

**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 10-42A-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      Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>
<b>6. NAME OF OPERATOR</b> ULTRA RESOURCES INC		<b>7. OPERATOR PHONE</b> 303 645-9810
<b>8. ADDRESS OF OPERATOR</b> 304 Inverness Way South #245, Englewood, CO, 80112		<b>9. OPERATOR E-MAIL</b> dghani@ultrapetroleum.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU87342	<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	1402 FNL 1318 FEL	SENE	10	8.0 S	20.0 E	S
Top of Uppermost Producing Zone	1980 FNL 660 FEL	SENE	10	8.0 S	20.0 E	S
At Total Depth	1980 FNL 660 FEL	SENE	10	8.0 S	20.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 660	<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: 6815    TVD: 6677	
<b>27. ELEVATION - GROUND LEVEL</b> 4749	<b>28. BOND NUMBER</b> UTB000593	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-2262

**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	11	8.625	0 - 1000	24.0	J-55 LT&C	8.8	Premium Lite High Strength	80	2.97	11.5
							Class G	115	1.16	15.8
Prod	7.875	5.5	0 - 6815	17.0	J-55 LT&C	10.0	OTHER	225	3.54	11.0
							OTHER	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> Jenna Anderson	<b>TITLE</b> Permitting Assistant	<b>PHONE</b> 303 645-9804
<b>SIGNATURE</b>	<b>DATE</b> 06/20/2014	<b>EMAIL</b> janderson@ultrapetroleum.com
<b>API NUMBER ASSIGNED</b> 43047545320000	<b>APPROVAL</b>   Permit Manager	

**ULTRA RESOURCES, INC.**

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

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

**DATED: 06-20-14**

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

**Three Rivers Fed 10-42A-820**

**SHL: Sec 10 (SENE) 8S 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.

**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	1,400' MD / 1,400' TVD	
Green River	2,696' MD / 2,642' TVD	
Mahogany	4,102' MD / 3,967' TVD	
Garden Gulch	4,695' MD / 4,557' TVD	Oil & Associated Gas
Lower Green River*	4,855' MD / 4,717' TVD	Oil & Associated Gas
Wasatch	6,615' MD / 6,477' TVD	Oil & Associated Gas
TD	6,815' MD / 6,677' 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 – 6,815' MD / 6,677' 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"	6,815' MD / 6,677' 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' – 6,815' MD / 6,677' 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 is 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 - 6,815' MD / 6,677' 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

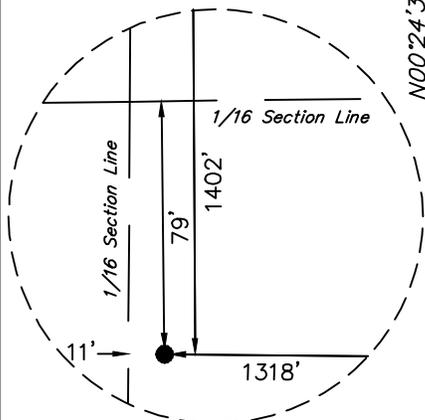
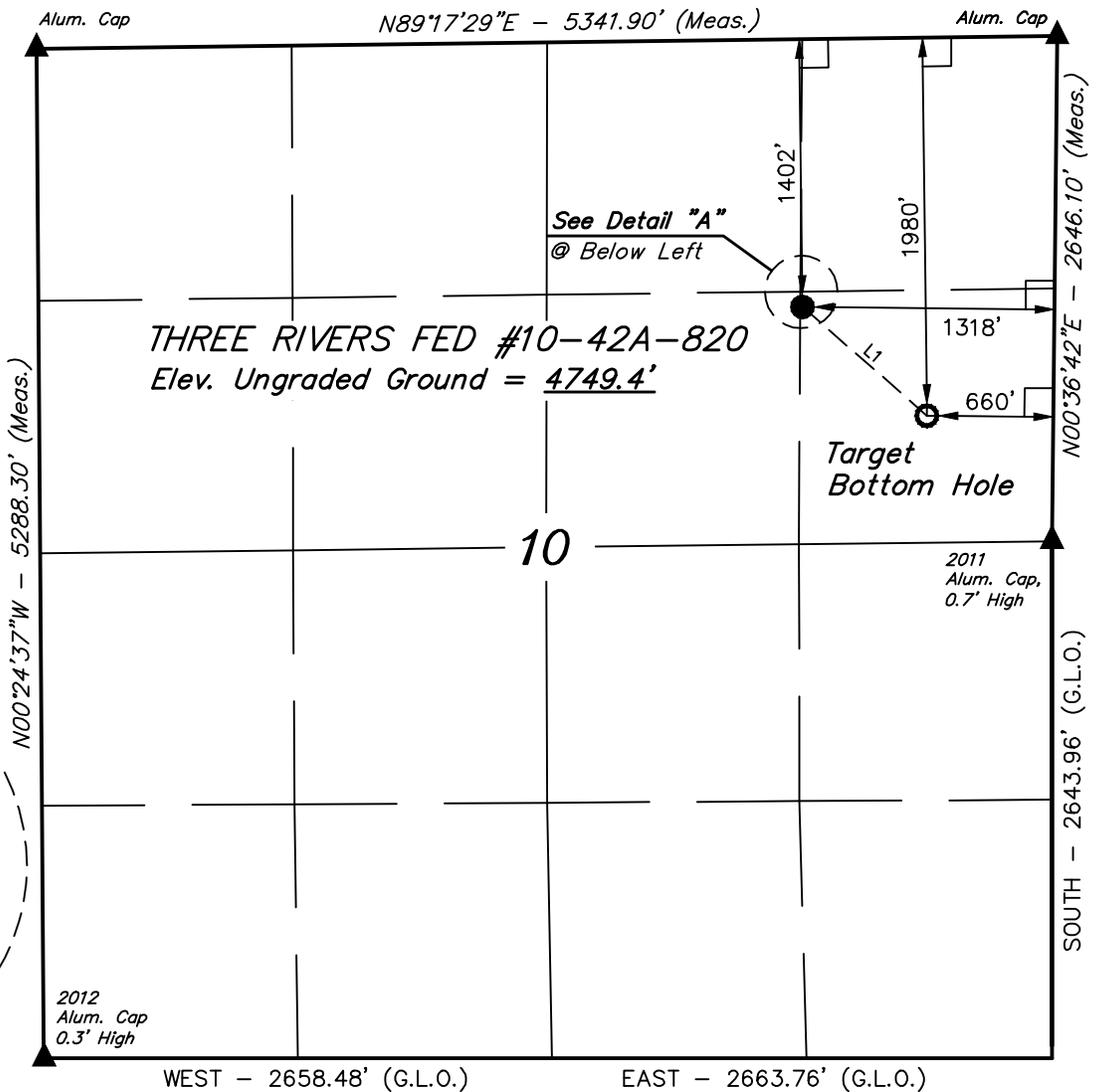
- A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the *Utah Division of Oil, Gas and Mining*, and the BLM Vernal (when drilling on Federal leases).

- 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.

**LEGEND:**

- └─ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.

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



**Detail "A"**  
No Scale

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S48°48'52"E	865.63'



NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°08'20.97" (40.139158)	LATITUDE = 40°08'26.61" (40.140725)
LONGITUDE = 109°38'50.72" (109.647422)	LONGITUDE = 109°38'59.10" (109.649750)

**CERTIFICATE**

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

**ROBERT L. KAY**

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161310  
STATE OF UTAH

**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, 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.



**ULTRA RESOURCES, INC.**

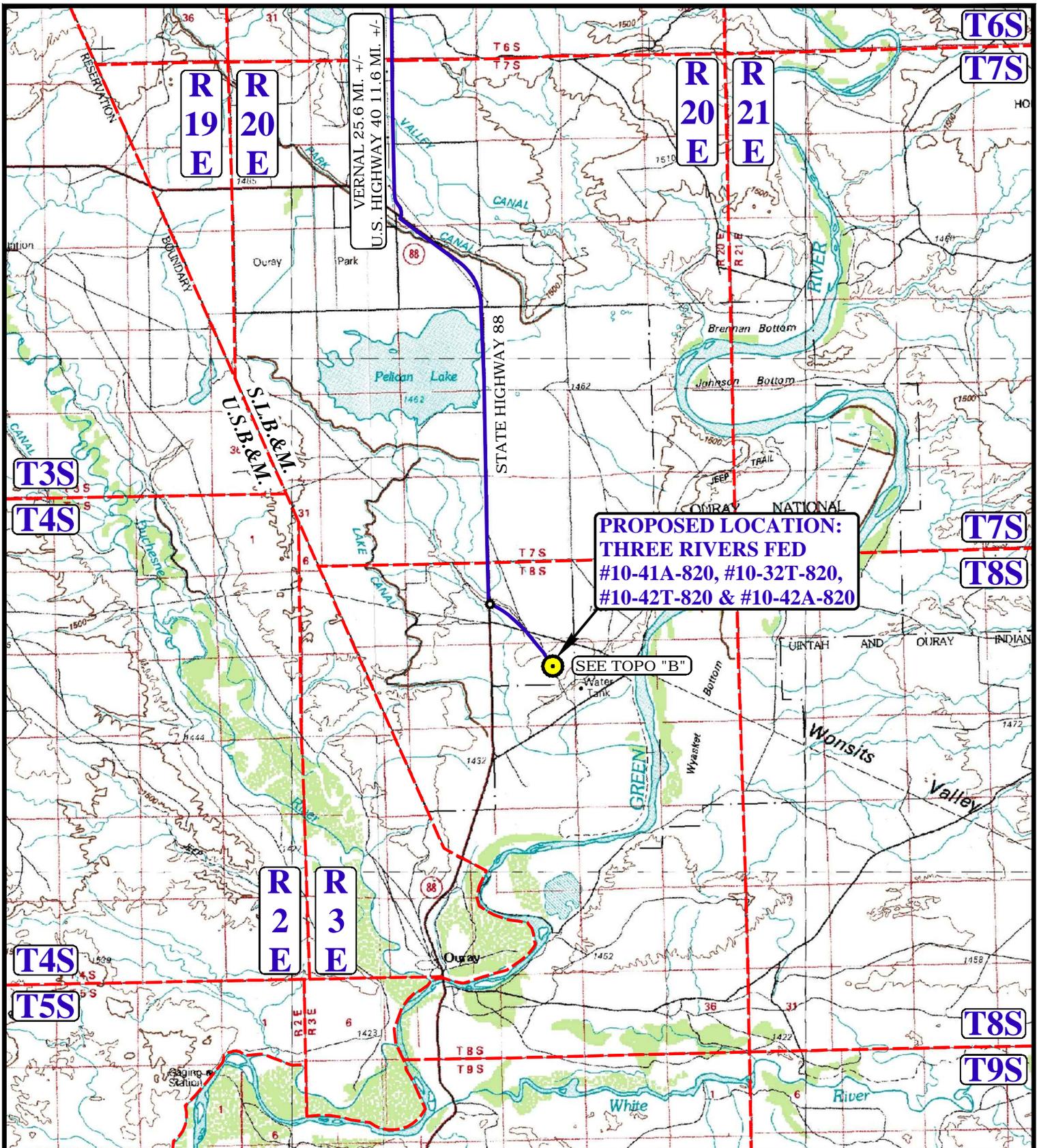
**THREE RIVERS FED #10-42A-820**  
**SE 1/4 NE 1/4 SECTION 10, T8S, R20E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

SURVEYED BY: N.F., Z.F.	SCALE: 1" = 1000'	REVISED BY: M.L.
DATE: 04-15-14		DATE: 05-06-14

**WELL LOCATION PLAT**



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



**LEGEND:**

 PROPOSED LOCATION



**ULTRA RESOURCES, INC.**

THREE RIVERS FED #10-41A-820,  
#10-32T-820, #10-42T-820 & #10-42A-820  
SECTION 10, T8S, R20E, S.L.B.&M.  
NE 1/4

DRAWN BY: J.M.C.

SCALE: 1:100,000

DATE DRAWN: 04-30-14

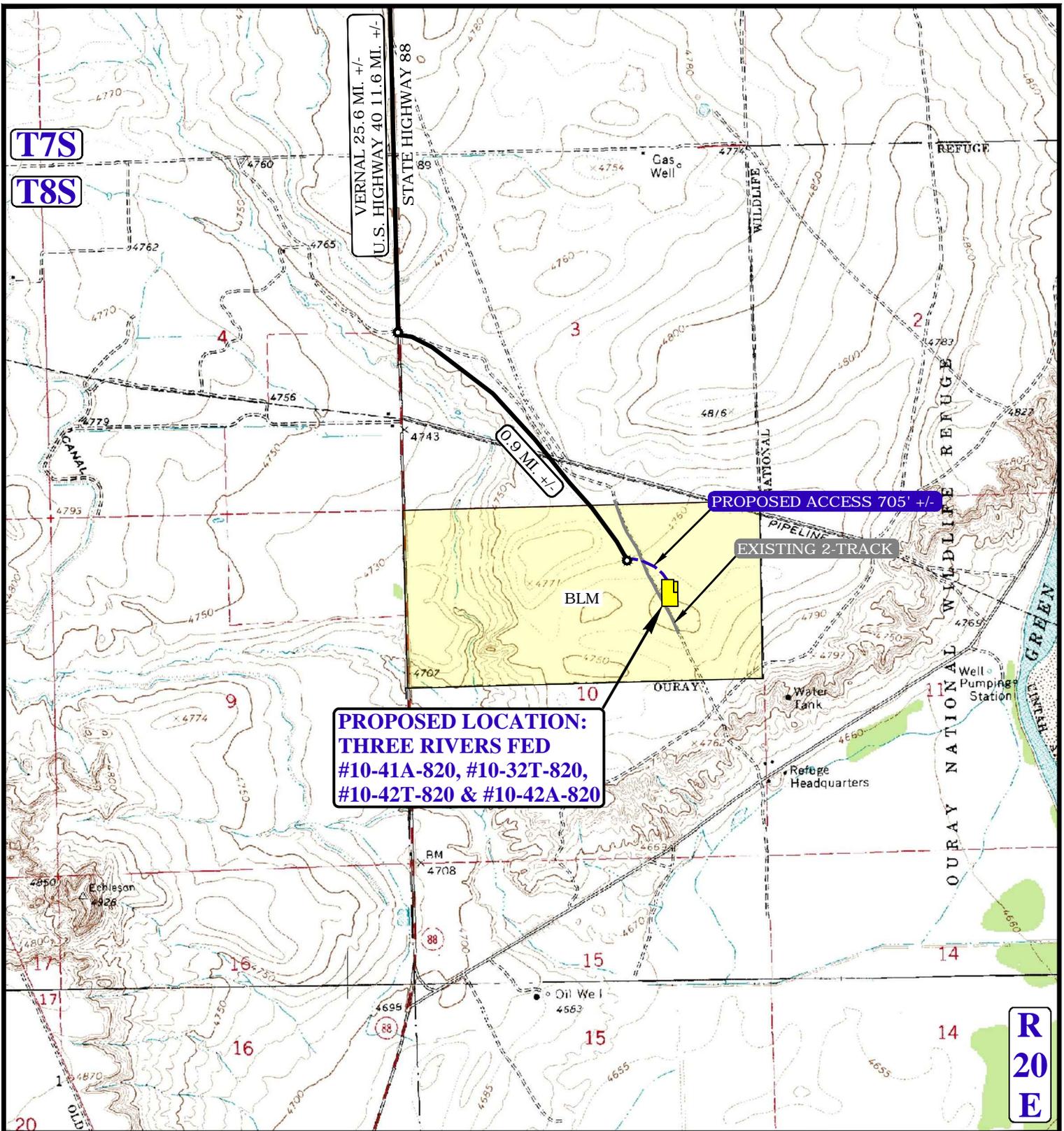
REV: 00-00-00

**ACCESS ROAD MAP**

**TOPO A**



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



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
- EXISTING 2-TRACK

**ULTRA RESOURCES, INC.**

THREE RIVERS FED #10-41A-820,  
 #10-32T-820, #10-42T-820 & #10-42A-820  
 SECTION 10, T8S, R20E, S.L.B.&M.  
 NE 1/4

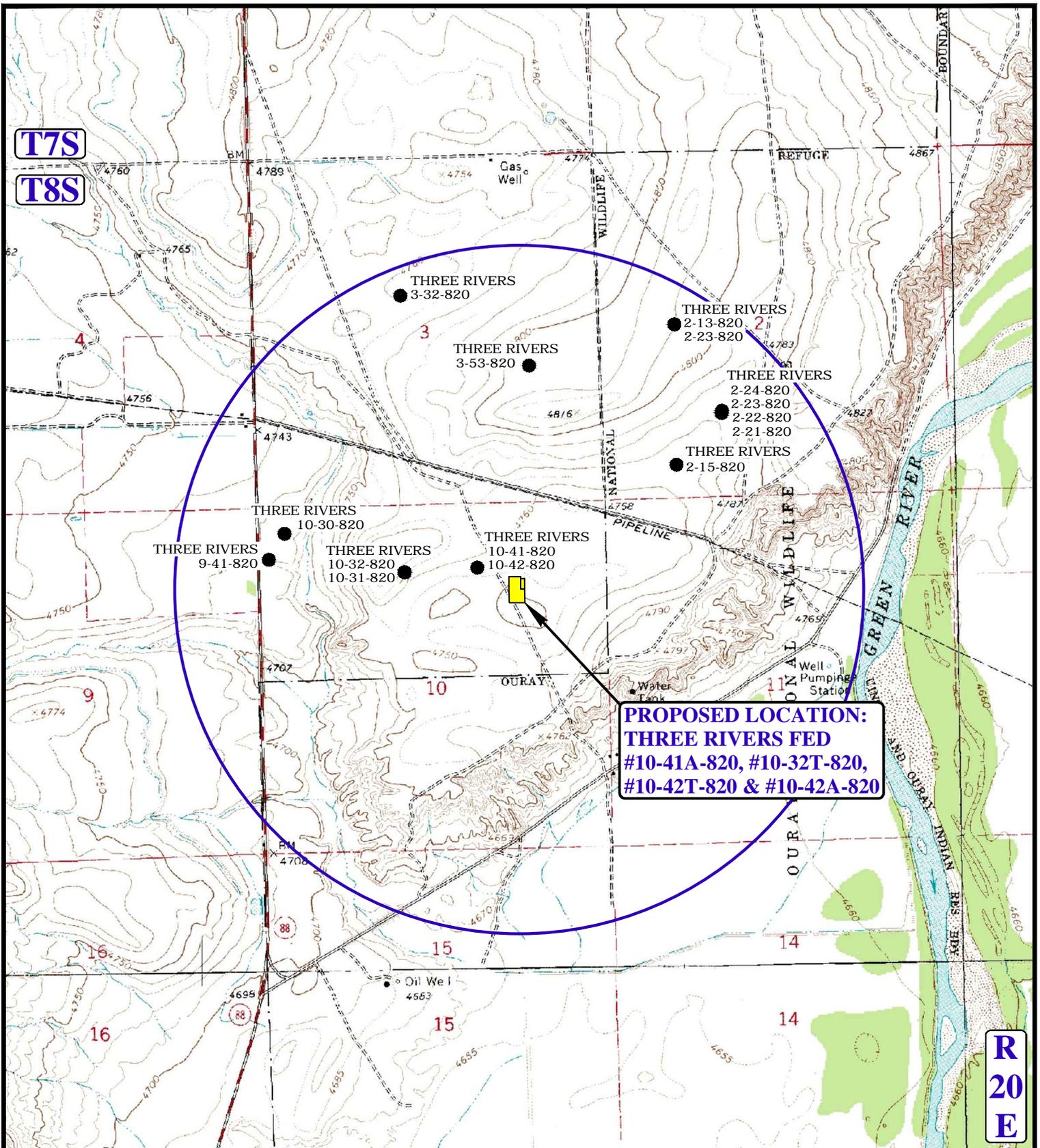


DRAWN BY: J.M.C.	SCALE: 1" = 2000'
DATE DRAWN: 04-30-14	REV: 00-00-00

**ACCESS ROAD MAP** | **TOPO B**



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



**PROPOSED LOCATION:  
THREE RIVERS FED  
#10-41A-820, #10-32T-820,  
#10-42T-820 & #10-42A-820**

**LEGEND:**

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

**ULTRA RESOURCES, INC.**

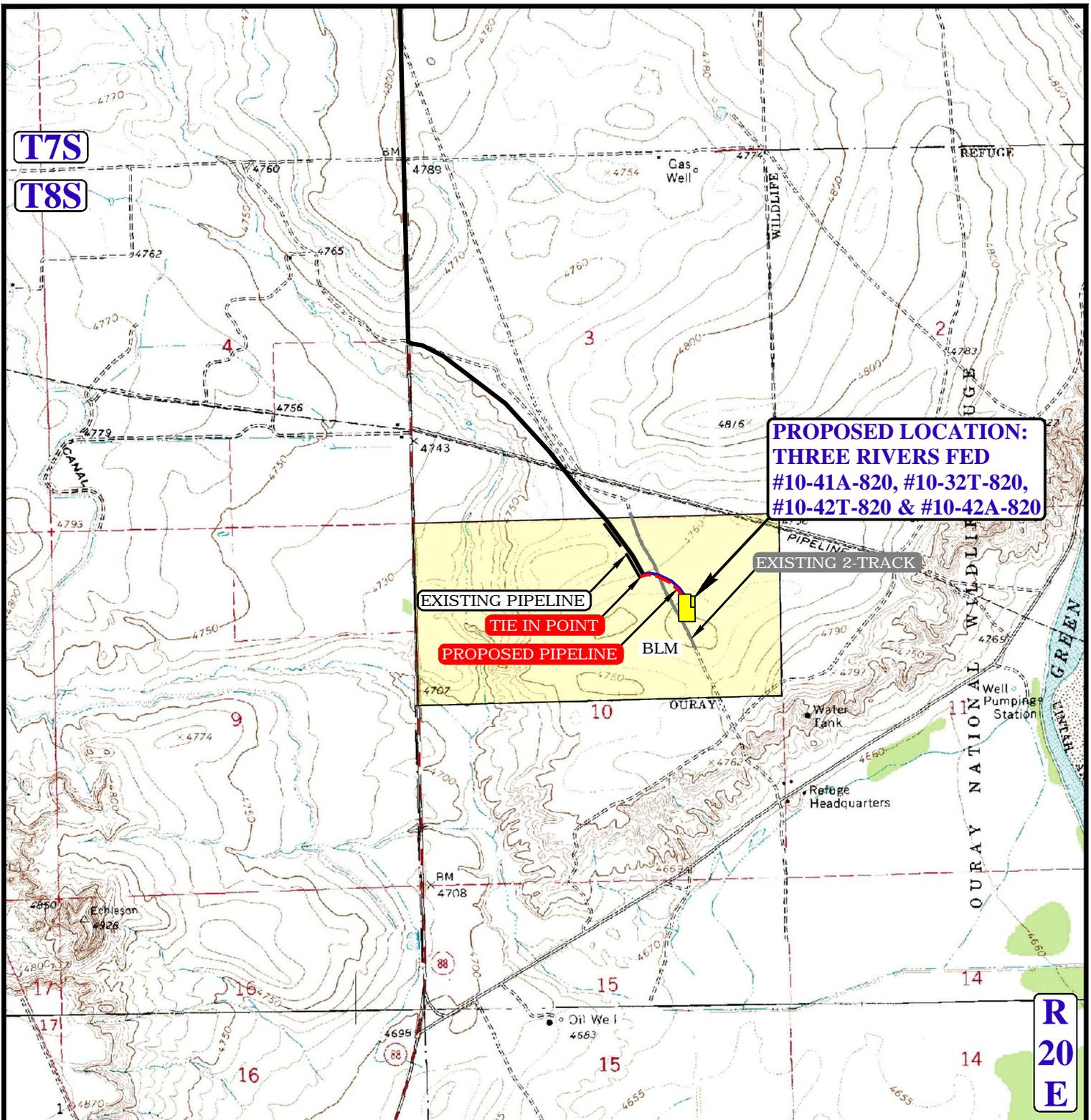
**THREE RIVERS FED #10-41A-820,  
#10-32T-820, #10-42T-820 & #10-42A-820  
SECTION 10, T8S, R20E, S.L.B.&M.  
NE 1/4**



DRAWN BY: J.M.C.	SCALE: 1" = 2000'
DATE DRAWN: 04-30-14	REV: 00-00-00
<b>WELL PROXIMITY MAP</b>	<b>TOPO C</b>



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



**PROPOSED LOCATION:  
THREE RIVERS FED  
#10-41A-820, #10-32T-820,  
#10-42T-820 & #10-42A-820**

**EXISTING PIPELINE**  
**TIE IN POINT**  
**PROPOSED PIPELINE**

**EXISTING 2-TRACK**

**BLM**

**OURAY**

**R  
20  
E**

**APPROXIMATE TOTAL PIPELINE DISTANCE = 734' +/-**

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
- EXISTING PIPELINE
- PROPOSED PIPELINE
- EXISTING 2-TRACK

**ULTRA RESOURCES, INC.**

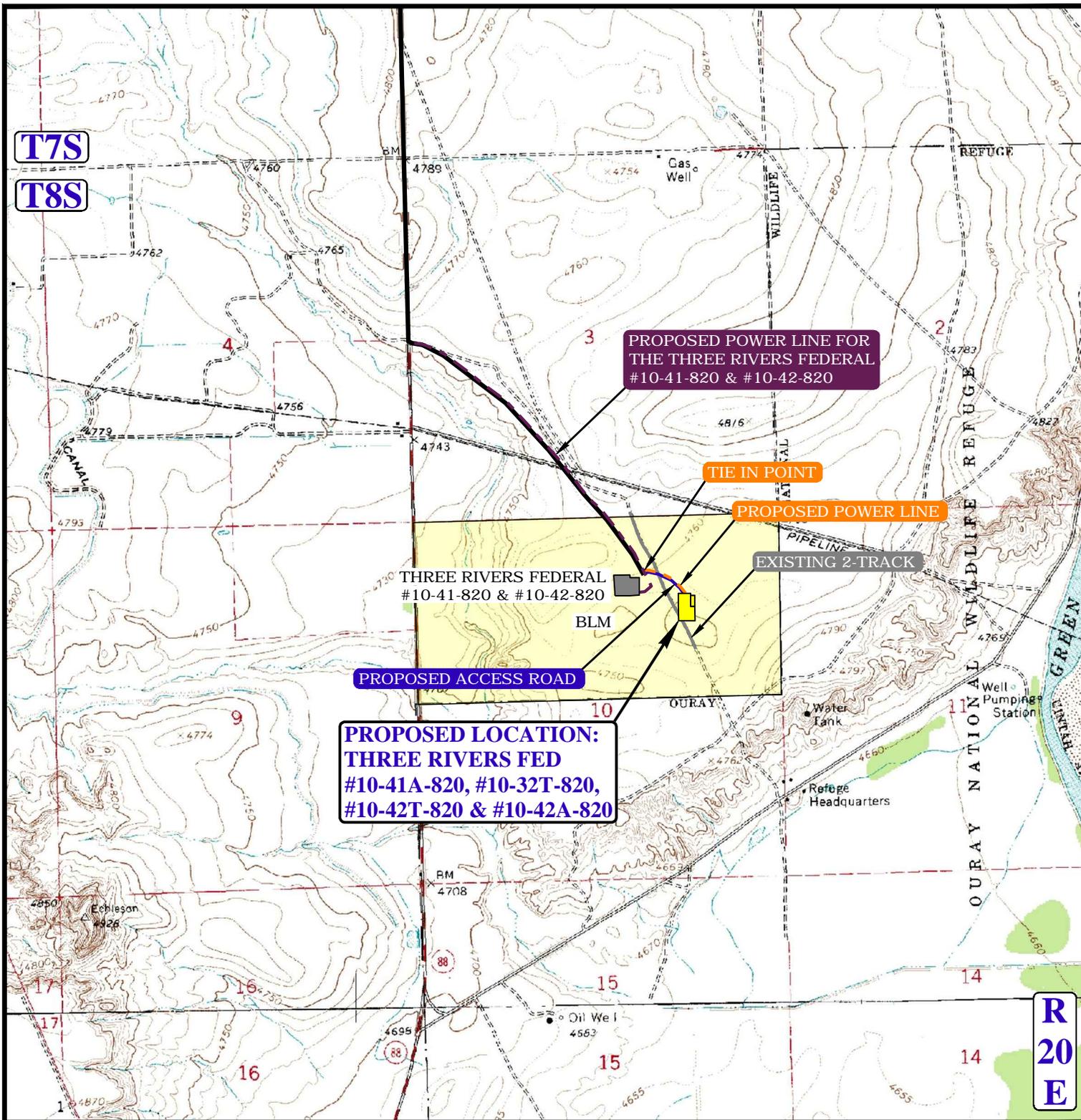
**THREE RIVERS FED #10-41A-820,  
#10-32T-820, #10-42T-820 & #10-42A-820  
SECTION 10, T8S, R20E, S.L.B.&M.  
NE 1/4**



DRAWN BY: J.M.C.	SCALE: 1" = 2000'
DATE DRAWN: 04-30-14	REV: 00-00-00
<b>PIPELINE MAP</b>	<b>TOPO D</b>



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



**APPROXIMATE TOTAL POWER LINE DISTANCE = 743' +/-**

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

**ULTRA RESOURCES, INC.**

THREE RIVERS FED #10-41A-820,  
#10-32T-820, #10-42T-820 & #10-42A-820  
SECTION 10, T8S, R20E, S.L.B.&M.  
NE 1/4



DRAWN BY: J.M.C.

SCALE: 1" = 2000'

DATE DRAWN: 04-30-14

REV: 00-00-00

**POWER LINE MAP**

**TOPO E**



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





## Planned Wellpath Report

Three Rivers Fed 10-42A-820 PWP

Page 1 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL)
Area	Three Rivers	Well	Three Rivers Fed 10-42A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 10-42A-820 PWB
Facility	Sec.10-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	0.999913	Report Generated	6/10/2014 at 11:00:57 AM
Convergence at slot	1.19° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_10-42A-820_PWB.xml

### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-716.27	3714.63	2157640.71	7225333.60	40°08'26.610"N	109°38'59.100"W
Facility Reference Pt			2153912.48	7225973.38	40°08'33.691"N	109°39'46.930"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 Fed 10-42A-820 (1402' FNL & 1318' FEL) (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL) (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL) (RT)	Rig on Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL) (RT) to Mud Line at Slot (Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL) (RT) to Mean Sea Level)
MD Reference Pt	Rig on Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL) (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth



### Planned Wellpath Report

Three Rivers Fed 10-42A-820 PWP  
Page 2 of 5



**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL)
Area	Three Rivers	Well	Three Rivers Fed 10-42A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 10-42A-820 PWB
Facility	Sec.10-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	131.248	0.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
13.00	0.000	131.248	13.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
113.00†	0.000	131.248	113.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
120.00†	0.000	131.248	120.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	Gas Gravel
213.00†	0.000	131.248	213.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
313.00†	0.000	131.248	313.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
413.00†	0.000	131.248	413.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
513.00†	0.000	131.248	513.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
613.00†	0.000	131.248	613.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
713.00†	0.000	131.248	713.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
813.00†	0.000	131.248	813.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
913.00†	0.000	131.248	913.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
1013.00†	0.000	131.248	1013.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
1113.00†	0.000	131.248	1113.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
1200.00	0.000	131.248	1200.00	0.00	0.00	0.00	40°08'26.610"N	109°38'59.100"W	0.00	
1213.00†	0.260	131.248	1213.00	0.03	-0.02	0.02	40°08'26.610"N	109°38'59.100"W	2.00	
1313.00†	2.260	131.248	1312.97	2.23	-1.47	1.68	40°08'26.595"N	109°38'59.078"W	2.00	
1400.16†	4.003	131.248	1400.00	6.99	-4.61	5.26	40°08'26.564"N	109°38'59.032"W	2.00	BMSW
1413.00†	4.260	131.248	1412.80	7.91	-5.22	5.95	40°08'26.558"N	109°38'59.023"W	2.00	
1513.00†	6.260	131.248	1512.38	17.08	-11.26	12.84	40°08'26.499"N	109°38'58.935"W	2.00	
1613.00†	8.260	131.248	1611.57	29.72	-19.59	22.34	40°08'26.416"N	109°38'58.812"W	2.00	
1713.00†	10.260	131.248	1710.26	45.81	-30.20	34.44	40°08'26.312"N	109°38'58.657"W	2.00	
1813.00†	12.260	131.248	1808.33	65.33	-43.08	49.12	40°08'26.184"N	109°38'58.467"W	2.00	
1913.00†	14.260	131.248	1905.66	88.27	-58.20	66.37	40°08'26.035"N	109°38'58.245"W	2.00	
2013.00†	16.260	131.248	2002.13	114.59	-75.55	86.16	40°08'25.863"N	109°38'57.991"W	2.00	
2113.00†	18.260	131.248	2097.62	144.26	-95.11	108.46	40°08'25.670"N	109°38'57.703"W	2.00	
2213.00†	20.260	131.248	2192.02	177.24	-116.86	133.26	40°08'25.455"N	109°38'57.384"W	2.00	
2263.13	21.263	131.248	2238.90	195.01	-128.58	146.62	40°08'25.339"N	109°38'57.212"W	2.00	
2313.00†	21.263	131.248	2285.37	213.10	-140.50	160.22	40°08'25.222"N	109°38'57.037"W	0.00	
2413.00†	21.263	131.248	2378.56	249.36	-164.41	187.49	40°08'24.985"N	109°38'56.686"W	0.00	
2513.00†	21.263	131.248	2471.76	285.63	-188.32	214.75	40°08'24.749"N	109°38'56.335"W	0.00	
2613.00†	21.263	131.248	2564.95	321.89	-212.23	242.02	40°08'24.513"N	109°38'55.984"W	0.00	
2695.68†	21.263	131.248	2642.00	351.87	-232.00	264.56	40°08'24.317"N	109°38'55.694"W	0.00	Green River Top
2713.00†	21.263	131.248	2658.14	358.15	-236.14	269.28	40°08'24.276"N	109°38'55.633"W	0.00	
2813.00†	21.263	131.248	2751.33	394.42	-260.05	296.55	40°08'24.040"N	109°38'55.282"W	0.00	
2913.00†	21.263	131.248	2844.53	430.68	-283.96	323.82	40°08'23.804"N	109°38'54.931"W	0.00	
3013.00†	21.263	131.248	2937.72	466.95	-307.87	351.08	40°08'23.568"N	109°38'54.579"W	0.00	
3113.00†	21.263	131.248	3030.91	503.21	-331.78	378.35	40°08'23.331"N	109°38'54.228"W	0.00	
3213.00†	21.263	131.248	3124.11	539.48	-355.69	405.61	40°08'23.095"N	109°38'53.877"W	0.00	
3313.00†	21.263	131.248	3217.30	575.74	-379.60	432.88	40°08'22.859"N	109°38'53.526"W	0.00	
3413.00†	21.263	131.248	3310.49	612.00	-403.51	460.14	40°08'22.622"N	109°38'53.175"W	0.00	
3513.00†	21.263	131.248	3403.68	648.27	-427.42	487.41	40°08'22.386"N	109°38'52.824"W	0.00	
3574.61	21.263	131.248	3461.10	670.61	-442.15	504.21	40°08'22.241"N	109°38'52.608"W	0.00	
3613.00†	20.495	131.248	3496.97	684.29	-451.17	514.50	40°08'22.151"N	109°38'52.475"W	2.00	
3713.00†	18.495	131.248	3591.23	717.66	-473.17	539.59	40°08'21.934"N	109°38'52.152"W	2.00	



**Planned Wellpath Report**  
 Three Rivers Fed 10-42A-820 PWP  
 Page 3 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL)
Area	Three Rivers	Well	Three Rivers Fed 10-42A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 10-42A-820 PWB
Facility	Sec.10-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
3813.00†	16.495	131.248	3686.60	747.72	-492.99	562.19	40°08'21.738"N	109°38'51.861"W	2.00	
3913.00†	14.495	131.248	3782.96	774.44	-510.60	582.27	40°08'21.564"N	109°38'51.603"W	2.00	
4013.00†	12.495	131.248	3880.20	797.77	-525.99	599.82	40°08'21.412"N	109°38'51.377"W	2.00	
4101.62†	10.722	131.248	3967.00	815.61	-537.74	613.22	40°08'21.296"N	109°38'51.204"W	2.00	Mahogany
4113.00†	10.495	131.248	3978.19	817.70	-539.12	614.80	40°08'21.282"N	109°38'51.184"W	2.00	
4213.00†	8.495	131.248	4076.81	834.20	-550.00	627.20	40°08'21.175"N	109°38'51.024"W	2.00	
4313.00†	6.495	131.248	4175.95	847.24	-558.60	637.01	40°08'21.090"N	109°38'50.898"W	2.00	
4413.00†	4.495	131.248	4275.49	856.81	-564.91	644.21	40°08'21.027"N	109°38'50.805"W	2.00	
4513.00†	2.495	131.248	4375.30	862.91	-568.93	648.79	40°08'20.988"N	109°38'50.746"W	2.00	
4613.00†	0.495	131.248	4475.26	865.52	-570.65	650.75	40°08'20.971"N	109°38'50.721"W	2.00	
4637.74	0.000	131.248	4500.00†	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	2.00	
4694.74†	0.000	131.248	4557.00	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	Garden Gulch
4713.00†	0.000	131.248	4575.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
4813.00†	0.000	131.248	4675.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
4854.74†	0.000	131.248	4717.00	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	Lower Green River
4913.00†	0.000	131.248	4775.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5013.00†	0.000	131.248	4875.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5113.00†	0.000	131.248	4975.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5213.00†	0.000	131.248	5075.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5313.00†	0.000	131.248	5175.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5413.00†	0.000	131.248	5275.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5513.00†	0.000	131.248	5375.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5613.00†	0.000	131.248	5475.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5713.00†	0.000	131.248	5575.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5813.00†	0.000	131.248	5675.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
5913.00†	0.000	131.248	5775.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6013.00†	0.000	131.248	5875.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6113.00†	0.000	131.248	5975.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6213.00†	0.000	131.248	6075.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6313.00†	0.000	131.248	6175.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6413.00†	0.000	131.248	6275.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6513.00†	0.000	131.248	6375.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6613.00†	0.000	131.248	6475.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6614.74†	0.000	131.248	6477.00	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	Wasatch
6713.00†	0.000	131.248	6575.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6813.00†	0.000	131.248	6675.26	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	
6814.74	0.000	131.248	6677.00	865.62	-570.72	650.83	40°08'20.970"N	109°38'50.720"W	0.00	ID



## Planned Wellpath Report

Three Rivers Fed 10-42A-820 PWP

Page 4 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL)
Area	Three Rivers	Well	Three Rivers Fed 10-42A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 10-42A-820 PWB
Facility	Sec.10-T8S-R20E		

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 10-42A-820 PWB Ref Wellpath: Three Rivers Fed 10-42A-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	6814.74	5814.74	1000.00	6677.00	0.00	0.00	-570.72	650.83
5.5in Casing Production	13.00	6814.74	6801.74	13.00	6677.00	0.00	0.00	-570.72	650.83

### 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 10-42A-820 Target On Plat 1980' FNL & 660' FEL	4637.74	4500.00	-570.72	650.83	2158303.15	7224776.51	40°08'20.970"N	109°38'50.720"W	point



## Planned Wellpath Report

Three Rivers Fed 10-42A-820 PWP

Page 5 of 5



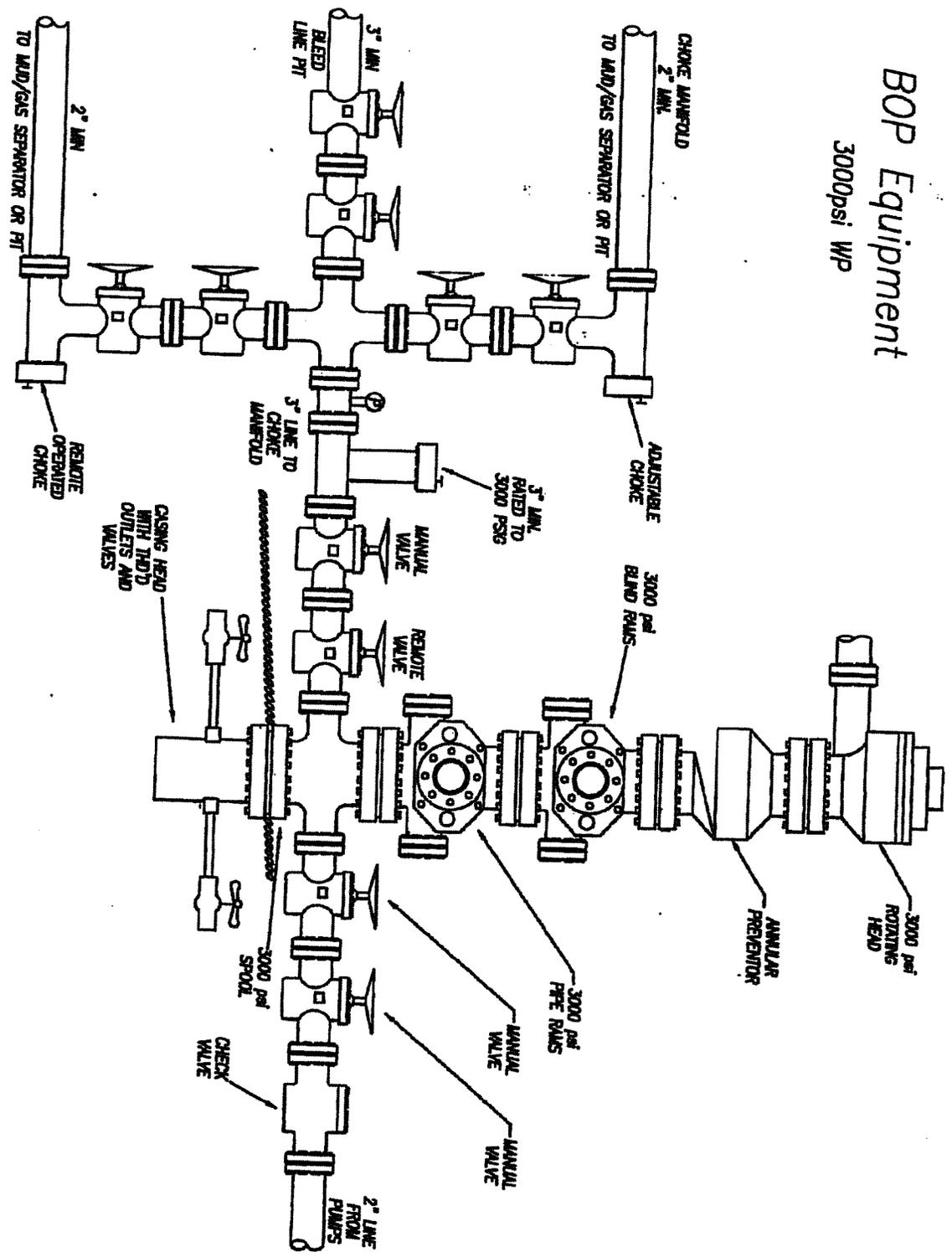
### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 10-42A-820 (1402' FNL & 1318' FEL)
Area	Three Rivers	Well	Three Rivers Fed 10-42A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 10-42A-820 PWB
Facility	Sec.10-T8S-R20E		

### WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	131.248	120.00	Gase Gravel
1400.16	4.003	131.248	1400.00	BMSW
2695.68	21.263	131.248	2642.00	Green River Top
4101.62	10.722	131.248	3967.00	Mahogany
4694.74	0.000	131.248	4557.00	Garden Gulch
4854.74	0.000	131.248	4717.00	Lower Green River
6614.74	0.000	131.248	6477.00	Wasatch
6814.74	0.000	131.248	6677.00	TD

# BOP Equipment 3000psi WP





# Ultra Resources, Inc.

---

June 20, 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 10-42A-820**

Surface Location: 1402' FNL & 1318' FEL, SENE, Sec. 10, T8S, R20E

Target Location: 1980' FNL & 660' FEL, SENE, Sec. 10, 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,

Debbie Ghani  
Sr. Permitting Specialist

/dg

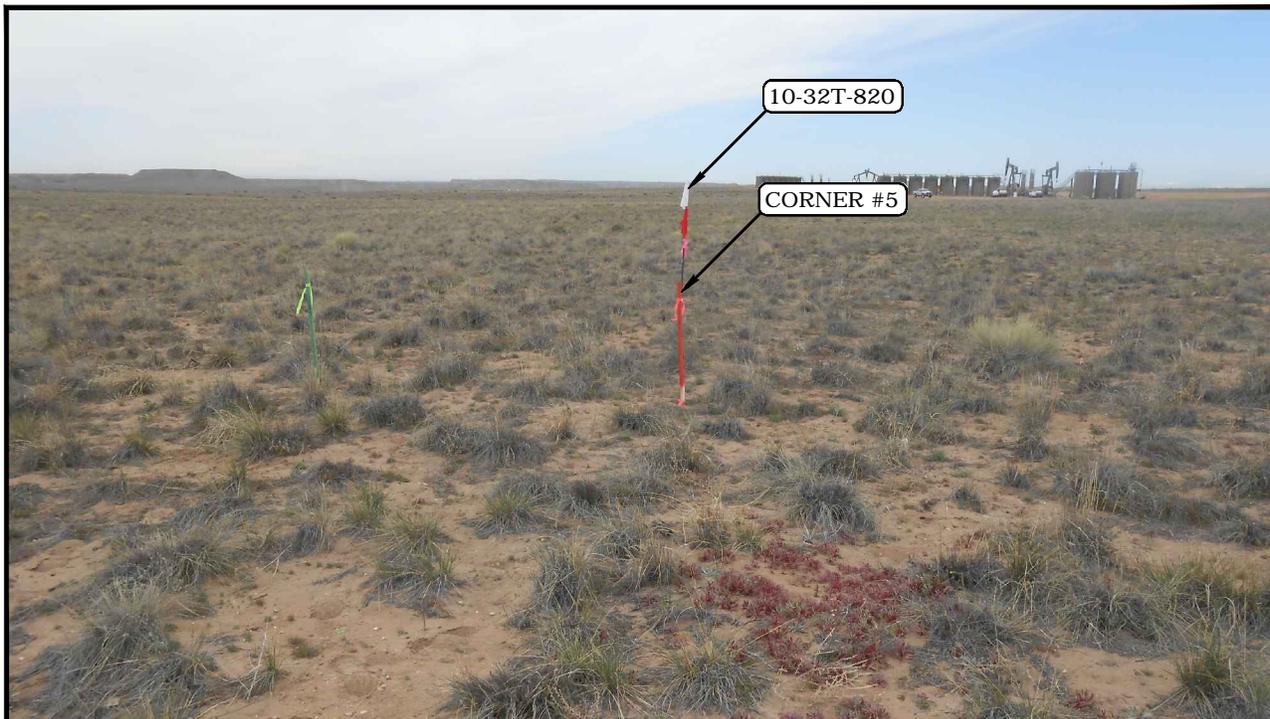


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY

**ULTRA RESOURCES, INC.**

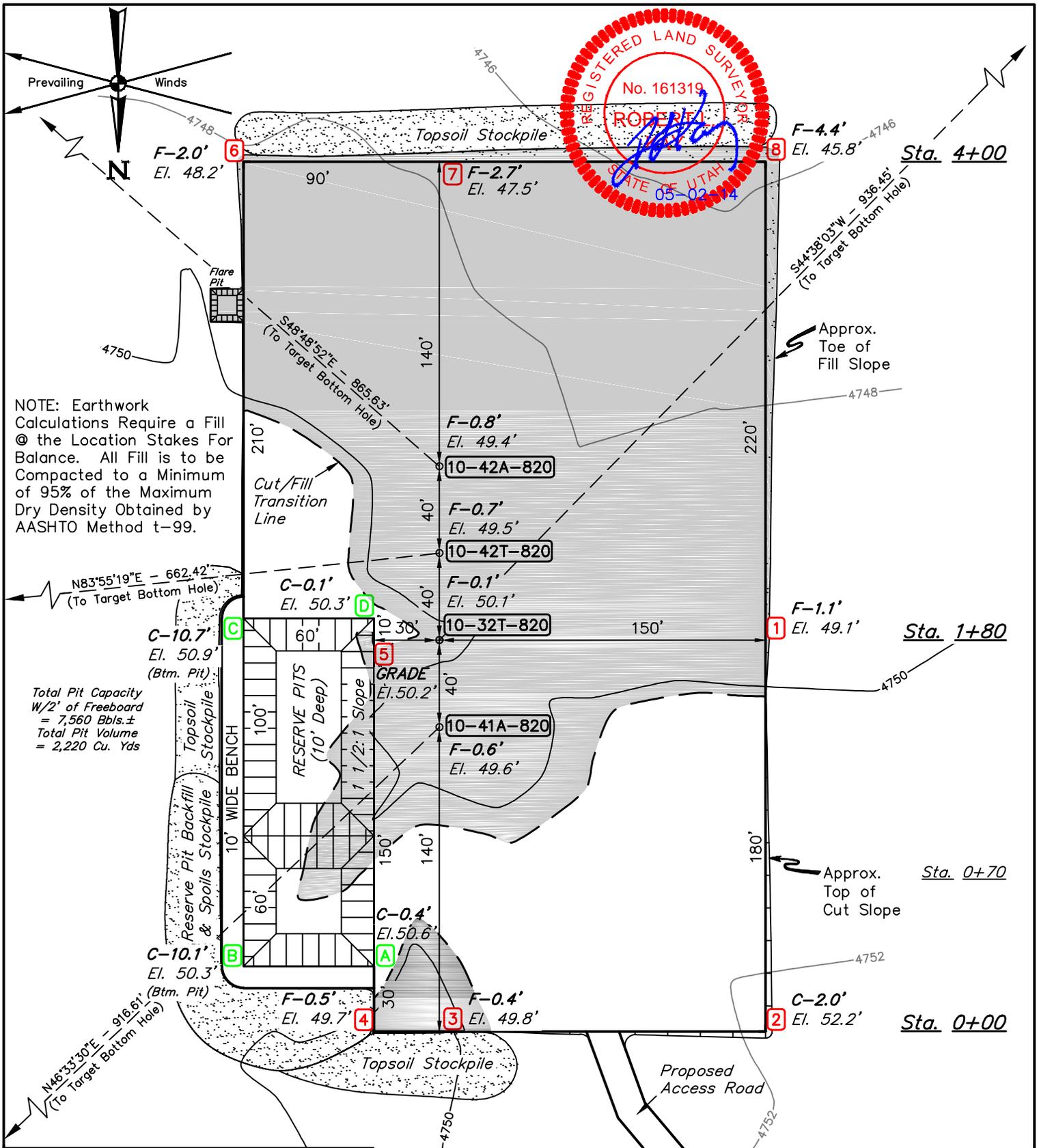
THREE RIVERS FED #10-41A-820,  
#10-32T-820, #10-42T-820 & #10-42A-820  
SECTION 10, T8S, R20E, S.L.B.&M.  
NE 1/4



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

DRAWN BY: J.M.C.	TAKEN BY: N.F.
DATE DRAWN: 04-30-14	REV: 00-00-00
<b>LOCATION PHOTOS</b>	<b>PHOTO</b>

RECEIVED: June 20, 2014



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

Total Pit Capacity W/2' of Freeboard = 7,560 Bbls.±  
Total Pit Volume = 2,220 Cu. Yds

**FINISHED GRADE ELEVATION = 4750.2'**

- NOTES:**
- Flare Pit is to be located a min. of 100' from the Wellhead.
  - Round Corners At 35' Radius or as Needed.
  - Construct Diversion Ditches as Needed.
  - Contours Shown at 2' Intervals.

**ULTRA RESOURCES, INC.**

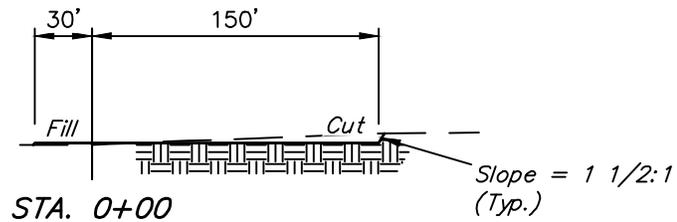
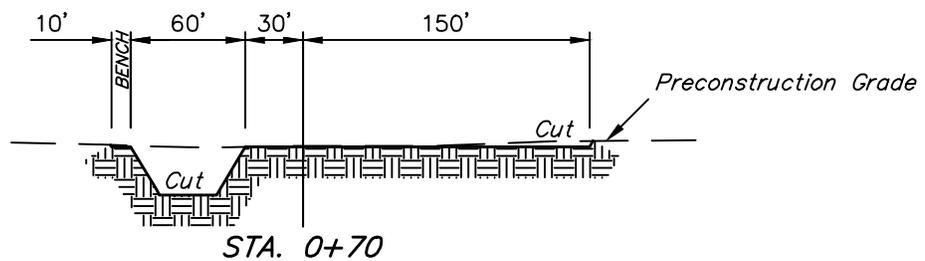
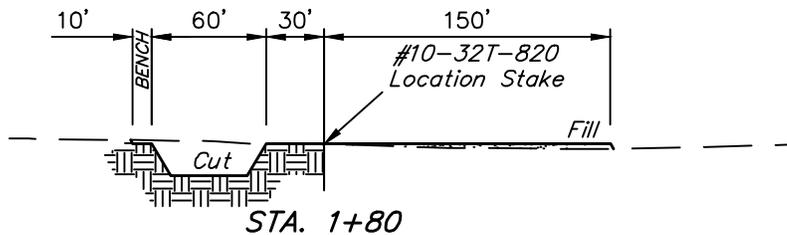
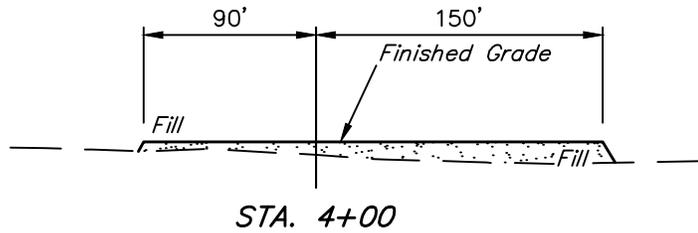
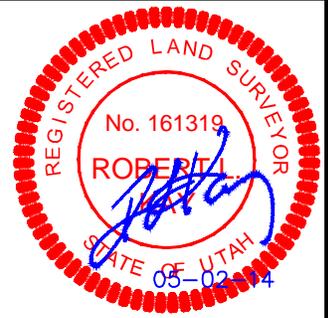
**THREE RIVERS FED**  
 #10-41A-820, #10-32T-820, #10-42T-820, #10-42A-820  
 NE 1/4 SECTION 10, T8S, R20E, S.L.B.&M.  
 UTAH COUNTY, UTAH

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

SCALE: 1" = 60'	DRAWN BY: M.L.	DATE: 04-22-14
<b>LOCATION LAYOUT</b>		<b>FIGURE #1</b>

RECEIVED: June 20, 2014

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



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	1,850 Cu. Yds.
REMAINING LOCATION	3,690 Cu. Yds.
<b>TOTAL CUT</b>	<b>5,540 Cu. Yds.</b>
<b>FILL</b>	<b>2,580 Cu. Yds.</b>
EXCESS MATERIAL	2,960 Cu. Yds.
TOPSOIL & PIT BACKFILL (1/2 Pit Vol.)	2,960 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±2.604
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±704.64'	±0.485
30' WIDE PIPELINE R-O-W DISTURBANCE	±734.25'	±0.506
<b>TOTAL SURFACE USE AREA</b>	<b>±1,438.89'</b>	<b>±3.595</b>

**NOTES:**

- Fill Quantity Includes 5% for Compaction.
- Calculations Based on 6" of Topsoil Stripping.

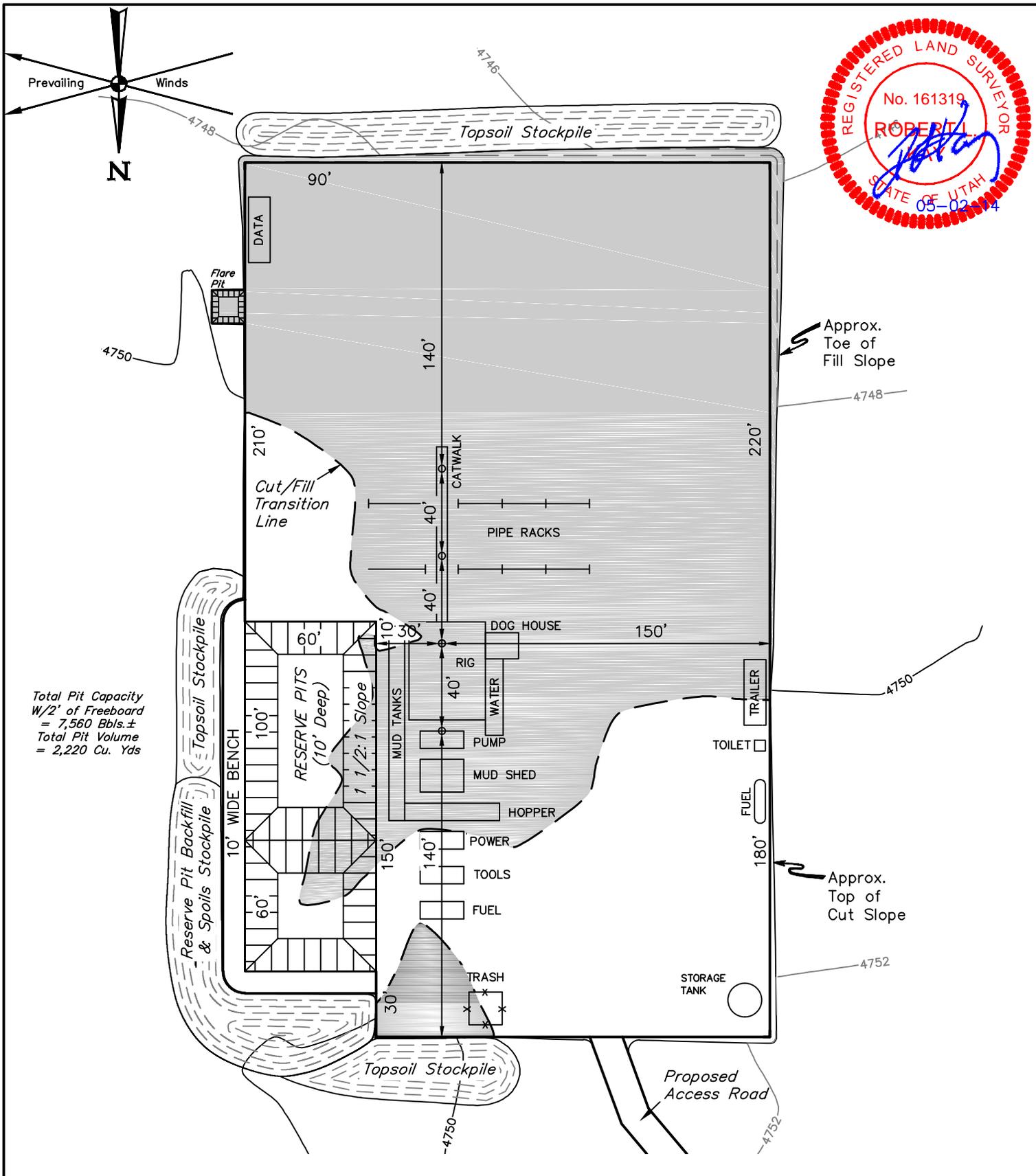
**ULTRA RESOURCES, INC.**

**THREE RIVERS FED**  
 #10-41A-820, #10-32T-820, #10-42T-820, #10-42A-820  
 NE 1/4 SECTION 10, T8S, R20E, S.L.B.&M.  
 UTAH COUNTY, UTAH



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

SCALE: AS SHOWN	DRAWN BY: M.L.	DATE: 04-22-14
<b>TYPICAL CROSS SECTIONS</b>		<b>FIGURE #2</b>



Total Pit Capacity  
W/2' of Freeboard  
= 7,560 Bbls.±  
Total Pit Volume  
= 2,220 Cu. Yds

**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**  
 #10-41A-820, #10-32T-820, #10-42T-820, #10-42A-820  
 NE 1/4 SECTION 10, T8S, R20E, S.L.B.&M.  
 UTAH COUNTY, UTAH



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

SCALE: 1" = 60'	DRAWN BY: M.L.	DATE: 04-22-14
<b>TYPICAL RIG LAYOUT</b>		<b>FIGURE #3</b>

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; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 11.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 705' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.6 MILES.

**ULTRA RESOURCES, INC.**

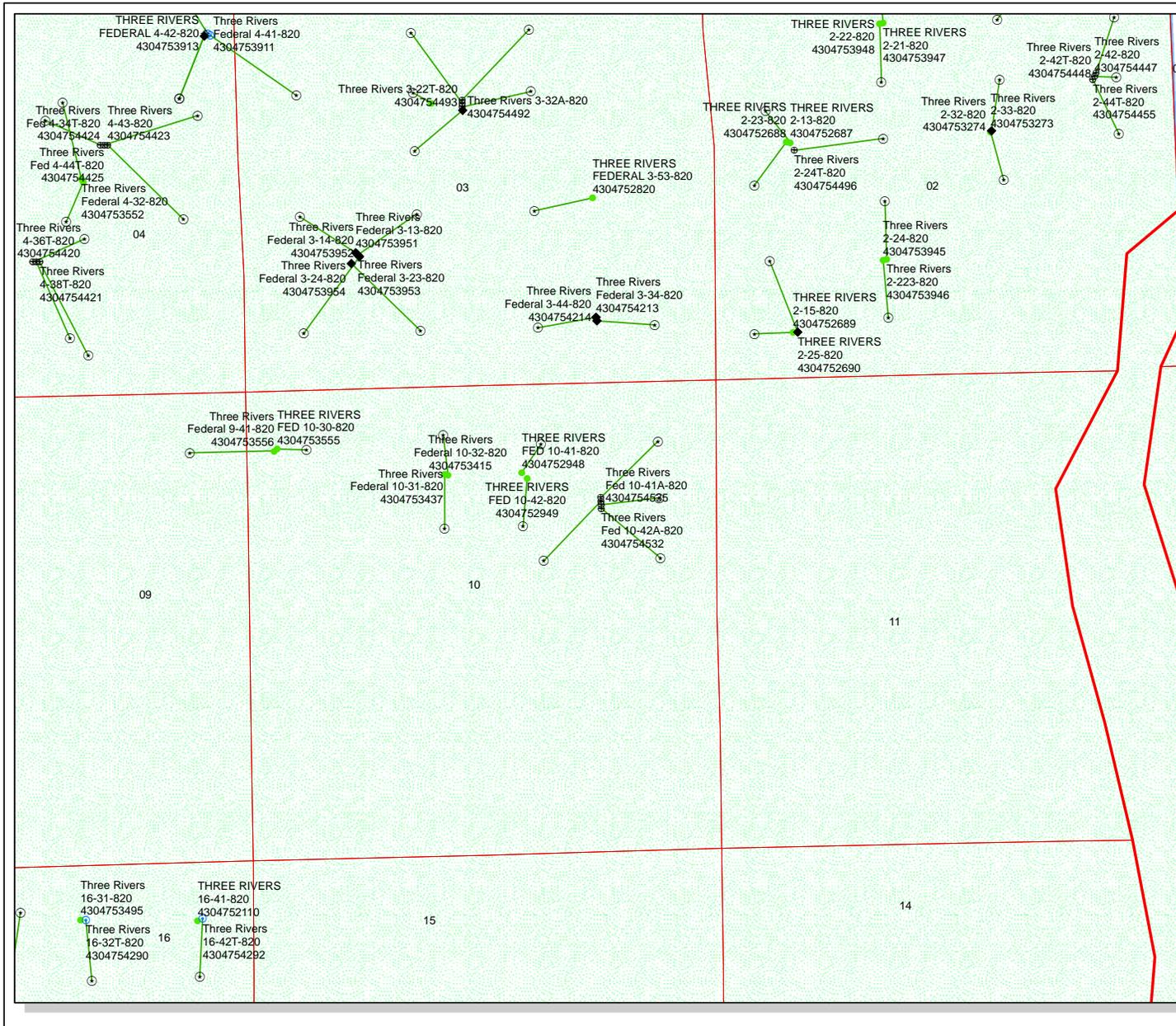
THREE RIVERS FED #10-41A-820,  
#10-32T-820, #10-42T-820 & #10-42A-820  
SECTION 10, T8S, R20E, S.L.B.&M.  
NE 1/4



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

DRAWN BY: J.M.C.	
DATE DRAWN: 04-30-14	REV: 00-00-00
<b>ROAD DESCRIPTION</b>	

**RECEIVED:** June 20, 2014



API Number: 4304754532

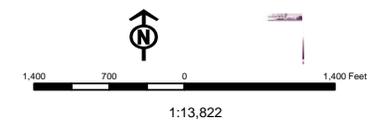
Well Name: Three Rivers Fed 10-42A-820

Township: T08.0S Range: R20.0E Section: 10 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 6/25/2014  
Map Produced by Diana Mason

Wells Query		Units	
	APD - Approved Permit		ACTIVE
	DR1 - Spudded (Drilling Commenced)		EXPLORATORY
	GIW - Gas Injection		GAS STORAGE
	GS - Gas Storage		NF PP OIL
	LOC - New Location		NF SECONDARY
	OPS - Operation Suspended		PI OIL
	PA - Plugged Abandoned		PP GAS
	PGW - Producing Gas Well		PP GEOTHERML
	POW - Producing Oil Well		PP OIL
	SGW - Shut-in Gas Well		SECONDARY
	SOW - Shut-in Oil Well		TERMINATED
	TA - Temp. Abandoned		
	TW - Test Well		
	WDW - Water Disposal		
	WW - Water Injection Well		
	WSW - Water Supply Well		
		Fields	
		STATUS	
			Unknown
			ABANDONED
			ACTIVE
			COMBINED
			INACTIVE
			STORAGE
			TERMINATED



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/20/2014

API NO. ASSIGNED: 43047545320000

WELL NAME: Three Rivers Fed 10-42A-820

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 303 645-9804

CONTACT: Jenna Anderson

PROPOSED LOCATION: SENE 10 080S 200E

Permit Tech Review: 

SURFACE: 1402 FNL 1318 FEL

Engineering Review: 

BOTTOM: 1980 FNL 0660 FEL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.14068

LONGITUDE: -109.64969

UTM SURF EASTINGS: 615027.00

NORTHINGS: 4444246.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU87342

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: 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: 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 10-42A-820  
**API Well Number:** 43047545320000  
**Lease Number:** UTU87342  
**Surface Owner:** FEDERAL  
**Approval Date:** 7/1/2014

### Issued to:

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

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - 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 Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

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

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

**Reporting Requirements:**

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

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

**Approved By:**

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

For John Rogers  
Associate Director, Oil & Gas

<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: UTU87342
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: ULTRA RESOURCES INC	8. WELL NAME and NUMBER: Three Rivers Fed 10-42A-820
3. ADDRESS OF OPERATOR: 116 Inverness Drive East, Suite #400 , Englewood, CO, 80112	9. API NUMBER: 43047545320000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1402 FNL 1318 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 10 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>7/18/2015</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 type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Ultra respectfully requests a one year extension of the state permit for the referenced well. This is the first extension that has been requested.

Approved by the  
 June 23, 2015  
 Oil, Gas and Mining

Date: \_\_\_\_\_

By: 

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A	DATE 6/18/2015	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047545320000**

API: 43047545320000

Well Name: Three Rivers Fed 10-42A-820

Location: 1402 FNL 1318 FEL QTR SENE SEC 10 TWP 080S RNG 200E MER S

Company Permit Issued to: ULTRA RESOURCES INC

Date Original Permit Issued: 7/1/2014

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

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
  
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
  
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
  
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
  
- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Jenna Anderson

Date: 6/18/2015

Title: Permitting Specialist Representing: ULTRA RESOURCES INC

# RECEIVED

Form 3160-3  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 26 2014

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

## BLM Vernal UT

### APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. UTU87342
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone				6. If Indian, Allottee or Tribe Name
2. Name of Operator ULTRA RESOURCES, INC.		Contact: JENNA ANDERSON E-Mail: janderson@ultrapetroleum.com		7. If Unit or CA Agreement, Name and No.
3a. Address 304 INVERNESS WAY SOUTH SUITE 295 ENGLEWOOD, CO 80112		3b. Phone No. (include area code) Ph: 303-645-9804		8. Lease Name and Well No. THREE RIVERS FED 10-42A-820
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENE 1402FNL 1318FEL 40.140725 N Lat, 109.649750 W Lon At proposed prod. zone SENE 1980FNL 660FEL 40.139158 N Lat, 109.647422 W Lon				9. API Well No. 4304754532
14. Distance in miles and direction from nearest town or post office* 28 MILES SOUTHEAST OF VERNAL, UTAH		12. County or Parish UINTAH		10. Field and Pool, or Exploratory THREE RIVERS
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660		16. No. of Acres in Lease 240.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 10 T8S R20E Mer SLB
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 40		19. Proposed Depth 6815 MD 6677 TVD		13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4749 GL		22. Approximate date work will start 07/20/2014		17. Spacing Unit dedicated to this well 40.00
				20. BLM/BIA Bond No. on file UTB000593
				23. Estimated duration 60 DAYS

#### 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) JENNA ANDERSON Ph: 303-645-9804	Date 06/20/2014
Title PERMITTING SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date FEB 05 2016
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

### CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### Additional Operator Remarks (see next page)

Electronic Submission #250278 verified by the BLM Well Information System  
For ULTRA RESOURCES, INC., sent to the Vernal  
Committed to AFMS for processing by ROBIN R. HANSEN on 07/23/2014 ()

# RECEIVED

FEB 11 2016

DIV. OF OIL, GAS & MINING

## NOTICE OF APPROVAL

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



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Ultra Resources INC  
Well No: Three Rivers Fed 10-42A-820  
API No: 43-047-54532

Location: SENE, Sec. 10, T8S, R20E  
Lease No: UTU-87342  
Agreement:

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:blm_ut_vn_opreport@blm.gov">blm_ut_vn_opreport@blm.gov</a>
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

*Company/Operator:* Ultra Resources, Inc.

*Well Name & Numbers:* Three Rivers Federal 5-23-820, 5-26T-820, 5-34-820, 5-38T-820, 8-31-20, 8-41-820, 8-34T-820, 8-43-820, 8-44T-820, 8-46T-820, 8-44-820, 8-48T-820, 9-42-820, 9-42T-820, 10-12-820, 10-12T-820, 10-21T-820, 10-22T-820, 10-32T-820, 10-41A-820, 10-42A-820, and 10-42T-820

*DOI-BLM-UT-G010-2014-0191-EA*

*Lease Number:* UTU-85994, UTU-86181, and UTU-87342

*Location:* Section 5, 8, and 10 T8S, R20E

**CONDITIONS OF APPROVAL:**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All vehicles and equipment shall be cleaned either through power-washing, or other approved method, if the vehicles or equipment were brought in from areas outside the Uinta Basin, to prevent weed seed introduction.
- All contaminated and/or stained soils will be cleaned up immediately when noticed. The contaminated/stained soil will be removed and disposed of properly.
- Ultra will submit their site specific reclamation plan per each well pad within 90 days of starting location construction.
- Project activities are not allowed from March 1 – August 31 to minimize impacts during burrowing owl nesting season. This Condition of Approval only applies to the following well pad locations:

Three Rivers Fed 5-23-820	Three Rivers Fed 5-34-820	Three Rivers Fed 8-31-820
Three Rivers Fed 8-43-820	Three Rivers Fed 8-44-820	

- In addition Moon Lake Electric Association has developed bird-friendly construction standards as submitted to the BLM VFO 'Avian Protection Plan, (2011)' (APP). The APP as implemented will further minimize impacts to raptor species. The APP is in compliance with APLIC's Suggested Practices (2006) as identified by the VRMP (2008).

- A BLM-permitted paleontologist will monitor all excavation work during the construction of Three Rivers Fed 8-46T-820, 8-43-820, 8-44T-820, 8-34T-820 (access, pipeline and pad) if, and where, bedrock is impacted.
- A BLM-permitted paleontologist will monitor all excavation work during the construction of Three Rivers Fed 5-26T-820 and 5-23-820 (access, pipeline and pad) if, and where, bedrock is impacted.
- A BLM-permitted paleontologist will monitor all excavation work during the construction of Three Rivers Fed 5-34-820 and 5-38t-820 (access, pipeline and pad) if, and where, bedrock is impacted.
- If important paleontological resources, as described in BLM Handbook H-8270-1, are discovered during construction, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.
- Documented cactus within the 300 foot survey buffers would be flagged for avoidance during construction and drilling activities.
- Site inventory surveys would be valid for 4 years from the survey date. If more than 4 years pass between the original survey date and construction, a new clearance survey/site inventory would be required. If construction is to occur within the 4 year window, and at least 1 year after the initial survey date, an additional spot check survey would be required following the methodology established in the 2010 Memorandum of Understanding (MOU) between USFWS and BLM regarding *Sclerocactus* survey data use timing restrictions. Review of spot checks may result in requirements for additional pre-construction plant surveys or other requirements as directed by USFWS and the BLM Authorized Officer (AO).
- The operator would perform ground disturbing activities in *Sclerocactus ssp.* potential habitat outside of the flowering period, (April 1 through May 30). This applies to all ground disturbing activities, including those on previously disturbed areas on existing well pads.
- Only water (no chemicals, reclaimed production water or oil field brine) will be used for dust abatement measures within all cactus habitats.
- Dust abatement will be employed in suitable *Sclerocactus ssp.* habitat over the life of the project during the time of the year when *Sclerocactus ssp.* species are most vulnerable to dust-related impacts (March through August) within all cactus habitats.
- Reclamation seed mixes would exclude introduced and non-native species if used in *Sclerocactus ssp.* potential habitat.
- Erosion control measures (i.e. silt fencing) would be implemented to minimize sedimentation to *Sclerocactus ssp.* plants and populations located down slope of proposed surface disturbance activities when working in all cactus habitats.
- Application for Pesticide Use Permit would include provisions for mechanical removal, as opposed to chemical removal, for Utah Class A, B and C noxious weeds within 50 feet of individual/populations of *Sclerocactus*.
- Discovery Stipulation: Re-initiation of Section 7 consultation with the USFWS would be sought immediately if any loss of plants or occupied habitat for Uinta Basin hookless cactus is anticipated as a result of project activities.

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

**SITE SPECIFIC DOWNHOLE COAs:**

Three Rivers Fed: #WI 5-46T-820 5-48T-820 ; 8-44-820 8-48T-820 ;10-32T-820 10-41A-820 10-42A-820 10-42T-820 ; 33-42-720 33-43-720 33-34A-720 33-44T-720 33-46T-720

APD\_COA Downhole \_ultraR

- For surface casing cement, the minimum cement slurry weights are for: lead cement is 12 #/gal; tail cement is 15.8 #/gal; top out cement is 15.8 #/gal.
- Surface casing cement shall be brought to surface.
- Production casing cement shall be brought up and into the surface.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

<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>1. TYPE OF WELL</b> Oil Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU87342
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 116 Inverness Drive East, Suite #400 , Englewood, CO, 80112	<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>PHONE NUMBER:</b> 303 645-9809 Ext	<b>8. WELL NAME and NUMBER:</b> Three Rivers Fed 10-42A-820
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1402 FNL 1318 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 10 Township: 08.0S Range: 20.0E Meridian: S	<b>9. API NUMBER:</b> 43047545320000
	<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
	<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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/8/2016</b>	<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 type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> <b>APD EXTENSION</b>
	<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 extend this wells APD for another year.

**Approved by the**  
**June 08, 2016**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_  
**By:** 

<b>NAME (PLEASE PRINT)</b> Jasmine Allison	<b>PHONE NUMBER</b> 307 367-5041	<b>TITLE</b> Sr. Permitting Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/8/2016	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047545320000**

API: 43047545320000

Well Name: Three Rivers Fed 10-42A-820

Location: 1402 FNL 1318 FEL QTR SENE SEC 10 TWP 080S RNG 200E MER S

Company Permit Issued to: ULTRA RESOURCES INC

Date Original Permit Issued: 7/1/2014

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

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
  
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
  
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
  
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
  
- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Jasmine Allison

Date: 6/8/2016

Title: Sr. Permitting Analyst Representing: ULTRA RESOURCES INC