

**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 33-44-720
<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> 303 645-9809
<b>8. ADDRESS OF OPERATOR</b> 304 Inverness Way South #295, Englewood, CO, 80112		<b>9. OPERATOR E-MAIL</b> kbott@ultrapetroleum.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU85592	<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 type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> John Busch		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 435-823-8003
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 1293 South Vernal Ave, Vernal, UT 84078		<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	376 FSL 393 FWL	SWSW	34	7.0 S	20.0 E	S
Top of Uppermost Producing Zone	660 FSL 660 FEL	SESE	33	7.0 S	20.0 E	S
At Total Depth	660 FSL 660 FEL	SESE	33	7.0 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: 7238    TVD: 7043	
<b>27. ELEVATION - GROUND LEVEL</b> 4779	<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
Cond	20	16	0 - 100	109.0	C-75 Casing/Tubing	8.8	Class G	550	1.16	15.8
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 - 5238	17.0	J-55 LT&C	10.0	Unknown	225	3.54	11.0
			5238 - 7238	17.0	N-80 LT&C	10.0	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 checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Jenna Anderson	<b>TITLE</b> Permitting Assistant	<b>PHONE</b> 303 645-9804
<b>SIGNATURE</b>	<b>DATE</b> 01/16/2015	<b>EMAIL</b> janderson@ultrapetroleum.com
<b>API NUMBER ASSIGNED</b> 43047552010000	<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: 1-16-15**

**Three Rivers Fed 33-44-720**

**SHL: Sec 34 (SWSW) T7S R20E**

**Uintah, Utah**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations and the approved Application for Permit to Drill (APD). The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**RECEIVED:** January 16, 2015

**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	1,652' MD / 1,650' TVD	
Green River	3,038' MD / 2,950' TVD	
Mahogany	4,490' MD / 4,300' TVD	
Garden Gulch	5,158' MD / 4,963' TVD	Oil & Associated Gas
Lower Green River*	5,313' MD / 5,118' TVD	Oil & Associated Gas
Wasatch	7,038' MD / 6,843' TVD	Oil & Associated Gas
TD	7,238' MD / 7,043' TVD	

**Asterisks (\*) denotes target pay intervals**

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

**2. BOP Equipment**

- A) The BOPE shall be closed whenever the well is unattended. The appropriate agencies will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
- D) Choke Manifold
- 1) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
  - 2) Two adjustable chokes will be used in the choke manifold.
  - 3) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
  - 4) Pressure gauges in the well control system will be designed for drilling fluid.
- E) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
  - 2) All BOP tests will be performed with a test plug in place.
  - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

**INTERVAL**

0 - 1,000' MD / 1,000' TVD  
1,000' MD / 1,000' TVD – 7,238' MD / 7,043' TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head  
3,000# Ram Double BOP & Annular with  
Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

**3. Casing and Float Equipment Program**

CASING:

<b>Directional Well</b>	<b>Hole Size</b>	<b>OD</b>	<b>Depth MD/TVD</b>	<b>Wt.</b>	<b>Grade &amp; Connection</b>	<b>Cond.</b>
<b>Conductor</b>	20"	16"	+/- 100' MD / 100' TVD	109.0 ppf	C-75	New
<b>Surface</b>	11"	8 5/8"	1,000' MD / 1,000' TVD	24.0 ppf	J-55, LTC	New
<b>Production</b>	7 7/8"	5 1/2"	5,238' MD / 5,043' TVD	17.0 ppf	J-55, LTC	New
			7,238' MD / 7,043' TVD	17.0 ppf	N/L-80,	New

					LTC	
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**CASING SPECIFICATIONS:**

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 1/2"	4.892" / 4.767"	4,910	5,320'	273,000	229,000
			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 3/4")**

Ready Mix – Cement to surface

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

Cement Top - Surface

Surface – 1,000' MD / 1,000' TVD± 550 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

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

**PRODUCTION (5 1/2")**

Cement Top – 500'

500' - 4,000' TVD ±

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

4,000' – 7,238' MD / 7,043' TVD

Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

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

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The appropriate agencies will be notified 24 hours prior to running casing and cementing.
- D) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
- E) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
- F) "Sundry Notices and Reports on Wells", shall be filed with the appropriate agencies within 30 days after the work is completed.
- G) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
- H) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- I) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

**5. Mud Program**

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

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 7,238' MD / 7,043' 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:

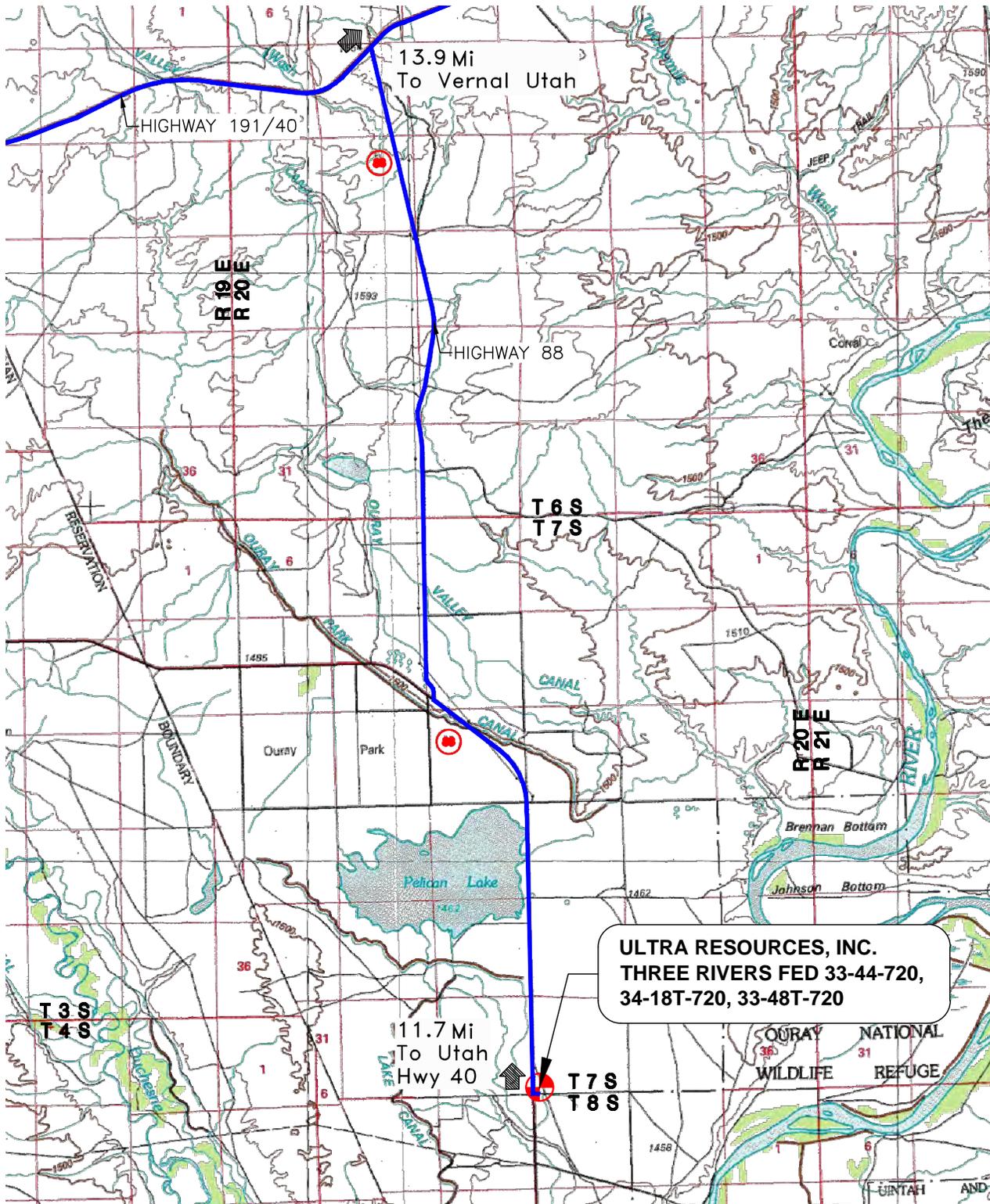
- . Operator name, address, and telephone number.
- . Well name and number.
- . Well location (1/4 1/4, Section, Township, Range and Meridian)
- . Date well was placed in a producing status (date of first production for which royalty will be paid).
- . The nature of the well's production, (i.e., crude 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.





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AREA MAP  
SCALE: 1:100,000 METRIC



WELL LOCATION PLAT FOR

**ULTRA RESOURCES, INC.**  
THREE RIVERS FED 34-15-720 EXPANSION  
SW1/4 SW1/4 SECTION 34, T7S, R20E

UINTAH COUNTY, UTAH



1515 NINTH STREET  
ROCK SPRINGS, WY 82901  
PHONE (307) 362-7519  
FAX (307) 362-7569  
<http://www.jfc-wyo.com>

9/24/2014  
JLD  
9045-14S



# ULTRA RESOURCES, INC

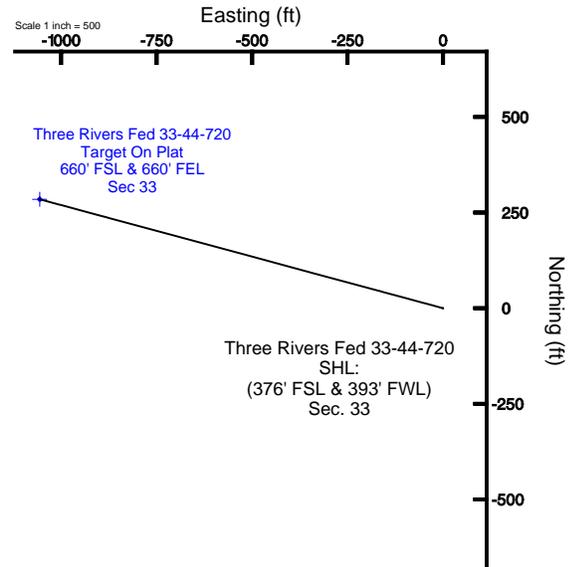
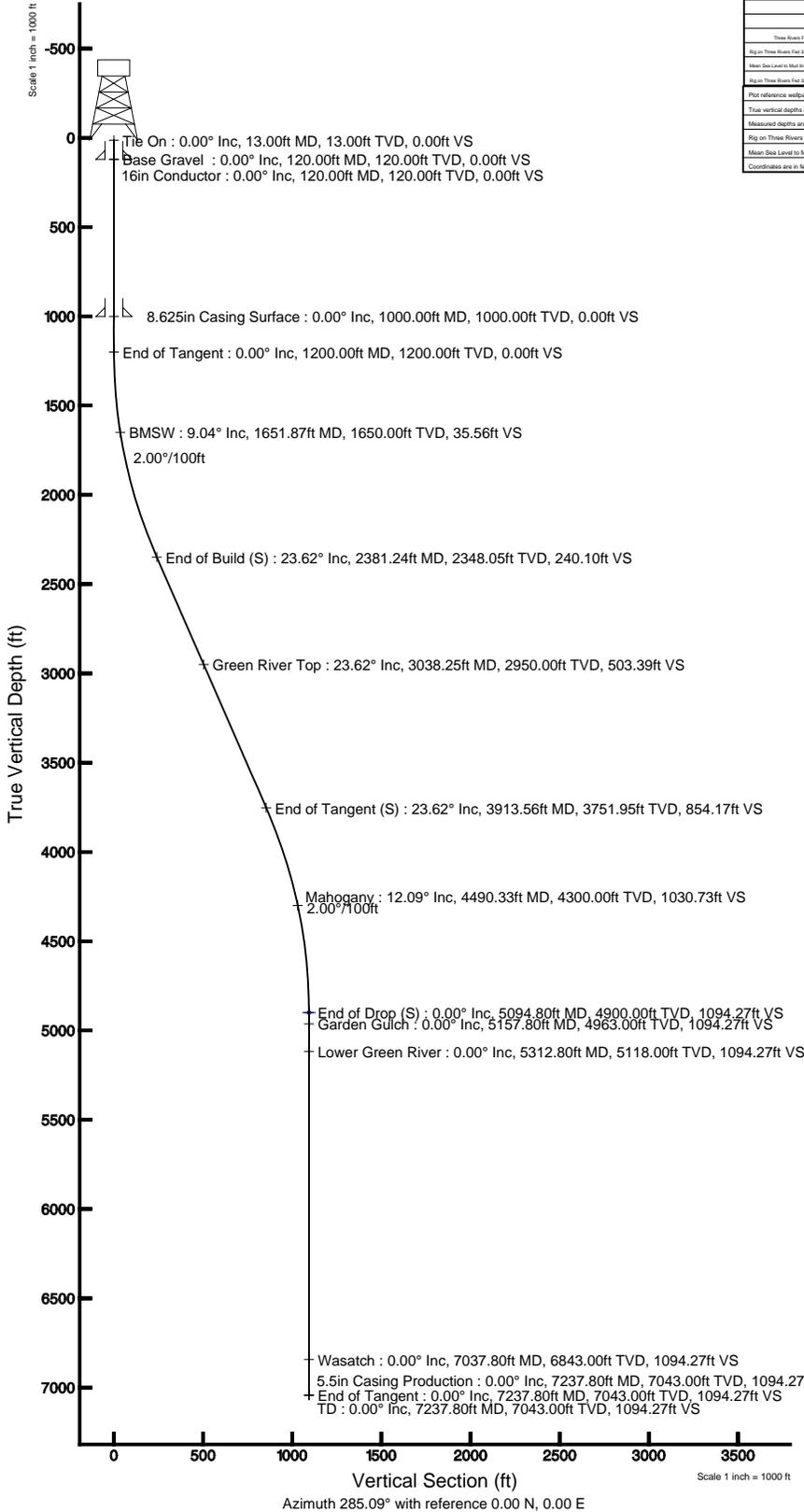
Location: Three Rivers Slot: Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33  
 Field: UINTAH COUNTY Well: Three Rivers Fed 33-44-720  
 Facility: Sec.34-T7S-R20E Wellbore: Three Rivers Fed 33-44-720 PWB

Targets						
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Three Rivers Fed 33-44-720 Target On Plat 660' FSL & 660' FWL Sec 33	5094.80	4900.00	284.90	-1056.53	2152798.47	7232666.42

Well Profile Data						
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)
Tie On	13.00	0.000	285.091	13.00	0.00	0.00
End of Tangent	1200.00	0.000	285.091	1200.00	0.00	0.00
End of Build (S)	2381.24	23.625	285.091	2348.05	62.51	-231.82
End of Tangent (S)	3913.56	23.625	285.091	3751.95	222.39	-824.71
End of Drop (S)	5094.80	0.000	285.091	4900.00	284.90	-1056.53
End of Tangent	7237.80	0.000	285.091	7043.00	284.90	-1056.53

Location Information						
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude		
Sec.34-T7S-R20E	2158830.83	726613.415	47°12'12.273"	109°28'10.719"		
Well	Local N (ft)	Local E (ft) <td>Grid East (US ft) <td>Grid North (US ft) <td>Latitude <td>Longitude</td> </td></td></td>	Grid East (US ft) <td>Grid North (US ft) <td>Latitude <td>Longitude</td> </td></td>	Grid North (US ft) <td>Latitude <td>Longitude</td> </td>	Latitude <td>Longitude</td>	Longitude
Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33	4900.00	284.90	2152798.47	7232666.42	47°12'12.273"	109°28'10.719"

Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) is Mainline Oil Site Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33  
 Mean Sea Level is Mean Sea Level  
 Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) is Mean Sea Level  
 Plot reference wellpath is Three Rivers Fed 33-44-720 PWB  
 True vertical depths are referenced to Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT)  
 Measured depths are referenced to Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT)  
 Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) to Mean Sea Level: 4792.5 feet  
 Mean Sea Level to Mud line (At Site: Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33): 0 feet  
 Coordinates are in feet referenced to Site  
 Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet  
 North Reference: True north  
 Scale: True distance  
 Depths are in feet  
 Created by: wellforms on 1/14/2015





## Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

### REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect@ 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999915	Report Generated	1/14/2015 at 2:04:45 PM
Convergence at slot	1.18° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_33-44-720_PWB.xml

### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-4252.51	-2899.12	2153820.53	7232302.30	40°09'36.245"N	109°39'46.440"W
Facility Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"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 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT)	Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) to Mud Line at Slot (Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT))
MD Reference Pt	Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth



### Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

**WELLPATH DATA (86 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	285.091	0.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
13.00	0.000	285.091	13.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
113.00†	0.000	285.091	113.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
120.00†	0.000	285.091	120.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	Base Gravel
213.00†	0.000	285.091	213.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
313.00†	0.000	285.091	313.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
413.00†	0.000	285.091	413.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
513.00†	0.000	285.091	513.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
613.00†	0.000	285.091	613.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
713.00†	0.000	285.091	713.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
813.00†	0.000	285.091	813.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
913.00†	0.000	285.091	913.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
1013.00†	0.000	285.091	1013.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
1113.00†	0.000	285.091	1113.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
1200.00	0.000	285.091	1200.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
1213.00†	0.260	285.091	1213.00	0.03	0.01	-0.03	40°09'36.245°N	109°39'46.440°W	2.00	
1313.00†	2.260	285.091	1312.97	2.23	0.58	-2.15	40°09'36.251°N	109°39'46.468°W	2.00	
1413.00†	4.260	285.091	1412.80	7.91	2.06	-7.64	40°09'36.265°N	109°39'46.538°W	2.00	
1513.00†	6.260	285.091	1512.38	17.08	4.45	-16.49	40°09'36.289°N	109°39'46.652°W	2.00	
1613.00†	8.260	285.091	1611.57	29.72	7.74	-28.69	40°09'36.321°N	109°39'46.810°W	2.00	
1651.87†	9.037	285.091	1650.00	35.56	9.26	-34.34	40°09'36.336°N	109°39'46.882°W	2.00	BMSW
1713.00†	10.260	285.091	1710.26	45.81	11.93	-44.23	40°09'36.363°N	109°39'47.010°W	2.00	
1813.00†	12.260	285.091	1808.33	65.33	17.01	-63.08	40°09'36.413°N	109°39'47.252°W	2.00	
1913.00†	14.260	285.091	1905.66	88.27	22.98	-85.23	40°09'36.472°N	109°39'47.538°W	2.00	
2013.00†	16.260	285.091	2002.13	114.59	29.83	-110.64	40°09'36.540°N	109°39'47.865°W	2.00	
2113.00†	18.260	285.091	2097.62	144.26	37.56	-139.28	40°09'36.616°N	109°39'48.234°W	2.00	
2213.00†	20.260	285.091	2192.02	177.24	46.15	-171.13	40°09'36.701°N	109°39'48.644°W	2.00	
2313.00†	22.260	285.091	2285.21	213.50	55.59	-206.14	40°09'36.794°N	109°39'49.095°W	2.00	
2381.24	23.625	285.091	2348.05	240.10	62.51	-231.82	40°09'36.863°N	109°39'49.426°W	2.00	
2413.00†	23.625	285.091	2377.15	252.83	65.83	-244.11	40°09'36.895°N	109°39'49.584°W	0.00	
2513.00†	23.625	285.091	2468.77	292.90	76.26	-282.80	40°09'36.998°N	109°39'50.082°W	0.00	
2613.00†	23.625	285.091	2560.39	332.98	86.69	-321.49	40°09'37.101°N	109°39'50.581°W	0.00	
2713.00†	23.625	285.091	2652.01	373.05	97.13	-360.18	40°09'37.205°N	109°39'51.079°W	0.00	
2813.00†	23.625	285.091	2743.63	413.13	107.56	-398.88	40°09'37.308°N	109°39'51.577°W	0.00	
2913.00†	23.625	285.091	2835.24	453.20	117.99	-437.57	40°09'37.411°N	109°39'52.076°W	0.00	
3013.00†	23.625	285.091	2926.86	493.27	128.43	-476.26	40°09'37.514°N	109°39'52.574°W	0.00	
3038.25†	23.625	285.091	2950.00	503.39	131.06	-486.03	40°09'37.540°N	109°39'52.700°W	0.00	Green River Top
3113.00†	23.625	285.091	3018.48	533.35	138.86	-514.95	40°09'37.617°N	109°39'53.073°W	0.00	
3213.00†	23.625	285.091	3110.10	573.42	149.30	-553.65	40°09'37.720°N	109°39'53.571°W	0.00	
3313.00†	23.625	285.091	3201.72	613.50	159.73	-592.34	40°09'37.823°N	109°39'54.069°W	0.00	
3413.00†	23.625	285.091	3293.34	653.57	170.16	-631.03	40°09'37.926°N	109°39'54.568°W	0.00	
3513.00†	23.625	285.091	3384.96	693.65	180.60	-669.72	40°09'38.029°N	109°39'55.066°W	0.00	
3613.00†	23.625	285.091	3476.58	733.72	191.03	-708.42	40°09'38.132°N	109°39'55.564°W	0.00	
3713.00†	23.625	285.091	3568.20	773.80	201.46	-747.11	40°09'38.236°N	109°39'56.063°W	0.00	
3813.00†	23.625	285.091	3659.82	813.87	211.90	-785.80	40°09'38.339°N	109°39'56.561°W	0.00	



### Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP

Page 3 of 5



**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

**WELLPATH DATA (86 stations) † = interpolated/extrapolated station**

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS ["/100ft]	Comments
3913.00†	23.625	285.091	3751.43	853.94	222.33	-824.49	40°09'38.442"N	109°39'57.059"W	0.00	
3913.56	23.625	285.091	3751.95	854.17	222.39	-824.71	40°09'38.442"N	109°39'57.062"W	0.00	
4013.00†	21.636	285.091	3843.73	892.43	232.35	-861.65	40°09'38.541"N	109°39'57.538"W	2.00	
4113.00†	19.636	285.091	3937.31	927.67	241.53	-895.68	40°09'38.631"N	109°39'57.976"W	2.00	
4213.00†	17.636	285.091	4032.06	959.62	249.85	-926.53	40°09'38.714"N	109°39'58.374"W	2.00	
4313.00†	15.636	285.091	4127.87	988.25	257.30	-952.17	40°09'38.787"N	109°39'58.730"W	2.00	
4413.00†	13.636	285.091	4224.62	1013.52	263.88	-978.56	40°09'38.852"N	109°39'59.044"W	2.00	
4490.33†	12.090	285.091	4300.00	1030.73	268.36	-995.18	40°09'38.897"N	109°39'59.258"W	2.00	Mahogany
4513.00†	11.636	285.091	4322.19	1035.39	269.57	-999.68	40°09'38.909"N	109°39'59.316"W	2.00	
4613.00†	9.636	285.091	4420.47	1053.85	274.38	-1017.50	40°09'38.956"N	109°39'59.545"W	2.00	
4713.00†	7.636	285.091	4519.33	1068.86	278.29	-1032.00	40°09'38.995"N	109°39'59.732"W	2.00	
4813.00†	5.636	285.091	4618.65	1080.42	281.30	-1043.16	40°09'39.024"N	109°39'59.876"W	2.00	
4913.00†	3.636	285.091	4718.32	1088.50	283.40	-1050.96	40°09'39.045"N	109°39'59.976"W	2.00	
5013.00†	1.636	285.091	4818.21	1093.10	284.60	-1055.40	40°09'39.057"N	109°40'00.033"W	2.00	
5094.80	0.000	285.091	4900.00†	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	2.00	
5113.00†	0.000	285.091	4918.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5157.80†	0.000	285.091	4963.00	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	Garden Gulch
5213.00†	0.000	285.091	5018.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5312.80†	0.000	285.091	5118.00	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	Lower Green River
5313.00†	0.000	285.091	5118.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5413.00†	0.000	285.091	5218.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5513.00†	0.000	285.091	5318.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5613.00†	0.000	285.091	5418.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5713.00†	0.000	285.091	5518.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5813.00†	0.000	285.091	5618.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5913.00†	0.000	285.091	5718.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6013.00†	0.000	285.091	5818.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6113.00†	0.000	285.091	5918.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6213.00†	0.000	285.091	6018.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6313.00†	0.000	285.091	6118.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6413.00†	0.000	285.091	6218.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6513.00†	0.000	285.091	6318.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6613.00†	0.000	285.091	6418.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6713.00†	0.000	285.091	6518.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6813.00†	0.000	285.091	6618.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6913.00†	0.000	285.091	6718.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
7013.00†	0.000	285.091	6818.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
7037.80†	0.000	285.091	6843.00	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	Wasatch
7113.00†	0.000	285.091	6918.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
7213.00†	0.000	285.091	7018.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
7237.80	0.000	285.091	7043.00	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	TD



## Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP

Page 4 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 33-44-720 PWB Ref Wellpath: Three Rivers Fed 33-44-720 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7237.80	6237.80	1000.00	7043.00	0.00	0.00	284.90	-1056.53
5.5in Casing Production	13.00	7237.80	7224.80	13.00	7043.00	0.00	0.00	284.90	-1056.53

### 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 33-44-720 Target On Plat 660' FSL & 660' FEL Sec 33	5094.80	4900.00	284.90	-1056.53	2152758.47	7232565.42	40°09'39.060"N	109°40'00.048"W	point



### Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP

Page 5 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	285.091	120.00	Base Gravel
1651.87	9.037	285.091	1650.00	BMSW
3038.25	23.625	285.091	2950.00	Green River Top
4490.33	12.090	285.091	4300.00	Mahogany
5157.80	0.000	285.091	4963.00	Garden Gulch
5312.80	0.000	285.091	5118.00	Lower Green River
7037.80	0.000	285.091	6843.00	Wasatch
7237.80	0.000	285.091	7043.00	TD

**Owner:** John Busch

**Operator:** Axia Energy, LLC, 1430 Larimer Street, Suite 400, Denver, Colorado 80202

**Effective Date:** October 22, 2012

As of the Effective Date stated above, Owner, named above, executed and delivered to Operator, named above, a Surface Use Agreement (the "SUA") in which Owner has granted Operator certain rights to access the lands described below ("The Lands") for the purpose of exploring for and producing oil and gas from its oil and gas leases underlying the Lands and to construct drill pads, to drill oil and gas wells, and to construct and maintain associated production facilities, including pipelines. The Lands, all of which are situated in Uintah County, Utah, are described as follows:

**Property Address:** 9871 S. Highway 88, Leota, UT 84078  
**Serial #:** 08:033:0012  
**Property Description:** 80 rds S of NW corner of S/2, Section 34, T7S/R20E, SLM; E 106 2/3 rds; S 106 2/3 rds, W 106 2/3 rds, N 80 rds to beg (53 1/3 acres)

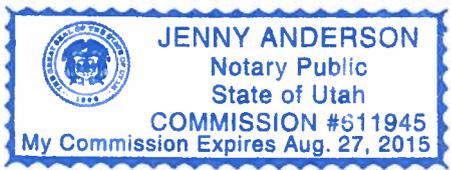
This SUA shall terminate upon the later of: (i) the expiration or termination of the underlying oil and gas leases held by Operator, its successor or assigns; or (ii) upon completion of final reclamation on the lands by Operator, its successors or assigns.

This Memorandum of Surface Use Agreement is executed by Owner and Operator and placed of record in the county in which the Lands are located for the purpose of placing all persons on notice of the existence of the Surface Use Agreement, which is not, at the request of both parties, being filed of record. This Memorandum is signed by Owner and Operator, as of the date of the acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

**OWNER:**

By: John Busch  
John Busch

STATE OF UTAH )  
COUNTY OF Uintah )



The foregoing instrument was acknowledged before me this 9<sup>th</sup> day of November, 2012 by Kenneth Joe Batty.

Witness my hand and official seal.

My commission expires: Aug 27, 2015

Jenny Anderson  
Notary Public

STATE OF COLORADO )  
 )  
COUNTY OF DENVER )

The foregoing instrument was acknowledged before me this 5<sup>th</sup> day of November, 2012, by Tab McGinley, appearing herein in his capacity as Vice President of Land of Axia Energy, LLC

Witness my hand and official seal.

My commission expires: 8/7/16

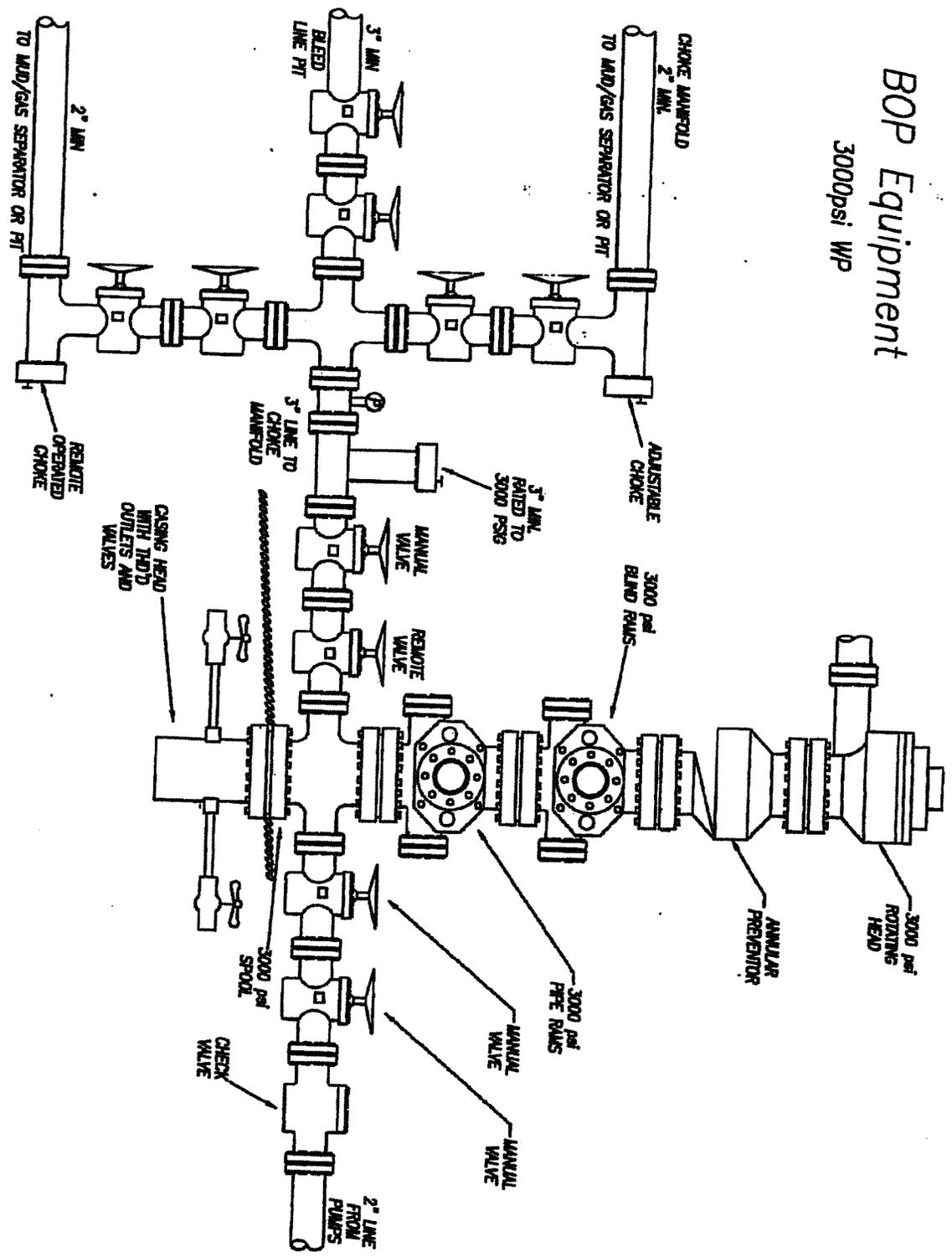


*Teresa H. Brandon*

Notary Public

Address: 1430 Larimer Street  
Suite 400  
Denver, Colorado 80202

# BOP Equipment 3000psi WP





## Ultra Resources, Inc.

---

January 16, 2015

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 33-44-720**

Surface Location: 376' FSL & 393' FWL, SWSW, Sec. 34, T7S, R20E  
Target Location: 660' FSL & 660' FEL, SESE, Sec. 33, T7S, 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 460 feet to the drilling unit boundary.

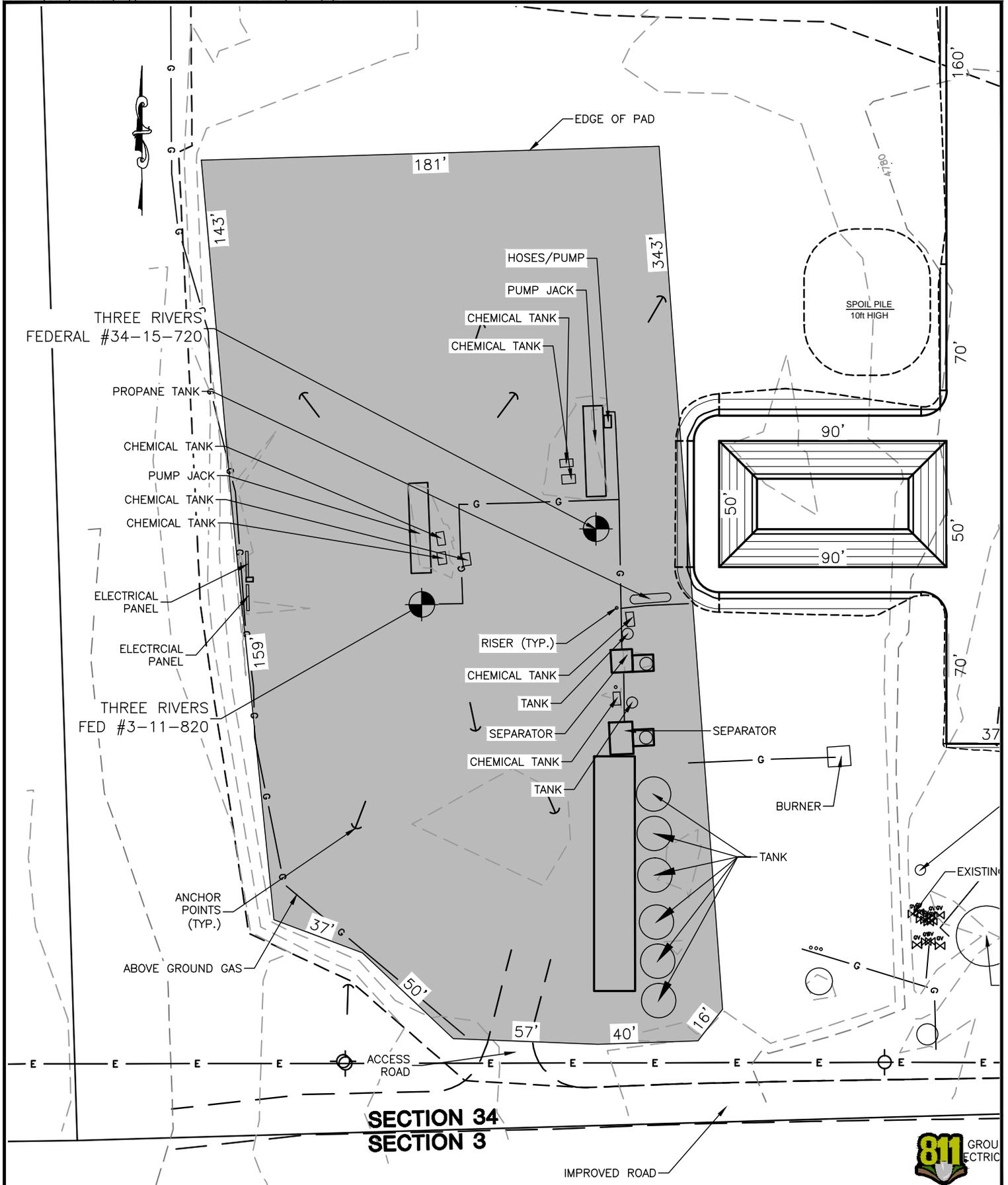
Ultra owns 100% of the leasehold within 460 feet of the surface and target location as well as all points along the intended well bore path.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 303-645-9804 should you have any questions or need additional information.

Sincerely,

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

Jenna Anderson  
Permitting Specialist



**SECTION 34**  
**SECTION 3**

ULTRA RESOURCES, INC.



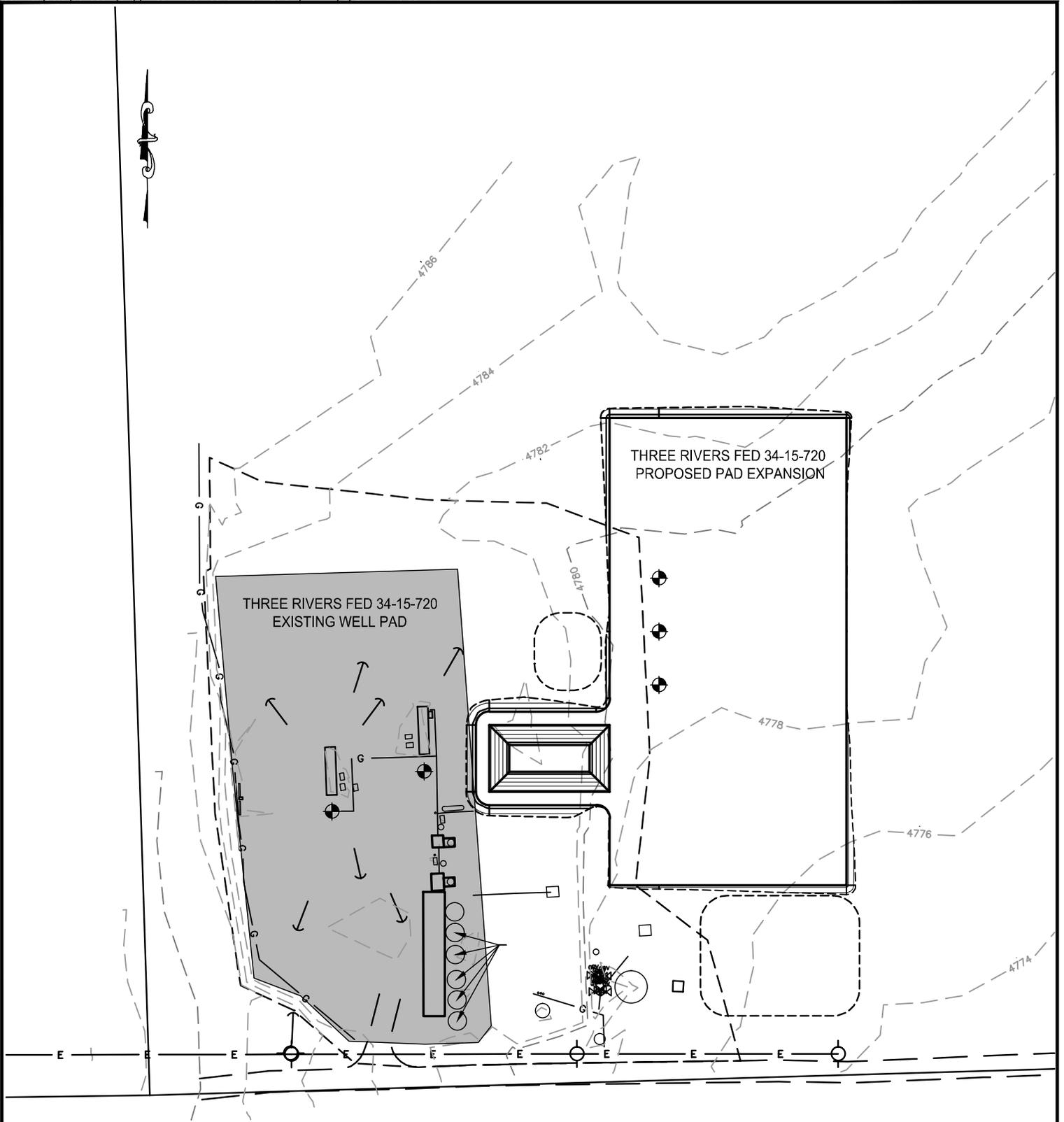
**JFC ENGINEERS SURVEYORS**

1515 NINTH STREET  
ROCK SPRINGS, WY 82901  
PHONE (307) 362-7519  
FAX (307) 362-7569  
http://www.jfc-wyo.com

THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
AS-BUILT PAD  
SW1/4 SW1/4 SECTION 34, T7S, R20E  
UNITAH COUNTY, UTAH

DWN BY: JLD  
DATE: 11/5/14  
SCALE: 1" = 50'  
**FIGURE 1**

RECEIVED: January 16, 2015



ULTRA RESOURCES, INC.



Know what's below.  
Call before you dig.

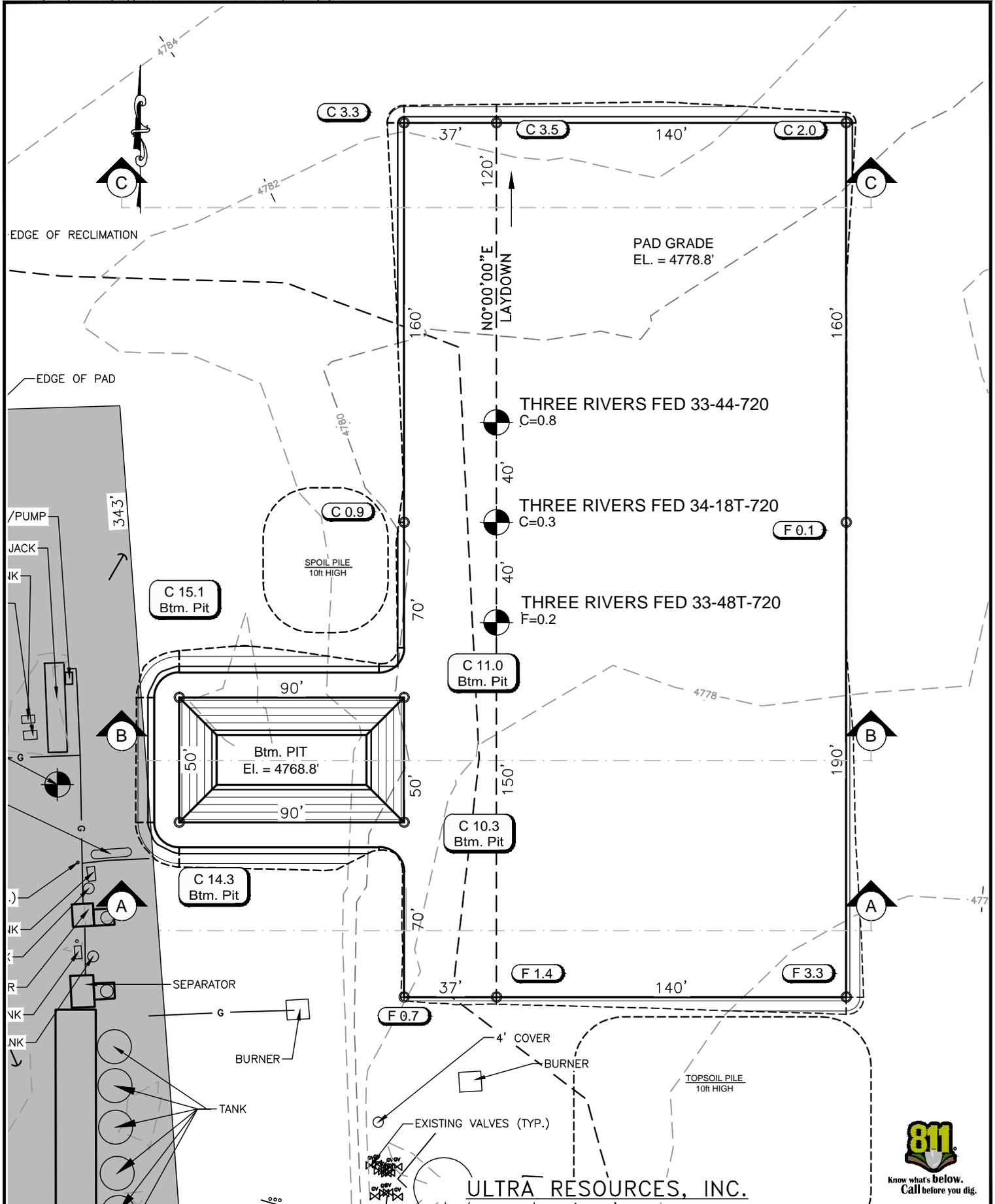
**JFC ENGINEERS SURVEYORS**

1515 NINTH STREET  
ROCK SPRINGS, WY 82901  
PHONE (307) 362-7519  
FAX (307) 362-7569  
<http://www.jfc-wyo.com>

THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
PAD OVERALL  
SW1/4 SW1/4 SECTION 34, T7S, R20E  
UNITAH COUNTY, UTAH

DWN BY: JLD
DATE: 11/5/14
SCALE: 1" = 100'
<b>FIGURE 1A</b>

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ULTRA RESOURCES, INC.



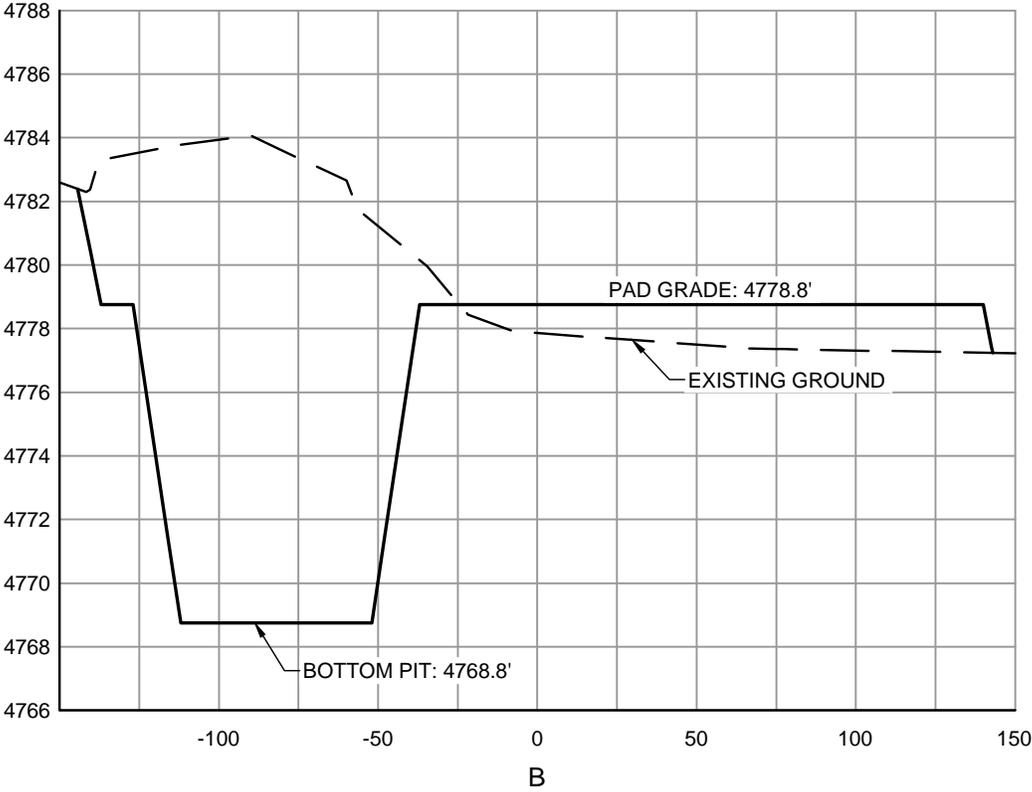
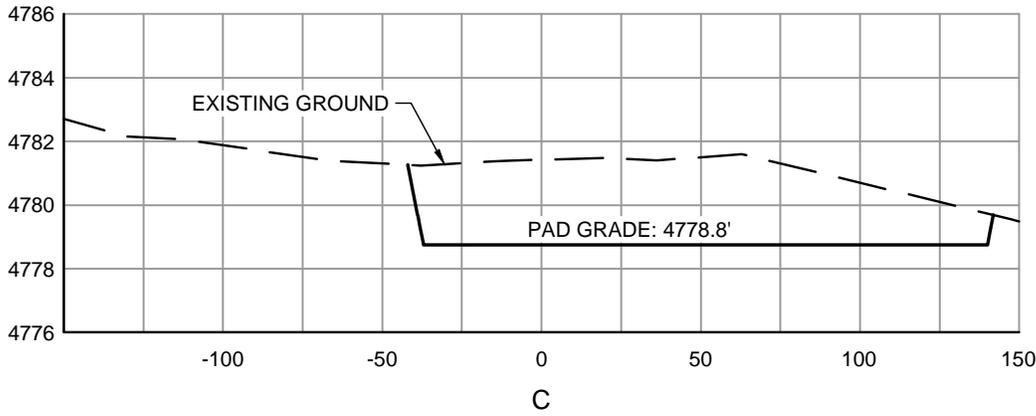
**JFC ENGINEERS SURVEYORS**

1515 NINTH STREET  
 ROCK SPRINGS, WY 82901  
 PHONE (307) 362-7519  
 FAX (307) 362-7569  
<http://www.jfc-wyo.com>

THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
 PAD EXPANSION  
 SW1/4 SW1/4 SECTION 34, T7S, R20E  
 UNITAH COUNTY, UTAH

DWN BY: JLD  
 DATE: 11/5/14  
 SCALE: 1" = 50'  
**FIGURE 1B**

RECEIVED: January 16, 2015

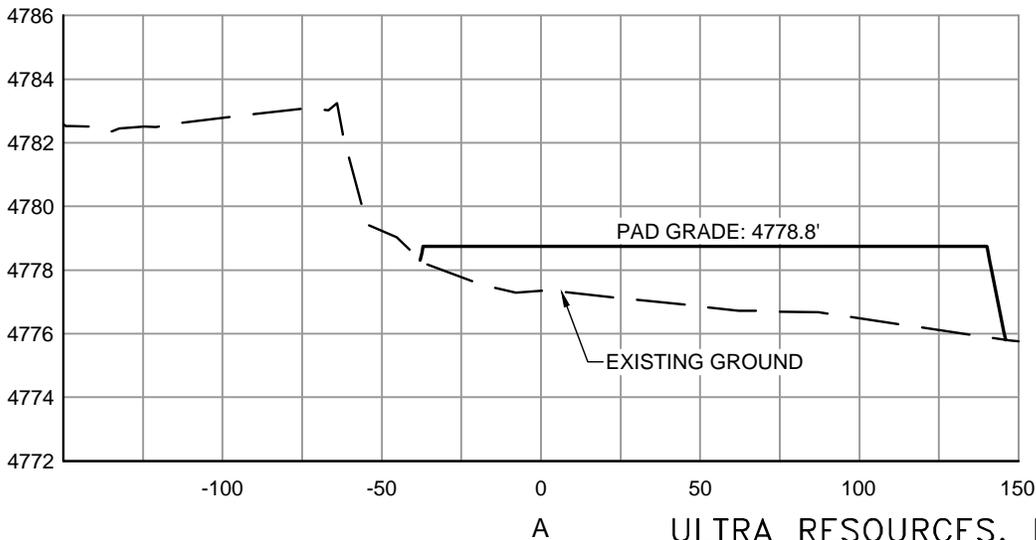


**DISTURBED AREA**

PAD -	1.61
TOPSOIL PILE -	0.20
SPOIL PILE -	0.10
ACCESS ROAD -	0.00
<b>TOTAL -</b>	<b>2.01 ACRES</b>

**YARDAGE ESTIMATE**

TOPSOIL - 1,458 cu yds (6" topsoil)  
 FILL - 1,307 cu yds  
 CUT - 3,880 cu yds (includes 1,130 cu yds for pit reclamation)



**SCALE:**

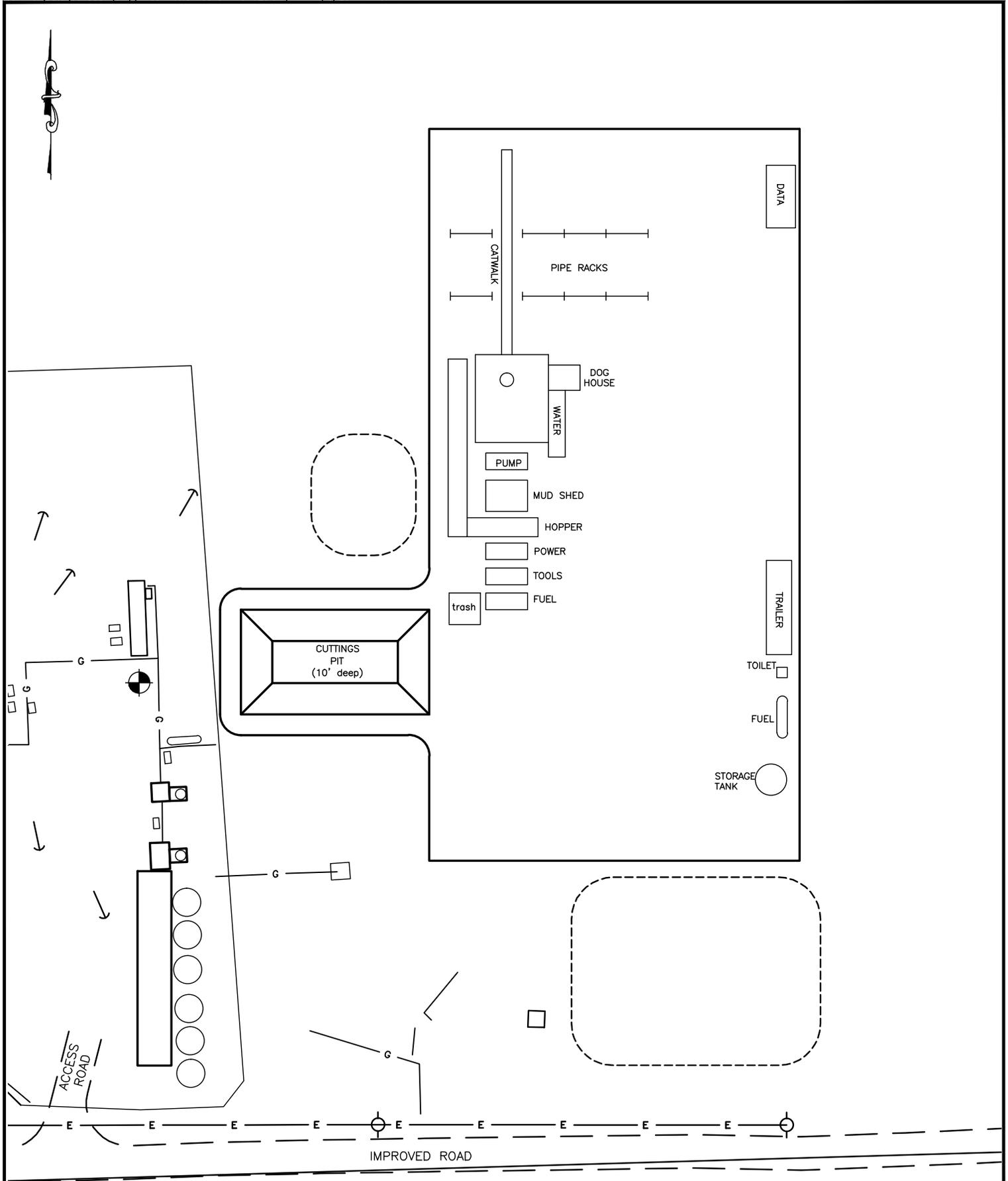
HORZ. 1"=60'  
 VERT. 1"=6'

ULTRA RESOURCES, INC.



THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
 CROSS SECTIONS  
 SW1/4 SW1/4 SECTION 34, T7S, R20E  
 UNITAH COUNTY, UTAH

DWN BY: JLD
DATE: 11/5/14
SCALE: 1" = 60'
<b>FIGURE 2</b>



ULTRA RESOURCES, INC.

THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
 RIG LAYOUT  
 SW1/4 SW1/4 SECTION 34, T7S, R20E  
 UNITAH COUNTY, UTAH

DWN BY: JLD  
 DATE: 11/5/14  
 SCALE: 1" = 60'  
**FIGURE 3**



1515 NINTH STREET  
 ROCK SPRINGS, WY 82901  
 PHONE (307) 362-7519  
 FAX (307) 362-7569  
<http://www.jfc-wyo.com>

JFC File No. 9045-14S  
August 28<sup>th</sup> 2014

**Ultra Resources, INC.**  
**Three Rivers Fed 34-15-720**  
Sec. 34, T7S, R20E  
Uintah County, Utah

**Travel Directions to Well**

From the intersection of Highway 191 South (191S) and West Main Street (US-40W), travel westerly on West Main Street a distance of 13.9 Miles to an intersection with US-40W/191S and Highway 88. Turn left and travel southerly 11.7 miles to an intersection with an improved road on the left. Turn left and travel 150 feet to the Three Rivers Fed 34-15-720 access road on the left. Turn left and travel 60 feet to the Three Rivers Fed 34-15-720 Pad location and to Three Rivers Fed 33-44-720, 34-48T-720, 33-48T-720 well.





Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

- Distance to Groundwater (feet)
- Distance to Surface Water (feet)
- Dist. Nearest Municipal Well (ft)
- Distance to Other Wells (feet)
- Native Soil Type
- Fluid Type
- Drill Cuttings
- Annual Precipitation (inches)
- Affected Populations
- Presence Nearby Utility Conduits

Final Score

Sensitivity Level

Characteristics / Requirements

Re open pit.

Reserve pit should be 195ft by 100ft by 10ft deep. Axia representative Shane Wentzel stated that a 16 mil liner and felt subliner will be used. This appears to be adequate for this site.

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

Other Observations / Comments

Chris Jensen  
Evaluator

1/21/2015  
Date / Time

# Application for Permit to Drill Statement of Basis

## Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
11005	43047552010000	LOCKED	OW	P	No
<b>Operator</b>	ULTRA RESOURCES INC		<b>Surface Owner-APD</b>	John Busch	
<b>Well Name</b>	Three Rivers Fed 33-44-720		<b>Unit</b>		
<b>Field</b>	THREE RIVERS		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSW 34 7S 20E S 376 FSL 393 FWL GPS Coord (UTM) 613874E 4446383N				

### Geologic Statement of Basis

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

Brad Hill  
APD Evaluator

2/18/2015  
Date / Time

### Surface Statement of Basis

Location is proposed in a good location although outside the spacing window typical of a multi well pad. Access road enters the pad from the South. The landowner or its representative was in attendance for the pre-site inspection.

The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location was not previously surveyed for cultural and paleontological resources ( as the operator saw fit). I have advised the operator take all measures necessary to comply with NHPA, ESA and MBTA and that actions insure no improper disturbance to resources that may have not been seen during onsite visit. If Cultural or Paleontological resources are found, Operator shall consult with SHPO and comply with requirements. Those resources shall remain undisturbed and remanded to surface owner for curation and scientific study or to remain as he wishes and further construction activities monitored.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit.

Chris Jensen  
Onsite Evaluator

1/21/2015  
Date / Time

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

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/16/2015

API NO. ASSIGNED: 43047552010000

WELL NAME: Three Rivers Fed 33-44-720

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 303 645-9804

CONTACT: Jenna Anderson

PROPOSED LOCATION: SWSW 34 070S 200E

Permit Tech Review: 

SURFACE: 0376 FSL 0393 FWL

Engineering Review: 

BOTTOM: 0660 FSL 0660 FEL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.16009

LONGITUDE: -109.66285

UTM SURF EASTINGS: 613874.00

NORTHINGS: 4446383.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU85592

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 4 - Fee

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

Commingling Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 270-02
- Effective Date: 11/9/2013
- Siting: 2 WELLS PER 40 ACRES
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason  
5 - Statement of Basis - bhll  
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 33-44-720  
**API Well Number:** 43047552010000  
**Lease Number:** UTU85592  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 2/18/2015

### Issued to:

ULTRA RESOURCES INC, 304 Inverness Way South #295, Englewood, CO 80112

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

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

### General:

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

### Conditions of Approval:

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.

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

### Notification Requirements:

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

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

(please leave a voicemail message if not available)

OR

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

**Reporting Requirements:**

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

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

**Approved By:**

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

For John Rogers  
Associate Director, Oil & Gas

**RECEIVED**

FEB 17 2015

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**BLM**

**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. UTU85592
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 33-44-720
4. Location of Well (Report location clearly and in accordance with any State requirements. *)  At surface SWSW 376FSL 393FWL 40.160068 N Lat, 109.662900 W Lon At proposed prod. zone SESE 660FSL 660FEL 40.160850 N Lat, 109.666680 W Lon				9. API Well No. 43-047-55201
14. Distance in miles and direction from nearest town or post office* 25.5 MILES SOUTHWEST OF VERNAL, UTAH				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 1200.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 34 T7S R20E Mer SLB
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 40		19. Proposed Depth 7238 MD 7043 TVD		12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4779 GL		22. Approximate date work will start 03/16/2015		13. State UT
		23. Estimated duration 60 DAYS		17. Spacing Unit dedicated to this well 40.00
		24. Attachments		20. BLM/BIA Bond No. on file UTB000593

**RECEIVED**  
JUN 05 2015

DIV. OF OIL, GAS & MINING

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 02/16/2015
Title PERMITTING SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date MAY 22 2015
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 #291871 verified by the BLM Well Information System  
For ULTRA RESOURCES, INC., sent to the Vernal  
Committed to AFMSS for processing by STEVE HIRSCHI on 02/23/2015 ()

**UDOGM**

NOTICE OF APPROVAL

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

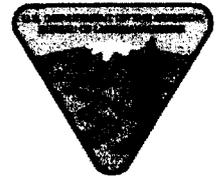


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

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: 33-44-720  
API No: 43-047-55201

Location: SWSW, Sec. 34, T7S, R20E  
Lease No: UTU-85592  
Agreement: NA

**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.
- Stationary internal combustion engines would comply with the following emission standards: 2 g/bhp-hr of NO<sub>x</sub> for engines less than 300 HP and 1 g/bhp-hr of NO<sub>x</sub> for engines over 300 HP.
- Either no or low bleed controllers would be installed on pneumatic pumps, actuators or other pneumatic devices.
- VOC venting controls or flaring would be utilized for oil or gas atmospheric storage tanks.
- VOC venting controls or flaring would be used for glycol dehydration and amine units.
- Where feasible, green completion would be used for well completion, re-completion, venting, or planned blowdown emissions. Alternatively, use controlled VOC emissions methods with 90% efficiency.
- The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
  - do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes:
  - limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
  - limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity
- Screen all pump intakes with 3/32 inch mesh material.

- Approach velocities for intake structures will follow the National Marine Fisheries Service's document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity will not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources: tend to concentrate larval fishes; period of the year when larval fish may be present (April 1 to August 31); and pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
- Northeastern Region  
318 North Vernal Ave, Vernal, UT 84078  
Phone: (435) 781-9453

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

**SITE SPECIFIC DOWNHOLE COAs:**

- Cement for the production casing will be brought to a minimum of 200 feet above the surface casing shoe.
- Cement for the Surface casing shall be brought to the surface
- A CBL shall be run in the production casing to from PBTD to TOC.
- A diverter bowl or rotating head shall be used while drilling the surface hole.
- The upper 200 feet of the surface hole shall be drilled with a 12 ¼ inch bit.

**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 in CD (compact disc) format to the Vernal BLM Field Office. 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 (¼¼, 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> UTU85592
<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 33-44-720
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0376 FSL 0393 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 34 Township: 07.0S Range: 20.0E Meridian: S	<b>9. API NUMBER:</b> 43047552010000
	<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: 2/18/2016	<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 request an APD Extension for this well.

**Approved by the**  
**February 25, 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> 2/22/2016	



**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 43047552010000**

API: 43047552010000

Well Name: Three Rivers Fed 33-44-720

Location: 0376 FSL 0393 FWL QTR SWSW SEC 34 TWNP 070S RNG 200E MER S

Company Permit Issued to: ULTRA RESOURCES INC

Date Original Permit Issued: 2/18/2015

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.

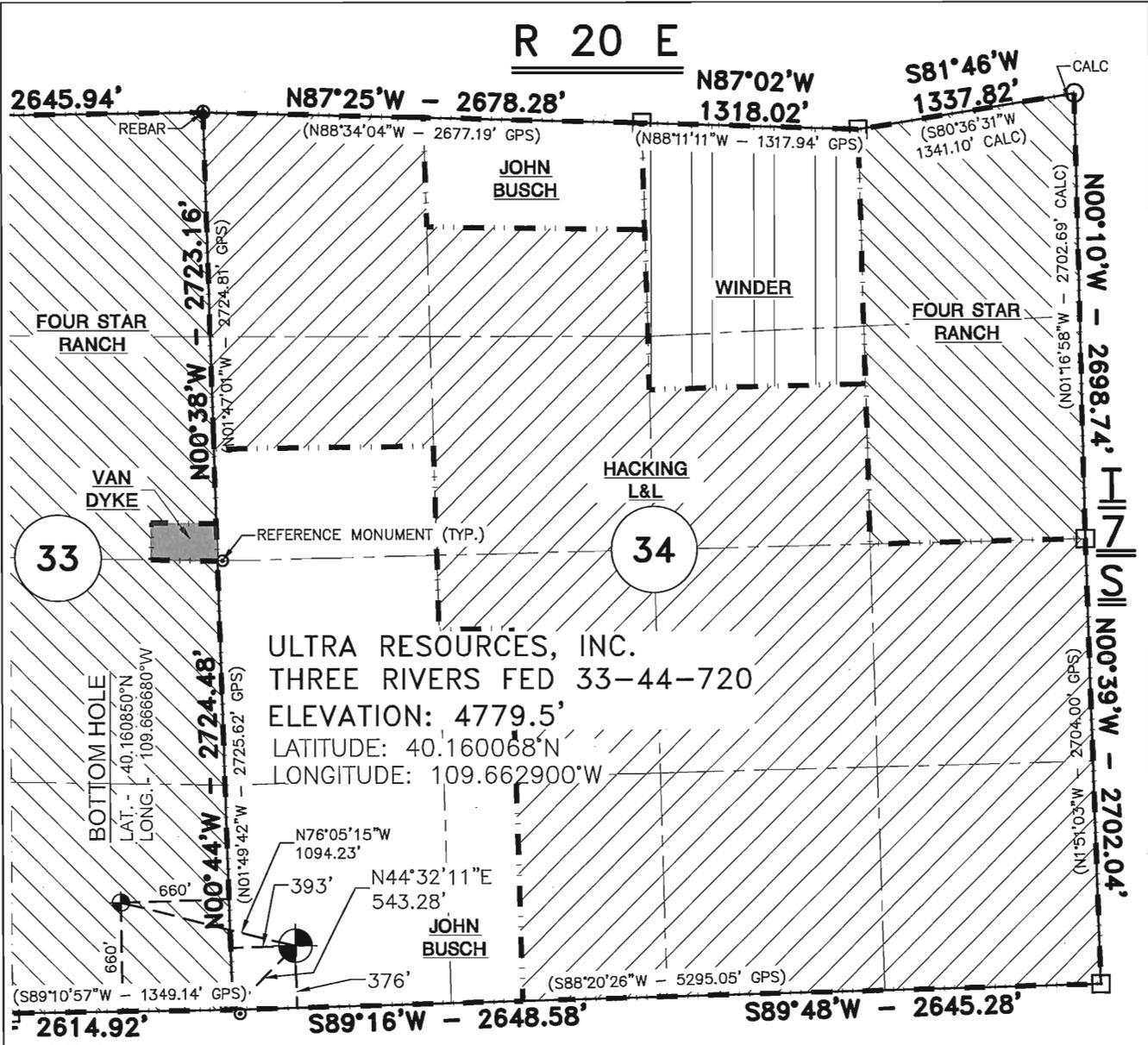
- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
  
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
  
- Has there been any unit or other 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: 2/22/2016

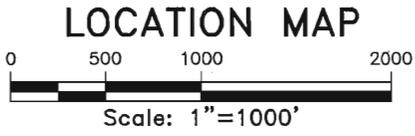
Title: Sr. Permitting Analyst Representing: ULTRA RESOURCES INC

9/24/2014 9:36:20 AM



ULTRA RESOURCES, INC.  
 THREE RIVERS FED 33-44-720  
 ELEVATION: 4779.5'  
 LATITUDE: 40.160068°N  
 LONGITUDE: 109.662900°W

NOTE: Bearings shown are based on True North derived from GPS. Datum - North American Datum 83. Coordinates - US State Plane, Utah Central Zone, US Feet, Convergence - 1" 10' 36.506" Scale Factor - 0.99991496



STATEMENT OF SURVEYOR

I, JOSEPH W. MANATOS of Rock Springs, Wyoming do hereby state that this map was made from field notes taken during an actual survey of the well location made for ULTRA RESOURCES, INC. on 08/14/14

*Joseph W. Manatos*  
 Utah P.L.S. No. 155871



NOTES:  
 PIPE CORNERS LOCATED  
 BASIS OF ELEV. - NORTH WEST COR. SEC. 34  
 ELEV. = 4816.0'

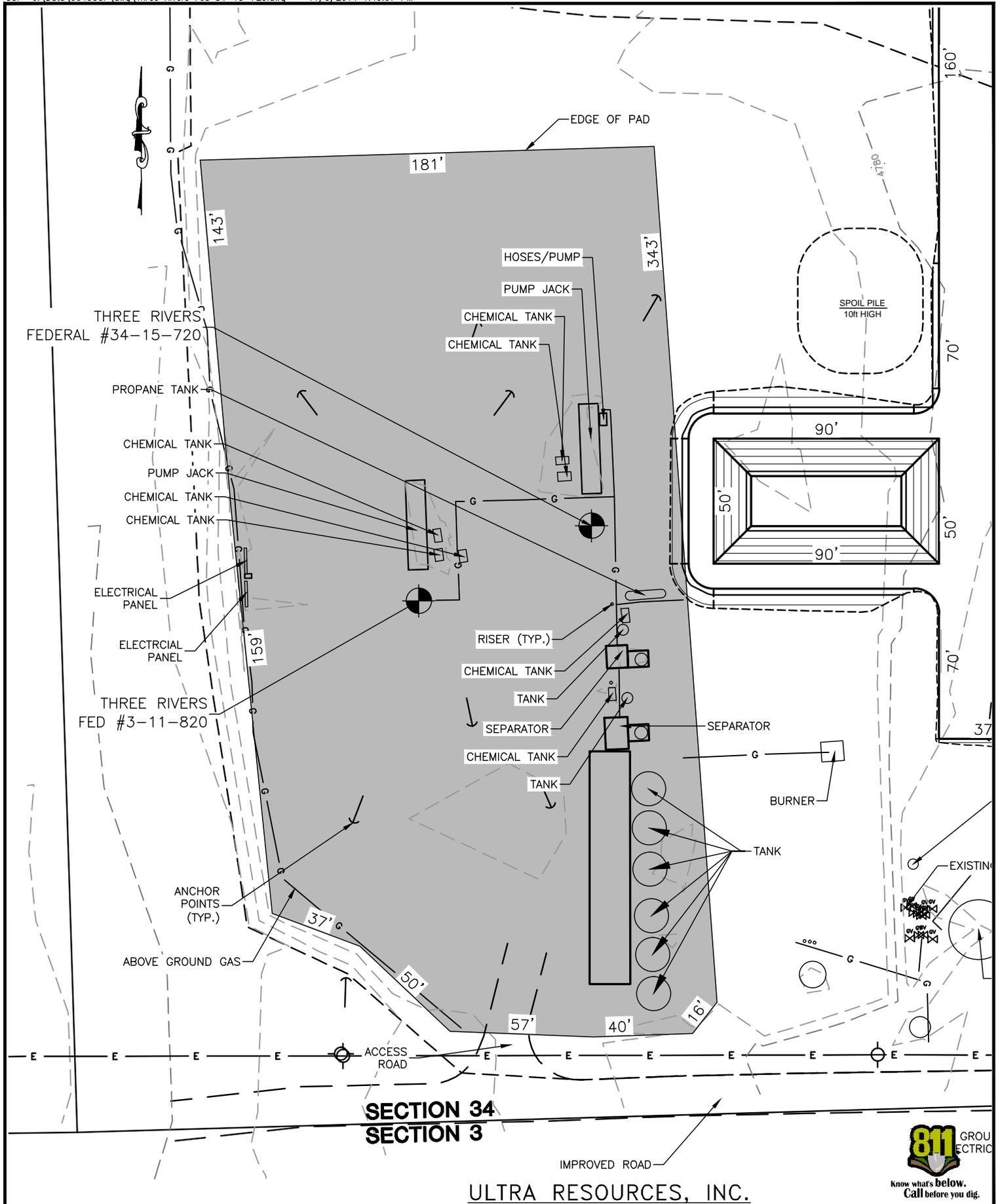


WELL LOCATION PLAT FOR  
 ULTRA RESOURCES, INC.  
 THREE RIVERS FED 33-44-720  
 SW1/4 SW1/4 SECTION 34, T7S, R20E  
 376' F.S.L. - 393 F.W.L.  
 UINTAH COUNTY, UTAH

**JFC ENGINEERS SURVEYORS**  
 1515 NINTH STREET  
 ROCK SPRINGS, WY 82201  
 PHONE (307) 362-7519  
 FAX (307) 362-7569  
 http://www.jfc-wyo.com

9/24/2014  
 JLD  
 9045-14S

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**SECTION 34**  
**SECTION 3**

**ULTRA RESOURCES, INC.**

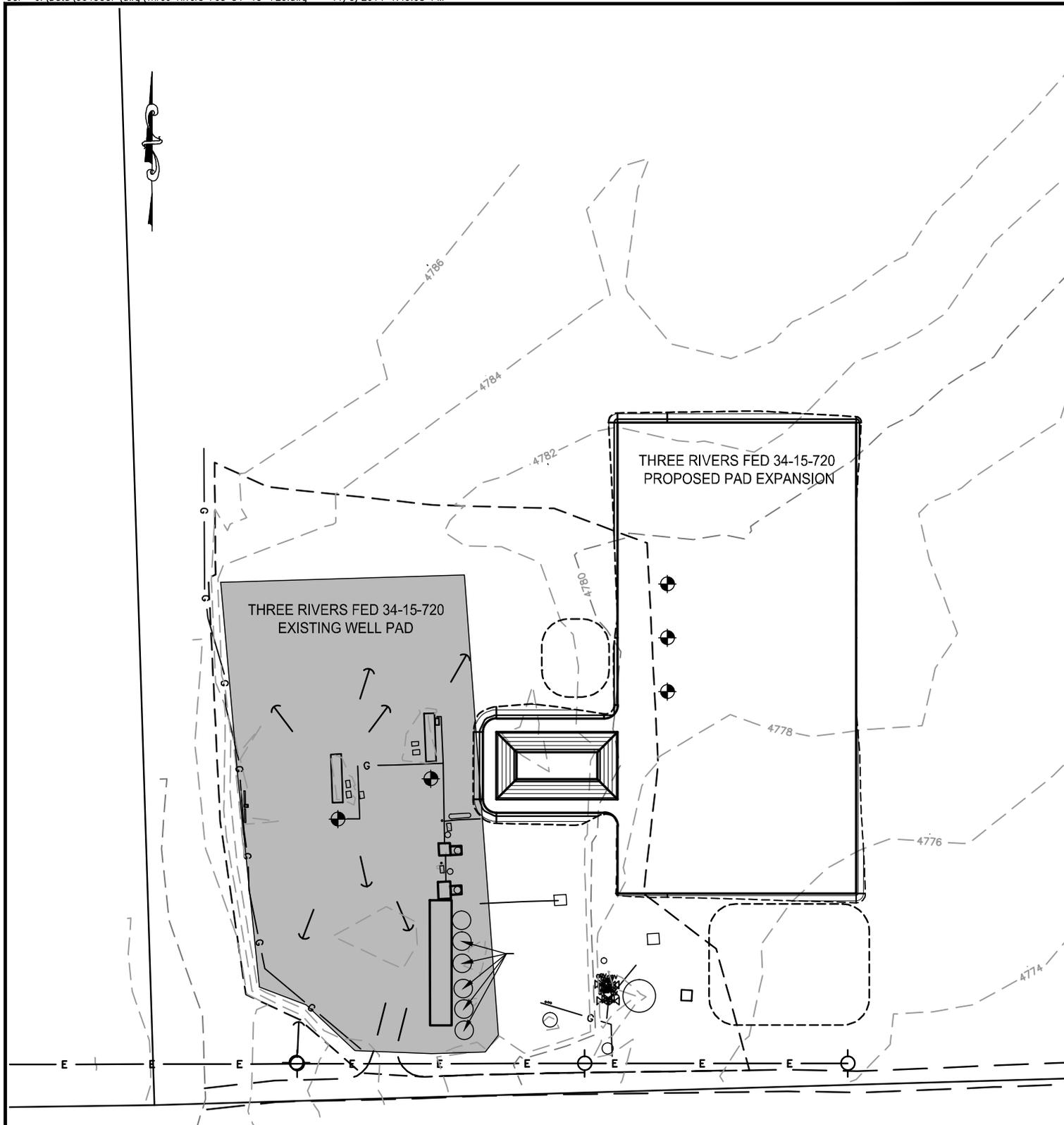


**JFC ENGINEERS SURVEYORS**

1515 NINTH STREET  
ROCK SPRINGS, WY 82901  
PHONE (307) 362-7519  
FAX (307) 362-7569  
http://www.jfc-wyo.com

THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
AS-BUILT PAD  
SW1/4 SW1/4 SECTION 34, T7S, R20E  
UNITAH COUNTY, UTAH

DWN BY: JLD  
DATE: 11/5/14  
SCALE: 1" = 50'  
**FIGURE 1**



ULTRA RESOURCES, INC.



Know what's below.  
Call before you dig.

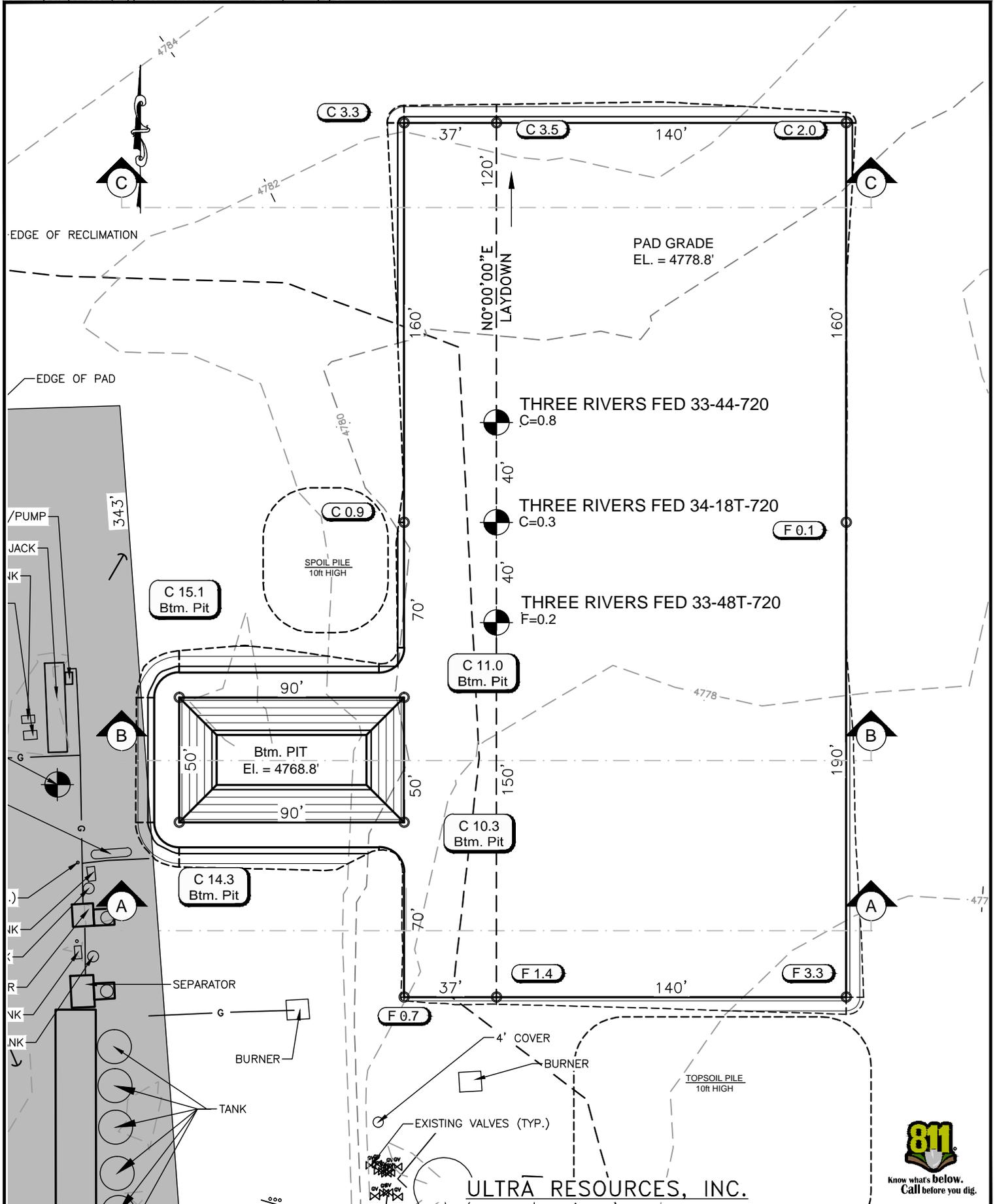


1515 NINTH STREET  
ROCK SPRINGS, WY 82901  
PHONE (307) 362-7519  
FAX (307) 362-7569  
<http://www.jfc-wyo.com>

THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
PAD OVERALL  
SW1/4 SW1/4 SECTION 34, T7S, R20E  
UNITAH COUNTY, UTAH

DWN BY: JLD
DATE: 11/5/14
SCALE: 1" = 100'
<b>FIGURE 1A</b>

RECEIVED: Feb. 22, 2016



ULTRA RESOURCES, INC.

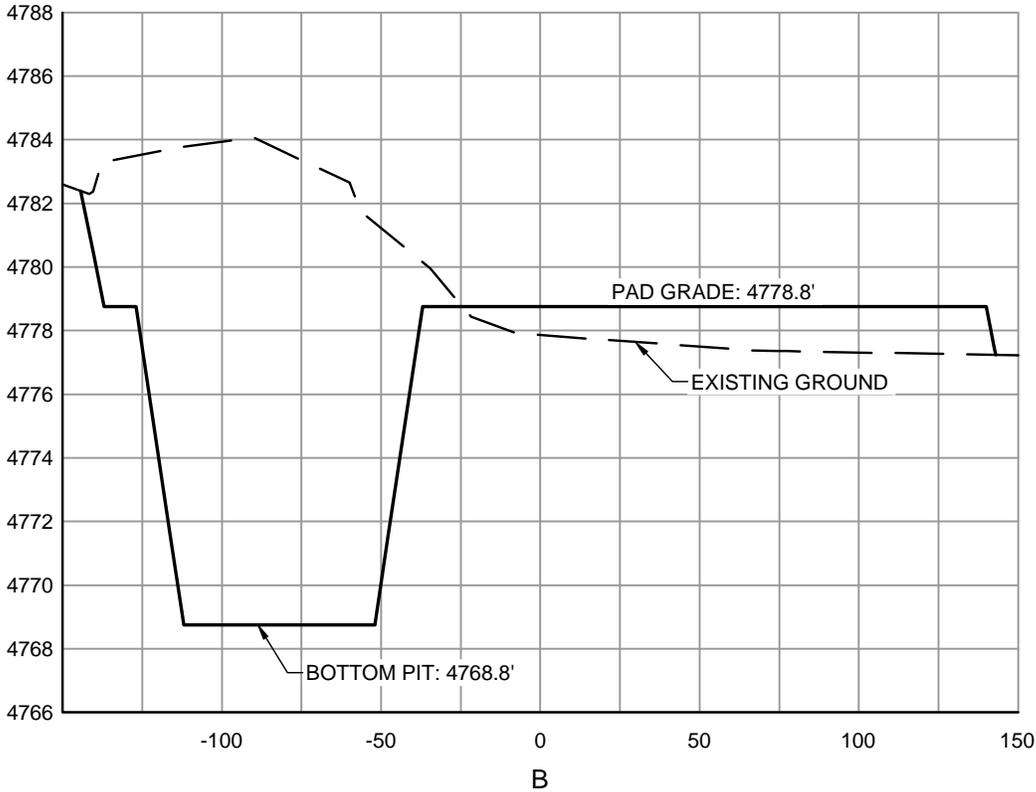
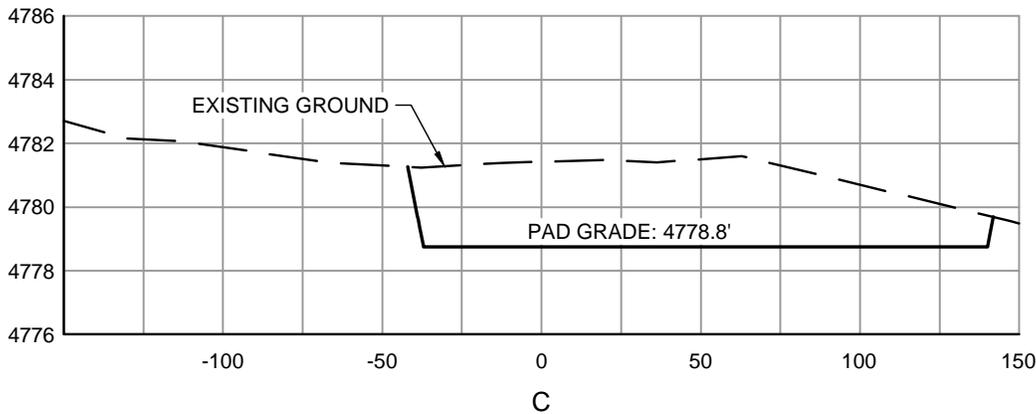


**JFC ENGINEERS SURVEYORS**

1515 NINTH STREET  
 ROCK SPRINGS, WY 82901  
 PHONE (307) 362-7519  
 FAX (307) 362-7569  
<http://www.jfc-wyo.com>

THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
 PAD EXPANSION  
 SW1/4 SW1/4 SECTION 34, T7S, R20E  
 UNITAH COUNTY, UTAH

DWN BY: JLD  
 DATE: 11/5/14  
 SCALE: 1" = 50'  
**FIGURE 1B**

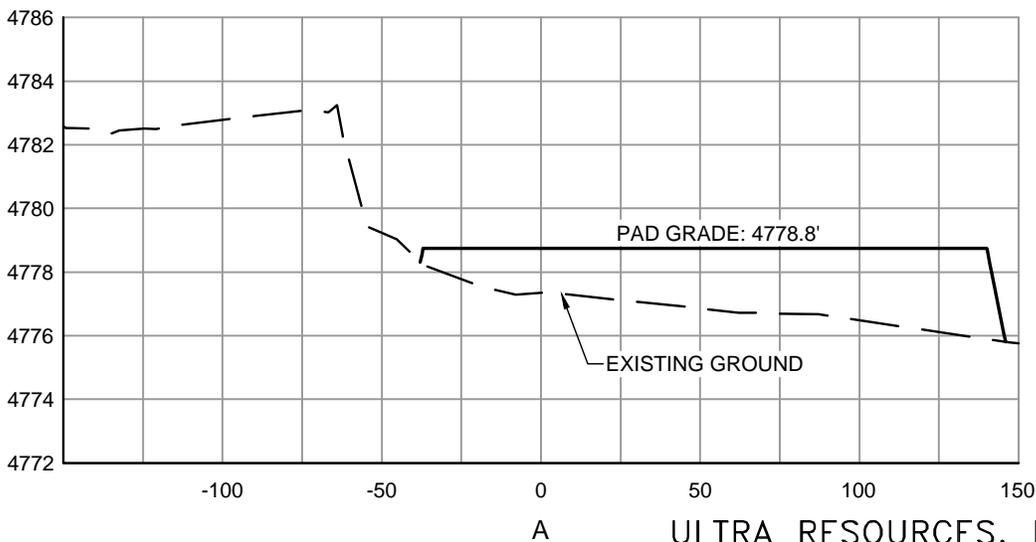


**DISTURBED AREA**

PAD -	1.61
TOPSOIL PILE -	0.20
SPOIL PILE -	0.10
ACCESS ROAD -	0.00
<b>TOTAL -</b>	<b>2.01ACRES</b>

**YARDAGE ESTIMATE**

TOPSOIL - 1,458 cu yds (6" topsoil)  
 FILL - 1,307 cu yds  
 CUT - 3,880 cu yds (includes 1,130 cu yds for pit reclamation)



**SCALE:**

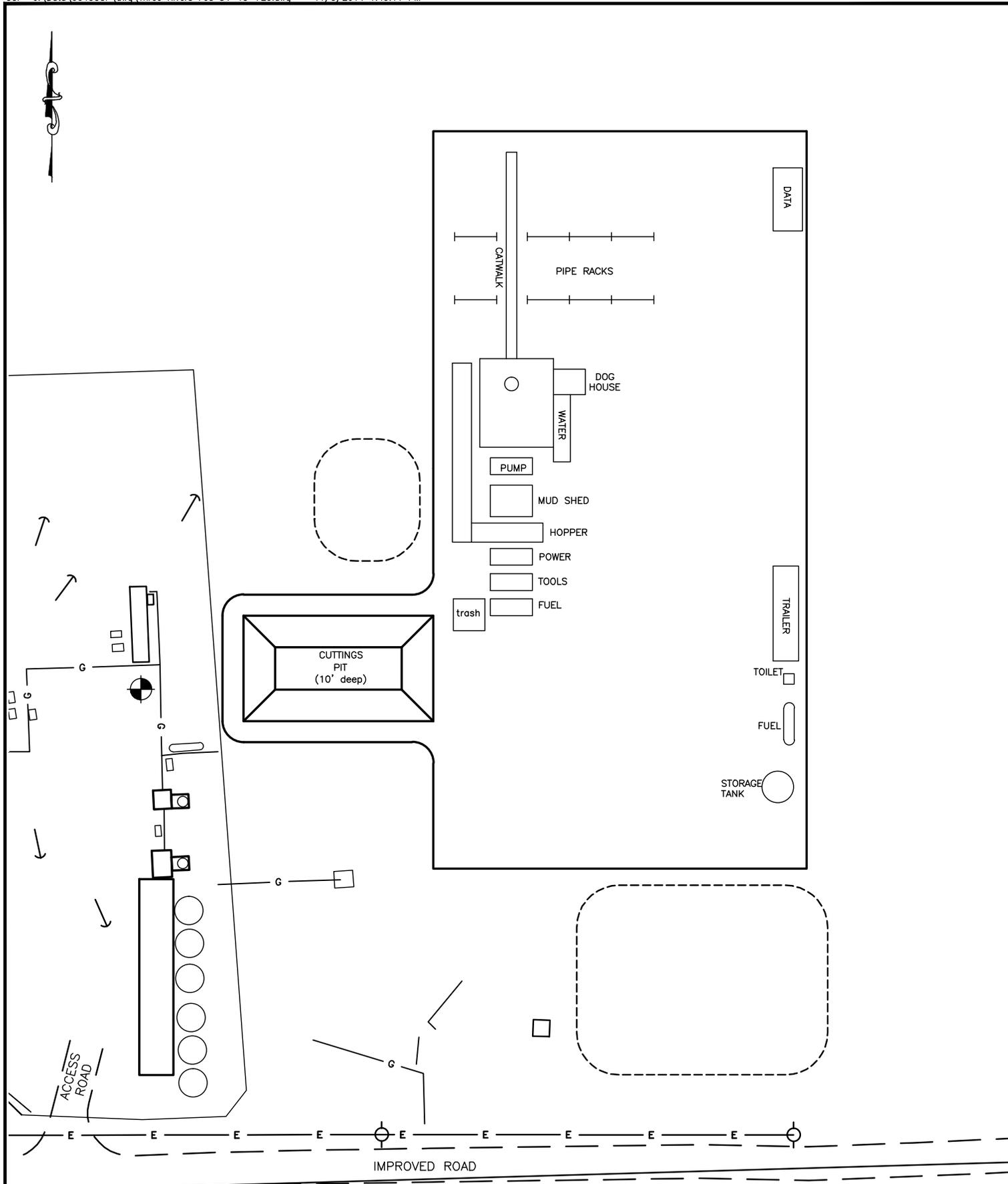
HORZ. 1"=60'  
 VERT. 1"=6'

ULTRA RESOURCES, INC.



THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
 CROSS SECTIONS  
 SW1/4 SW1/4 SECTION 34, T7S, R20E  
 UNITAH COUNTY, UTAH

DWN BY: JLD
DATE: 11/5/14
SCALE: 1" = 60'
<b>FIGURE 2</b>



ULTRA RESOURCES, INC.

THREE RIVERS FED 34-15-720 AS-BUILT/EXPANSION  
 RIG LAYOUT  
 SW1/4 SW1/4 SECTION 34, T7S, R20E  
 UNITAH COUNTY, UTAH

DWN BY: JLD  
 DATE: 11/5/14  
 SCALE: 1" = 60'

FIGURE 3

**JFC ENGINEERS SURVEYORS**  
 1515 NINTH STREET  
 ROCK SPRINGS, WY 82901  
 PHONE (307) 362-7519  
 FAX (307) 362-7569  
<http://www.jfc-wyo.com>

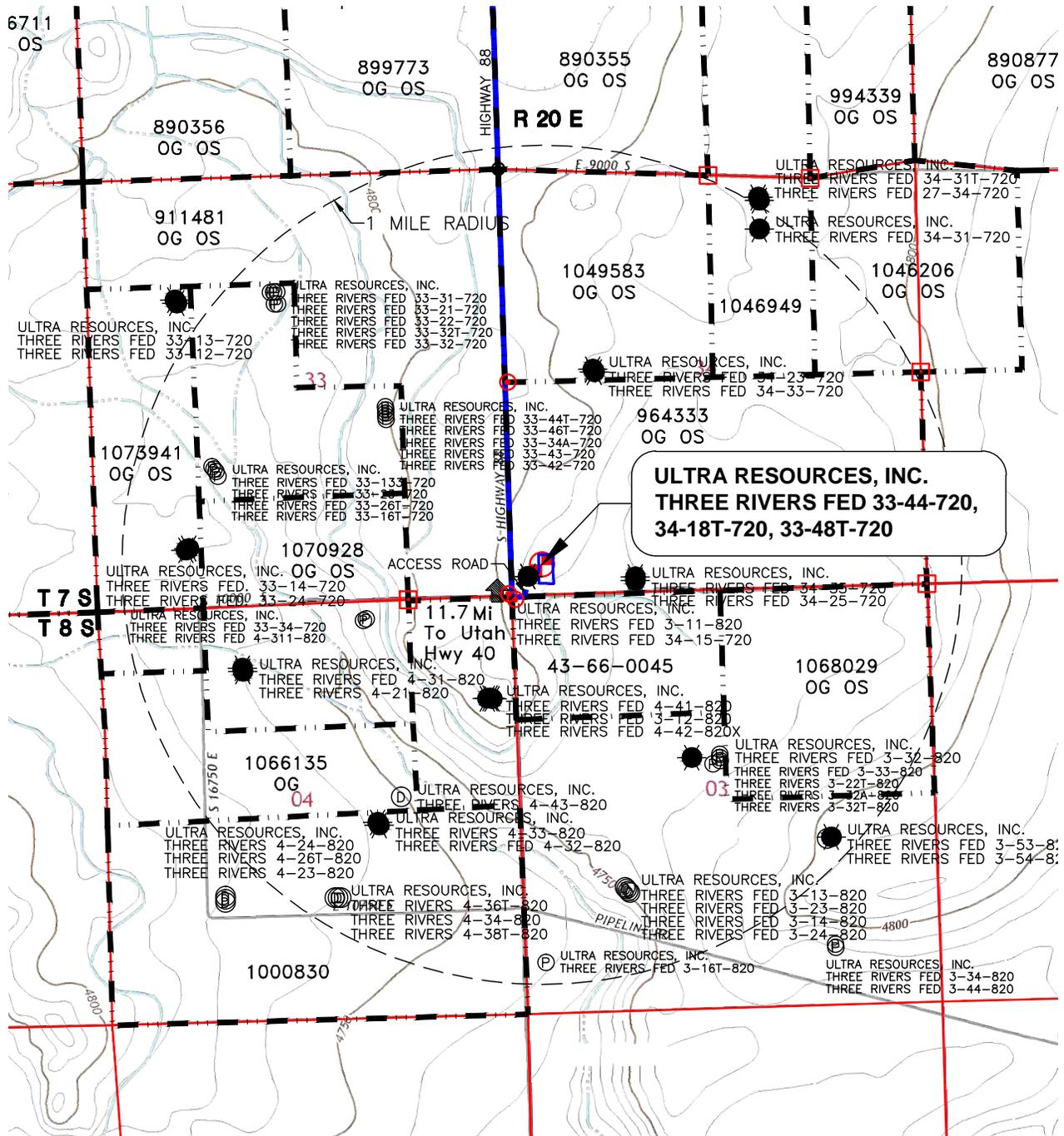
JFC File No. 9045-14S  
August 28<sup>th</sup> 2014

**Ultra Resources, INC.**  
**Three Rivers Fed 34-15-720**  
Sec. 34, T7S, R20E  
Uintah County, Utah

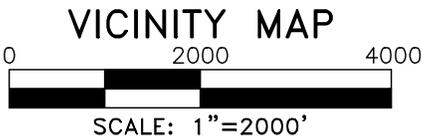
**Travel Directions to Well**

From the intersection of Highway 191 South (191S) and West Main Street (US-40W), travel westerly on West Main Street a distance of 13.9 Miles to an intersection with US-40W/191S and Highway 88. Turn left and travel southerly 11.7 miles to an intersection with an improved road on the left. Turn left and travel 150 feet to the Three Rivers Fed 34-15-720 access road on the left. Turn left and travel 60 feet to the Three Rivers Fed 34-15-720 Pad location and to Three Rivers Fed 33-44-720, 34-48T-720, 33-48T-720 well.

11/5/2014 1:47:34 PM



**ULTRA RESOURCES, INC.**  
**THREE RIVERS FED 33-44-720,**  
**34-18T-720, 33-48T-720**



- LEGEND**
- PRODUCING OIL
  - PRODUCING GAS
  - ACTIVE INJECTOR
  - ⊖ NOTICE OF INTENT TO ABANDON
  - SHUT-IN
  - ⊕ TEMPORARILY ABANDONED
  - Ⓟ PERMIT TO DRILL
  - Ⓞ DRILLING



**NOTES:**

- PIPE CORNERS LOCATED

U.S.G.S. QUAD - PELICAN LAKE, UT

WELL LOCATION PLAT FOR

**ULTRA RESOURCES, INC.**

THREE RIVERS FED 34-15-720 EXPANSION  
 SW1/4 SW1/4 SECTION 34, T7S, R20E

UINTAH COUNTY, UTAH

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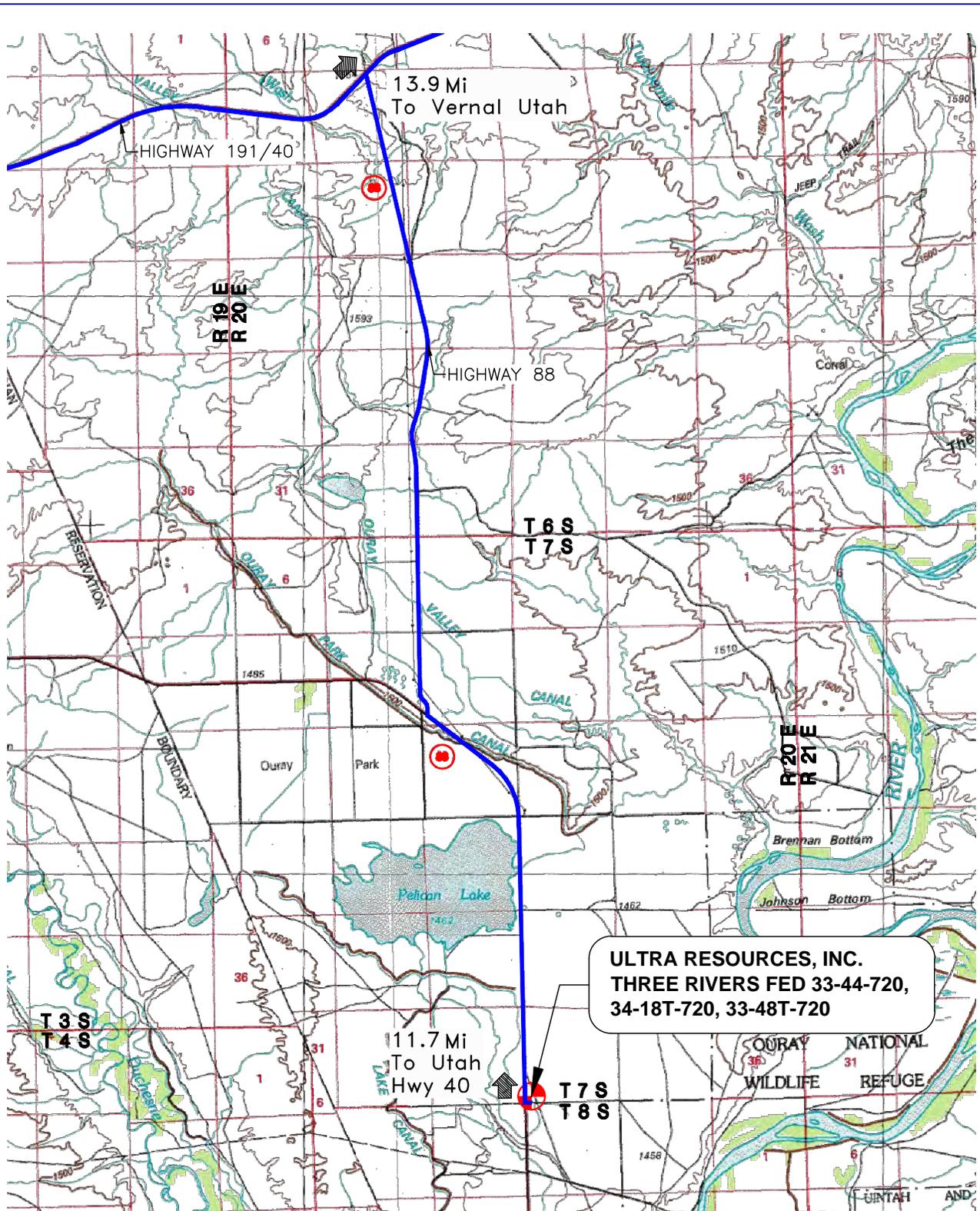
**JFC ENGINEERS SURVEYORS**

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 ROCK SPRINGS, WY 82901  
 PHONE (307) 362-7519  
 FAX (307) 362-7569  
<http://www.jfc-wyo.com>

9/24/2014  
 JLD  
 9045-14S

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AREA MAP  
SCALE: 1:100,000 METRIC



WELL LOCATION PLAT FOR

**ULTRA RESOURCES, INC.**  
THREE RIVERS FED 34-15-720 EXPANSION  
SW1/4 SW1/4 SECTION 34, T7S, R20E

UINTAH COUNTY, UTAH



1515 NINTH STREET  
ROCK SPRINGS, WY 82901  
PHONE (307) 362-7519  
FAX (307) 362-7569  
<http://www.jfc-wyo.com>

9/24/2014  
JLD  
9045-14S

**ULTRA RESOURCES, INC.**

**8 - POINT DRILLING PROGRAM**

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

**DATED: 1-16-15**

**Three Rivers Fed 33-44-720**

**SHL: Sec 34 (SWSW) T7S R20E**

**Uintah, Utah**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations and the approved Application for Permit to Drill (APD). The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	1,652' MD / 1,650' TVD	
Green River	3,038' MD / 2,950' TVD	
Mahogany	4,490' MD / 4,300' TVD	
Garden Gulch	5,158' MD / 4,963' TVD	Oil & Associated Gas
Lower Green River*	5,313' MD / 5,118' TVD	Oil & Associated Gas
Wasatch	7,038' MD / 6,843' TVD	Oil & Associated Gas
TD	7,238' MD / 7,043' TVD	

**Asterisks (\*) denotes target pay intervals**

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

**2. BOP Equipment**

- A) The BOPE shall be closed whenever the well is unattended. The appropriate agencies will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
- D) Choke Manifold
- 1) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
  - 2) Two adjustable chokes will be used in the choke manifold.
  - 3) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
  - 4) Pressure gauges in the well control system will be designed for drilling fluid.
- E) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
  - 2) All BOP tests will be performed with a test plug in place.
  - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

**INTERVAL**

0 - 1,000' MD / 1,000' TVD  
1,000' MD / 1,000' TVD – 7,238' MD / 7,043' TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head  
3,000# Ram Double BOP & Annular with  
Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

**3. Casing and Float Equipment Program**

CASING:

<b>Directional Well</b>	<b>Hole Size</b>	<b>OD</b>	<b>Depth MD/TVD</b>	<b>Wt.</b>	<b>Grade &amp; Connection</b>	<b>Cond.</b>
<b>Conductor</b>	20"	16"	+/- 100' MD / 100' TVD	109.0 ppf	C-75	New
<b>Surface</b>	11"	8 5/8"	1,000' MD / 1,000' TVD	24.0 ppf	J-55, LTC	New
<b>Production</b>	7 7/8"	5 1/2"	5,238' MD / 5,043' TVD	17.0 ppf	J-55, LTC	New
			7,238' MD / 7,043' TVD	17.0 ppf	N/L-80,	New

					LTC	
--	--	--	--	--	-----	--

**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"	4.892" / 4.767"	4,910	5,320'	273,000	229,000
			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 3/4")**

Ready Mix – Cement to surface

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

Cement Top - Surface

Surface – 1,000' MD / 1,000' TVD± 550 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

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

**PRODUCTION (5 1/2")**

Cement Top – 500'

500' - 4,000' TVD ±

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

4,000' – 7,238' MD / 7,043' TVD

Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

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

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The appropriate agencies will be notified 24 hours prior to running casing and cementing.
- D) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
- E) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
- F) "Sundry Notices and Reports on Wells", shall be filed with the appropriate agencies within 30 days after the work is completed.
- G) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
- H) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- I) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

**5. Mud Program**

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

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 7,238' MD / 7,043' 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.

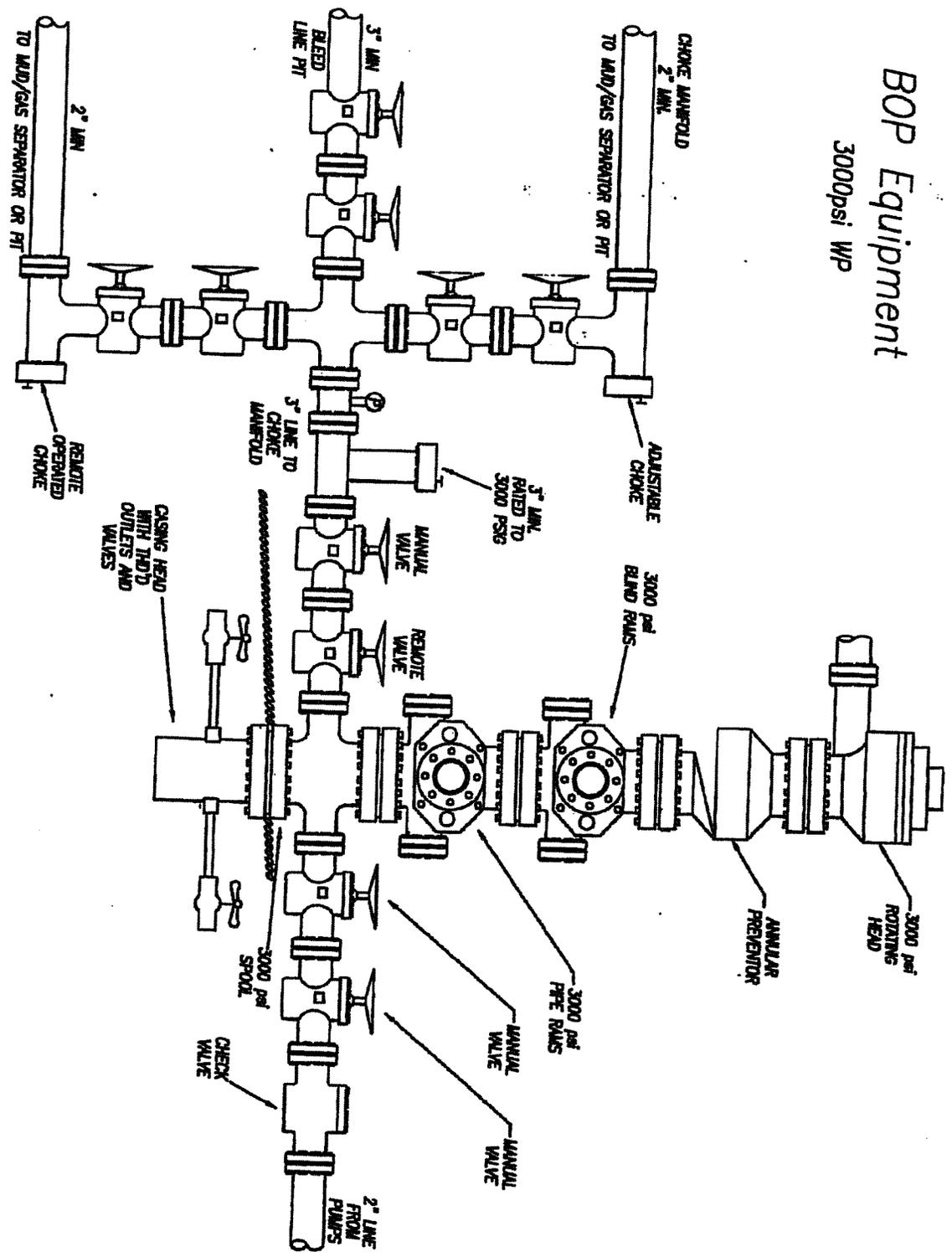
**8. Other Information and Notification Requirements**

- 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.

# BOP Equipment

3000psi WP





# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33

Field: UINTAH COUNTY Well: Three Rivers Fed 33-44-720

Facility: Sec.34-T7S-R20E Wellbore: Three Rivers Fed 33-44-720 PWB

### Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US N)	Grid North (US N)	Latitude	Longitude
Three Rivers Fed 33-44-720 Target On Plat 660' FSL & 660' FEL Sec 33	5094.80	4900.00	284.90	-1056.53	2152738.47	723266.42	40°19'39.9907N	109°40'06.0487W

### Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tip On	13.00	0.000	285.091	13.00	0.00	0.00	0.00	0.00
End of Tangent	1200.00	0.000	285.091	1200.00	0.00	0.00	0.00	0.00
End of Build (S)	2381.24	23.625	285.091	2348.05	62.51	-231.82	2.00	240.10
End of Tangent (S)	3913.56	23.625	285.091	3751.95	222.39	-824.71	0.00	854.17
End of Drop (S)	5094.80	0.000	285.091	4900.00	284.90	-1056.53	2.00	1094.27
End of Tangent	7237.80	0.000	285.091	7043.00	284.90	-1056.53	0.00	1094.27

### Location Information

Facility Name	Grid East (US N)	Grid North (US N)	Latitude	Longitude
Sec.34-T7S-R20E	2158330.83	726613.415	40°19'39.9907N	109°39'59.1079W
Well	Local N (ft)	Local E (ft)	Grid East (US N)	Grid North (US N)
Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33	4900.00	284.90	2152738.47	723266.42
Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) is Mean Sea Level				4760.00
Mean Sea Level is Mean Sea Level (MSSL)				0.00
Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) is Mean Sea Level				4760.00

Plot reference wellbore is Three Rivers Fed 33-44-720 PWB

True vertical depths are referenced to Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT)

Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet

Measured depths are referenced to Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT)

Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) to Mean Sea Level: 4760.0 feet

North Reference: True north

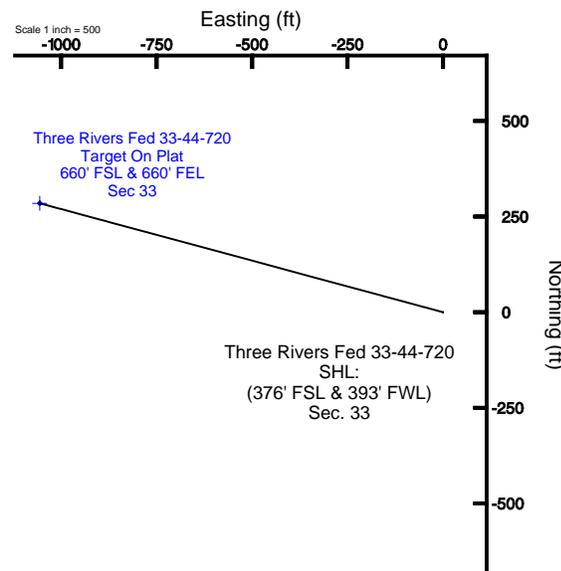
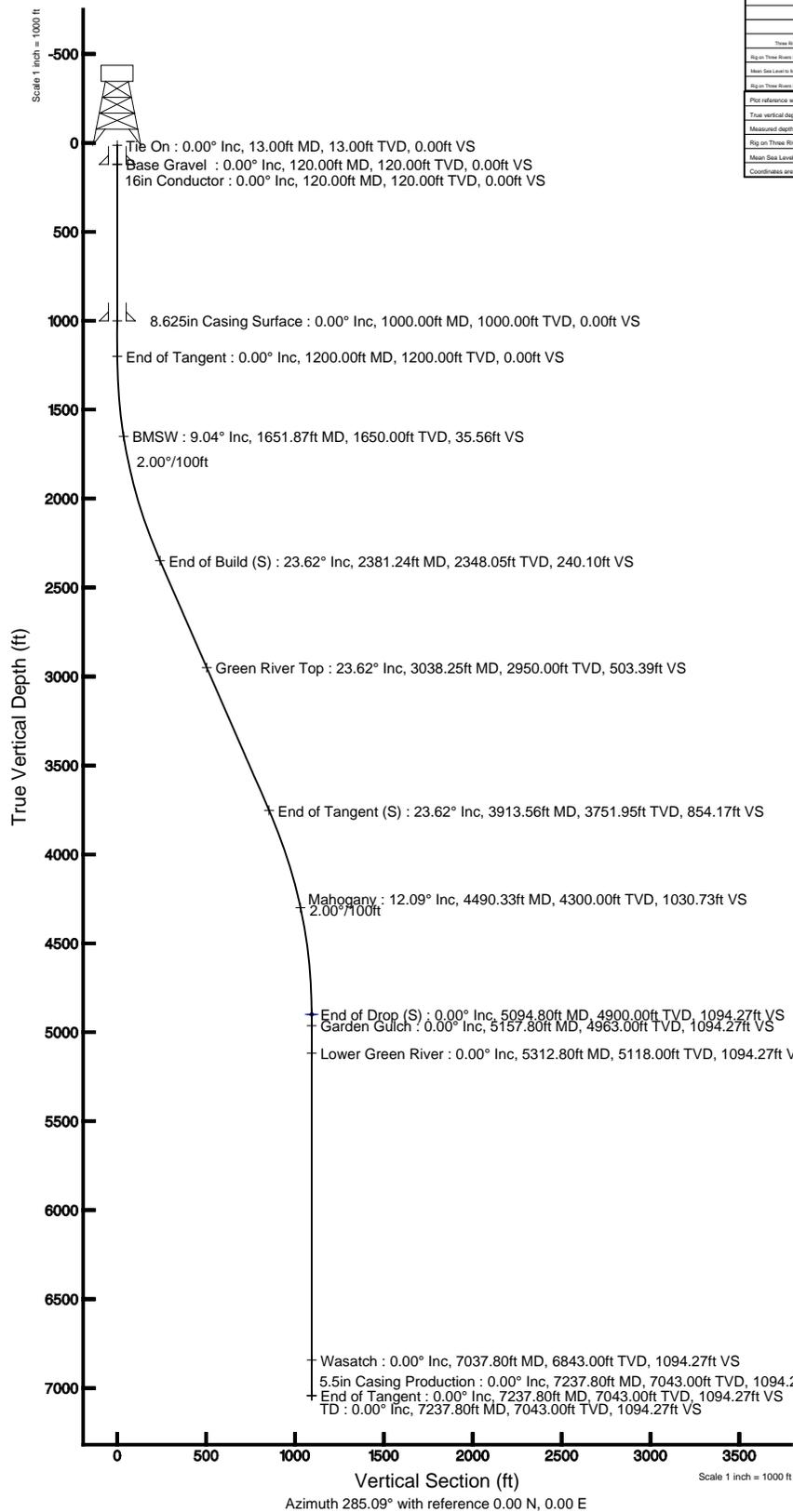
Scale: True distance

Mean Sea Level to Mud line (At Slot: Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33): 0 feet

Depth in feet

Coordinates are in feet referenced to Slot

Created by: wellforms on 1/14/2015





## Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP

Page 1 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

### REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect@ 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999915	Report Generated	1/14/2015 at 2:04:45 PM
Convergence at slot	1.18° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_33-44-720_PWB.xml

### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-4252.51	-2899.12	2153820.53	7232302.30	40°09'36.245"N	109°39'46.440"W
Facility Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"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 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT)	Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT) to Mud Line at Slot (Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT))
MD Reference Pt	Rig on Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33 (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth



**Planned Wellpath Report**  
 Three Rivers Fed 33-44-720 PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

WELLPATH DATA (86 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	285.091	0.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
13.00	0.000	285.091	13.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
113.00†	0.000	285.091	113.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
120.00†	0.000	285.091	120.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	Base Gravel
213.00†	0.000	285.091	213.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
313.00†	0.000	285.091	313.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
413.00†	0.000	285.091	413.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
513.00†	0.000	285.091	513.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
613.00†	0.000	285.091	613.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
713.00†	0.000	285.091	713.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
813.00†	0.000	285.091	813.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
913.00†	0.000	285.091	913.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
1013.00†	0.000	285.091	1013.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
1113.00†	0.000	285.091	1113.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
1200.00	0.000	285.091	1200.00	0.00	0.00	0.00	40°09'36.245°N	109°39'46.440°W	0.00	
1213.00†	0.260	285.091	1213.00	0.03	0.01	-0.03	40°09'36.245°N	109°39'46.440°W	2.00	
1313.00†	2.260	285.091	1312.97	2.23	0.58	-2.15	40°09'36.251°N	109°39'46.468°W	2.00	
1413.00†	4.260	285.091	1412.80	7.91	2.06	-7.64	40°09'36.265°N	109°39'46.538°W	2.00	
1513.00†	6.260	285.091	1512.38	17.08	4.45	-16.49	40°09'36.289°N	109°39'46.652°W	2.00	
1613.00†	8.260	285.091	1611.57	29.72	7.74	-28.69	40°09'36.321°N	109°39'46.810°W	2.00	
1651.87†	9.037	285.091	1650.00	35.56	9.26	-34.34	40°09'36.336°N	109°39'46.882°W	2.00	BMSW
1713.00†	10.260	285.091	1710.26	45.81	11.93	-44.23	40°09'36.363°N	109°39'47.010°W	2.00	
1813.00†	12.260	285.091	1808.33	65.33	17.01	-63.08	40°09'36.413°N	109°39'47.252°W	2.00	
1913.00†	14.260	285.091	1905.66	88.27	22.98	-85.23	40°09'36.472°N	109°39'47.538°W	2.00	
2013.00†	16.260	285.091	2002.13	114.59	29.83	-110.64	40°09'36.540°N	109°39'47.865°W	2.00	
2113.00†	18.260	285.091	2097.62	144.26	37.56	-139.28	40°09'36.616°N	109°39'48.234°W	2.00	
2213.00†	20.260	285.091	2192.02	177.24	46.15	-171.13	40°09'36.701°N	109°39'48.644°W	2.00	
2313.00†	22.260	285.091	2285.21	213.50	55.59	-206.14	40°09'36.794°N	109°39'49.095°W	2.00	
2381.24	23.625	285.091	2348.05	240.10	62.51	-231.82	40°09'36.863°N	109°39'49.426°W	2.00	
2413.00†	23.625	285.091	2377.15	252.83	65.83	-244.11	40°09'36.895°N	109°39'49.584°W	0.00	
2513.00†	23.625	285.091	2468.77	292.90	76.26	-282.80	40°09'36.998°N	109°39'50.082°W	0.00	
2613.00†	23.625	285.091	2560.39	332.98	86.69	-321.49	40°09'37.101°N	109°39'50.581°W	0.00	
2713.00†	23.625	285.091	2652.01	373.05	97.13	-360.18	40°09'37.205°N	109°39'51.079°W	0.00	
2813.00†	23.625	285.091	2743.63	413.13	107.56	-398.88	40°09'37.308°N	109°39'51.577°W	0.00	
2913.00†	23.625	285.091	2835.24	453.20	117.99	-437.57	40°09'37.411°N	109°39'52.076°W	0.00	
3013.00†	23.625	285.091	2926.86	493.27	128.43	-476.26	40°09'37.514°N	109°39'52.574°W	0.00	
3038.25†	23.625	285.091	2950.00	503.39	131.06	-486.03	40°09'37.540°N	109°39'52.700°W	0.00	Green River Top
3113.00†	23.625	285.091	3018.48	533.35	138.86	-514.95	40°09'37.617°N	109°39'53.073°W	0.00	
3213.00†	23.625	285.091	3110.10	573.42	149.30	-553.65	40°09'37.720°N	109°39'53.571°W	0.00	
3313.00†	23.625	285.091	3201.72	613.50	159.73	-592.34	40°09'37.823°N	109°39'54.069°W	0.00	
3413.00†	23.625	285.091	3293.34	653.57	170.16	-631.03	40°09'37.926°N	109°39'54.568°W	0.00	
3513.00†	23.625	285.091	3384.96	693.65	180.60	-669.72	40°09'38.029°N	109°39'55.066°W	0.00	
3613.00†	23.625	285.091	3476.58	733.72	191.03	-708.42	40°09'38.132°N	109°39'55.564°W	0.00	
3713.00†	23.625	285.091	3568.20	773.80	201.46	-747.11	40°09'38.236°N	109°39'56.063°W	0.00	
3813.00†	23.625	285.091	3659.82	813.87	211.90	-785.80	40°09'38.339°N	109°39'56.561°W	0.00	



### Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

WELLPATH DATA (86 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS ["/100ft]	Comments
3913.00†	23.625	285.091	3751.43	853.94	222.33	-824.49	40°09'38.442"N	109°39'57.059"W	0.00	
3913.56	23.625	285.091	3751.95	854.17	222.39	-824.71	40°09'38.442"N	109°39'57.062"W	0.00	
4013.00†	21.636	285.091	3843.73	892.43	232.35	-861.65	40°09'38.541"N	109°39'57.538"W	2.00	
4113.00†	19.636	285.091	3937.31	927.67	241.53	-895.68	40°09'38.631"N	109°39'57.976"W	2.00	
4213.00†	17.636	285.091	4032.06	959.62	249.85	-926.53	40°09'38.714"N	109°39'58.374"W	2.00	
4313.00†	15.636	285.091	4127.87	988.25	257.30	-952.17	40°09'38.787"N	109°39'58.730"W	2.00	
4413.00†	13.636	285.091	4224.62	1013.52	263.88	-978.56	40°09'38.852"N	109°39'59.044"W	2.00	
4490.33†	12.090	285.091	4300.00	1030.73	268.36	-995.18	40°09'38.897"N	109°39'59.258"W	2.00	Mahogany
4513.00†	11.636	285.091	4322.19	1035.39	269.57	-999.68	40°09'38.909"N	109°39'59.316"W	2.00	
4613.00†	9.636	285.091	4420.47	1053.85	274.38	-1017.50	40°09'38.956"N	109°39'59.545"W	2.00	
4713.00†	7.636	285.091	4519.33	1068.86	278.29	-1032.00	40°09'38.995"N	109°39'59.732"W	2.00	
4813.00†	5.636	285.091	4618.65	1080.42	281.30	-1043.16	40°09'39.024"N	109°39'59.876"W	2.00	
4913.00†	3.636	285.091	4718.32	1088.50	283.40	-1050.96	40°09'39.045"N	109°39'59.976"W	2.00	
5013.00†	1.636	285.091	4818.21	1093.10	284.60	-1055.40	40°09'39.057"N	109°40'00.033"W	2.00	
5094.80	0.000	285.091	4900.00†	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	2.00	
5113.00†	0.000	285.091	4918.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5157.80†	0.000	285.091	4963.00	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	Garden Gulch
5213.00†	0.000	285.091	5018.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5312.80†	0.000	285.091	5118.00	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	Lower Green River
5313.00†	0.000	285.091	5118.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5413.00†	0.000	285.091	5218.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5513.00†	0.000	285.091	5318.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5613.00†	0.000	285.091	5418.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5713.00†	0.000	285.091	5518.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5813.00†	0.000	285.091	5618.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
5913.00†	0.000	285.091	5718.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6013.00†	0.000	285.091	5818.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6113.00†	0.000	285.091	5918.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6213.00†	0.000	285.091	6018.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6313.00†	0.000	285.091	6118.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6413.00†	0.000	285.091	6218.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6513.00†	0.000	285.091	6318.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6613.00†	0.000	285.091	6418.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6713.00†	0.000	285.091	6518.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6813.00†	0.000	285.091	6618.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
6913.00†	0.000	285.091	6718.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
7013.00†	0.000	285.091	6818.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
7037.80†	0.000	285.091	6843.00	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	Wasatch
7113.00†	0.000	285.091	6918.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
7213.00†	0.000	285.091	7018.20	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	
7237.80	0.000	285.091	7043.00	1094.27	284.90	-1056.53	40°09'39.060"N	109°40'00.048"W	0.00	TD



## Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 33-44-720 PWB Ref Wellpath: Three Rivers Fed 33-44-720 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7237.80	6237.80	1000.00	7043.00	0.00	0.00	284.90	-1056.53
5.5in Casing Production	13.00	7237.80	7224.80	13.00	7043.00	0.00	0.00	284.90	-1056.53

### 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 33-44-720 Target On Plat 660' FSL & 660' FEL Sec 33	5094.80	4900.00	284.90	-1056.53	2152758.47	7232565.42	40°09'39.060"N	109°40'00.048"W	point



## Planned Wellpath Report

Three Rivers Fed 33-44-720 PWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-44-720 (376' FSL & 393' FWL) Sec. 33
Area	Three Rivers	Well	Three Rivers Fed 33-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-44-720 PWB
Facility	Sec.34-T7S-R20E		

### WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	285.091	120.00	Base Gravel
1651.87	9.037	285.091	1650.00	BMSW
3038.25	23.625	285.091	2950.00	Green River Top
4490.33	12.090	285.091	4300.00	Mahogany
5157.80	0.000	285.091	4963.00	Garden Gulch
5312.80	0.000	285.091	5118.00	Lower Green River
7037.80	0.000	285.091	6843.00	Wasatch
7237.80	0.000	285.091	7043.00	TD

**SURFACE USE PLAN**

**Ultra Resources, Inc.  
Three Rivers Fed 34-15-720 Well Pad**

SW/4 SW/4, Section 34, T7S-R20E, SLB&M, Uintah County, Utah

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**Three Rivers 33-48T-720**

SWSW, 296' FSL & 391' FWL, Sec. 34, T7S, R20E (surface)  
SESE, 50' FSL & 660' FEL, Sec. 33, T7S, R20E (target)

**Three Rivers 34-18T-720**

SWSW, 336' FSL & 392' FWL, Sec. 34, T7S, R20E (surface)  
SWSW, 50' FSL & 660' FWL, Sec. 34, T7S, R20E (target)

**Three Rivers 33-44-720**

SWSW, 376' FSL & 393' FWL, Sec. 34, T7S, R20E (surface)  
SESE, 660' FSL & 660' FEL, Sec. 33, T7S, R20E (target)

The onsite inspection for this Ultra Resources, Inc. (Ultra) proposed pad expansion occurred on January 21, 2015. This is a pad expansion of the existing Three Rivers Fed 34-15-720 pad on John & Darla J. Busch (Busch) surface with three additional proposed directional well bores penetrating federal minerals under the management of the BLM – Vernal Field Office. Plat changes and site specific stipulations requested at the federal onsite are reflected within this APD and summarized below.

- Landowner representative present for the onsite (Darla Busch);
- Existing pad expansion and closed loop drilling technology proposed; and
- No issues or concerns presented, no plats changes, no wildlife stipulations.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

**A private surface use agreement is presently in place for the expansion of this pad with affidavit of surface use agreement included within this APD package.**

1. Existing Roads:
  - a. The existing well pad is located approximately 25.6 miles southwest of Vernal, Utah. Maps and directions reflecting the route to the proposed well pad are included (see Topographic maps A and B).
  - b. The UDOT maintained SR-88 would be utilized trending south approximately 11.7 to a point where the existing lease access road trends east then north approximately 200 feet to the existing Three Rivers Fed 34-15-720 well pad.
  - c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used

Ultra Resources, Inc.  
Surface Use Plan  
Three Rivers Fed 34-15-720 Well Pad  
Uintah County, UT

as necessary to maintain a solid running surface and minimize dust generation.

- d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- e. The use of roads under State Road Department maintenance is necessary to access the project area with no improvements proposed. A UDOT road encroachment permit is not required.
- f. All existing roads would be maintained and kept in good repair during all phases of operation.

2. New or Reconstructed Access Roads:

- a. No new or reconstructed access road is proposed. The existing access will be utilized to the existing Three Rivers Fed 34-15-720 well pad area.

3. Location of Existing Wells:

- a. Topographic map C reflects the wells with surface hole locations within a one-mile radius of the proposed pad.

4. Location of Existing and/or Proposed Production Facilities:

- a. Surface facilities for each well on this pad will consist of a wellhead, separator, gas meter, (1) 500 gal methanol tank, (2-6) 500 bbl oil tanks, (1-3) 500 bbl water tank, (1) 1000 gal propane tank, a pumping unit, Roto-flex unit, electric submersible pump, or gas lift unit with a natural gas fired motor, solar panels, solar chemical and methanol pumps, recycle pump and one heat trace pump. With multiple wells on a single pad, facilities will increase proportionally.
- b. Most wells would be fitted with a pump jack or Roto-flex unit or gas lift to assist liquid production if liquid volumes and/or low formation pressures require it. The prime mover for pump jacks or Roto-flex units would be small (75 horsepower or less), natural gas-fired internal combustion engines or electric motor where applicable. If a gas lift is installed, it would be set on a 10 ft x 15 ft pad and the prime mover would be a natural gas-fired internal combustion engine rated at 200 horsepower or less or an electric compressor of similar horsepower powered by a generator.
- c. The pad would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid

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hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.

- d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.
- f. No new pipeline is proposed. The existing pipeline will be utilized to the existing Three Rivers Fed 34-15-720 well pad area.
- g. All permanent above-ground structures would be painted a flat, non-reflective covert green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- h. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.
- i. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. Location and Types of Water Supply:

- a. Water for the drilling and completion would be trucked from any of the following locations:

Water Right No.	Applicant	Allocation	Date	Point of Diversion	Source
43-10988 (F72511)	Target Trucking	0.25 cfs or 38.023 acre-feet	12/16/1999	Water Well	Ouray Brine Plant

- b. No new water well is proposed with this application.

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- c. Should additional water sources be pursued they would be properly permitted through the State of Utah – Division of Water Rights.
  - d. Water use would vary in accordance with the formations to be drilled but would be up to approximately five acre feet for drilling and completion operations.
6. Source of Construction Materials:
- a. The use of materials would conform to 43 CFR 3610.2-3.
  - b. No construction materials would be removed from the lease area.
  - c. If any additional gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.
7. Methods of Handling Waste:
- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.

Closed Loop Drilling System

- b. The cuttings would be stored on location in a cuttings containment area and would be buried on-site or hauled to a state-approved disposal facility. If buried on-site, all free fluids would be removed to the extent recoverable and the contents would be solidified, encapsulating the contents within the liner.
- c. The cuttings containment area would be lined with 20 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the containment area walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit.
- d. Cuttings would be contained onsite for a period not to exceed 90 days, weather permitting.
- e. To deter livestock from entering the containment area, the three sides exterior to the location would be fenced before drilling starts. Following the conclusion of drilling and completion activities, the fourth side would also be fenced.

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Conventional Drilling System

- f. In the event closed loop drilling is not employed, the cuttings would be placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids.
- g. The reserve pit would be constructed so as not to leak, break or allow any discharge.
- h. The reserve pit would be lined with 20 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the reserve pit at all times.
- i. To deter livestock from entering the pit, the three sides exterior to the location would be fenced before drilling starts. Following the conclusion of drilling and completion activities, the fourth side would also be fenced.
- j. Drill cuttings would be contained in the pit for a period not to exceed six months, and then be buried onsite, weather permitting
- k. Hydrocarbons would be removed from the reserve pit as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

Other

- l. Produced fluids from the wells other than water would be decanted into steel test tank(s) until such time as construction of production facilities is completed. Any oil that may be accumulated would be transferred to a permanent production tank. Produced water may be used in further drilling and completion activities, evaporated in the pit, or would be hauled to one of the following state-approved disposal facilities:

<b>Disposal Facilities</b>
1. RNI Industries, Inc. – Pleasant Valley Disposal Pits, Sec. 25, 26, 35 & 36, T4S-R3W
2. Pro Water LLC – Blue Bench 13-1 Disposal Well (43-013-30971) NENE, Sec. 13, T3S-R5W
3. RN Industries, Inc. – Bluebell Disposal Ponds, Sec. 2, 4 & 9, T2S-R2W
4. Water Disposal, Inc. – Harmston 1-32-A1 Disposal Well (43-013-30224), UTR #00707, Sec. 32, T1S-R1W
5. Unified Water Pits – Sec. 31, T2S-R4W

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Disposal Facilities
6. Iowa Tank Line Pits – 8500 BLM Fence Road, Pleasant Valley

- g. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- h. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Uintah, Utah.
- i. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, Ultra could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO<sub>2</sub> gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- j. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the corridor and well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up daily.
- k. Sanitary waste equipment and trash bins would be removed from the Project Area following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- l. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event the flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. Ultra would flow back as much fluid and gas as possible into

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pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances Ultra proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the pits or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.

m. Hydrocarbons would be removed from the pit or tank area as soon as practical. In the event immediate removal is not practical, the pit or tanks would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- b. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. The well pad could include up to five single wide mobile homes or fifth wheel campers/trailers.
- c. No new power line is proposed. The previously approved power line will be utilized to the existing Three Rivers Fed 34-15-720 pad area.
- d. Until electrical power is installed, it is likely that 60-150 kilowatt diesel or natural-gas fired engines would be located on site to provide the needed power.

9. Well Site Layout:

- a. The wells would be properly identified in accordance with 43 CFR 3162.6.
- b. The pad layout, cross section diagrams and rig layout are enclosed (see Figures 1 and 2).
- c. The pad and road designs are consistent with industry specifications.
- d. The pad expansion has been staked at its maximum size of 350 feet by 177 feet with a 90 foot by 50 foot pit area. See section 12.i below for disturbance estimates.
- e. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.

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- f. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by Ultra as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- g. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- h. Diversion ditches would be constructed, if necessary, around the pad area to prevent surface waters from entering the pad area.
- i. Water application may be implemented if necessary to minimize the amount of fugitive dust.
- j. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

10. Plan for Surface Reclamation:

- a. A site specific reclamation plan would be submitted, if requested, within 90 days of location construction to the surface managing agency.
- b. Site reclamation would be accomplished for portions of the well pad not required for the continued operation of the wells on this pad within six months of completion, weather permitting.
- c. The operator would control noxious weeds along access road use authorizations and well pad by spraying or mechanical removal, according to the Utah Noxious Weed Act and as set forth in the approved surface damage agreements.
- d. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location. Upon well completion, any hydrocarbons in the pits shall be removed in accordance with 43 CFR 3162.7-1. The pits would be allowed to dry prior to the commencement of backfilling work. No attempts would be made to backfill the pits until it is free of standing water. Once dry, the liner would be torn and perforated before backfilling.
- e. Reclamation activities will require a minor amount of additional disturbance (estimated at 0.5 acres or less) to allow for equipment to access and push the topsoil and subsoil piles.

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- f. The pits and that portion of the location not needed for production facilities/operations would be recontoured to the approximate natural contours. Areas not used for production purposes would be backfilled and blended into the surrounding terrain, reseeded and erosion control measures installed. Mulching, erosion control measures and fertilization may be required to achieve acceptable stabilization. Back slopes and fore slopes would be reduced as practical and scarified with the contour. The reserved topsoil would be evenly distributed over the slopes and scarified along the contour. Slopes would be seeded with the landowner specified seed mix.
- g. Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the landowner prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

11. Surface and Mineral Ownership:

- a. Surface ownership – John & Darla J. Busch - 1293 South Vernal Avenue, Vernal, Utah 84078 (435-828-8003)
- b. Mineral ownership – Federal under the management of the BLM, Vernal Field Office.

12. Other Information:

- a. Montgomery Archeological Consultants, Inc. has conducted a Class III archeological clearance. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery Archeological Consultants, Inc. with the cover page of the report included with this APD submittal.
- b. Uinta Paleontological Associates, Inc. has conducted a paleontological clearance. A copy of the report has been submitted under separate cover to the appropriate agencies by Uinta Paleontological Associates, Inc. with the cover page of the report included with this APD submittal.
- c. Grasslands Consulting, Inc. has conducted a biological clearance. A copy of the report has been submitted under separate cover to the appropriate agencies by Grasslands Consulting, Inc. with the cover page of the report included with this APD submittal.
- d. Ultra would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.

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- e. Project personnel and contractors would be educated on and subject to the following requirements:
  - No dogs or firearms within the Project Area.
  - No littering within the Project Area.
  - Smoking within the Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders.
  - Campfires or uncontained fires of any kind would be prohibited.
  - Portable generators used in the Project Area would have spark arrestors.
  
- f. Ultra will commit to the following Best Management Practices during the construction, drilling and production of the wells:
  - As necessary during construction operations, appropriate BMP sedimentation controls would be utilized at areas susceptible to erosion.
  - Energy dissipaters, such as straw bales and silt fences, would be utilized where the possibility of erosional down-cutting exists. These structures would be installed prior to construction, and would be left in place and maintained for the life of the project or until the adjacent disturbed slopes have re-vegetated and stabilized.
  - Project vehicles would be restricted to use of the project-related travel routes and surfaces along approved travel routes.
  - Re-grading and watering of the access routes would be performed by Ultra following inclement weather conditions.
  
- g. Ultra will commit to the following measures to reduce emissions and minimize impacts to Air Quality:
  - All internal combustion equipment would be kept in good working order.
  - Water or other approved dust suppressants would be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase to control fugitive dust from truck traffic.
  - Open burning of garbage or refuse would not occur at well sites or other facilities.
  - Drill rigs would be equipped with Tier II or better diesel engines, if available.
  - Low bleed pneumatics would be installed on separator dump valves and other controllers. The use of low bleed pneumatics would result in a lower emission of VOCs.
  - During completion, flaring would be limited as much as possible. Production equipment and gathering lines would be installed as soon as possible.

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- Telemetry will be installed to remotely monitor and control production. This will reduce truck traffic and decrease associated dust and tailpipe emissions.
- Signs will be installed on the access road, reducing speed to 25 MPH, during the drilling phase to decrease fugitive dust from truck traffic.

h. Ultra Representatives:

Kelly Bott 303-645-9809 (office)  
Regulatory and Environmental Manager  
304 Inverness Way South, Suite 295  
Englewood, CO 80112 kbott@ultrapetroleum.com

Jenna Anderson 303-645-9804 (office)  
Permitting Specialist  
304 Inverness Way South, Suite 295  
Englewood, CO 80112 janderson@ultrapetroleum.com

John Busch 435-299-0617 (mobile)  
Field Superintendent  
1293 South Vernal Avenue  
Vernal, Utah 84078 jbusch@ultrapetroleum.com

Don Hamilton 435-650-3866 (office)  
Permitting Agent 435-650-3866 (mobile)  
Star Point Enterprises  
2580 Creekview Road,  
Moab, Utah 84532 starpoint@etv.net

i. Disturbance estimates:

**Approximate Acreage Disturbances**

Pad Expansion		2.01	acres
Access	0 feet	0.0	acres
Pipeline	0 feet	0.0	acres
Power line	0 feet	0.0	acres

**Total 2.01 acres**

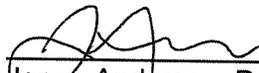
Ultra Resources, Inc.  
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OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Ultra Resources, Inc. federal nationwide bond. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this                    16th day of February, 2015  
Name:                            Jenna Anderson  
Position Title:                Permitting Specialist  
Address:                        304 Inverness Way South, Suite 295  
                                     Englewood, CO 80112  
Telephone:                    303-645-9804 (office)  
E-mail:                         janderson@ultrapetroleum.com

  
\_\_\_\_\_  
Jenna Anderson, Permitting Specialist

CULTURAL RESOURCE INVENTORY OF  
ULTRA RESOURCES' PROPOSED 11 WELLS  
ON FOUR PADS: **THREE RIVERS FEDERAL 34-15-720 PAD**  
33-44-720, 33-48T-720 & 34-18T-720;  
**THREE RIVERS FEDERAL 34-23-720 PAD** 34-14T-720,  
34-23L-720 & 34-24T-720; **THREE RIVERS FEDERAL 34-25-720 PAD**  
3-21-820 & 3-21T-820; AND **THREE RIVERS FEDERAL 34-33A-720 PAD**  
34-33A-720, 34-34-720 & 34-36T-720, UINTAH COUNTY, UTAH  
(T7S, R20E, SECTION 34)



# Grasslands Consulting, Inc.

611 Corporate Circle, Suite H, Golden, CO 80401  
(303) 759-5377 Office (303) 759-5324 Fax

## SPECIAL STATUS PLANT SPECIES REPORT

**Report Number:** Ultra-34

**Report Date:** February 6, 2015

**Operator:** Ultra Resources, Inc.

**Operator Contact:** Jenna Anderson (janderson@ultrapetroleum.com; 303-645-9804)

**Proposed Project:** Construction of proposed Three Rivers Federal 34-33A-720 well pad and expansion of existing Three Rivers 32-35-720, Three Rivers Federal 34-15-720, Three Rivers Federal 34-23-720, and Three Rivers Federal 34-25-720 well pads and associated access roads, pipelines, and power lines to accommodate following well bores:

<b>Well Pad Name:</b>	<b>Associated Well Bores:</b>
Three Rivers Federal 34-23-720	Three Rivers Federal 34-24T-720, 34-14T-720, & 34-23L-720
Three Rivers Federal 34-33A-720	Three Rivers Federal 34-33A-720, 34-36T-720, & 34-34-720
Three Rivers Federal 34-25-720	Three Rivers Federal 3-21-820 & 3-21T-820
Three Rivers Federal 34-15-720	Three Rivers Federal 33-44-720, 33-48T-720, & 34-18T-720
Three Rivers 32-35-720	Three Rivers Federal 5-21T-820

**Locations:** Sections 32 and 34 of Township 7 South, Range 20 East, Uintah County, Utah

**Survey Type:** Habitat Survey for Federally Listed and BLM Special Status Plant Species

**Survey Dates:** November 26 and December 5, 2014

**Observers:** Grasslands Consulting, Inc. Biologists Kyle Flesness and Leeland Murray

**PRELIMINARY PALEONTOLOGICAL SURVEY REPORT**

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #33-16T-720, #33-133-720, #33-23-720 & #33-26T-720  
IN SECTION 33**

**THREE RIVERS FED #34-33A-720, #34-34-720, #34-36T-720  
IN SECTION 34**

**THREE RIVERS FED #34-15-720 EXP, 33-44-720, 34-18T-720, 33-48T-720**

**THREE RIVERS FED 3-21T-820, 34-25-720 EXP, #3-21-820**

**THREE RIVERS FED 34-23-720 EXP, 34-14T-720, 34-23L-720, 34-24T-720  
TOWNSHIPS 7 & 8 SOUTH, RANGE 20 EAST, SLB&M**

**THREE RIVERS FED #5-21T-820 ON EXISTING 32-35-720 PAD**

**THREE RIVERS FED #5-24-820**

**SECTION 5, TOWNSHIP 8 SOUTH, RANGE 20 EAST, SLB&M**

**BUREAU OF LAND MANAGEMENT  
UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS  
ADMINISTRATION  
UINTAH COUNTY, UTAH**



**JANUARY 6, 2015 REVISED FEBRUARY 6, 2015**

**BLM PERMIT UT06-016C  
UTAH PALEONTOLOGY PERMIT 2014-430, 2015-456**

**Prepared by  
Sue Ann Bilbey, Ph.D., J. Evan Hall, John Bird,  
Jordan M. Hall, Patricia Monaco, and  
Quinn W. Hall  
Uinta Paleontological Associates, Inc.  
P. O. Box 223  
Vernal, Utah 84078  
435-790-2558**

<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: UTU85592
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 33-44-720
3. ADDRESS OF OPERATOR: 116 Inverness Drive East, Suite #400 , Englewood, CO, 80112	9. API NUMBER: 43047552010000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0376 FSL 0393 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 07.0S 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: 1/31/2017	<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 requests an extension on this APD for this well.

**Approved by the**  
**February 01, 2017**  
**Oil, Gas and Mining**

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

**By:**

NAME (PLEASE PRINT) Carla Molliconi	PHONE NUMBER 303-645-9877	TITLE Permit Specialist
SIGNATURE N/A	DATE 1/31/2017	



**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 43047552010000**

API: 43047552010000

Well Name: Three Rivers Fed 33-44-720

Location: 0376 FSL 0393 FWL QTR SWSW SEC 34 TWP 070S RNG 200E MER S

Company Permit Issued to: ULTRA RESOURCES INC

Date Original Permit Issued: 2/18/2015

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: Carla Molliconi

Date: 1/31/2017

Title: Permit Specialist Representing: ULTRA RESOURCES INC