_\_ Move rig on location at 1,042' 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 7,082 SSE 0 SSED 1

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	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,739	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos		683	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		30,152	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		17,001	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		7,448		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		100,895	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/14/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT JOHN FREITAS/KING BROWN PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 1,042' FOOTAGE 0' PRATE \_\_\_\_\_ CUM. DRLG. HRS 9.0 DRLG DAYS SINCE SPUD 0  
 ANTICIPATED TD 7,102' PRESENT OPS \_\_\_\_\_ Move rig on location at 1,042' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: \_\_\_\_\_ DH: 0 CUM. MUD LOSS SURF: \_\_\_\_\_ DH: 0  
 MUD COMPANY: ANCHOR MUD ENGINEER: DAN KASTEL  
 LAST BOP TEST 10/14/2014 NEXT CASING SIZE 5 1/2 NEXT CASING DEPTH 7.082 SSE 0 SSED 1

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		2,940.0		2,940.0	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:**

	<b>Date Set</b>	<b>Size</b>	<b>Grade</b>	<b>Weight</b>	<b>Depth</b>	<b>FIT Depth</b>	<b>FIT ppg</b>
Surface	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	SEC	MM55M	12478942	12/12/12/12/12	0.552	1,036		-----

**BIT OPERATIONS:**

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		55/146	445	2,000	2.99	0.00	0		0.00	0	

**RECENT MUD MOTORS:**

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	ARROW	6197	7/8	1,036		10/14/2014	

**MUD MOTOR OPERATIONS:**

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	20	0.33	0.00	0		0.00	0	

**SURVEYS**

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
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**MUD PROPERTIES**

Type	LSND	Mud Wt	9.1	Alk.	1.2	Sand %	0.0	XS Lime lb/bbl	
Temp.	85	Gels 10sec		Cl ppm		Solids %	5.0	Salt bbls	
Visc	38	Gels 10min		Ca ppm		LGS %	3.0	LCM ppb	0.0
PV	8	pH	9.1	pF	0.1	Oil %		API WL cc	10.8
YP	2	Filter Cake/32	1	Mf	1.1	Water %		HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: TRAILER-1, ENGINEERING-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	43	Slow PSI	_____
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	_____
Pump 32 Liner	_____	Stroke Len	_____	SPM	_____	PSI	_____	GPM	_____	SPR	60	Slow PSI	_____
BHA Makeup	STEARABLE							Length	885.5			Hours on BHA	0
Up Weight	17	Dn Weight	0	RT Weight	0			Torque	0			Hours on Motor	0

**BHA MAKEUP:**

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SECURITY MM55M
2	MUD MOTOR	6.500	0.000	28.53		6151	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	32.47		08886G	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

**DAILY COSTS**

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,739	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		683	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		30,152	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		17,001	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		7,448		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		100,895	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/15/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT JOHN FREITAS/KING BROWN PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 2,036' FOOTAGE 1,000' PRATE 181.8 CUM. DRLG. HRS 14.5 DRLG DAYS SINCE SPUD 1  
 ANTICIPATED TD 7,102' PRESENT OPS Directional Drilling at 2,036' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: \_\_\_\_\_ DH: 0 CUM. MUD LOSS SURF: \_\_\_\_\_ DH: 0  
 MUD COMPANY: ANCHOR MUD ENGINEER: DAN KASTEL  
 LAST BOP TEST 10/14/2014 NEXT CASING SIZE 5 1/2 NEXT CASING DEPTH 6,982 SSE 1 SSED \_\_\_\_\_

**TIME BREAKDOWN**

DIRECTIONAL DRILLING	<u>5.50</u>	NIPPLE UP B.O.P.	<u>3.00</u>	OTHER	<u>0.50</u>
PRESSURE TEST B.O.P.	<u>5.50</u>	RIG MOVE	<u>1.00</u>	RIG REPAIRS	<u>1.50</u>
RIG UP / TEAR DOWN	<u>3.50</u>	WASH & REAM	<u>1.00</u>	WORK BHA	<u>2.50</u>

**DETAILS**

Start	End	Hrs	
06:00	06:30	00:30	RIG DOWN AND PREPAIR FOR SKID.
06:30	07:00	00:30	SAFETY MEETING W/ THIRD PARTY TRUCKING COMPANY.
07:00	08:00	01:00	SKID RIG F/ TR5-42T-820 T/TR32-48T-720.
08:00	11:00	03:00	RIG-UP SKID PACKAGES.
11:00	14:00	03:00	NIPPLE-UP BOPE. CONTINUE RIG-UP. NIPPLE UP BOP STACK, HOOK UP CHOKE LINES, ACCUMULATOR LINES, HOOK UP FLAIR LINES AND FLOW LINES, CHAIN DOWN STACK.
14:00	19:30	05:30	SAFETY MTNG AND RIG UP TESTER (WALKER TESTING). TEST BOP - PIPE RAMS, BLIND RAMS, CHOKE LINE & CHOKE VALVES, FOSV, INSIDE BOP, KILL LINE AND VALVES, CHOKE LINE T/ 250# LOW AND 3000# HIGH.(ANNULAR 250# LOW AND 1500# HIGH), CHOKE MANIFOLD & VALVES, HCR & MANUAL VALVE ALL @ 10 MIN 250 PSI LOW 10 MIN 3000 PSI HIGH - ANNULAR @ 10 MIN 1500 PSI HIGH 10 MIN 250 PSI LOW - CASING @ 30 MIN 1500 PSI -ACCUMULATOR FUNCTION TEST, RIG DOWN TESTER.
19:30	22:00	02:30	P/U DIRECTIONAL TOOLS AND ORIENT SAME. RIH T/ 905' TAG CEMENT.
22:00	23:00	01:00	CLEAN OUT CEMENT AND SHOE TRACK F/903 T/1036'
23:00	01:30	02:30	DRILL UNDER DIRECTIONAL CONTROL F/ 1036' T/1475' 439' ROP-175.6. 10-20K WOB, 125 SPM,1950 SPP,8500 TORQUE. 38 VIS, 9.1 MW.
01:30	03:00	01:30	REPAIR MUD LEAK ON TOP DRIVE.(O-RING IN MUD SAVER)
03:00	06:00	03:00	DRILL UNDER DIRECTIONAL CONTROL F/ 1475' T/2036' 561' ROP-187. 10-20K WOB, 125 SPM,1950 SPP,8500 TORQUE. 38 VIS, 9.1 MW.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, RIGGING UP. SAFETY MEETING NIGHTS: PPE,SWA, HOUSE KEEPING. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: BOP DRILL, NIGHTS REGULATORY NOTICES:NONE. DRILLS: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 4 CREW MEMBERS

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

**FUEL AND WATER USAGE**

	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	630.0			2,310.0	2,130.0
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	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	SEC	MM55M	12478942	12/12/12/12/12	0.552	1,036		-----

**BIT OPERATIONS:**

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		55/146	445	2,000	2.99	5.50	1,000	181.82	5.50	1,000	181.82

**RECENT MUD MOTORS:**

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	ARROW	6197	7/8	1,036		10/14/2014	

**MUD MOTOR OPERATIONS:**

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.33	5.50	1,000	181.82	5.50	1,000	181.82

**SURVEYS**

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/15/2014	4,146	12.1	60.07	4,042	730.4	272.37	677.71	1.1	MWD Survey Tool
10/15/2014	4,055	13.1	59.45	3,953	710.8	262.37	660.57	2.9	MWD Survey Tool
10/15/2014	3,965	15.4	64.08	3,866	688.8	251.98	641.06	1.5	MWD Survey Tool

**MUD PROPERTIES**

Type	<u>LSND</u>	Mud Wt	<u>9.1</u>	Alk.	<u>1.0</u>	Sand %	<u>0.0</u>	XS Lime lb/bbl	_____
Temp.	<u>85</u>	Gels 10sec	_____	Cl ppm	_____	Solids %	<u>5.0</u>	Salt bbls	_____
Visc	<u>38</u>	Gels 10min	_____	Ca ppm	_____	LGS %	<u>3.0</u>	LCM ppb	<u>0.0</u>
PV	<u>8</u>	pH	<u>9.1</u>	pF	<u>0.0</u>	Oil %	_____	API WL cc	<u>10.8</u>
YP	<u>2</u>	Filter Cake/32	<u>1</u>	Mf	<u>1.0</u>	Water %	_____	HTHP WL cc	_____
O/W Ratio	_____	ES	_____	WPS	_____				

Comments: TRAILER-1, ENGINEERING-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	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	—
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	—	PSI	—	GPM	—	SPR	—	Slow PSI	—
Pump 32 Liner	—	Stroke Len	—	SPM	—	PSI	—	GPM	—	SPR	60	Slow PSI	—
BHA Makeup	STEARABLE							Length	886.0			Hours on BHA	6
Up Weight	70,000	Dn Weight	45,000	RT Weight	60,000			Torque	8,500			Hours on Motor	6

**BHA MAKEUP:**

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SECURITY MM55M 5X12
2	MUD MOTOR	6.500	0.000	28.12		6151	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	32.47		42259G	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

**DAILY COSTS**

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads	500	12,239	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	420	1,103	7,500
8100..320: Mud & Chemicals	712	712	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	21,425	51,577	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	2,300	3,546	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,260	3,260	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	425	7,000	8100..535: Directional Drillin	8,500	8,500	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	1,596	18,597	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	4,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,590	13,038		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	102,365	102,365	94,000
8210..620: Wellhead/Casing Hea	6,889	6,889	20,000	Total Cost	158,782	259,677	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/16/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT JOHN FREITAS/KING BROWN PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 4,950' FOOTAGE 2,914' PRATE 126.7 CUM. DRLG. HRS 37.5 DRLG DAYS SINCE SPUD 2  
 ANTICIPATED TD 7,102' PRESENT OPS Directional Drilling at 4,950' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: 0 DH: 320 CUM. MUD LOSS SURF: 0 DH: 320  
 MUD COMPANY: ANCHOR MUD ENGINEER: DAN KASTEL  
 LAST BOP TEST 10/14/2014 NEXT CASING SIZE 5 1/2 NEXT CASING DEPTH 7,082 SSE 0 SSED 0

TIME BREAKDOWN  
 DIRECTIONAL DRILLING 23.00 OTHER 0.50 RIG SERVICE 0.50

**DETAILS**

Start	End	Hrs	
06:00	12:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/ 2036' T/3059' 1023' ROP-170.5. 10-20K WOB, 125 SPM,1950 SPP,8500 TORQUE. 38 VIS, 9.1 MW. NOTE: WE STARTED ADDING MICA AND CAL CARB AT 07:00 (2100'), 4 SACKS OF EACH EVERY 30 MIN.LOST 20 BBLS ALL AT ONCE IN THE GREEN RIVER, LOTS OF OIL ACROSS THE SHAKERS.
12:00	12:30	00:30	RIG SERVICE- LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT PUMP # 1 PUMP #2 AND HPU MOTORS.
12:30	17:30	05:00	DRILL UNDER DIRECTIONAL CONTROL F/ 3059' T/3649' 590' ROP-118. 10-20K WOB, 125 SPM,1950 SPP,8500 TORQUE. 42 VIS, 9.5 MW. NOTE: WE HAVE LOST 180 BBLS.
17:30	18:00	00:30	RE-PROGRAM MWD. DOWN LINK AND POWER-UP TOOL.
18:00	00:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/ 3649' T/3920' 271' ROP-45. 10-20K WOB, 125 SPM,1950 SPP,8500 TORQUE. 43 VIS, 9.5 MW.
00:00	06:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/ 3920' T/4950' 1030' ROP-171. 10-20K WOB, 125 SPM,2250 SPP,12500 TORQUE. 42 VIS, 9.7 MW. NOTE: WE HAVE LOST 320 BBLS TOTAL.AT 03:30 WE ADDED 25 SACKS IN ACTIVE AFTER WE STARTED LOOSING 30 BBL AN HR @ 4690'. THEN ADDED ANOTHER 25 SACKS AT 05:30 TO THE ACTIVE @ 4870'. THIS HAS HELPED SLOW THE LOSSES.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, STAYING FOCUSED DURING NORMAL OPERATIONS. SAFETY MEETING NIGHTS: PPE,SWA, MAKING CONNECTIONS AND ROUTINE OPERATIONS. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES:NONE. DRILLS: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 4 CREW MEMBERS

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

**FUEL AND WATER USAGE**

	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	1,560.0	3,000.0		3,750.0	3,690.0
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	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	SEC	MM55M	12478942	12/12/12/12/12	0.552	1,036		-----

**BIT OPERATIONS:**

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		55/146	445	2,000	2.99	23.00	2,914	126.70	28.50	3,914	137.33

**RECENT MUD MOTORS:**

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	ARROW	6197	7/8	1,036		10/14/2014	

**MUD MOTOR OPERATIONS:**

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.33	23.00	2,914	126.70	28.50	3,914	137.33

**SURVEYS**

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/16/2014	6,048	2.1	182.05	5,937	821.8	275.31	774.70	0.2	MWD Survey Tool
10/16/2014	5,957	2.1	176.67	5,846	823.0	278.67	774.66	0.3	MWD Survey Tool
10/16/2014	5,867	2.2	182.45	5,756	824.2	282.06	774.64	0.0	MWD Survey Tool

**MUD PROPERTIES**

Type	LSND	Mud Wt	9.7	Alk.	2.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	105	Gels 10sec	3	Cl ppm	1,600	Solids %	6.0	Salt bbls	
Visc	41	Gels 10min	12	Ca ppm		LGS %	3.0	LCM ppb	0.0
PV	14	pH	10.6	pF	0.0	Oil %		API WL cc	7.2
YP	8	Filter Cake/32	1	WPS	1.0	Water %	94.0	HTHP WL cc	
O/W Ratio		ES							

Comments: ANCO-DD 1,DRISPAC REGULAR 5,LIME 2,PHPA 3,SAWDUST 40,FLOWZAN 2,SODIUM BICARBONATE 5,MEGA-CIDE 2,DRISPAC LOW VIS 4,CAL-CARB 30,TRAILER-1, ENGINEERING-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	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	347
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	---	PSI	---	GPM	---	SPR	---	Slow PSI	---
Pump 32 Liner	---	Stroke Len	---	SPM	---	PSI	---	GPM	---	SPR	60	Slow PSI	---
BHA Makeup	STEARABLE							Length	886.0			Hours on BHA	29
Up Weight	70,000	Dn Weight	45,000	RT Weight	60,000			Torque	12,500			Hours on Motor	29

**BHA MAKEUP:**

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SECURITY MM55M 5X12
2	MUD MOTOR	6.500	0.000	28.12		6151	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	32.47		42259G	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

**DAILY COSTS**

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,239	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	630	1,733	7,500
8100..320: Mud & Chemicals	4,857	5,569	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	71,002	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,623	9,623	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,546	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,260	6,520	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	850	7,000	8100..535: Directional Drillin	8,150	16,650	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,597	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	9,600	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,803	18,841		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	1,585	103,950	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	58,558	318,235	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/17/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT JOHN FREITAS/KING BROWN PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 6,688' FOOTAGE 1,738' PRATE 74.0 CUM. DRLG. HRS 61.0 DRLG DAYS SINCE SPUD 3  
 ANTICIPATED TD 7,102' PRESENT OPS Directional Drilling at 6,688' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: 0 DH: 380 CUM. MUD LOSS SURF: 0 DH: 700  
 MUD COMPANY: ANCHOR MUD ENGINEER: DAN KASTEL  
 LAST BOP TEST 10/14/2014 NEXT CASING SIZE 5 1/2 NEXT CASING DEPTH 7,082 SSE 0 SSED 0

TIME BREAKDOWN  
 DIRECTIONAL DRILLING 23.50 RIG SERVICE 0.50

**DETAILS**

Start	End	Hrs	
06:00	11:30	05:30	DRILL UNDER DIRECTIONAL CONTROL F/ 4950' T/5415' 465' ROP-84.54, 10-20K WOB, 125 SPM,2250 SPP,12500 TORQUE. 42 VIS, 9.7 MW. NOTE: WE HAVE LOST 375 BBLS @ 12:00
11:30	12:00	00:30	RIG SERVICE- LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT PUMP # 1 PUMP #2 AND HPU MOTORS.
12:00	18:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/ 5415' T/5965' 550' ROP-91.6. 10-20K WOB,RPM 50-60 125 SPM,2250 SPP,12500 TORQUE. 42 VIS, 9.7 MW. NOTE: WE HAVE LOST 278 BBLS @ 16:00 FOR A TOTAL OF 653 BBLS.
18:00	22:30	04:30	DRILL UNDER DIRECTIONAL CONTROL F/ 5965' T/6253' 288' ROP-64. 10-20K WOB,RPM 50-60 125 SPM,2250 SPP,12500 TORQUE. 42 VIS, 9.7 MW.
22:30	22:30	00:00	BY-PASS SHAKERS. MUD LOSS @ 30 BBL/HR. TOTAL LOSSES APPROX 700 BBL.
22:30	00:00	01:30	DRILL UNDER DIRECTIONAL CONTROL F/ 6253' T/6394' 141' ROP-94. 10-20K WOB,RPM 50-60 125 SPM,2250 SPP,12500 TORQUE. 44 VIS, 9.7 MW. NOTE: WE HAVE LOST 700 BBLS.
00:00	06:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/ 6394' T/6688' 294' ROP-49. 20-25K WOB,RPM 50-60 125 SPM,2450 SPP,13500 TORQUE. 44 VIS, 9.7 MW. NOTE: WE HAVE LOST A TOTAL OF 700 BBLS.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA,HOUSE KEEPING. SAFETY MEETING NIGHTS: PPE,SWA, TEAM WORK. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES:NONE. DRILLS: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 4 CREW MEMBERS

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

**FUEL AND WATER USAGE**

	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	1,600.0			2,150.0	5,290.0
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	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	SEC	MM55M	12478942	12/12/12/12/12	0.552	1,036		-----

**BIT OPERATIONS:**

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		55/146	445	2,000	2.99	23.50	1,738	73.96	52.00	5,652	108.69

**RECENT MUD MOTORS:**

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	ARROW	6197	7/8	1,036		10/14/2014	

**MUD MOTOR OPERATIONS:**

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.33	23.50	1,738	73.96	52.00	5,652	108.69

**SURVEYS**

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/17/2014	7,090	2.1	154.64	6,978	822.3	240.31	788.84	0.0	Projected Survey Station
10/17/2014	6,682	2.1	154.64	6,570	821.2	253.95	782.38	0.4	MWD Survey Tool
10/17/2014	6,591	1.9	145.34	6,479	820.7	256.71	780.80	0.1	MWD Survey Tool

**MUD PROPERTIES**

Type	LSND	Mud Wt	9.8	Alk.	2.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	110	Gels 10sec	6	Cl ppm	2,000	Solids %	8.0	Salt bbls	
Visc	43	Gels 10min	11	Ca ppm		LGS %	5.0	LCM ppb	0.0
PV	14	pH	9.5	pF	1.0	Oil %		API WL cc	10.0
YP	10	Filter Cake/32	1	Mf	2.0	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: ANCO-BAR 200,POLY SWELL 2,HIGH YIELD GEL 102,MICA 41,LIME 15,PHPA 2,SAWDUST 150,FLOWZAN 4,SOLTEX 5,WALNUT 27,MEGA-CIDE 5,ECO-SEAL 40,DRISPAC REG 10,CAL-CARB 60,PALLETS A &SHRINK WRAP 18,TRAILER-1, ENGINEERING-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	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	410
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	---	PSI	---	GPM	---	SPR	---	Slow PSI	---
Pump 32 Liner	---	Stroke Len	---	SPM	---	PSI	---	GPM	---	SPR	60	Slow PSI	---
BHA Makeup	STEARABLE							Length	886.0			Hours on BHA	57
Up Weight	70,000	Dn Weight	45,000	RT Weight	60,000			Torque	12,500			Hours on Motor	57

**BHA MAKEUP:**

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SECURITY MM55M 5X12
2	MUD MOTOR	6.500	0.000	28.12		6151	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	32.47		42259G	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

**DAILY COSTS**

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,239	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	840	2,573	7,500
8100..320: Mud & Chemicals	13,898	19,467	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	90,427	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,623	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,546	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,260	9,780	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,275	7,000	8100..535: Directional Drillin	8,150	24,800	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,597	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	14,400	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,587	24,428		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		103,950	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	56,385	374,620	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/18/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT JOHN FREITAS/KING BROWN PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 7,090' FOOTAGE 402' PRATE 47.3 CUM. DRLG. HRS 69.5 DRLG DAYS SINCE SPUD 4  
 ANTICIPATED TD 7,102' PRESENT OPS Circulate at 7,090' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: 0 DH: 186 CUM. MUD LOSS SURF: 0 DH: 886  
 MUD COMPANY: ANCHOR MUD ENGINEER: DAN KASTEL  
 LAST BOP TEST 10/14/2014 NEXT CASING SIZE 5 1/2 NEXT CASING DEPTH 7,084 SSE 1 SSED 1

**TIME BREAKDOWN**

COND MUD & CIRCULATE	<u>2.50</u>	DIRECTIONAL DRILLING	<u>4.50</u>	DRILLING	<u>4.00</u>
RIG REPAIRS	<u>0.50</u>	RIG SERVICE	<u>0.50</u>	TRIPPING	<u>9.00</u>
WORK BHA	<u>3.00</u>				

**DETAILS**

Start	End	Hrs	
06:00	10:30	04:30	DRILL UNDER DIRECTIONAL CONTROL F/ 6688' T/6794' 106' ROP-23.55 20-25K WOB,RPM 50-60 125 SPM,2450 SPP,13500 TORQUE. 44 VIS, 9.7 MW. NOTE: WE HAVE LOST A TOTAL OF 1144 BBLs AS OF 07:00.
10:30	11:00	00:30	CIRC HOLE CLEAN.
11:00	15:00	04:00	FLOW CHECK NO FLOW, POOH TO CHANGE OUT BIT.CAME OUT SMOOTH DIDNT SEE ANYTHING ON THE WAY OUT.FUNCTION BLIND RAMS.
15:00	17:30	02:30	LAY DOWN BHA, REMOVE MWD TOOL, BREAK BIT AND LAY DOWN MUD MOTOR.
17:30	18:00	00:30	RIG SERV. LUBR RIG, CHECK PUMPS AND HPU.
18:00	18:30	00:30	P/U STRAIGHT MOTOR AND RIH T/500'
18:30	19:00	00:30	REPAIR IRON ROUGHNECK.
19:00	00:00	05:00	RIH T/ 6794'. BHA WENT IN THE HOLE SMOOTH.
00:00	04:00	04:00	DRILL F/ 6794' T/7090'296'(TD) @74FT/HR. WOB 20-25K, SPP 2084,115 SPM,60 RPM. LOOSING 30 BBL/HR. 9.7 MW & 41 VIS. TOTAL LOSS APPROX 1260 BBL.
04:00	06:00	02:00	CIRC AND COND WELL. LOOSING 30 BBL/HR.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA,PREPING F/ T.D. AND LOGS. SAFETY MEETING NIGHTS: PPE,SWA, TRAINING NEW CREW MEMBER. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES:NONE. DRILLS: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 5 CREW MEMBERS

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

**FUEL AND WATER USAGE**

	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	1,160.0	3,000.0		3,990.0	6,450.0
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	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	MDSI516	JJ5062	12/12/12/12/12	0.552	6,794	7,090	0-1----X--TD
1	7.875	SEC	MM55M	12478942	12/12/12/12/12	0.552	1,036	6,794	0-1-CT-S-X-X-CT-PR

**BIT OPERATIONS:**

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		50	420	2,170	2.68	4.00	296	74.00	4.00	296	74.00
1		55/146	445	2,250	2.99	4.50	106	23.56	56.50	5,758	101.91

**RECENT MUD MOTORS:**

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.875	HUNTING	ARROW	6406	7/8	6,794	7,090	10/18/2014	10/18/2014
1	6.500	HUNTING	ARROW	6197	7/8	1,036	6,794	10/14/2014	10/17/2014

**MUD MOTOR OPERATIONS:**

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	25	0.16	4.00	296	74.00	4.00	296	74.00
1	25	0.33	4.50	106	23.56	56.50	5,758	101.91

**SURVEYS**

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/17/2014	7,090	2.1	154.64	6,978	822.3	240.31	788.84	0.0	Projected Survey Station
10/17/2014	6,682	2.1	154.64	6,570	821.2	253.95	782.38	0.4	MWD Survey Tool
10/17/2014	6,591	1.9	145.34	6,479	820.7	256.71	780.80	0.1	MWD Survey Tool

**MUD PROPERTIES**

Type	LSND	Mud Wt	9.8	Alk.	1.7	Sand %	1.0	XS Lime lb/bbl	
Temp.	120	Gels 10sec	2	Cl ppm	1,800	Solids %	10.0	Salt bbls	
Visc	43	Gels 10min	5	Ca ppm	0	LGS %	9.0	LCM ppb	10.0
PV	15	pH	9.0	pF	0.3	Oil %		API WL cc	6.4
YP	8	Filter Cake/32	1	Mf	1.5	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: ANCO-BAR 296,POLY SWELL 0,HIGH YIELD GEL 73,LIGNITE-3,MICA 30,LIME 5,PHPA 0,SAWDUST 755,FLOWZAN 4,SOLTEX 29,WALNUT 28,MEGA-CIDE 0,ECO-SEAL 17,DRISPAC LO-14,CAL-CARB 30,PALLETS-16,TRAILER-1, ENGINEERING-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	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	450
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	---	PSI	---	GPM	---	SPR	---	Slow PSI	---
Pump 3 Liner	---	Stroke Len	---	SPM	---	PSI	---	GPM	---	SPR	60	Slow PSI	---
BHA Makeup	STEARABLE			Length			945.9	Hours on BHA			57		
Up Weight	165,000	Dn Weight	120,000	RT Weight	148,000	Torque			13,000	Hours on Motor			57

**BHA MAKEUP:**

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SMITH MDSI516 W/5X12'S
2	MUD MOTOR	6.500	0.000	31.43		6406	7/8 3.3STG. .16REV
3	2- STEEL D.C.'S	6.500	2.750	60.65			4.5 XH P x B
4	21 JOINTS HWDP	4.500	3.300	637.54			4.5 XH P x B
5	DRILLING JAR	6.250	2.250	32.47		42259G	4.5 XH P x B
6	6 JOINTS HWDP	4.500	3.300	182.78		RIG	4.5 XH P x B

**DAILY COSTS**

	DAILY	CUM	AFF		DAILY	CUM	AFF
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,239	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	892	3,465	7,500
8100..320: Mud & Chemicals	19,599	39,066	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	109,852	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,669	19,292	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,546	5,000	8100..520: Trucking & Hauling	315	315	10,000
8100..530: Equipment Rental	3,260	13,040	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,700	7,000	8100..535: Directional Drillin	8,150	32,950	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,597	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	19,200	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	7,319	31,747		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		103,950	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	73,854	448,474	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/19/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT JOHN FREITAS/KING BROWN PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 7,090' FOOTAGE 0' PRATE \_\_\_\_\_ CUM. DRLG. HRS 69.5 DRLG DAYS SINCE SPUD 5  
 ANTICIPATED TD 7,102' PRESENT OPS \_\_\_\_\_ Logging at 7,090' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: 0 DH: 550 CUM. MUD LOSS SURF: 0 DH: 1,436  
 MUD COMPANY: ANCHOR MUD ENGINEER: DAN KASTEL  
 LAST BOP TEST 10/14/2014 NEXT CASING SIZE 5 1/2 NEXT CASING DEPTH 7,084 SSE 1 SSED 0

**TIME BREAKDOWN**

COND MUD & CIRCULATE 7.00 TRIPPING 4.00 WIRELINE 11.00  
 WORK BHA 2.00

**DETAILS**

Start	End	Hrs	
06:00	12:00	06:00	CIRC. PUMP LCM SWEEPS OF MICA, CAL CARB,WALNUT, (20PPB) SHAKE OUT LCM (SAWDUST). FLOW CHECK NO FLOW.
12:00	13:00	01:00	POOH FROM 7090' TO 6494,PULLED FREE.
13:00	14:00	01:00	PUMP PILL, SAW GAS (3193 UNITS), CIRC OUT GAS AND GET THE MUD IN AND OUT AT A 9.8.
14:00	17:00	03:00	POOH FROM 6494' TO 946'
17:00	19:00	02:00	LAY DOWN BHA, BREAK BIT AND LAY DOWN MOTOR.
19:00	23:30	04:30	R/U HALLIBURTON WIRELINE, SAFETY MEETING AND LOG WELL. RUN IN WIRELINE TOOLS, LINE SPEED DOWN 200 FPM, LINE SPEED UP 60 FPM / LOGGERS DEPTH 7080',TOOLS- RELEASABLE WIRELINE CABLE HEAD,GAMMA TELEMETRY, DUEL SPACE NEUTRON, DNS DECENTRALIZER, SPECTRAL DENSITY TOOL,DENSITY INSITE PAD, ARRAY COMPENSATED TRUE RESISTIVITY INSTRUMENT SECTION, ARRAY COMPENSATED RESISTIVITY SONDE SECTION, ROLLER BOGIE. RIG DOWN AND RELEASE.
23:30	06:00	06:30	R/U SCHULMBERGER LOGGERS SAFETY MTNG. RIH W/ SIDE WALL CORE TOOL T/6958' AND COLLECT SIDE WALL CORES AS PER GEOLOGIST ON LOCATION. MUD LOSS DURING LOGGING OPERATIONS 26 BBL. (11 HOURS)(10 CORES CUT AT 06:00)
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA,PREPING F/ T.D. AND LOGS. SAFETY MEETING NIGHTS: PPE,SWA, TRIPPING AND LOGGING. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES:NOTICE TO STATE TO RUN PRODUCTION CASING, AND NOTICE TO TEST BOP ON THE TR 32-44-720. DRILLS: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 5 CREW MEMBERS

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

**FUEL AND WATER USAGE**

	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	691.0			3,299.0	7,141.0
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	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	MDSI516	JJ5062	12/12/12/12	0.552	6,794	7,090	0-0--X-X--TD
1	7.875	SEC	MM55M	12478942	12/12/12/12	0.552	1,036	6,794	0-1-CT-S-X-X-CT-PR

**BIT OPERATIONS:**

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		50	420	2,170	2.68	0.00	0		4.00	296	74.00
1		55/146	445	2,250	2.99	4.50	106	23.56	56.50	5,758	101.91

**RECENT MUD MOTORS:**

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.875	HUNTING	ARROW	6406	7/8	6,794	7,090	10/18/2014	10/18/2014
1	6.500	HUNTING	ARROW	6197	7/8	1,036	6,794	10/14/2014	10/17/2014

**MUD MOTOR OPERATIONS:**

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	25	0.16	0.00	0		4.00	296	74.00
1	25	0.33	4.50	106	23.56	56.50	5,758	101.91

**SURVEYS**

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/17/2014	7,090	2.1	154.64	6,978	822.3	240.31	788.84	0.0	Projected Survey Station
10/17/2014	6,682	2.1	154.64	6,570	821.2	253.95	782.38	0.4	MWD Survey Tool
10/17/2014	6,591	1.9	145.34	6,479	820.7	256.71	780.80	0.1	MWD Survey Tool

**MUD PROPERTIES**

Type	LSND	Mud Wt	9.8	Alk.	1.2	Sand %	0.0	XS Lime lb/bbl	
Temp.	110	Gels 10sec	3	Cl ppm	1,800	Solids %	9.0	Salt bbls	
Visc	44	Gels 10min	8	Ca ppm	10	LGS %	7.0	LCM ppb	0.0
PV	16	pH	9.3	pF	1.2	Oil %		API WL cc	7.6
YP	12	Filter Cake/32	1	Mf	0.3	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: ANCO-BAR 146,POLY SWELL 0,HIGH YIELD GEL 79,LIGNITE-0,MICA 54,LIME 9,PHPA 0,SAWDUST 755,FLOWZAN 5,SOLTEX 6,WALNUT-40,MEGA CIDE 3,ECO-SEAL 19,DRISPAC LO-9,CAL-CARB 0,PALLETS-36,SHRINK-8TRAILER-1, ENGINEERING-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	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	450
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	---	PSI	---	GPM	---	SPR	---	Slow PSI	---
Pump 3 Liner	---	Stroke Len	---	SPM	---	PSI	---	GPM	---	SPR	60	Slow PSI	---
BHA Makeup	STEARABLE			Length			945.9	Hours on BHA			57		
Up Weight	165,000	Dn Weight	120,000	RT Weight	148,000	Torque			13,000	Hours on Motor			57

**BHA MAKEUP:**

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SMITH MDSI516 W/5X12'S
2	MUD MOTOR	6.500	0.000	31.43		6406	7/8 3.3STG. .16REV
3	2- STEEL D.C.'S	6.500	2.750	60.65			4.5 XH P x B
4	21 JOINTS HWDP	4.500	3.300	637.54			4.5 XH P x B
5	DRILLING JAR	6.250	2.250	32.47		42259G	4.5 XH P x B
6	6 JOINTS HWDP	4.500	3.300	182.78		RIG	4.5 XH P x B

**DAILY COSTS**

	DAILY	CUM	AFF		DAILY	CUM	AFF
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,239	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	420	3,885	7,500
8100..320: Mud & Chemicals	10,884	49,950	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	129,277	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		19,292	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,546	5,000	8100..520: Trucking & Hauling		315	10,000
8100..530: Equipment Rental	3,260	16,300	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	2,825	4,525	7,000	8100..535: Directional Drillin		32,950	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,597	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole	16,858	16,858	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	24,000	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	6,431	38,178		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		103,950	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	64,903	513,377	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/20/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT JOHN FREITAS/KING BROWN PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 7,090' FOOTAGE 0' PRATE \_\_\_\_\_ CUM. DRLG. HRS 69.5 DRLG DAYS SINCE SPUD 6  
 ANTICIPATED TD 7,102' PRESENT OPS Run Production Casing at 7,090' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: 0 DH: 75 CUM. MUD LOSS SURF: 0 DH: 1,511  
 MUD COMPANY: ANCHOR MUD ENGINEER: DAN KASTEL  
 LAST BOP TEST 10/14/2014 NEXT CASING SIZE 5 1/2 NEXT CASING DEPTH 7,084 SSE 0 SSED 0

TIME BREAKDOWN  
 CASING & CEMENT 6.00 WIRELINE 18.00

**DETAILS**

Start	End	Hrs	
06:00	07:30	01:30	WIRELINE CORE- CUT 6 CORES FOR A TOTAL OF 16 CORES. CORE 11 THRU 16,6714' TO 6599'
07:30	09:30	02:00	WIRELINE CORE- CUT 8 CORES FOR A TOTAL OF 24 CORES, CORE 17 THRU 24, 6584' TO 6352'
09:30	11:30	02:00	WIRELINE CORE- CUT 5 CORES FOR A TOTAL OF 29 CORES, CORE 18 THRU 29, 6352' TO 6198', DECISION MADE TO POOH AND CHECK TOOLS FOR LCM, IT WAS SHOWING IN PRESSURE THAT THE TOOL WAS PUSHING THE CORES INTO THE BAREL COLLECTION AREA.
11:30	13:30	02:00	EMPTY CORES FROM TOOL, 29 OUT OF 29 CORES RECOVERED, AFTER LOOKING AT THE TOOLS THERE WAS VERY LITTLE LCM IN THE FIRST CORES CUT AND A TRACE OF LCM IN THE LAST CORES CUT. 48 BBLs LOST AS OF 13:30.
13:30	14:00	00:30	MAKE UP TOOLS TO RUN BACK IN THE HOLE.
14:00	14:30	00:30	RUN BACK IN THE HOLE.
14:30	15:30	01:00	WIRELINE CORE- CUT 3 CORES FOR A TOTAL OF 32 CORES, CORE 30 THRU 32, 6198' TO 6080'.
15:30	16:30	01:00	WIRELINE CORE- CUT 2 CORES FOR A TOTAL OF 34 CORES, CORE 33 THRU 34, 6080' TO 5978'. HAVE LOST 59 BBLs AS OF 16:30.
16:30	18:00	01:30	WIRELINE CORE- CUT 8 CORES FOR A TOTAL OF 42 CORES, CORE 35 THRU 42, 5978' TO 5415'. HAVE LOST 66 BBLs AS OF 18:00.
18:00	21:00	03:00	WIRELINE CORE- CUT 11 CORES FOR A TOTAL OF 53 CORES, CORE 42 THRU 53, 5415' TO 5205'. HAVE LOST 68 BBLs.
21:00	00:00	03:00	POOH W/ CORE TOOLS. RECOVER 22 OF 23 CORE SAMPLES. R/D SCHULMBERGER.
00:00	01:00	01:00	PREP RIG FOR CASING, LOAD RACKS AND SAFETY MTNG.
01:00	06:00	05:00	RUN 5 1/2" PRODUCTION CASING. FLOAT SHOE, FLOAT COLLAR, 47 JOINTS N-80 17# LT&C CASING, MARKER A, 28 JOINTS J-55 17# LT&C CASING, MARKER B, 86 JOINTS 17# J-55 LT&C CASING, PUP, HANGING MANDREL, LANDING JOINT. SET DEPTH 7069' RKB.
05:55	05:55	00:00	SAFETY MEETING DAYS: PPE, SWA, LOGGING AND RIGGING UP BOILER. SAFETY MEETING NIGHTS: PPE, SWA, RUNNING CASING. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES: NONE. DRILLS: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 5 CREW MEMBERS

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

**FUEL AND WATER USAGE**

	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	289.0			3,010.0	7,430.0
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
Production	10/20/2014	5 1/2	N-80	17	7,068		
Production	10/20/2014	5 1/2	J-55	17	5,033		
Surface	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	MDSI516	JJ5062	12/12/12/12/12	0.552	6,794	7,090	0-0--X-X--TD
1	7.875	SEC	MM55M	12478942	12/12/12/12/12	0.552	1,036	6,794	0-1-CT-S-X-X-CT-PR

**BIT OPERATIONS:**

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		50	420	2,170	2.68	0.00	0		4.00	296	74.00
1		55/146	445	2,250	2.99	4.50	106	23.56	56.50	5,758	101.91

**RECENT MUD MOTORS:**

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.875	HUNTING	ARROW	6406	7/8	6,794	7,090	10/18/2014	10/18/2014
1	6.500	HUNTING	ARROW	6197	7/8	1,036	6,794	10/14/2014	10/17/2014

**MUD MOTOR OPERATIONS:**

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	25	0.16	0.00	0		4.00	296	74.00
1	25	0.33	4.50	106	23.56	56.50	5,758	101.91

**SURVEYS**

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/17/2014	7,090	2.1	154.64	6,978	822.3	240.31	788.84	0.0	Projected Survey Station
10/17/2014	6,682	2.1	154.64	6,570	821.2	253.95	782.38	0.4	MWD Survey Tool
10/17/2014	6,591	1.9	145.34	6,479	820.7	256.71	780.80	0.1	MWD Survey Tool

**MUD PROPERTIES**

Type	LSND	Mud Wt	9.7	Alk.	1.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	110	Gels 10sec	3	Cl ppm	1,800	Solids %	8.0	Salt bbls	
Visc	43	Gels 10min	7	Ca ppm	10	LGS %	6.0	LCM ppb	0.0
PV	14	pH	8.8	pF	0.1	Oil %		API WL cc	7.2
YP	8	Filter Cake/32	1	Mf	1.2	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: ANCO-BAR 246,HI-YIELD GEL 18,SAWDUST 145,PALLETS AND SHRINK WRAP 16,TRAILER-1, ENGINEERING-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	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	450
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	60	Slow PSI	
BHA Makeup		STEARABLE						Length	945.9			Hours on BHA	57
Up Weight	165,000	Dn Weight	120,000	RT Weight	148,000			Torque	13,000			Hours on Motor	57

**BHA MAKEUP:**

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SMITH MDSI516 W/5X12'S
2	MUD MOTOR	6.500	0.000	31.43		6406	7/8 3.3STG. .16REV
3	2- STEEL D.C.'S	6.500	2.750	60.65			4.5 XH P x B
4	21 JOINTS HWDP	4.500	3.300	637.54			4.5 XH P x B
5	DRILLING JAR	6.250	2.250	32.47		42259G	4.5 XH P x B
6	6 JOINTS HWDP	4.500	3.300	182.78		RIG	4.5 XH P x B

**DAILY COSTS**

	DAILY	CUM	AFF		DAILY	CUM	AFF
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,239	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamat				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos		3,885	7,500
8100..320: Mud & Chemicals	6,925	56,875	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	148,702	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		19,292	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers	14,380	14,380	15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	2,383	5,929	5,000	8100..520: Trucking & Hauling		315	10,000
8100..530: Equipment Rental	3,260	19,560	25,000	8100..531: Down Hole Motor Ren	4,495	4,495	1,500
8100..532: Solids Control Equi	425	4,950	7,000	8100..535: Directional Drillin	18,373	51,323	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,597	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole	110,932	127,790	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	28,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		38,178		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		103,950	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	185,398	698,775	717,000

**ULTRA RESOURCES, INC.**  
**DAILY DRILLING REPORT DATE: 10/21/2014**

WELL NAME THREE RIVERS 32-48T-720 AFE# 140977 SPUD DATE 10/14/2014  
 WELL SITE CONSULTANT JOHN FREITAS/KING BROWN PHONE# 713-948-9196 CONTRACTOR Ensign 122  
 TD AT REPORT 7,090' FOOTAGE 0' PRATE \_\_\_\_\_ CUM. DRLG. HRS 69.5 DRLG DAYS SINCE SPUD 6  
 ANTICIPATED TD 7,102' PRESENT OPS \_\_\_\_\_ Rig release at 7,090' GEOLOGIC SECT. \_\_\_\_\_  
 DAILY MUD LOSS SURF: 0 DH: 75 CUM. MUD LOSS SURF: 0 DH: 1,586  
 MUD COMPANY: ANCHOR MUD ENGINEER: DAN KASTEL  
 LAST BOP TEST 10/14/2014 NEXT CASING SIZE 5 1/2 NEXT CASING DEPTH 7,069 SSE 0 SSED 0

**TIME BREAKDOWN**

CASING & CEMENT 6.00 RIG UP / TEAR DOWN 2.00

**DETAILS**

Start	End	Hrs	
06:00	07:30	01:30	RUN 5 1/2" PRODUCTION CASING. FLOAT SHOE,FLOAT COLLAR,47 JOINTS N-80 17# LT&C CASING, MARKER A, 28 JOINTS J-55 17# LT&C CASING, MARKER B, 86 JOINTS 17# J-55 LT&C CASING,PUP, HANGING MANDREL, LANDING JOINT. SET DEPTH 7069' RKB.
07:30	09:00	01:30	CIRC 2X BOTTOMS UP HAD SOME GAS ON BOTTOMS UP OF 5039 UNITS, MUD GOING IN 9.8 AND COMMING OUT WAS A 9.3+.CIRC UNTILL WE HAD A 9.8 IN AND OUT.RIG UP HALLIBURTON WHILE CIRC HOLE.
09:00	12:00	03:00	PUMP 3 BBL WATER AND TEST LINES T/5000#.MIX AND PUMP 50BBL TUNED SPACER. MIX AND PUMP 235 SACKS (146 BBL) 11.0 PPG LEAD CEMENT. MIX AND PUMP 480 SACKS (115 BBL) 14.0 PPG TAIL CEMENT.SHUT DOWN AND RELEASE WIPER PLUG. DISPLACE W/ 164.1 BBL WATER,RETURNS SLOWED AT 130 BBL IN TO DISPLACEMENT.BUMP PLUG W/1775 PSI PRESSURE TO 2275 PSI AND HOLD 3 MINUTES. BLEED BACK 1.25 BBL AND CHECK FLOATS, NO CEMENT TO SURFACE R/D AND RELEASE HALLIBURTON.
12:00	14:00	02:00	RIG DOWN TO SKID THE RIG TO THE TR 32-44-720, RIG RELEASE AT 14:00 HRS

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

**FUEL AND WATER USAGE**

	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	0.0		3,010.0	0.0	7,430.0
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**

FLOAT SHOE,FLOAT COLLAR,47 JOINTS N-80 17# LT&C CASING, MARKER A SET AT 5015, 28 JOINTS J-55 17# LT&C CASING, MARKER B SET AT 3771', 86 JOINTS 17# J-55 LT&C CASING,PUP, HANGING MANDREL, LANDING JOINT. SET DEPTH 7069' RKB.

**CEMENT JOB SUMMARY**

PUMP 3 BBL WATER AND TEST LINES T/5000#.MIX AND PUMP 50BBL TUNED SPACER. MIX AND PUMP 235 SACKS (146 BBL) 11.0 PPG LEAD CEMENT. MIX AND PUMP 480 SACKS (115 BBL) 14.0 PPG TAIL CEMENT.SHUT DOWN AND RELEASE WIPER PLUG. DISPLACE W/ 164.1 BBL WATER,RETURNS SLOWED AT 130 BBL IN TO DISPLACEMENT.BUMP PLUG W/1775 PSI PRESSURE TO 2275 PSI AND HOLD 3 MINUTES. BLEED BACK 1.25 BBL AND CHECK FLOATS, NO CEMENT TO SURFACE R/D AND RELEASE HALLIBURTON.

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	10/20/2014	5 1/2	N-80	17	7,068		
Production	10/20/2014	5 1/2	J-55	17	5,033		
Surface	09/25/2014	8 5/8	J-55	24	1,019		
Conductor	09/06/2014	16	ARJ-55	45	120		

**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	MDSI516	JJ5062	12/12/12/12/12	0.552	6,794	7,090	0-0--X-X--TD
1	7.875	SEC	MM55M	12478942	12/12/12/12/12	0.552	1,036	6,794	0-1-CT-S-X-X-CT-PR

**BIT OPERATIONS:**

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		50	420	2,170	2.68	0.00	0		4.00	296	74.00
1		55/146	445	2,250	2.99	4.50	106	23.56	56.50	5,758	101.91

**RECENT MUD MOTORS:**

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
2	6.875	HUNTING	ARROW	6406	7/8	6,794	7,090	10/18/2014	10/18/2014
1	6.500	HUNTING	ARROW	6197	7/8	1,036	6,794	10/14/2014	10/17/2014

**MUD MOTOR OPERATIONS:**

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2	25	0.16	0.00	0		4.00	296	74.00
1	25	0.33	4.50	106	23.56	56.50	5,758	101.91

**SURVEYS**

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/17/2014	7,090	2.1	154.64	6,978	822.3	240.31	788.84	0.0	Projected Survey Station
10/17/2014	6,682	2.1	154.64	6,570	821.2	253.95	782.38	0.4	MWD Survey Tool
10/17/2014	6,591	1.9	145.34	6,479	820.7	256.71	780.80	0.1	MWD Survey Tool

**MUD PROPERTIES**

Type	LSND	Mud Wt	9.7	Alk.	1.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	110	Gels 10sec	3	Cl ppm	1,800	Solids %	8.0	Salt bbls	
Visc	43	Gels 10min	7	Ca ppm	10	LGS %	6.0	LCM ppb	0.0
PV	14	pH	8.8	pF	0.0	Oil %		API WL cc	7.2
YP	8	Filter Cake/32	1	Mf	1.0	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments:

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	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	450
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	---	PSI	---	GPM	---	SPR	---	Slow PSI	---
Pump 3 Liner	---	Stroke Len	---	SPM	---	PSI	---	GPM	---	SPR	60	Slow PSI	---
BHA Makeup	STEARABLE			Length			945.9	Hours on BHA			57		
Up Weight	165,000	Dn Weight	120,000	RT Weight	148,000	Torque			13,000	Hours on Motor			57

**BHA MAKEUP:**

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		12478942	SMITH MDSI516 W/5X12'S
2	MUD MOTOR	6.500	0.000	31.43		6406	7/8 3.3STG. .16REV
3	2- STEEL D.C.'S	6.500	2.750	60.65			4.5 XH P x B
4	21 JOINTS HWDP	4.500	3.300	637.54			4.5 XH P x B
5	DRILLING JAR	6.250	2.250	32.47		42259G	4.5 XH P x B
6	6 JOINTS HWDP	4.500	3.300	182.78		RIG	4.5 XH P x B

**DAILY COSTS**

	DAILY	CUM	AFF		DAILY	CUM	AFF
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		12,239	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		3,885	7,500
8100..320: Mud & Chemicals		56,875	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	6,474	155,176	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		19,292	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers		14,380	15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	84	6,013	5,000	8100..520: Trucking & Hauling		315	10,000
8100..530: Equipment Rental	5,577	25,137	25,000	8100..531: Down Hole Motor Ren		4,495	1,500
8100..532: Solids Control Equi	141	5,091	7,000	8100..535: Directional Drillin		51,323	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,597	20,000
8100..605: Cementing Work		32,626	25,000	8100..610: P & A			
8100..700: Logging - Openhole		127,790	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	1,600	30,400	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		38,178		8100..950: Administrative O/H			
8100..999: Non Operated IDC			7,000	8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling				8200..530: Equipment Rental			37,500
8200..605: Cementing Work	40,860	40,860	25,000	8210..600: Production Casing	2,241	106,191	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	56,977	755,752	717,000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>8. WELL NAME and NUMBER:</b> Three Rivers 32-48T-720
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295 , Englewood, CO, 80112		<b>9. API NUMBER:</b> 43047545230000
<b>PHONE NUMBER:</b> 303 645-9809 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0210 FNL 1450 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 05 Township: 08.0S Range: 20.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/17/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

First Production occurred on the TR32-48T-720 on 11/17/2014.

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

<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/20/2014	

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UT034</b>	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR: <b>Ultra Resources, Inc.</b>		7. UNIT or CA AGREEMENT NAME	
3. ADDRESS OF OPERATOR: <b>304 Inverness Way So. CITY Englewood STATE CO ZIP 80112</b>		8. WELL NAME and NUMBER: <b>THREE RIVERS 32-48T-720</b>	
PHONE NUMBER: <b>(303) 645-9804</b>		9. API NUMBER: <b>4304754523</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>210 FNL 1450 FEL 40.158178 109.688381</b>		10 FIELD AND POOL, OR WILDCAT <b>THREE RIVERS</b>	
AT TOP PRODUCING INTERVAL REPORTED BELOW: <b>90 FSL 675 FEL 40.159010 109.685616</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNE 5 8S 20E</b>	
AT TOTAL DEPTH: <b>27 FSL 659 FEL 40.158838 109.685558</b>		12. COUNTY <b>Uintah</b>	13. STATE <b>UTAH</b>
14. DATE SPURRED: <b>9/6/2014</b>	15. DATE T.D. REACHED: <b>10/18/2014</b>	16. DATE COMPLETED: <b>11/17/2014</b>	17. ELEVATIONS (DF, RKB, RT, GL): <b>GL 4779.6</b>
18. TOTAL DEPTH: MD <b>7,090</b> TVD <b>6,978</b>		19. PLUG BACK T.D.: MD <b>7,065</b> TVD <b>6,953</b>	20. IF MULTIPLE COMPLETIONS, HOW MANY? *
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <b>Triple Combo, CBL</b>		21. DEPTH BRIDGE MD PLUG SET: TVD	
		23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (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	120				0	
12 1/4	8 5/8 J-55	24	0	1,019		675		0	
7 7/8	5 1/2 J-55	17	0	5,033		715		200	
7 7/8	5 1/2 N-80	17	5,033	7,068		715		200	

**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	5,260							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Lower GR	5,202	6,959		
(B)				
(C)				
(D)				

**27. PERFORATION RECORD**

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,202 6,959		264	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

WAS WELL HYDRAULICALLY FRACTURED? YES  NO  IF YES -- DATE FRACTURED: **11/11/2014**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
<b>5202 to 6959</b>	<b>Fracture/Stimulate 7 Stages</b>

**29. ENCLOSED ATTACHMENTS:**

- |   |  |  |  |
|---|--|--|--|
| <input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS              | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT              | <input checked="" type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS   | <input checked="" type="checkbox"/> OTHER: _____ |  |

**30. WELL STATUS:**

**POW**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 11/17/2014		TEST DATE: 11/23/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 2,101	GAS - MCF: 111	WATER - BBL: 298	PROD. METHOD: 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.

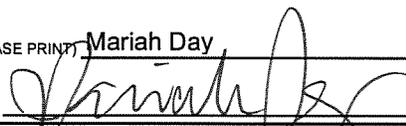
34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	3,001
				Mahoqany	4,423
				Lower Green River	5,180
				Wasatch	6,961

35. ADDITIONAL REMARKS (Include plugging procedure)

Frac material used: 4000 gal HC1 Acid, 838276 gal FR-66 Water, 265124 gal DeltaFrac Fluid, 944704 lbs 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) Mariah Day TITLE Permitting Agent  
 SIGNATURE  DATE 11/16/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- 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.

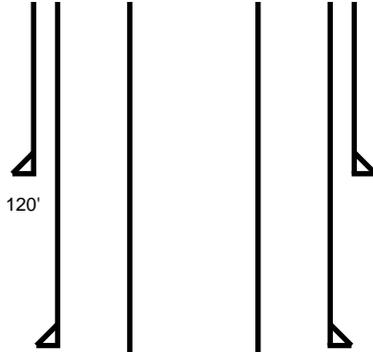
\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

Proposed  
 As Is

**THREE RIVERS 32-48T-720** GL: 4,779.6, KB: 4,792.1  
**Sec 5, 8S, 20E** Uintah County, Utah

	Size	Weight	Grade	Depth	Sks/Cmt
<b>Conductor</b>	16	45	ARJ-55	120	
<b>Surface</b>	8 5/8	24	J-55	1019	675
<b>Production</b>	5 1/2	17	J-55	5033	715
<b>Production</b>	5 1/2	17	N-80	7068	715
<b>Cement Top</b>				200	



STAGE	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
1	6958-6959	6950-6952	6938-6939	6932-6933	6922-6923	6884-6885	6868-6869
2	6739-6741	6732-6733	6728-6729	6720-6721	6713-6714	6709-6710	6699-6700
3	6631-6633	6598-6600	6585-6586	6564-6565	6555-6556	6535-6536	6522-6523
4	6390-6392	6366-6367	6350-6351	6343-6344	6310-6311	6278-6279	6265-6266
5	6126-6128	6107-6108	6085-6086	6064-6065	6053-6054	6043-6044	6022-6023
6	5700-5702	5675-5676	5660-5661	5635-5636	5624-5625	5491-5492	5467-5468
7	5344-5345	5335-5336	5331-5332	5299-5300	5292-5293	5284-5285	5278-5279

Stage	Date	Av.Rate	Av.Press	Proppant	CleanFluid	Tracer	Screenout
1	11/11/2014	48.0	2,886	134,757	3,221		N
2	11/11/2014	51.0	2,622	119,517	3,161		N
3	11/12/2014	51.0	1,688	132,951	3,819		N
4	11/13/2014	49.0	2,853	177,957	5,243		N
5	11/13/2014	50.0	2,888	188,968	5,221		N
6	11/13/2014	52.0	3,412	82,352	2,594		N
7	11/14/2014	56.0	3,203	108,202	3,179		N
Totals:				944,704	26,438		

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
09/25/2014	10/14/2014	10/18/2014	10/20/2014	11/17/2014	

CBL Top  
1,660'

5,033'

PBTB  
7,065'  
7,068'



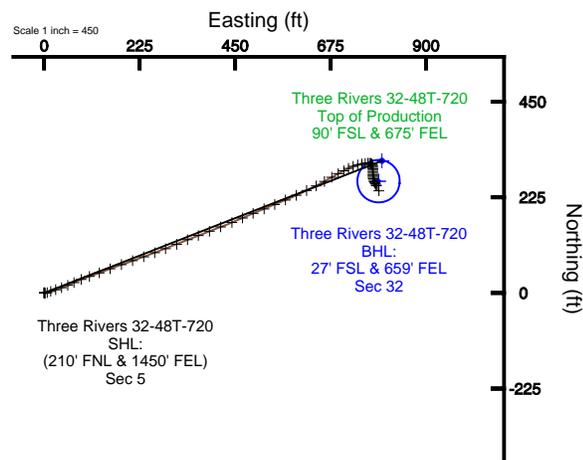
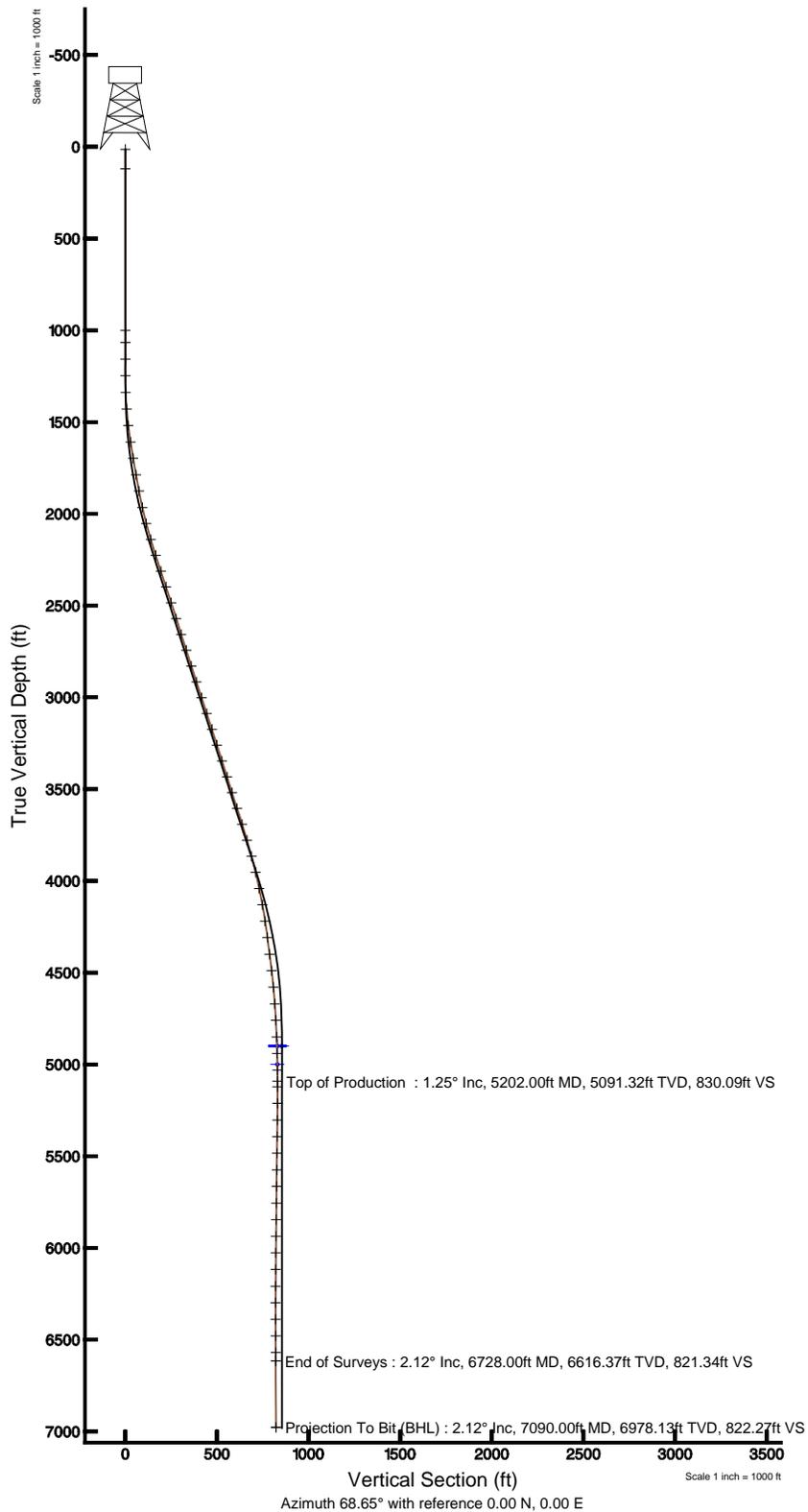
# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5

Field: UINTAH COUNTY Well: Three Rivers 32-48T-720

Facility: Sec.05-T8S-R20E Wellbore: Three Rivers 32-48T-720 PWB

Plot reference wellpath is Three Rivers 32-48T-720 PWP	
True vertical depths are referenced to Ensign 122 (RT)	Grid System: NAD83 / Lambert Utah SP, Central Zone (4300), US feet
Measured depths are referenced to Ensign 122 (RT)	North Reference: True north
Ensign 122 (RT) to Mean Sea Level: 4792 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: welliams on 12/12/2014





# Actual Wellpath Report

Three Rivers 32-48T-720 AWP

Page 1 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 AWB
Facility	Sec.05-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	0.999915	Report Generated	12/12/2014 at 12:55:58 PM
Convergence at slot	1.16° East	Database/Source file	WellArchitectDB/Three_Rivers_32-48T-720_AWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	4158.06	-1035.76	2146714.55	7231468.66	40°09'29.440"N	109°41'18.170"W
Facility Reference Pt			2147834.39	7227332.84	40°08'48.350"N	109°41'04.830"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Ensign 122 (RT) to Facility Vertical Datum	4792.00ft
Horizontal Reference Pt	Slot	Ensign 122 (RT) to Mean Sea Level	4792.00ft
Vertical Reference Pt	Ensign 122 (RT)	Ensign 122 (RT) to Mud Line at Slot (Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5)	4792.00ft
MD Reference Pt	Ensign 122 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	68.65°



# Actual Wellpath Report

Three Rivers 32-48T-720 AWP

Page 2 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 AWB
Facility	Sec.05-T8S-R20E		

WELLPATH DATA (70 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	26.980	0.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
13.00	0.000	26.980	13.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
120.00	0.000	0.000	120.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
1000.00	0.000	0.000	1000.00	0.00	0.00	0.00	40°09'29.440"N	109°41'18.170"W	0.00	
1066.00	0.310	26.980	1066.00	0.13	0.16	0.08	40°09'29.442"N	109°41'18.169"W	0.47	
1157.00	0.220	156.670	1157.00	0.32	0.22	0.26	40°09'29.442"N	109°41'18.167"W	0.53	
1247.00	0.620	179.050	1247.00	0.16	-0.43	0.34	40°09'29.436"N	109°41'18.166"W	0.47	
1338.00	2.210	81.750	1337.97	1.70	-0.67	2.08	40°09'29.433"N	109°41'18.143"W	2.60	
1428.00	4.290	72.670	1427.82	6.75	0.58	7.01	40°09'29.446"N	109°41'18.080"W	2.37	
1519.00	6.950	69.150	1518.38	15.65	3.56	15.41	40°09'29.475"N	109°41'17.972"W	2.95	
1610.00	8.620	72.850	1608.54	27.96	7.53	27.07	40°09'29.514"N	109°41'17.821"W	1.92	
1700.00	9.900	69.850	1697.36	42.42	12.18	40.78	40°09'29.560"N	109°41'17.645"W	1.52	
1791.00	9.990	67.960	1787.00	58.13	17.84	55.44	40°09'29.616"N	109°41'17.456"W	0.37	
1881.00	10.690	64.740	1875.53	74.27	24.33	70.23	40°09'29.680"N	109°41'17.266"W	1.01	
1972.00	12.280	67.960	1964.71	92.36	31.56	86.83	40°09'29.752"N	109°41'17.052"W	1.88	
2062.00	14.580	71.700	2052.25	113.25	38.71	106.46	40°09'29.823"N	109°41'16.799"W	2.73	
2153.00	17.100	69.370	2139.78	138.07	47.03	129.86	40°09'29.905"N	109°41'16.497"W	2.86	
2243.00	18.200	68.970	2225.55	165.36	56.73	155.36	40°09'30.001"N	109°41'16.169"W	1.23	
2334.00	18.200	69.770	2311.99	193.78	66.75	181.96	40°09'30.100"N	109°41'15.826"W	0.27	
2424.00	17.990	71.500	2397.54	221.71	76.02	208.33	40°09'30.191"N	109°41'15.487"W	0.64	
2515.00	17.700	70.400	2484.16	249.57	85.12	234.69	40°09'30.281"N	109°41'15.147"W	0.49	
2606.00	17.400	68.840	2570.93	277.01	94.67	260.41	40°09'30.375"N	109°41'14.816"W	0.61	
2696.00	17.900	70.700	2656.69	304.28	104.10	286.01	40°09'30.469"N	109°41'14.486"W	0.84	
2787.00	18.120	66.460	2743.24	332.40	114.37	312.19	40°09'30.570"N	109°41'14.149"W	1.46	
2878.00	17.400	67.470	2829.90	360.15	125.24	337.73	40°09'30.678"N	109°41'13.820"W	0.86	
2968.00	18.100	70.000	2915.62	387.58	135.17	363.30	40°09'30.776"N	109°41'13.491"W	1.16	
3059.00	17.900	68.440	3002.16	415.69	145.15	389.59	40°09'30.874"N	109°41'13.152"W	0.57	
3149.00	18.690	69.200	3087.61	443.95	155.35	415.93	40°09'30.975"N	109°41'12.813"W	0.92	
3240.00	17.900	67.650	3174.01	472.51	165.85	442.50	40°09'31.079"N	109°41'12.471"W	1.02	
3330.00	17.200	65.980	3259.83	499.63	176.52	467.44	40°09'31.184"N	109°41'12.150"W	0.96	
3421.00	17.810	67.870	3346.61	526.99	187.24	492.62	40°09'31.290"N	109°41'11.825"W	0.92	
3512.00	17.900	67.340	3433.23	554.88	197.87	518.42	40°09'31.395"N	109°41'11.493"W	0.20	
3602.00	17.100	67.340	3519.06	581.94	208.30	543.40	40°09'31.498"N	109°41'11.171"W	0.89	
3693.00	18.120	67.340	3605.80	609.46	218.91	568.80	40°09'31.603"N	109°41'10.844"W	1.12	
3783.00	17.590	66.150	3691.46	637.04	229.80	594.15	40°09'31.711"N	109°41'10.518"W	0.71	
3874.00	16.700	64.080	3778.42	663.81	241.07	618.49	40°09'31.822"N	109°41'10.204"W	1.19	
3965.00	15.380	64.080	3865.87	688.87	252.06	641.10	40°09'31.931"N	109°41'09.913"W	1.45	
4055.00	13.080	59.450	3953.11	710.83	262.46	660.61	40°09'32.034"N	109°41'09.662"W	2.85	
4146.00	12.110	60.070	4041.92	730.43	272.46	677.75	40°09'32.132"N	109°41'09.441"W	1.08	
4236.00	10.300	62.360	4130.20	747.77	280.90	693.06	40°09'32.216"N	109°41'09.244"W	2.07	
4327.00	8.840	63.160	4219.98	762.53	287.70	706.26	40°09'32.283"N	109°41'09.074"W	2.01	
4417.00	7.600	62.540	4309.09	775.06	293.44	717.46	40°09'32.340"N	109°41'08.929"W	0.98	
4508.00	7.290	71.440	4399.33	786.81	298.06	728.27	40°09'32.385"N	109°41'08.790"W	1.31	
4599.00	7.110	75.140	4489.61	798.17	301.34	739.19	40°09'32.418"N	109°41'08.650"W	0.55	
4689.00	5.480	78.840	4579.06	807.93	303.60	748.79	40°09'32.440"N	109°41'08.526"W	1.87	



# Actual Wellpath Report

Three Rivers 32-48T-720 AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 AWB
Facility	Sec.05-T8S-R20E		

WELLPATH DATA (70 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [%/100ft]	Comments
4780.00	4.510	82.680	4669.72	815.68	304.90	756.60	40°09'32.453"N	109°41'08.425"W	1.13	
4870.00	3.180	87.570	4759.51	821.48	305.45	762.61	40°09'32.458"N	109°41'08.348"W	1.52	
4961.00	2.390	89.460	4850.40	825.64	305.58	767.03	40°09'32.460"N	109°41'08.291"W	0.87	
5051.00	1.410	106.650	4940.36	828.26	305.28	769.96	40°09'32.457"N	109°41'08.253"W	1.25	
5142.00	1.280	129.870	5031.33	829.64	304.31	771.82	40°09'32.447"N	109°41'08.229"W	0.61	
5202.00†	1.250	147.258	5091.32	830.09	303.33	772.68	40°09'32.437"N	109°41'08.218"W	0.64	Top of Production
5233.00	1.280	156.140	5122.31	830.17	302.72	773.01	40°09'32.431"N	109°41'08.214"W	0.64	
5323.00	1.410	162.440	5212.28	830.14	300.75	773.75	40°09'32.412"N	109°41'08.204"W	0.22	
5414.00	1.500	170.550	5303.25	829.82	298.51	774.28	40°09'32.390"N	109°41'08.198"W	0.25	
5504.00	1.900	172.440	5393.21	829.22	295.87	774.67	40°09'32.364"N	109°41'08.193"W	0.45	
5595.00	2.210	179.450	5484.16	828.24	292.62	774.89	40°09'32.332"N	109°41'08.190"W	0.44	
5686.00	2.200	180.860	5575.09	826.96	289.12	774.88	40°09'32.297"N	109°41'08.190"W	0.06	
5776.00	2.210	181.480	5665.02	825.63	285.65	774.81	40°09'32.263"N	109°41'08.191"W	0.03	
5867.00	2.210	182.450	5755.95	824.24	282.15	774.69	40°09'32.228"N	109°41'08.192"W	0.04	
5957.00	2.120	176.670	5845.89	823.03	278.75	774.71	40°09'32.195"N	109°41'08.192"W	0.26	
6048.00	2.120	182.050	5936.83	821.84	275.39	774.75	40°09'32.161"N	109°41'08.192"W	0.22	
6138.00	1.990	169.450	6026.77	820.89	272.19	774.97	40°09'32.130"N	109°41'08.189"W	0.52	
6229.00	2.390	165.740	6117.70	820.36	268.80	775.73	40°09'32.096"N	109°41'08.179"W	0.47	
6320.00	2.210	166.980	6208.63	819.87	265.25	776.59	40°09'32.061"N	109°41'08.168"W	0.21	
6410.00	2.210	157.860	6298.56	819.64	261.95	777.64	40°09'32.028"N	109°41'08.154"W	0.39	
6501.00	1.810	143.580	6389.51	820.04	259.17	779.15	40°09'32.001"N	109°41'08.135"W	0.70	
6591.00	1.900	145.340	6479.46	820.75	256.80	780.84	40°09'31.978"N	109°41'08.113"W	0.12	
6682.00	2.120	154.640	6570.41	821.22	254.04	782.42	40°09'31.950"N	109°41'08.093"W	0.43	
6728.00	2.120	154.640	6616.37	821.34	252.50	783.15	40°09'31.935"N	109°41'08.083"W	0.00	End of Surveys
7090.00	2.120	154.640	6978.13	822.27	240.40	788.89	40°09'31.815"N	109°41'08.010"W	0.00	Projection To Bit (BHL)



## Actual Wellpath Report

Three Rivers 32-48T-720 AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 AWB
Facility	Sec.05-T8S-R20E		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Three Rivers 32-48T-720 Driller's Target Radius: 5' 98' FSL & 652' FEL		4900.00	311.12	796.07	2147504.09	7231795.81	40°09'32.514"N	109°41'07.917"W	circle
Three Rivers 32-48T-720 Target On Plat 50' FSL & 660' FEL Sec 32		4900.00	263.12	788.07	2147497.07	7231747.65	40°09'32.040"N	109°41'08.020"W	circle
Hardline @ Section Line: Do Not Cross After 5000' TVD		5000.00	263.12	788.07	2147497.06	7231747.66	40°09'32.040"N	109°41'08.020"W	point

WELLPATH COMPOSITION - Ref Wellbore: Three Rivers 32-48T-720 AWB Ref Wellpath: Three Rivers 32-48T-720 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	120.00	Unknown Tool (Standard)	Conductor	Three Rivers 32-48T-720 AWB
120.00	1000.00	Unknown Tool (Standard)	Surface	Three Rivers 32-48T-720 AWB
1000.00	6728.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers 32-48T-720 AWB
6728.00	7090.00	Blind Drilling (std)	Projection to bit	Three Rivers 32-48T-720 AWB



## Actual Wellpath Report

Three Rivers 32-48T-720 AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-48T-720 (210' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-48T-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-48T-720 AWB
Facility	Sec.05-T8S-R20E		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
5202.00	1.250	147.258	5091.32	Top of Production
6728.00	2.120	154.640	6616.37	End of Surveys
7090.00	2.120	154.640	6978.13	Projection To Bit (BHL)

## ULTRA RESOURCES, INC. PERFORATION AND FRAC SUMMARY FOR THREE RIVERS 32-48T-720

Well Name:	THREE RIVERS 32-48T-720			Fracs Planned:	7
Location:	UINTAH County, UTAH (NWNE 005 8S 20E)				
Stage 1	Frac Date:	11/11/2014	Avg Rate:	48.0 BPM	Avg Pressure: 2,886 PSI
Initial Completion	Proppant:	134,757 lbs total	Max Rate:	61.0 BPM	Max Pressure: 3,871 PSI
		134757 lbs Ottawa			
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:
	PreFrac SICP:		ISIP:	3,644 PSI	Base BBLs to Recover: 3,221 BBLs
	Pseudo Frac Gradient:	0.957 PSI/FT	Pseudo Frac Gradient:	18.391 LB/GAL	
			Net Pressure:	2363 psi	Total BBLs to Recover: 3,221 BBLs
	Breakdown Pressure:	2413	Breakdown Rate:	1.1	Perfs Open:
	ScreenOut:	No	Tracer:	(None)	
<b>Zones:</b>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>		
12	11/06/2014	3	6,769	6,770	
11	11/06/2014	3	6,789	6,790	
10	11/06/2014	3	6,797	6,798	
9	11/06/2014	3	6,824	6,825	
8	11/06/2014	3	6,857	6,858	
7	11/06/2014	3	6,868	6,869	
6	11/06/2014	3	6,884	6,885	
5	11/06/2014	3	6,922	6,923	
4	11/06/2014	3	6,932	6,933	
3	11/06/2014	3	6,938	6,939	
2	11/06/2014	3	6,950	6,952	
1	11/06/2014	3	6,958	6,959	
Stage 2	Frac Date:	11/11/2014	Avg Rate:	51.0 BPM	Avg Pressure: 2,622 PSI
Initial Completion	Proppant:	119,517 lbs total	Max Rate:	66.0 BPM	Max Pressure: 3,761 PSI
		119517 lbs Ottawa			
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:
	PreFrac SICP:		ISIP:	2,192 PSI	Base BBLs to Recover: 3,161 BBLs
	Pseudo Frac Gradient:	0.758 PSI/FT	Pseudo Frac Gradient:	14.576 LB/GAL	
			Net Pressure:	-152 psi	Total BBLs to Recover: 3,161 BBLs
	Breakdown Pressure:	3161	Breakdown Rate:	1.0	Perfs Open:
	ScreenOut:	No	Tracer:	(None)	
<b>Zones:</b>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>		
10	11/11/2014	3	6,669	6,670	
9	11/11/2014	3	6,677	6,678	
8	11/11/2014	3	6,688	6,689	
7	11/11/2014	3	6,699	6,700	
6	11/11/2014	3	6,709	6,710	
5	11/11/2014	3	6,713	6,714	
4	11/11/2014	3	6,720	6,721	
3	11/11/2014	3	6,728	6,729	
2	11/11/2014	3	6,732	6,733	
1	11/11/2014	3	6,739	6,741	
Stage 3	Frac Date:	11/11/2014	Avg Rate:	18.0 BPM	Avg Pressure: 1,688 PSI
Initial Completion	Proppant:	0 lbs total	Max Rate:	61.0 BPM	Max Pressure: 3,721 PSI
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:
	PreFrac SICP:		ISIP:	1,042 PSI	Base BBLs to Recover: 300 BBLs
	Pseudo Frac Gradient:	0.590 PSI/FT	Pseudo Frac Gradient:	11.345 LB/GAL	
			Net Pressure:		Total BBLs to Recover: 300 BBLs
	Breakdown Pressure:	1592	Breakdown Rate:	9.6	Perfs Open:
	ScreenOut:	No	Tracer:	(None)	
<b>Zones:</b>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>		
11	11/11/2014	3	6,446	6,447	
10	11/11/2014	3	6,455	6,456	
9	11/11/2014	3	6,469	6,470	
8	11/11/2014	3	6,504	6,505	
7	11/11/2014	3	6,522	6,523	
6	11/11/2014	3	6,535	6,536	
5	11/11/2014	3	6,555	6,556	
4	11/11/2014	3	6,564	6,565	
3	11/11/2014	3	6,585	6,586	
2	11/11/2014	3	6,598	6,600	
1	11/11/2014	3	6,631	6,633	

Stage 3 Try 2	Frac Date: 11/12/2014	Avg Rate: 51.0 BPM	Avg Pressure: 61 PSI
Initial Completion	Proppant: 132,951 lbs total 132951 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,362 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,630 PSI	Base BBLs to Recover: 3,519 BBLs
	Pseudo Frac Gradient: 0.679 PSI/FT	Pseudo Frac Gradient: 13.049 LB/GAL	
	Breakdown Pressure: 1042	Net Pressure: -482 psi	Total BBLs to Recover: 3,519 BBLs
	ScreenOut: No	Breakdown Rate: 11.0	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
11	11/11/2014	3	6,446 6,447
10	11/11/2014	3	6,455 6,456
9	11/11/2014	3	6,469 6,470
8	11/11/2014	3	6,504 6,505
7	11/11/2014	3	6,522 6,523
6	11/11/2014	3	6,535 6,536
5	11/11/2014	3	6,555 6,556
4	11/11/2014	3	6,564 6,565
3	11/11/2014	3	6,585 6,586
2	11/11/2014	3	6,598 6,600
1	11/11/2014	3	6,631 6,633
Stage 4	Frac Date: 11/13/2014	Avg Rate: 49.0 BPM	Avg Pressure: 2,853 PSI
Initial Completion	Proppant: 177,957 lbs total 177957 lbs Ottawa	Max Rate: 62.0 BPM	Max Pressure: 3,596 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,709 PSI	Base BBLs to Recover: 5,243 BBLs
	Pseudo Frac Gradient: 0.700 PSI/FT	Pseudo Frac Gradient: 13.465 LB/GAL	
	Breakdown Pressure: 3048	Net Pressure: -549 psi	Total BBLs to Recover: 5,243 BBLs
	ScreenOut: No	Breakdown Rate: 9.1	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
12	11/12/2014	3	6,175 6,176
11	11/12/2014	3	6,184 6,185
10	11/12/2014	3	6,197 6,198
9	11/12/2014	3	6,243 6,244
8	11/12/2014	3	6,251 6,252
7	11/12/2014	3	6,265 6,266
6	11/12/2014	3	6,278 6,279
5	11/12/2014	3	6,310 6,311
4	11/12/2014	3	6,343 6,344
3	11/12/2014	3	6,350 6,351
2	11/12/2014	3	6,366 6,367
1	11/12/2014	3	6,390 6,392
Stage 5	Frac Date: 11/13/2014	Avg Rate: 50.0 BPM	Avg Pressure: 2,888 PSI
Initial Completion	Proppant: 188,968 lbs total 188968 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,145 PSI
	Initial Annulus Pressure: 11	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,829 PSI	Base BBLs to Recover: 5,221 BBLs
	Pseudo Frac Gradient: 0.731 PSI/FT	Pseudo Frac Gradient: 14.062 LB/GAL	
	Breakdown Pressure: 2181	Net Pressure: -319 psi	Total BBLs to Recover: 5,221 BBLs
	ScreenOut: No	Breakdown Rate: 1.0	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
12	11/13/2014	3	5,928 5,929
11	11/13/2014	3	5,950 5,951
10	11/13/2014	3	5,971 5,972
9	11/13/2014	3	5,980 5,981
8	11/13/2014	3	6,003 6,004
7	11/13/2014	3	6,022 6,023
6	11/13/2014	3	6,043 6,044
5	11/13/2014	3	6,053 6,054
4	11/13/2014	3	6,064 6,065
3	11/13/2014	3	6,085 6,086
2	11/13/2014	3	6,107 6,108
1	11/13/2014	3	6,126 6,128

Stage 6	Frac Date: 11/13/2014	Avg Rate: 52.0 BPM	Avg Pressure: 3,412 PSI
Initial Completion	Proppant: 82,352 lbs total 82352 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 4,033 PSI
	Initial Annulus Pressure: 7	Final Annulus Pressure: 9	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,694 PSI	Base BBLs to Recover: 2,594 BBLs
	Pseudo Frac Gradient: 0.730 PSI/FT	Pseudo Frac Gradient: 14.036 LB/GAL	
	Breakdown Pressure: 3195	Net Pressure: -1274 psi	Total BBLs to Recover: 2,594 BBLs
	ScreenOut: No	Breakdown Rate: 4.9	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
12	11/13/2014	3	5,377 5,378
11	11/13/2014	3	5,414 5,415
10	11/13/2014	3	5,435 5,436
9	11/13/2014	3	5,450 5,451
8	11/13/2014	3	5,464 5,465
7	11/13/2014	3	5,467 5,468
6	11/13/2014	3	5,491 5,492
5	11/13/2014	3	5,624 5,625
4	11/13/2014	3	5,635 5,636
3	11/13/2014	3	5,660 5,661
2	11/13/2014	3	5,675 5,676
1	11/13/2014	3	5,700 5,702
Stage 7	Frac Date: 11/13/2014	Avg Rate: 9.0 BPM	Avg Pressure: 1,447 PSI
Initial Completion	Proppant: 0 lbs total	Max Rate: 60.0 BPM	Max Pressure: 3,395 PSI
	Initial Annulus Pressure: 21	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP: 1,140 PSI	ISIP: 1,067 PSI	Base BBLs to Recover: 343 BBLs
	Pseudo Frac Gradient: 0.633 PSI/FT	Pseudo Frac Gradient: 12.162 LB/GAL	
	Breakdown Pressure: 1605	Net Pressure:	Total BBLs to Recover: 343 BBLs
	ScreenOut: No	Breakdown Rate: 7.5	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
12	11/13/2014	3	5,202 5,203
11	11/13/2014	3	5,211 5,212
10	11/13/2014	3	5,219 5,220
9	11/13/2014	3	5,232 5,233
8	11/13/2014	3	5,270 5,271
7	11/13/2014	3	5,278 5,279
6	11/13/2014	3	5,284 5,285
5	11/13/2014	3	5,292 5,293
4	11/13/2014	3	5,299 5,300
3	11/13/2014	3	5,331 5,332
2	11/13/2014	3	5,335 5,336
1	11/13/2014	3	5,344 5,345
Stage 7 Try 2	Frac Date: 11/14/2014	Avg Rate: 56.0 BPM	Avg Pressure: 3,203 PSI
Initial Completion	Proppant: 108,202 lbs total 108202 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,723 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 10	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,467 PSI	Base BBLs to Recover: 2,836 BBLs
	Pseudo Frac Gradient: 0.707 PSI/FT	Pseudo Frac Gradient: 13.601 LB/GAL	
	Breakdown Pressure: 2828	Net Pressure: -627 psi	Total BBLs to Recover: 2,836 BBLs
	ScreenOut: No	Breakdown Rate: 60.5	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
12	11/13/2014	3	5,202 5,203
11	11/13/2014	3	5,211 5,212
10	11/13/2014	3	5,219 5,220
9	11/13/2014	3	5,232 5,233
8	11/13/2014	3	5,270 5,271
7	11/13/2014	3	5,278 5,279
6	11/13/2014	3	5,284 5,285
5	11/13/2014	3	5,292 5,293
4	11/13/2014	3	5,299 5,300
3	11/13/2014	3	5,331 5,332
2	11/13/2014	3	5,335 5,336
1	11/13/2014	3	5,344 5,345

## ULTRA RESOURCES, INC. PERFORATION AND FRAC SUMMARY FOR THREE RIVERS 32-48T-720

Well Name:	THREE RIVERS 32-48T-720			Fracs Planned:	7
Location:	UINTAH County, UTAH (NWNE 005 8S 20E)				
Stage 1	Frac Date:	11/11/2014	Avg Rate:	48.0 BPM	Avg Pressure: 2,886 PSI
Initial Completion	Proppant:	134,757 lbs total	Max Rate:	61.0 BPM	Max Pressure: 3,871 PSI
		134757 lbs Ottawa			
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:
	PreFrac SICP:		ISIP:	3,644 PSI	Base BBLs to Recover: 3,221 BBLs
	Pseudo Frac Gradient:	0.957 PSI/FT	Pseudo Frac Gradient:	18.391 LB/GAL	
			Net Pressure:	2363 psi	Total BBLs to Recover: 3,221 BBLs
	Breakdown Pressure:	2413	Breakdown Rate:	1.1	Perfs Open:
	ScreenOut:	No	Tracer:	(None)	
<b>Zones:</b>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>		
12	11/06/2014	3	6,769	6,770	
11	11/06/2014	3	6,789	6,790	
10	11/06/2014	3	6,797	6,798	
9	11/06/2014	3	6,824	6,825	
8	11/06/2014	3	6,857	6,858	
7	11/06/2014	3	6,868	6,869	
6	11/06/2014	3	6,884	6,885	
5	11/06/2014	3	6,922	6,923	
4	11/06/2014	3	6,932	6,933	
3	11/06/2014	3	6,938	6,939	
2	11/06/2014	3	6,950	6,952	
1	11/06/2014	3	6,958	6,959	
Stage 2	Frac Date:	11/11/2014	Avg Rate:	51.0 BPM	Avg Pressure: 2,622 PSI
Initial Completion	Proppant:	119,517 lbs total	Max Rate:	66.0 BPM	Max Pressure: 3,761 PSI
		119517 lbs Ottawa			
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:
	PreFrac SICP:		ISIP:	2,192 PSI	Base BBLs to Recover: 3,161 BBLs
	Pseudo Frac Gradient:	0.758 PSI/FT	Pseudo Frac Gradient:	14.576 LB/GAL	
			Net Pressure:	-152 psi	Total BBLs to Recover: 3,161 BBLs
	Breakdown Pressure:	3161	Breakdown Rate:	1.0	Perfs Open:
	ScreenOut:	No	Tracer:	(None)	
<b>Zones:</b>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>		
10	11/11/2014	3	6,669	6,670	
9	11/11/2014	3	6,677	6,678	
8	11/11/2014	3	6,688	6,689	
7	11/11/2014	3	6,699	6,700	
6	11/11/2014	3	6,709	6,710	
5	11/11/2014	3	6,713	6,714	
4	11/11/2014	3	6,720	6,721	
3	11/11/2014	3	6,728	6,729	
2	11/11/2014	3	6,732	6,733	
1	11/11/2014	3	6,739	6,741	
Stage 3	Frac Date:	11/11/2014	Avg Rate:	18.0 BPM	Avg Pressure: 1,688 PSI
Initial Completion	Proppant:	0 lbs total	Max Rate:	61.0 BPM	Max Pressure: 3,721 PSI
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:
	PreFrac SICP:		ISIP:	1,042 PSI	Base BBLs to Recover: 300 BBLs
	Pseudo Frac Gradient:	0.590 PSI/FT	Pseudo Frac Gradient:	11.345 LB/GAL	
			Net Pressure:		Total BBLs to Recover: 300 BBLs
	Breakdown Pressure:	1592	Breakdown Rate:	9.6	Perfs Open:
	ScreenOut:	No	Tracer:	(None)	
<b>Zones:</b>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>		
11	11/11/2014	3	6,446	6,447	
10	11/11/2014	3	6,455	6,456	
9	11/11/2014	3	6,469	6,470	
8	11/11/2014	3	6,504	6,505	
7	11/11/2014	3	6,522	6,523	
6	11/11/2014	3	6,535	6,536	
5	11/11/2014	3	6,555	6,556	
4	11/11/2014	3	6,564	6,565	
3	11/11/2014	3	6,585	6,586	
2	11/11/2014	3	6,598	6,600	
1	11/11/2014	3	6,631	6,633	

Stage 3 Try 2	Frac Date: 11/12/2014	Avg Rate: 51.0 BPM	Avg Pressure: 61 PSI
Initial Completion	Proppant: 132,951 lbs total 132951 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,362 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,630 PSI	Base BBLs to Recover: 3,519 BBLs
	Pseudo Frac Gradient: 0.679 PSI/FT	Pseudo Frac Gradient: 13.049 LB/GAL	
	Breakdown Pressure: 1042	Net Pressure: -482 psi	Total BBLs to Recover: 3,519 BBLs
	ScreenOut: No	Breakdown Rate: 11.0	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
11	11/11/2014	3	6,446 6,447
10	11/11/2014	3	6,455 6,456
9	11/11/2014	3	6,469 6,470
8	11/11/2014	3	6,504 6,505
7	11/11/2014	3	6,522 6,523
6	11/11/2014	3	6,535 6,536
5	11/11/2014	3	6,555 6,556
4	11/11/2014	3	6,564 6,565
3	11/11/2014	3	6,585 6,586
2	11/11/2014	3	6,598 6,600
1	11/11/2014	3	6,631 6,633
Stage 4	Frac Date: 11/13/2014	Avg Rate: 49.0 BPM	Avg Pressure: 2,853 PSI
Initial Completion	Proppant: 177,957 lbs total 177957 lbs Ottawa	Max Rate: 62.0 BPM	Max Pressure: 3,596 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,709 PSI	Base BBLs to Recover: 5,243 BBLs
	Pseudo Frac Gradient: 0.700 PSI/FT	Pseudo Frac Gradient: 13.465 LB/GAL	
	Breakdown Pressure: 3048	Net Pressure: -549 psi	Total BBLs to Recover: 5,243 BBLs
	ScreenOut: No	Breakdown Rate: 9.1	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
12	11/12/2014	3	6,175 6,176
11	11/12/2014	3	6,184 6,185
10	11/12/2014	3	6,197 6,198
9	11/12/2014	3	6,243 6,244
8	11/12/2014	3	6,251 6,252
7	11/12/2014	3	6,265 6,266
6	11/12/2014	3	6,278 6,279
5	11/12/2014	3	6,310 6,311
4	11/12/2014	3	6,343 6,344
3	11/12/2014	3	6,350 6,351
2	11/12/2014	3	6,366 6,367
1	11/12/2014	3	6,390 6,392
Stage 5	Frac Date: 11/13/2014	Avg Rate: 50.0 BPM	Avg Pressure: 2,888 PSI
Initial Completion	Proppant: 188,968 lbs total 188968 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,145 PSI
	Initial Annulus Pressure: 11	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,829 PSI	Base BBLs to Recover: 5,221 BBLs
	Pseudo Frac Gradient: 0.731 PSI/FT	Pseudo Frac Gradient: 14.062 LB/GAL	
	Breakdown Pressure: 2181	Net Pressure: -319 psi	Total BBLs to Recover: 5,221 BBLs
	ScreenOut: No	Breakdown Rate: 1.0	Perfs Open:
		Tracer: (None)	
<u>Zones:</u>	<u>Perf Date</u>	<u>SPF</u>	<u>Perf Interval: From To</u>
12	11/13/2014	3	5,928 5,929
11	11/13/2014	3	5,950 5,951
10	11/13/2014	3	5,971 5,972
9	11/13/2014	3	5,980 5,981
8	11/13/2014	3	6,003 6,004
7	11/13/2014	3	6,022 6,023
6	11/13/2014	3	6,043 6,044
5	11/13/2014	3	6,053 6,054
4	11/13/2014	3	6,064 6,065
3	11/13/2014	3	6,085 6,086
2	11/13/2014	3	6,107 6,108
1	11/13/2014	3	6,126 6,128

Stage 6	Frac Date: 11/13/2014	Avg Rate: 52.0 BPM	Avg Pressure: 3,412 PSI
Initial Completion	Proppant: 82,352 lbs total 82352 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 4,033 PSI
	Initial Annulus Pressure: 7	Final Annulus Pressure: 9	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,694 PSI	Base BBLs to Recover: 2,594 BBLs
	Pseudo Frac Gradient: 0.730 PSI/FT	Pseudo Frac Gradient: 14.036 LB/GAL	
		Net Pressure: -1274 psi	Total BBLs to Recover: 2,594 BBLs
	Breakdown Pressure: 3195	Breakdown Rate: 4.9	Perfs Open:
	ScreenOut: No	Tracer: (None)	
<b>Zones:</b>	<b>Perf Date</b>	<b>SPF</b>	<b>Perf Interval: From To</b>
12	11/13/2014	3	5,377 5,378
11	11/13/2014	3	5,414 5,415
10	11/13/2014	3	5,435 5,436
9	11/13/2014	3	5,450 5,451
8	11/13/2014	3	5,464 5,465
7	11/13/2014	3	5,467 5,468
6	11/13/2014	3	5,491 5,492
5	11/13/2014	3	5,624 5,625
4	11/13/2014	3	5,635 5,636
3	11/13/2014	3	5,660 5,661
2	11/13/2014	3	5,675 5,676
1	11/13/2014	3	5,700 5,702
Stage 7	Frac Date: 11/13/2014	Avg Rate: 9.0 BPM	Avg Pressure: 1,447 PSI
Initial Completion	Proppant: 0 lbs total	Max Rate: 60.0 BPM	Max Pressure: 3,395 PSI
	Initial Annulus Pressure: 21	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP: 1,140 PSI	ISIP: 1,067 PSI	Base BBLs to Recover: 343 BBLs
	Pseudo Frac Gradient: 0.633 PSI/FT	Pseudo Frac Gradient: 12.162 LB/GAL	
		Net Pressure:	Total BBLs to Recover: 343 BBLs
	Breakdown Pressure: 1605	Breakdown Rate: 7.5	Perfs Open:
	ScreenOut: No	Tracer: (None)	
<b>Zones:</b>	<b>Perf Date</b>	<b>SPF</b>	<b>Perf Interval: From To</b>
12	11/13/2014	3	5,202 5,203
11	11/13/2014	3	5,211 5,212
10	11/13/2014	3	5,219 5,220
9	11/13/2014	3	5,232 5,233
8	11/13/2014	3	5,270 5,271
7	11/13/2014	3	5,278 5,279
6	11/13/2014	3	5,284 5,285
5	11/13/2014	3	5,292 5,293
4	11/13/2014	3	5,299 5,300
3	11/13/2014	3	5,331 5,332
2	11/13/2014	3	5,335 5,336
1	11/13/2014	3	5,344 5,345
Stage 7 Try 2	Frac Date: 11/14/2014	Avg Rate: 56.0 BPM	Avg Pressure: 3,203 PSI
Initial Completion	Proppant: 108,202 lbs total 108202 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,723 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 10	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,467 PSI	Base BBLs to Recover: 2,836 BBLs
	Pseudo Frac Gradient: 0.707 PSI/FT	Pseudo Frac Gradient: 13.601 LB/GAL	
		Net Pressure: -627 psi	Total BBLs to Recover: 2,836 BBLs
	Breakdown Pressure: 2828	Breakdown Rate: 60.5	Perfs Open:
	ScreenOut: No	Tracer: (None)	
<b>Zones:</b>	<b>Perf Date</b>	<b>SPF</b>	<b>Perf Interval: From To</b>
12	11/13/2014	3	5,202 5,203
11	11/13/2014	3	5,211 5,212
10	11/13/2014	3	5,219 5,220
9	11/13/2014	3	5,232 5,233
8	11/13/2014	3	5,270 5,271
7	11/13/2014	3	5,278 5,279
6	11/13/2014	3	5,284 5,285
5	11/13/2014	3	5,292 5,293
4	11/13/2014	3	5,299 5,300
3	11/13/2014	3	5,331 5,332
2	11/13/2014	3	5,335 5,336
1	11/13/2014	3	5,344 5,345

## Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/11/2014
Job End Date:	11/14/2014
State:	Utah
County:	Uintah
API Number:	43-047-54523-00-00
Operator Name:	Ultra Resources
Well Name and Number:	Three Rivers 32-48T-720
Longitude:	-109.68838100
Latitude:	40.15817800
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	6,959
Total Base Water Volume (gal):	1,073,189
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	89.65804	Density = 8.430
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	9.30755	
MC MX 2-2822	Multi-Chem	Scale Inhibitor					
			Methyl Alcohol	67-56-1	30.00000	0.13596	
			Phosphonate of a Diamine, Sodium Salt	Proprietary	30.00000	0.13596	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.00000	0.20431	
MC B-8614	Halliburton	Biocide					
			Acetone	67-64-1	40.00000	0.07068	
			Glutaraldehyde	111-30-8	30.00000	0.05301	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.04402	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02201	
			Naphthalene	91-20-3	5.00000	0.00367	

			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00367	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00073	
WG-35 GELLING AGENT	Halliburton	Gelling Agent					
			Guar gum	9000-30-0	100.00000	0.04312	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.02470	
			Ethylene glycol	107-21-1	30.00000	0.01235	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.03364	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
SandWedge® NT	Halliburton	Conductivity Enhancer					
			Dipropylene glycol monomethyl ether	34590-94-8	60.00000	0.02053	
			Heavy aromatic petroleum naphtha	64742-94-5	10.00000	0.00342	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01339	
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
			Acetic anhydride	108-24-7	100.00000	0.00711	
			Acetic acid	64-19-7	60.00000	0.00426	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00245	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00074	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00196	
HAI-404M™	Halliburton	Corrosion Inhibitor					
			Methanol	67-56-1	30.00000	0.00039	
			Aldehyde	Confidential	30.00000	0.00039	
			Isopropanol	67-63-0	30.00000	0.00039	
			1-(Benzyl)quinolinium chloride	15619-48-4	10.00000	0.00013	
			Quaternary ammonium salt	Confidential	10.00000	0.00013	
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		0.79542	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02201	
		Other Ingredient(s)					
			Polyacrylamide copolymer	Confidential		0.01339	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.00734	

	Other Ingredient(s)				
		Sodium chloride	7647-14-5		0.00504
	Other Ingredient(s)				
		Quaternary ammonium compound	Confidential		0.00342
	Other Ingredient(s)				
		Quaternary amine	Confidential		0.00280
	Other Ingredient(s)				
		Alcohols, C12-16, ethoxylated	68551-12-2		0.00236
	Other Ingredient(s)				
		Ammonium chloride	12125-02-9		0.00223
	Other Ingredient(s)				
		Fatty acid tall oil amide	Confidential		0.00223
	Other Ingredient(s)				
		Modified bentonite	Confidential		0.00216
	Other Ingredient(s)				
		Cured acrylic resin	Confidential		0.00074
	Other Ingredient(s)				
		Quaternary amine	Confidential		0.00056
	Other Ingredient(s)				
		Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		0.00045
	Other Ingredient(s)				
		Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0.00045
	Other Ingredient(s)				
		Ethoxylated nonylphenol	Confidential		0.00043
	Other Ingredient(s)				
		Silica, amorphous - fumed	7631-86-9		0.00043
	Other Ingredient(s)				
		Naphthenic acid ethoxylate	68410-62-8		0.00039
	Other Ingredient(s)				
		Methanol	67-56-1		0.00034
	Other Ingredient(s)				
		Polyethoxylated fatty amine salt	61791-26-2		0.00013
	Other Ingredient(s)				
		Fatty acids, tall oil	Confidential		0.00013
	Other Ingredient(s)				
		Enzyme	Confidential		0.00012
	Other Ingredient(s)				
		Ethoxylated amine	Confidential		0.00007
	Other Ingredient(s)				
		Amine salts	Confidential		0.00006
	Other Ingredient(s)				
		Quaternary amine	Confidential		0.00006
	Other Ingredient(s)				
		Amine salts	Confidential		0.00006

	Other Ingredient(s)					
		Crystalline silica, quartz	14808-60-7		0.00004	
	Other Ingredient(s)					
		Cured acrylic resin	Confidential		0.00002	
	Other Ingredient(s)					
		C.I. Pigment Red 5	6410-41-9		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)					
		Naphthalene	91-20-3		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)













