

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>		<b>1. WELL NAME and NUMBER</b> Three Rivers Fed 3-34T-820
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		<b>3. FIELD OR WILDCAT</b> THREE RIVERS
<b>4. TYPE OF WELL</b> Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>
<b>6. NAME OF OPERATOR</b> ULTRA RESOURCES INC		<b>7. OPERATOR PHONE</b> 303 645-9809
<b>8. ADDRESS OF OPERATOR</b> 116 Inverness Drive East, Suite #400, Englewood, CO, 80112		<b>9. OPERATOR E-MAIL</b> kbott@ultrapetroleum.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU87342 UTU85994	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>	<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	<b>19. SLANT</b> 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	2308 FSL 1322 FEL	NESE	3	8.0 S	20.0 E	S
Top of Uppermost Producing Zone	2620 FNL 1980 FEL	SWNE	3	8.0 S	20.0 E	S
At Total Depth	2620 FNL 1980 FEL	SWNE	3	8.0 S	20.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1322	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 40	<b>26. PROPOSED DEPTH</b> MD: 6904 TVD: 6810	
<b>27. ELEVATION - GROUND LEVEL</b> 4803	<b>28. BOND NUMBER</b> UTB000593	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-10988

**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	16	0 - 100	109.0	C-75 Casing/Tubing	0.0	Unknown	0	0.0	0.0
Surf	11	8.625	0 - 1000	24.0	J-55 LT&C	8.8	Class G	550	1.16	15.8
Prod	7.875	5.5	0 - 4904	17.0	J-55 LT&C	10.0	Halliburton Light , Type Unknown	225	3.54	11.0
			4904 - 6904	17.0	N-80 LT&C	10.0	Halliburton Premium , Type Unknown	450	1.35	14.0

**ATTACHMENTS**

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input 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

<b>NAME</b> Jasmine Allison	<b>TITLE</b> Sr. Permitting Analyst	<b>PHONE</b> 307 367-5041
<b>SIGNATURE</b>	<b>DATE</b> 08/01/2016	<b>EMAIL</b> jallison@ultrapetroleum.com
<b>API NUMBER ASSIGNED</b> 4304755590000	<b>APPROVAL</b>   Permit Manager	

**ULTRA RESOURCES, INC.**

**8 - POINT DRILLING PROGRAM**

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

**DATED: 11-03-14**

**Three Rivers Fed 3-34T-820**

**SHL: Sec 3 (NESE) T8S 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	1,475' MD / 1,475' TVD	
Green River	2,790' MD / 2,750' TVD	
Mahogany	4,165' MD / 4,075' TVD	
Garden Gulch	4,769' MD / 4,675' TVD	Oil & Associated Gas
Lower Green River*	4,934' MD / 4,840' TVD	Oil & Associated Gas
Wasatch	6,704' MD / 6,610' TVD	Oil & Associated Gas
TD	6,904' MD / 6,810' 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 – 6,904' MD / 6,810' 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 (Top)</b>	7 7/8"	5 1/2"	4,904' MD / 4,810' TVD	17.0 ppf	J-55, LTC	New
<b>Production (Bottom)</b>	7 7/8"	5 1/2"	6,904' MD / 6,810' TVD	17.0 ppf	N/L-80, 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 (Top)	5 1/2"	4.892" / 4.767"	4,910	5,320'	273,000	229,000
Production (Bottom)	5 1/2"	4.892" / 4.767"	6,280	7,740	397,000	348,000

**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' – 6,904' MD / 6,810' 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 - 6,904' MD / 6,810' 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:

- . 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.



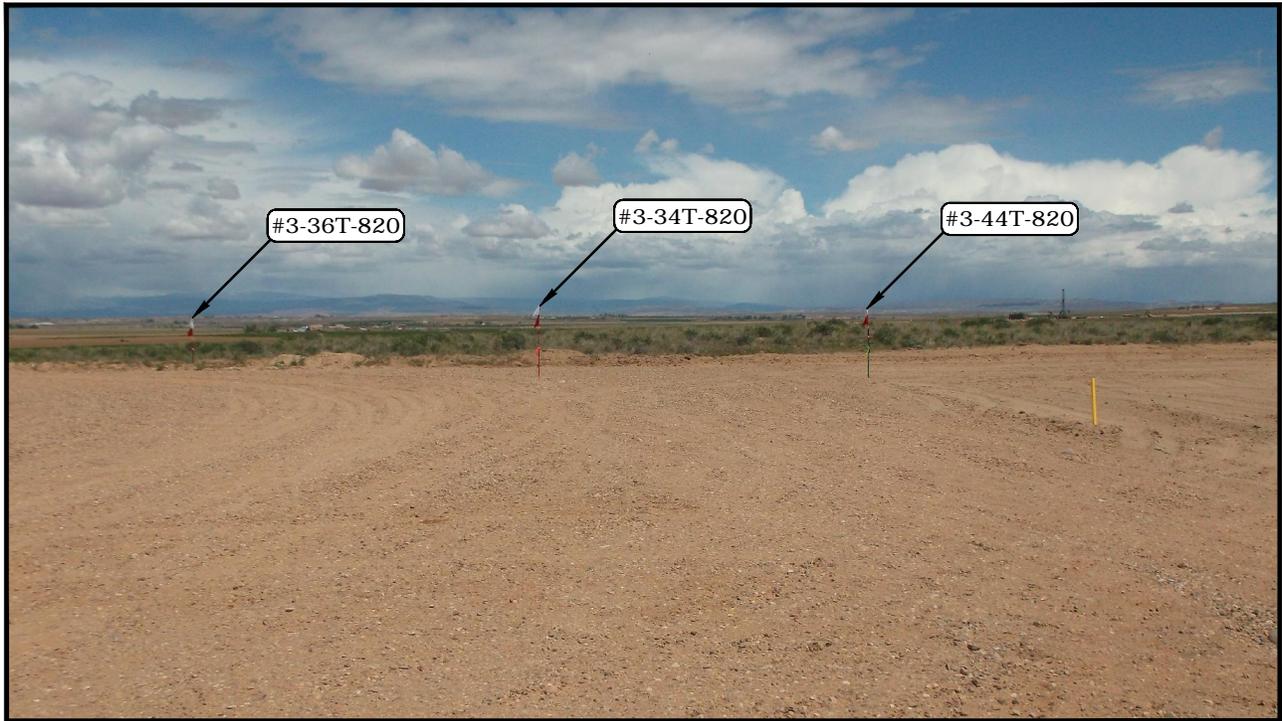


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHEASTERLY

**ULTRA RESOURCES, INC.**

THREE RIVERS FED #3-54-820, #3-44T-820,  
 #3-34T-820 & #3-36T-820 ON EXISTING  
 THREE RIVERS FED #3-53-820 WELL PAD  
 SECTION 3, T8S, R20E, S.L.B.&M.  
 N 1/2 SE 1/4



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

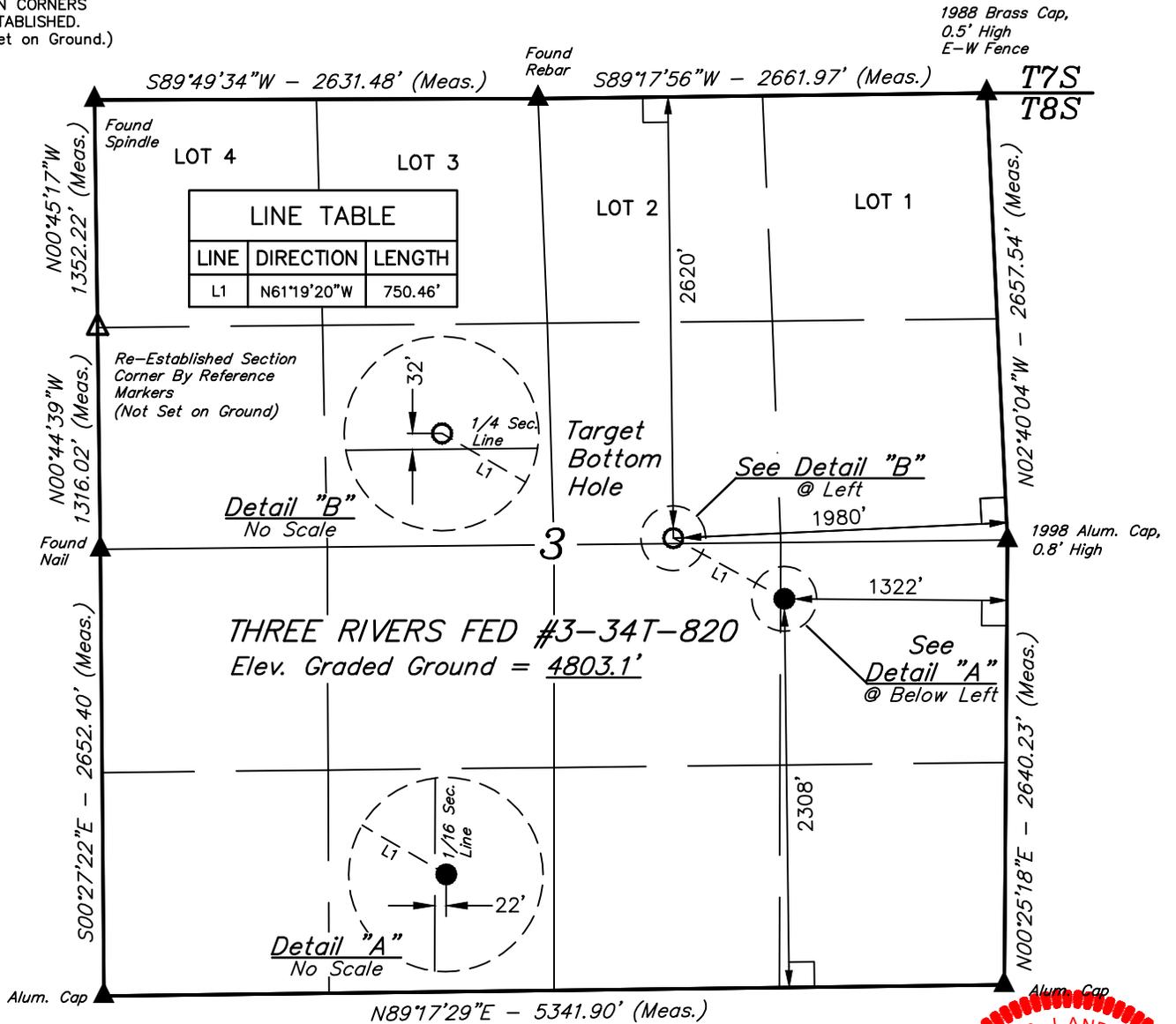
DRAWN BY: J.L.H.	DATE DRAWN: 12-15-11
TAKEN BY: M.P.	REVISED: 06-26-14 Z.H.F.
<b>LOCATION PHOTOS</b>	<b>PHOTO</b>

RECEIVED: August 01, 2016

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

**LEGEND:**

- └─ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N61°19'20"W	750.46'



**CERTIFICATE**

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



**BASIS OF BEARINGS**

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

**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, UINAH 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.

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #3-34T-820**  
**NE 1/4 SE 1/4 SECTION 3, T8S, R20E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**



SURVEYED BY: M.P., R.R.	SURVEY DATE: 05-08-14
DRAWN BY: H.W.	DATE DRAWN: 05-19-14
SCALE: 1" = 1000'	REVISED: 00-00-00

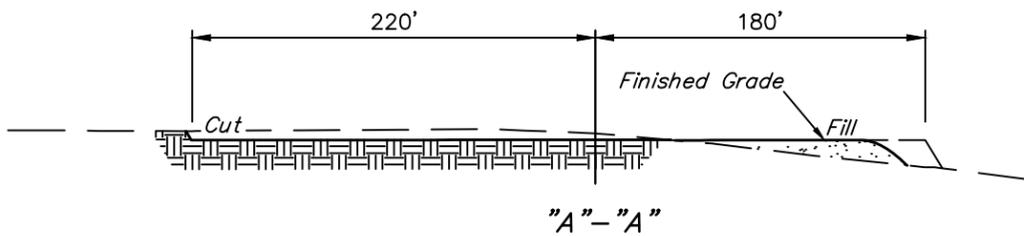
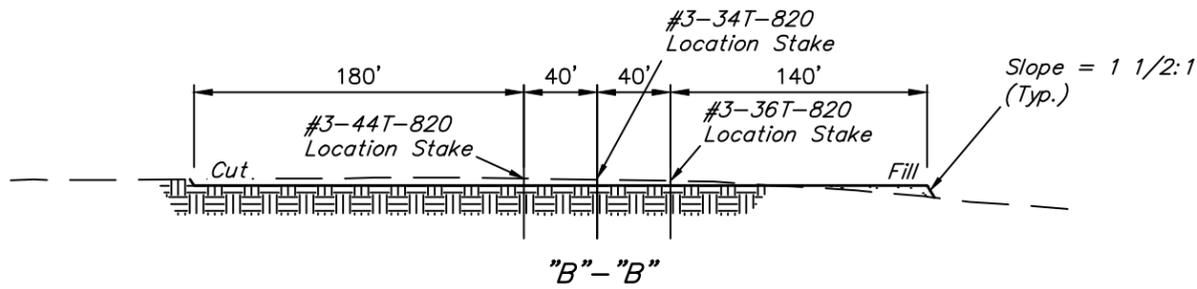
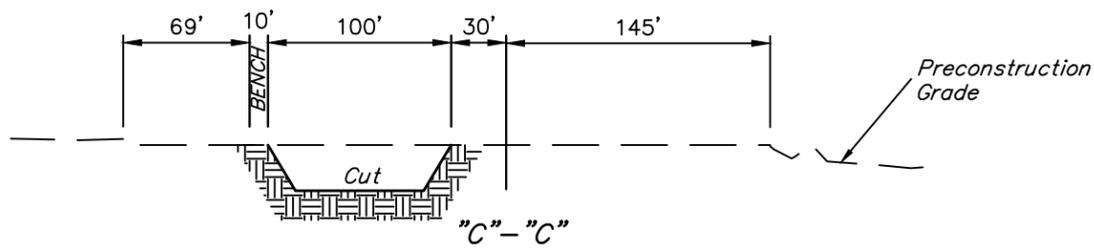
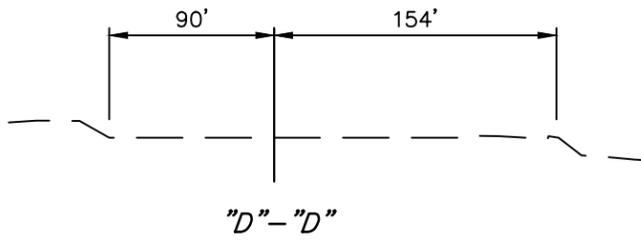
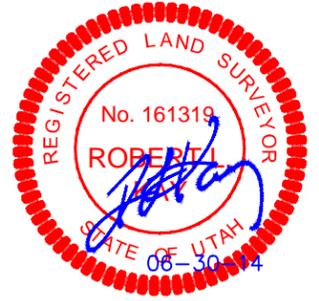
**WELL LOCATION PLAT**



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



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	1,700 Cu. Yds.
REMAINING LOCATION	10,120 Cu. Yds.
<b>TOTAL CUT</b>	<b>11,820 Cu. Yds.</b>
<b>FILL</b>	<b>790 Cu. Yds.</b>
EXCESS MATERIAL	11,030 Cu. Yds.
TOPSOIL & PIT BACKFILL (1/2 Pit Vol.)	4,310 Cu. Yds.
<b>EXCESS UNBALANCE (After Interim Rehabilitation)</b>	<b>6,720 Cu. Yds.</b>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
EXISTING WELL SITE DISTURBANCE	NA	±2.636
EXPANSION WELL SITE DISTURBANCE	NA	±2.042
<b>TOTAL SURFACE USE AREA</b>	<b>±0'</b>	<b>±4.678</b>

**NOTES:**

- Fill quantity includes 5% for compaction.
- Topsoil should not be stripped below finished grade on substructure area.
- 6" Topsoil Stripping new construction only.

**ULTRA RESOURCES, INC.**

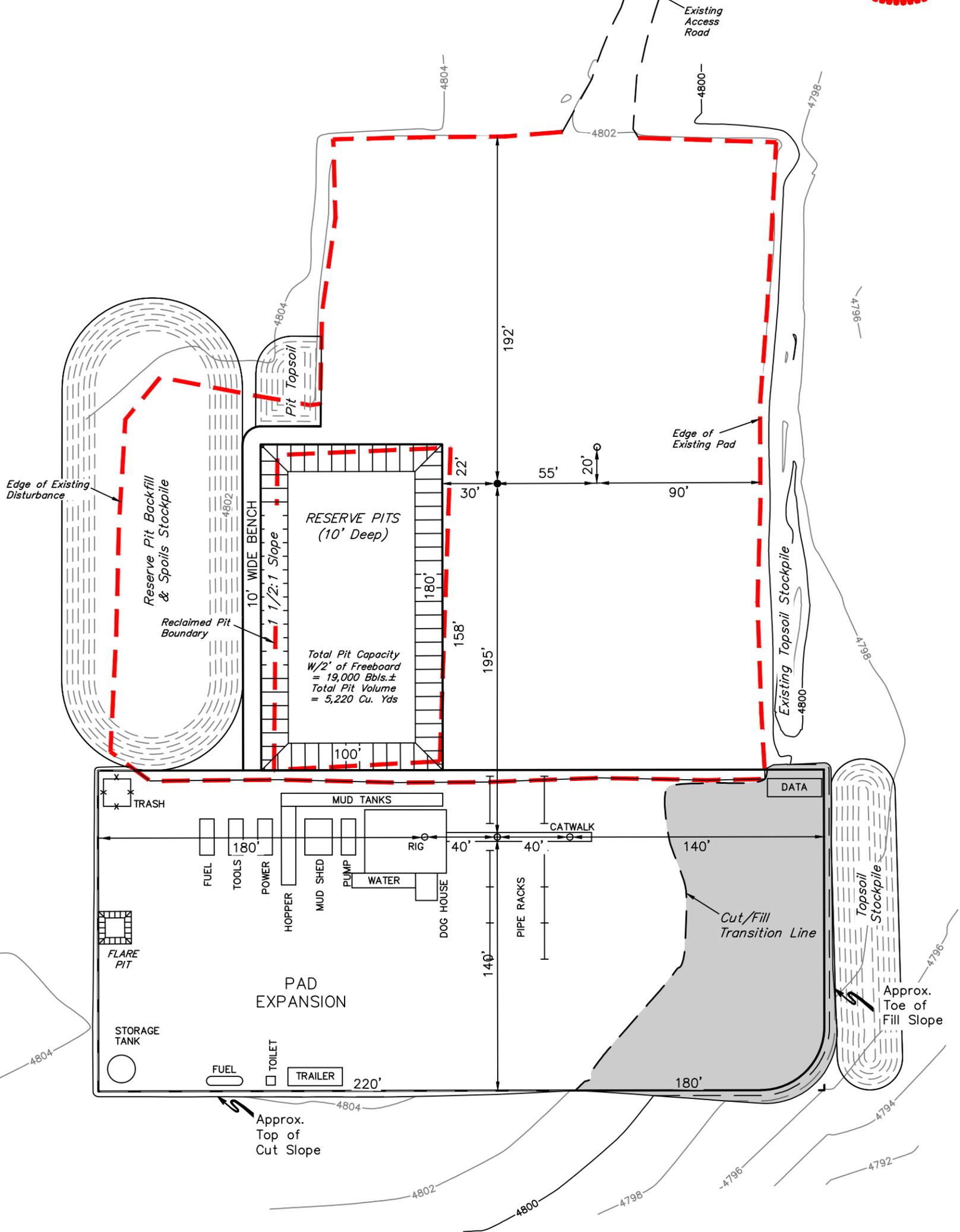
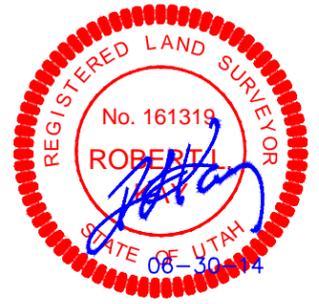
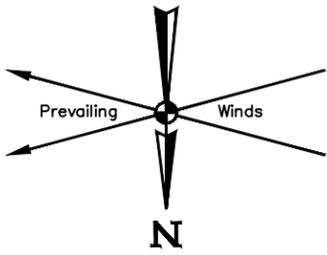
**THREE RIVERS FED #3-54-820, #3-44T-820, #3-34T-820  
 & #3-36T-820 ON EXISTING THREE RIVERS  
 FED #3-53-820 WELL PAD  
 SECTION 3, T8S, R20E, S.L.B.&M.  
 N 1/2 SE 1/4**



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DRAWN BY: V.H.	DATE DRAWN: 12-28-11
SCALE: AS SHOWN	REVISED: 05-20-14 H.W.

**TYPICAL CROSS SECTIONS      FIGURE #2**



**NOTES:**

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #3-54-820, #3-44T-820, #3-34T-820  
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DRAWN BY: V.H.	DATE DRAWN: 12-28-11
SCALE: 1" = 60'	REVISED: 06-26-14 S.S.

**TYPICAL RIG LAYOUT**

**FIGURE #3**

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 SOUTHERLY DIRECTION APPROXIMATELY 12.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 27.0 MILES.

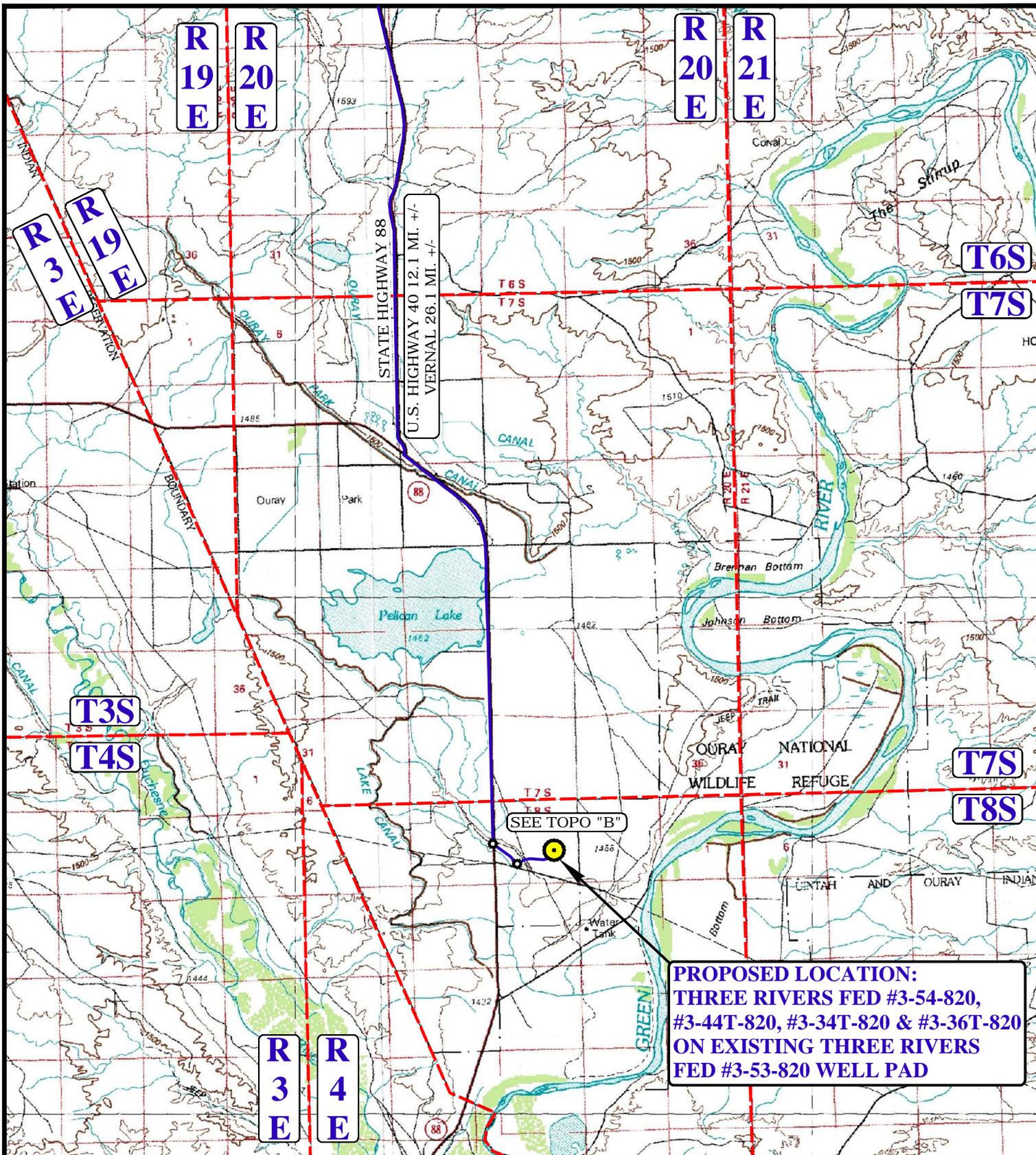
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DRAWN BY: J.L.H.	DATE DRAWN: 12-15-11
	REVISED: 06-04-14 L.S.
<b>ROAD DESCRIPTION</b>	



**PROPOSED LOCATION:  
THREE RIVERS FED #3-54-820,  
#3-44T-820, #3-34T-820 & #3-36T-820  
ON EXISTING THREE RIVERS  
FED #3-53-820 WELL PAD**

**LEGEND:**

 **PROPOSED LOCATION**



**ULTRA RESOURCES, INC.**

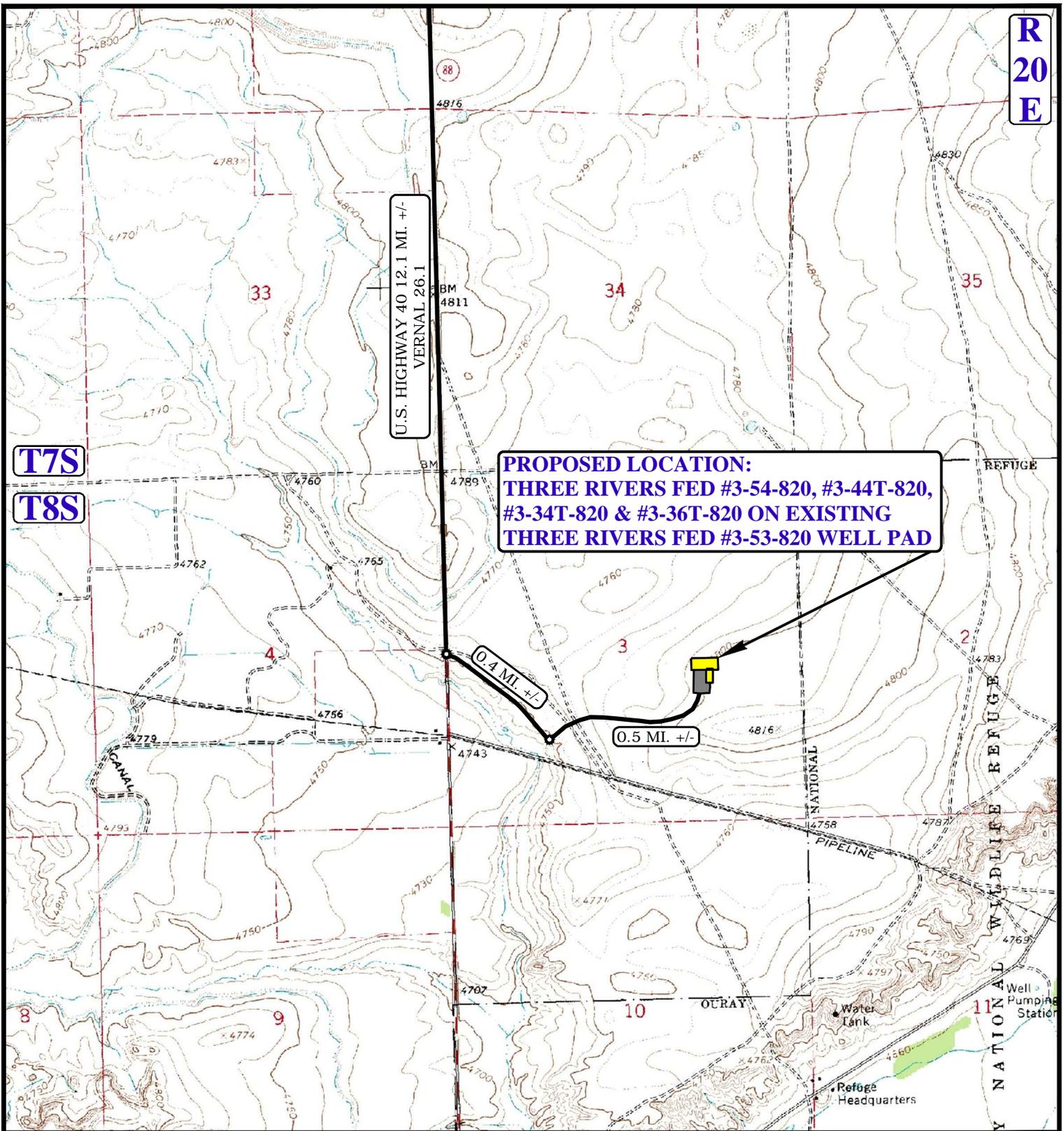
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DRAWN BY: J.L.H.	DATE DRAWN: 12-15-11
SCALE: 1:100,000	REVISED: 06-04-14 L.S.

**ACCESS ROAD MAP** **TOPO A**



**UELS, LLC**  
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NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ROAD



**ULTRA RESOURCES, INC.**

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SECTION 3, T8S, R20E, S.L.B.&M.  
N 1/2 SE 1/4

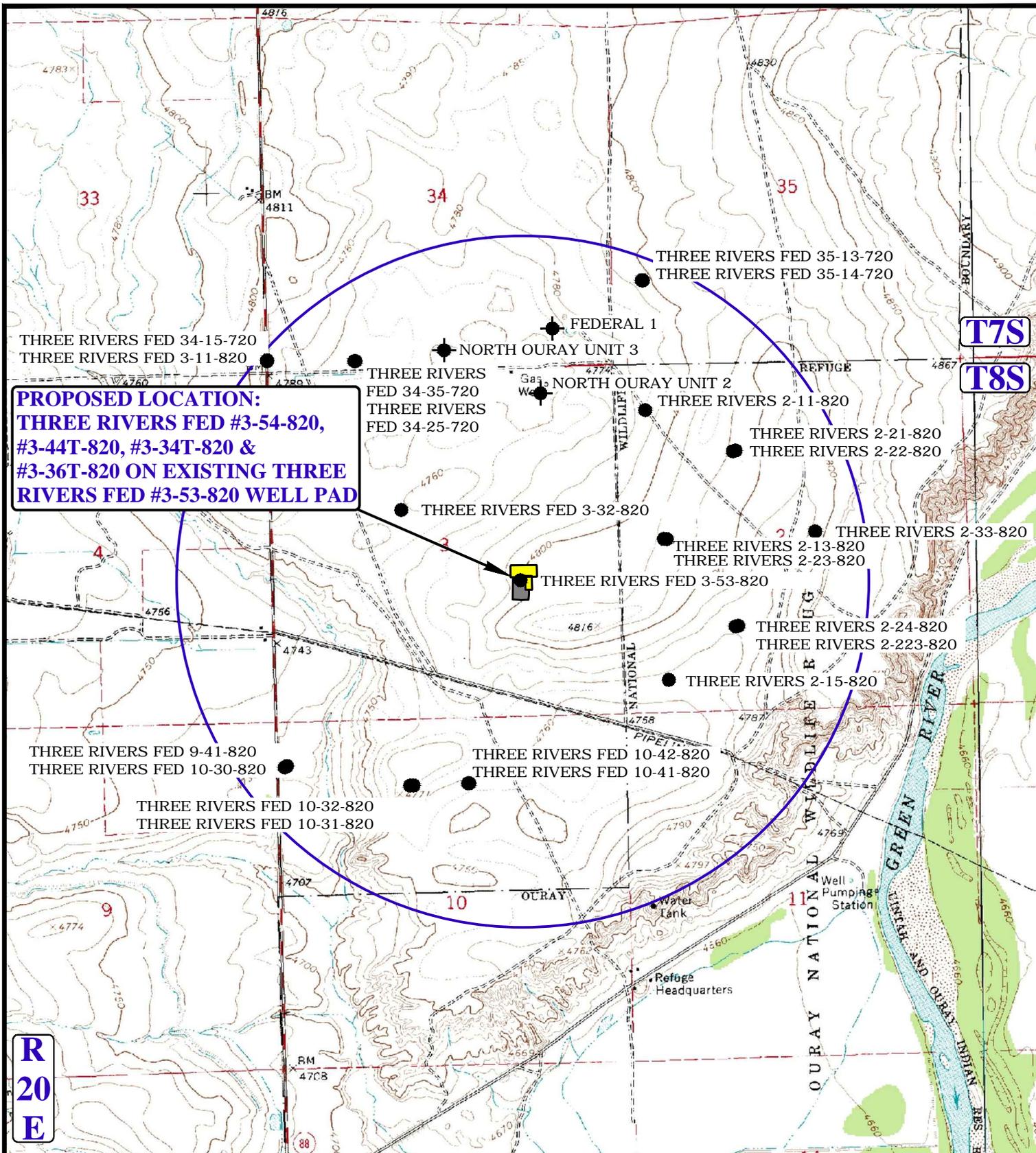
DRAWN BY: J.L.H.	DATE DRAWN: 12-15-11
SCALE: 1" = 2000'	REVISED: 06-04-14 L.S.

**ACCESS ROAD MAP**

**TOPO B**



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



**PROPOSED LOCATION:  
THREE RIVERS FED #3-54-820,  
#3-44T-820, #3-34T-820 &  
#3-36T-820 ON EXISTING THREE  
RIVERS FED #3-53-820 WELL PAD**

**R  
20  
E**

**LEGEND:**

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



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #3-54-820, #3-44T-820,  
#3-34T-820 & #3-36T-820 ON EXISTING  
THREE RIVERS FED #3-53-820 WELL PAD  
SECTION 3, T8S, R20E, S.L.B.&M.  
N 1/2 SE 1/4**

DRAWN BY: J.L.H.	DATE DRAWN: 12-15-11
SCALE: 1" = 2000'	REVISED: 06-04-14 L.S.

**WELL PROXIMITY MAP**

**TOPO C**



# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)  
 Field: UINTAH COUNTY Well: Three Rivers Fed 3-34T-820  
 Facility: Sec.03-T8S-R20E Wellbore: Three Rivers Fed 3-34T-820 PWB

### Targets

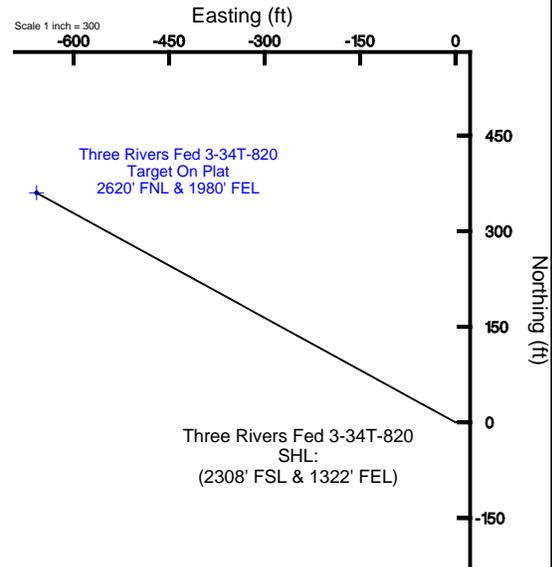
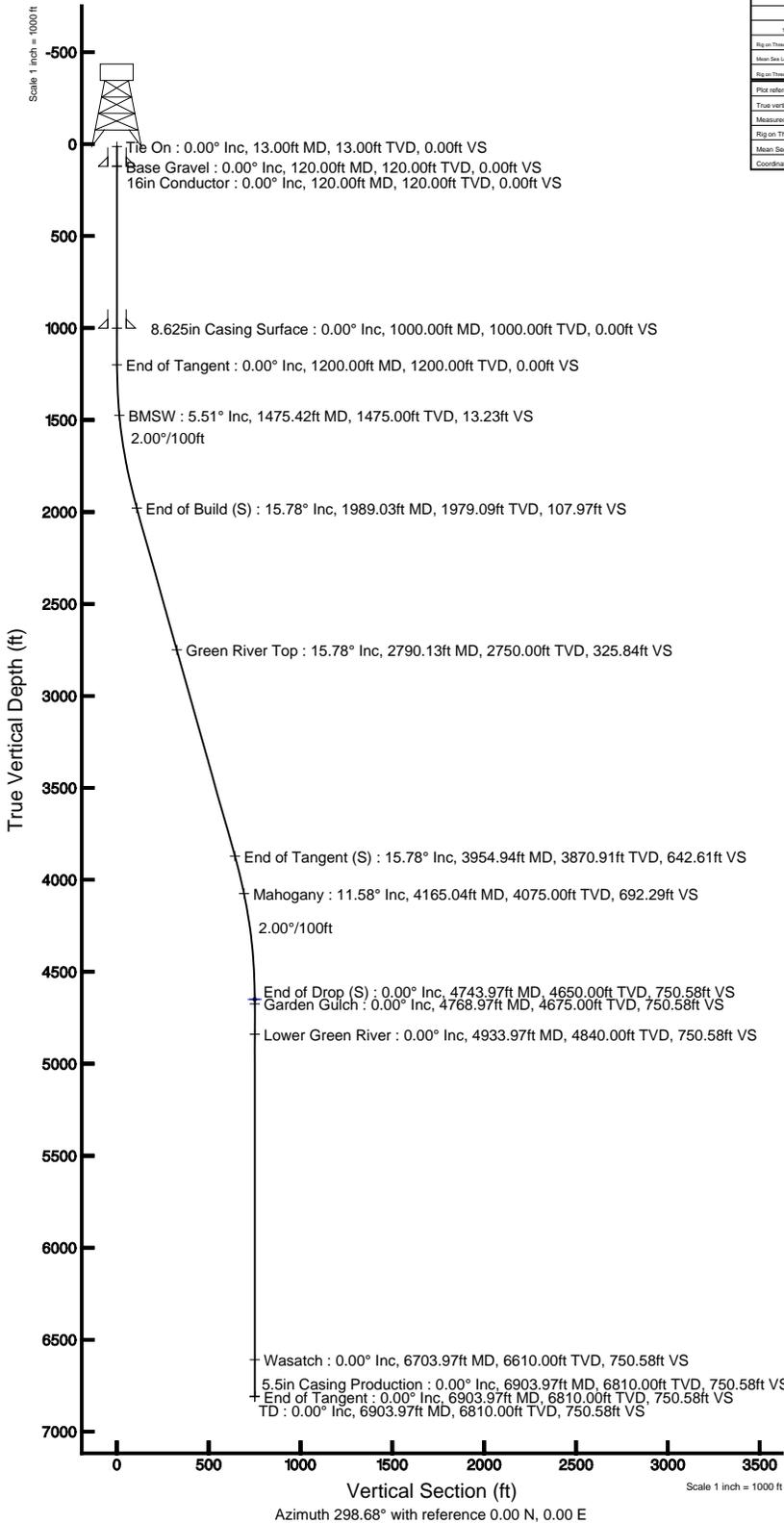
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers Fed 3-34T-820 Target On Plat 2620' FNL & 1980' FEL	4743.97	4650.00	365.25	-458.48	2155827.75	7228039.35	40°58'04.837N	109°30'07.207W

### Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.000	298.683	13.00	0.00	0.00	0.00	0.00
End of Tangent	1200.00	0.000	298.683	1200.00	0.00	0.00	0.00	0.00
End of Build (S)	1989.03	15.781	298.683	1979.09	51.82	-94.72	2.00	107.97
End of Tangent (S)	3954.94	15.781	298.683	3870.91	308.43	-563.75	2.00	642.61
End of Drop (S)	4743.97	0.000	298.683	4650.00	365.25	-658.48	2.00	750.58
End of Tangent	6903.97	0.000	298.683	6810.00	365.25	-658.48	0.00	750.58

### Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Sec.03-T8S-R20E	2155841.488	7228074.835	40°58'11.887N	109°30'22.897W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)	471.25	1884.60	2157363.481	7228060.831
Rig on Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL) to Mud line (at Slot: Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)				486.00
Mean Sea Level to Mud line (at Slot: Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)				0.00
Rig on Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL) to Mean Sea Level				486.00
PWD reference wellbore is Three Rivers Fed 3-34T-820 PWP True vertical depths are referenced to Rig on Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL) (RT) Measured depths are referenced to Rig on Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL) (RT) Rig on Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL) (RT) to Mean Sea Level: 4816.1 feet Mean Sea Level to Mud line (at Slot: Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)): 0 feet Depths are in feet Coordinates are in feet referenced to Slot Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet North Reference: True north Scale: True distance Created by: welliams on 7/7/2014				







### Planned Wellpath Report

Three Rivers Fed 3-34T-820 PWP

Page 2 of 5



**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)
Area	Three Rivers	Well	Three Rivers Fed 3-34T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 3-34T-820 PWB
Facility	Sec.03-T8S-R20E		

**WELLPATH DATA (82 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	298.683	0.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
13.00	0.000	298.683	13.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
113.00†	0.000	298.683	113.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
120.00†	0.000	298.683	120.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	Base Gravel
213.00†	0.000	298.683	213.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
313.00†	0.000	298.683	313.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
413.00†	0.000	298.683	413.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
513.00†	0.000	298.683	513.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
613.00†	0.000	298.683	613.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
713.00†	0.000	298.683	713.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
813.00†	0.000	298.683	813.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
913.00†	0.000	298.683	913.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
1013.00†	0.000	298.683	1013.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
1113.00†	0.000	298.683	1113.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
1200.00	0.000	298.683	1200.00	0.00	0.00	0.00	40°09'03.270"N	109°38'58.720"W	0.00	
1213.00†	0.260	298.683	1213.00	0.03	0.01	-0.03	40°09'03.270"N	109°38'58.720"W	2.00	
1313.00†	2.260	298.683	1312.97	2.23	1.07	-1.95	40°09'03.281"N	109°38'58.745"W	2.00	
1413.00†	4.260	298.683	1412.80	7.91	3.80	-6.94	40°09'03.308"N	109°38'58.809"W	2.00	
1475.42†	5.508	298.683	1475.00	13.23	6.35	-11.61	40°09'03.333"N	109°38'58.869"W	2.00	BMSW
1513.00†	6.260	298.683	1512.38	17.08	8.20	-14.99	40°09'03.351"N	109°38'58.913"W	2.00	
1613.00†	8.260	298.683	1611.57	29.72	14.26	-26.07	40°09'03.411"N	109°38'59.056"W	2.00	
1713.00†	10.260	298.683	1710.26	45.81	21.99	-40.19	40°09'03.487"N	109°38'59.238"W	2.00	
1813.00†	12.260	298.683	1808.33	65.33	31.36	-57.32	40°09'03.580"N	109°38'59.458"W	2.00	
1913.00†	14.260	298.683	1905.66	88.27	42.37	-77.44	40°09'03.689"N	109°38'59.717"W	2.00	
1989.03	15.781	298.683	1979.09	107.97	51.82	-94.72	40°09'03.782"N	109°38'59.940"W	2.00	
2013.00†	15.781	298.683	2002.16	114.49	54.95	-100.44	40°09'03.813"N	109°39'00.014"W	0.00	
2113.00†	15.781	298.683	2098.39	141.69	68.01	-124.30	40°09'03.942"N	109°39'00.321"W	0.00	
2213.00†	15.781	298.683	2194.62	168.88	81.06	-148.16	40°09'04.071"N	109°39'00.628"W	0.00	
2313.00†	15.781	298.683	2290.85	196.08	94.11	-172.02	40°09'04.200"N	109°39'00.935"W	0.00	
2413.00†	15.781	298.683	2387.08	223.27	107.16	-195.87	40°09'04.329"N	109°39'01.242"W	0.00	
2513.00†	15.781	298.683	2483.31	250.47	120.22	-219.73	40°09'04.458"N	109°39'01.550"W	0.00	
2613.00†	15.781	298.683	2579.54	277.66	133.27	-243.59	40°09'04.587"N	109°39'01.857"W	0.00	
2713.00†	15.781	298.683	2675.78	304.86	146.32	-267.45	40°09'04.716"N	109°39'02.164"W	0.00	
2790.13†	15.781	298.683	2750.00	325.84	156.39	-285.85	40°09'04.815"N	109°39'02.401"W	0.00	Green River Top
2813.00†	15.781	298.683	2772.01	332.06	159.38	-291.31	40°09'04.845"N	109°39'02.471"W	0.00	
2913.00†	15.781	298.683	2868.24	359.25	172.43	-315.17	40°09'04.974"N	109°39'02.779"W	0.00	
3013.00†	15.781	298.683	2964.47	386.45	185.48	-339.02	40°09'05.103"N	109°39'03.086"W	0.00	
3113.00†	15.781	298.683	3060.70	413.64	198.54	-362.88	40°09'05.232"N	109°39'03.393"W	0.00	
3213.00†	15.781	298.683	3156.93	440.84	211.59	-386.74	40°09'05.361"N	109°39'03.700"W	0.00	
3313.00†	15.781	298.683	3253.16	468.03	224.64	-410.60	40°09'05.490"N	109°39'04.008"W	0.00	
3413.00†	15.781	298.683	3349.39	495.23	237.69	-434.46	40°09'05.619"N	109°39'04.315"W	0.00	
3513.00†	15.781	298.683	3445.62	522.42	250.75	-458.31	40°09'05.748"N	109°39'04.622"W	0.00	
3613.00†	15.781	298.683	3541.86	549.62	263.80	-482.17	40°09'05.877"N	109°39'04.929"W	0.00	
3713.00†	15.781	298.683	3638.09	576.81	276.85	-506.03	40°09'06.006"N	109°39'05.237"W	0.00	
3813.00†	15.781	298.683	3734.32	604.01	289.91	-529.89	40°09'06.135"N	109°39'05.544"W	0.00	



### Planned Wellpath Report

Three Rivers Fed 3-34T-820 PWP

Page 3 of 5



**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)
Area	Three Rivers	Well	Three Rivers Fed 3-34T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 3-34T-820 PWB
Facility	Sec.03-T8S-R20E		

**WELLPATH DATA (82 stations) † = interpolated/extrapolated station**

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3913.00†	15.781	298.683	3830.55	631.20	302.96	-553.75	40°09'06.264"N	109°39'05.851"W	0.00	
3954.94	15.781	298.683	3870.91	642.61	308.43	-563.75	40°09'06.318"N	109°39'05.980"W	0.00	
4013.00†	14.619	298.683	3926.94	657.83	315.74	-577.11	40°09'06.390"N	109°39'06.152"W	2.00	
4113.00†	12.619	298.683	4024.12	681.38	327.04	-597.76	40°09'06.502"N	109°39'06.418"W	2.00	
4165.04†	11.579	298.683	4075.00	692.29	332.28	-607.33	40°09'06.553"N	109°39'06.541"W	2.00	Mahogany
4213.00†	10.619	298.683	4122.06	701.52	336.71	-615.43	40°09'06.597"N	109°39'06.646"W	2.00	
4313.00†	8.619	298.683	4220.65	718.23	344.73	-630.09	40°09'06.677"N	109°39'06.834"W	2.00	
4413.00†	6.619	298.683	4319.77	731.49	351.09	-641.72	40°09'06.739"N	109°39'06.984"W	2.00	
4513.00†	4.619	298.683	4419.28	741.28	355.79	-650.31	40°09'06.786"N	109°39'07.095"W	2.00	
4613.00†	2.619	298.683	4519.08	747.59	358.82	-655.85	40°09'06.816"N	109°39'07.166"W	2.00	
4713.00†	0.619	298.683	4619.03	750.42	360.18	-658.33	40°09'06.829"N	109°39'07.198"W	2.00	
4743.97	0.000	298.683	4650.00†	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	2.00	
4768.97†	0.000	298.683	4675.00	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	Garden Gulch
4813.00†	0.000	298.683	4719.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
4913.00†	0.000	298.683	4819.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
4933.97†	0.000	298.683	4840.00	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	Lower Green River
5013.00†	0.000	298.683	4919.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5113.00†	0.000	298.683	5019.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5213.00†	0.000	298.683	5119.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5313.00†	0.000	298.683	5219.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5413.00†	0.000	298.683	5319.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5513.00†	0.000	298.683	5419.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5613.00†	0.000	298.683	5519.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5713.00†	0.000	298.683	5619.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5813.00†	0.000	298.683	5719.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
5913.00†	0.000	298.683	5819.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6013.00†	0.000	298.683	5919.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6113.00†	0.000	298.683	6019.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6213.00†	0.000	298.683	6119.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6313.00†	0.000	298.683	6219.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6413.00†	0.000	298.683	6319.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6513.00†	0.000	298.683	6419.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6613.00†	0.000	298.683	6519.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6703.97†	0.000	298.683	6610.00	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	Wasatch
6713.00†	0.000	298.683	6619.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6813.00†	0.000	298.683	6719.03	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	
6903.97	0.000	298.683	6810.00	750.58	360.26	-658.48	40°09'06.830"N	109°39'07.200"W	0.00	ID



## Planned Wellpath Report

Three Rivers Fed 3-34T-820 PWP

Page 4 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)
Area	Three Rivers	Well	Three Rivers Fed 3-34T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 3-34T-820 PWB
Facility	Sec.03-T8S-R20E		

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 3-34T-820 PWB Ref Wellpath: Three Rivers Fed 3-34T-820 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	6903.97	5903.97	1000.00	6810.00	0.00	0.00	360.26	-658.48
5.5in Casing Production	13.00	6903.97	6890.97	13.00	6810.00	0.00	0.00	360.26	-658.48

### TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers Fed 3-34T-820 Target On Plat 2620' FNL & 1980' FEL	4743.97	4650.00	360.26	-658.48	2156927.75	7229389.36	40°09'06.830"N	109°39'07.200"W	point



### Planned Wellpath Report

Three Rivers Fed 3-34T-820 PWP

Page 5 of 5



**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 3-34T-820 (2308' FSL & 1322' FEL)
Area	Three Rivers	Well	Three Rivers Fed 3-34T-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 3-34T-820 PWB
Facility	Sec.03-T8S-R20E		

**WELLPATH COMMENTS**

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	298.683	120.00	Base Gravel
1475.42	5.508	298.683	1475.00	BMSW
2790.13	15.781	298.683	2750.00	Green River Top
4165.04	11.579	298.683	4075.00	Mahogany
4768.97	0.000	298.683	4675.00	Garden Gulch
4933.97	0.000	298.683	4840.00	Lower Green River
6703.97	0.000	298.683	6610.00	Wasatch
6903.97	0.000	298.683	6810.00	TD



## Ultra Resources, Inc.

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November 12, 2014

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

RE: Request for Exception to Spacing

**Three Rivers Fed 3-34T-820**

Surface Location: 2308' FSL & 1322' FEL, NESE, Sec. 3, T8S, R20E

Target Location: 2620' FNL & 1980' FEL, SWNE, Sec. 3, T8S, R20E  
SLB&M, Uintah County, Utah

Dear Mr. Doucet:

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

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

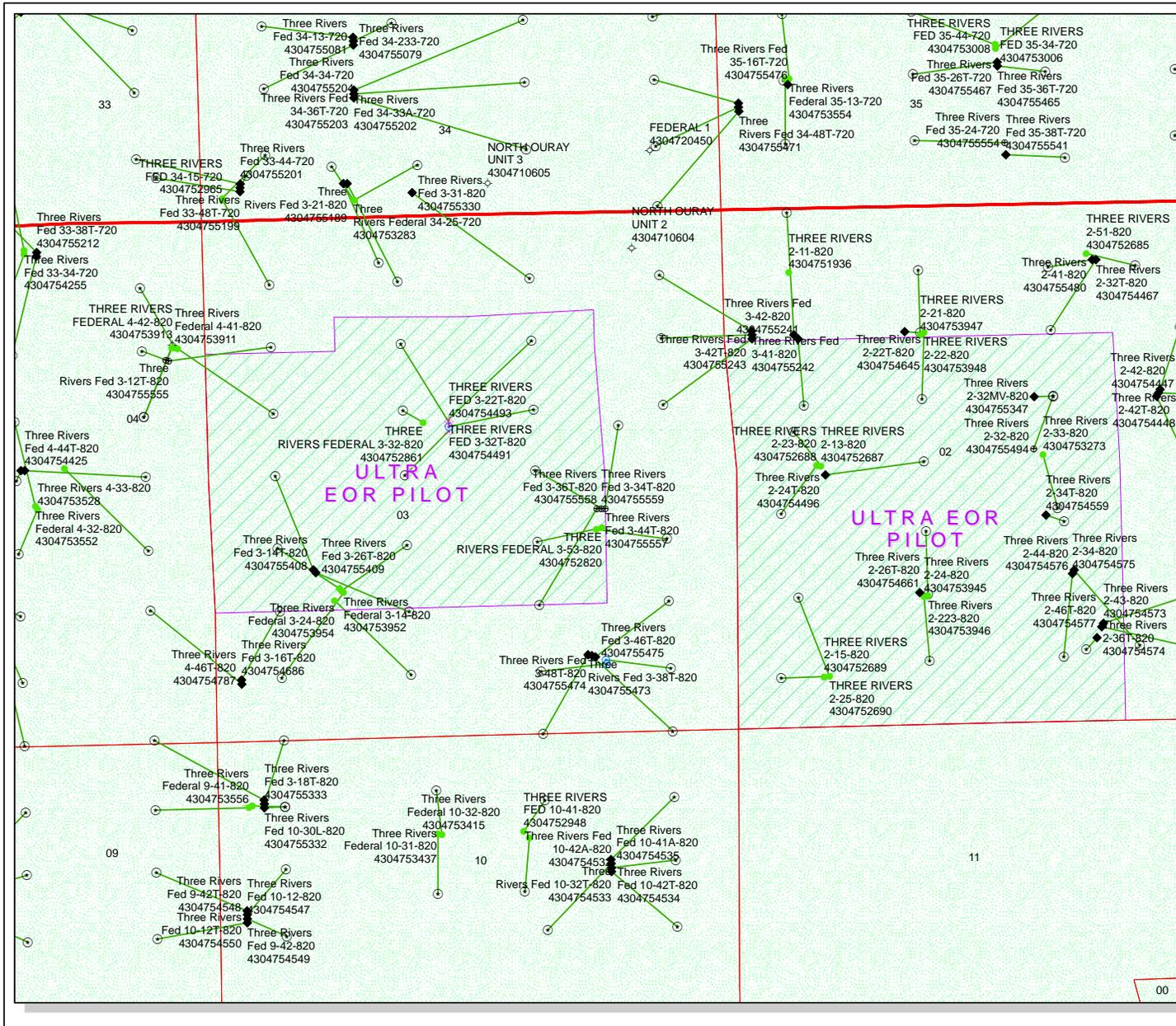
Ultra owns 100% of the leasehold within 460 feet of the surface and target location as well as all points along the intended well bore path.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Jenna Anderson".

Jenna Anderson  
Permitting Specialist



API Number: 4304755559

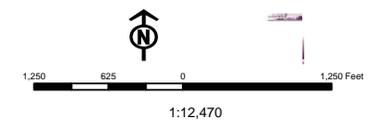
Well Name: Three Rivers Fed 3-34T-820

Township: T08.0S Range: R20.0E Section: 03 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 8/4/2016  
Map Produced by Diana Mason

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



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/1/2016

API NO. ASSIGNED: 4304755590000

WELL NAME: Three Rivers Fed 3-34T-820

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 307 367-5041

CONTACT: Jasmine Allison

PROPOSED LOCATION: NESE 03 080S 200E

Permit Tech Review: 

SURFACE: 2308 FSL 1322 FEL

Engineering Review: 

BOTTOM: 2620 FNL 1980 FEL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.15086

LONGITUDE: -109.64986

UTM SURF EASTINGS: 614995.00

NORTHINGS: 4445375.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU87342 UTU85994

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - UTB000593
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-10988
- 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: 4 - Federal Approval - dmason  
15 - Directional - dmason



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Permit To Drill

\*\*\*\*\*

**Well Name:** Three Rivers Fed 3-34T-820  
**API Well Number:** 43047555590000  
**Lease Number:** UTU87342 UTU85994  
**Surface Owner:** FEDERAL  
**Approval Date:** 8/9/2016

### Issued to:

ULTRA RESOURCES INC, 116 Inverness Drive East, Suite #400, 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:

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

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

### 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 Alexis Huefner at 801-538-5302

(please leave a voicemail message if not available)

OR

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

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

**Reporting Requirements:**

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

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

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint, illegible stamp or background.

For John Rogers  
Associate Director, Oil & Gas