

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Three Rivers 16-22A-820							
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT THREE RIVERS							
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME							
6. NAME OF OPERATOR ULTRA RESOURCES INC						7. OPERATOR PHONE 303 645-9810							
8. ADDRESS OF OPERATOR 304 Inverness Way South #245, Englewood, CO, 80112						9. OPERATOR E-MAIL dghani@ultrapetroleum.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-49319			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>							
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')							
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		1386 FNL 1948 FWL		SENW		16		8.0 S		20.0 E		S	
Top of Uppermost Producing Zone		1980 FNL 1980 FWL		SENW		16		8.0 S		20.0 E		S	
At Total Depth		1980 FNL 1980 FWL		SENW		16		8.0 S		20.0 E		S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1386			23. NUMBER OF ACRES IN DRILLING UNIT 20							
27. ELEVATION - GROUND LEVEL 4758			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion) 4			26. PROPOSED DEPTH MD: 6638 TVD: 6576							
28. BOND NUMBER 022046398			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2262										
Hole, Casing, and Cement Information													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight		
SURF	11	8.625	0 - 103	21.0	J-55 LT&C	8.8	Premium Lite High Strength		80	2.97	11.5		
							Class G		115	1.16	15.8		
PROD	7.875	5.5	0 - 6638	17.0	J-55 LT&C	10.0	Halliburton Light , Type Unknown		175	3.78	10.5		
							Premium Lite High Strength		275	2.31	12.0		
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
NAME Don Hamilton				TITLE Permitting Agent				PHONE 435 719-2018					
SIGNATURE				DATE 02/10/2014				EMAIL starpoint@etv.net					
API NUMBER ASSIGNED 43047542930000						APPROVAL							

Received: March 07, 2014

ULTRA RESOURCES, INC.

MASTER
8 - POINT DRILLING PROGRAM

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

DATED: 02-5-14

Directional Wells located on Ultra leases in
Three Rivers Project:

Three Rivers 16-22A-820

SHL: SENW Sec 16 T8S R20E

Uintah, Utah

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

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

Received: March 04, 2014

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	500' MD / 500' TVD	
Garden Gulch	4,463' MD / 4,401' TVD	Oil & Associated Gas
Lower Green River*	4,608' MD / 4,546' TVD	Oil & Associated Gas
Wasatch	6,438' MD / 6,376' TVD	Oil & Associated Gas
TD	6,638' MD / 6,576' TVD	

Asterisks (*) denotes target pay intervals

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

2. BOP Equipment

- A) The BOPE shall be closed whenever the well is unattended. The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
 - 1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
 - 2) Choke Manifold:
 - 3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
 - 4) Two adjustable chokes will be used in the choke manifold.
 - 5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
 - 6) Pressure gauges in the well control system will be designed for drilling fluid.
- D) BOPE Testing:
 - 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
 - 2) All BOP tests will be performed with a test plug in place.
 - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

INTERVAL

0 1,033 MD / 1, 033' TVD
 1,033 MD / 1, 033' TVD – 6,638' MD / 6,576' 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:

Directional Well	Hole Size	OD	Depth MD/TVD	Wt.	Grade & Connection	Cond.
Surface	11"	8 5/8"	1,033 MD / 1, 033' TVD	24.0 ppf	J-55, LTC	New
Production	7 7/8"	5 1/2"	7,116' MD / 7,077' TVD	17.0 ppf	J-55, LTC	New

CASING SPECIFICATIONS:

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

FLOAT EQUIPMENT:

SURFACE (8 5/8")

Float Shoe, 1 joint casing, float collar
 Centralizers: 1 each 1st 4 Joints then every 4th joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar
 Centralizers: 1 each 1st 4 Joints then every 3rd joint to 500' into surface casing

4. Cementing Programs

CONDUCTOR (13 3/8"):

Ready Mix – Cement to surface

SURFACE (8 5/8")
 Surface – 500'

Cement Top - Surface
 Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess

500' – 1,033 MD / 1, 033' TVD± Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

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

PRODUCTION (5 1/2")

Cement Top – 500'

500' - 3,500'

Lead: 175 sks – ECONOCEM Cement w/ additives, 10.5 ppg, 3,78 cf/sx, 20% excess

3,500' – 6,038' MD / 6,576' TVD Tail: 275 sks, Lightweight Premium Cement w/ additives, 12.0 ppg, 2.31 cf/sk, 20% excess

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
 - 1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
 - 2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
 - 3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work is completed.
 - 4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - 5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
 - 6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

5. Mud Program

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

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,033 MD / 1, 033' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,033 MD / 1, 033' TVD - 6,638' MD / 6,576' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

6. Evaluation Program - Testing, Logging, and Coring

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

7. Anticipated Pressures and H.S.

- A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H₂S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

8. Other Information and Notification Requirements

- A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the **Utah Division of Oil, Gas and Mining**, and the BLM Vernal (when drilling on Federal leases).
 - 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
 - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- B) Notification Requirements for **Utah Division of Oil, Gas and Mining**:
 - **Within 24 hrs. of spud (Carol Daniels at 801/538-5284)**

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

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

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

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

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

- Operator name, address, and telephone number.
- Well name and number.
- Well location (1/4 1/4, Section, Township, Range, and P.M.)
- Date well was placed in a producing status (date of first production for which royalty will be paid).
- The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

Returned Unapproved

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

ULTRA RESOURCES, INC.

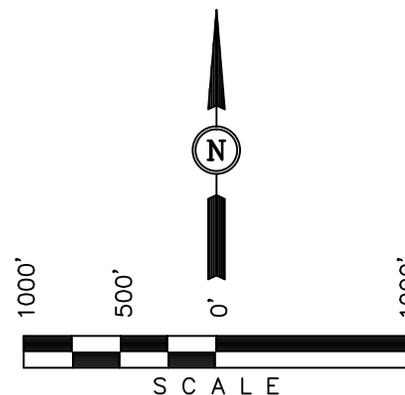
Well location, THREE RIVERS #16-22A-820, located as shown in the SE 1/4 NW 1/4 of Section 16, T8S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

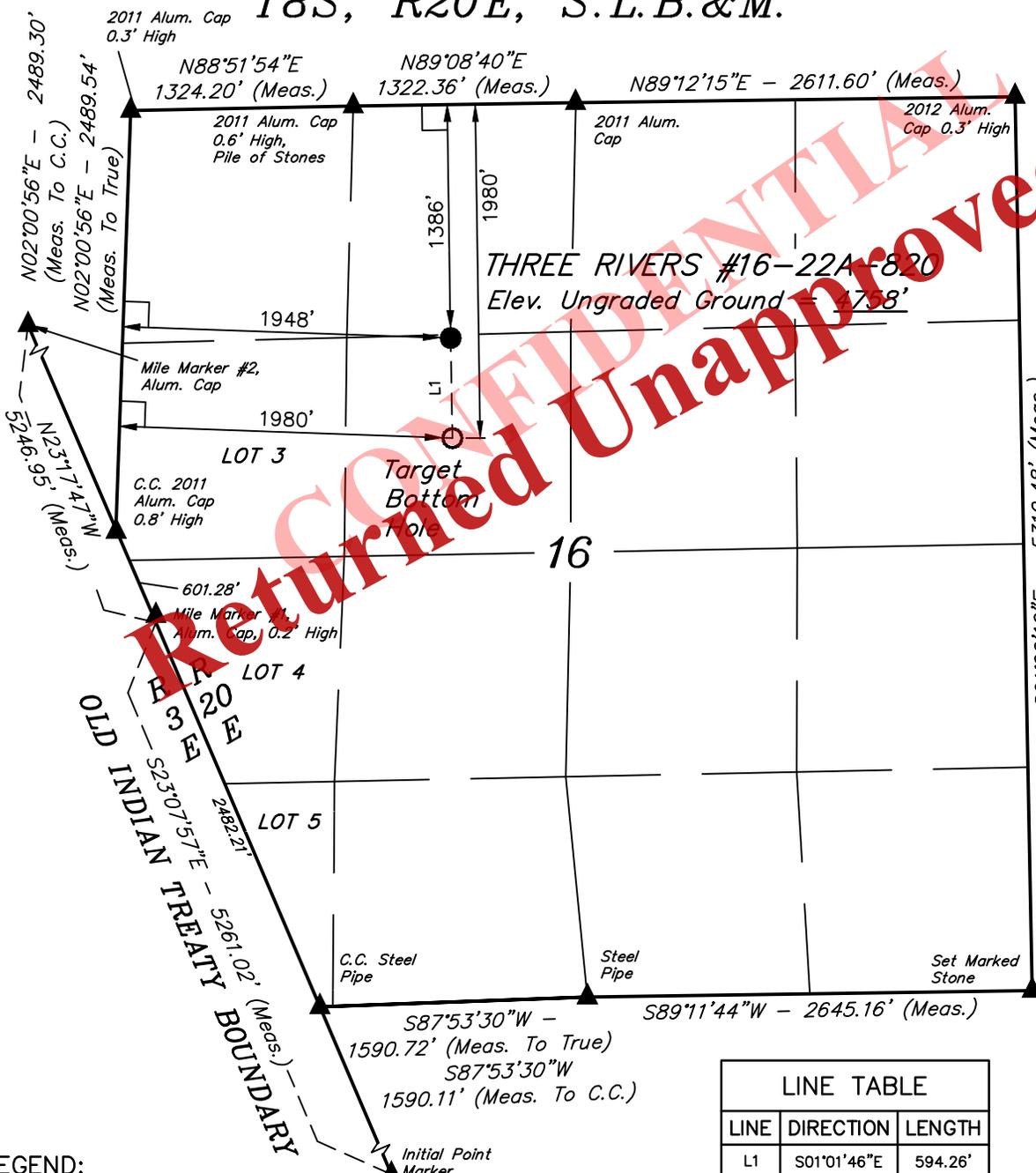
BASIS OF BEARINGS

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



CERTIFICATE

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



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

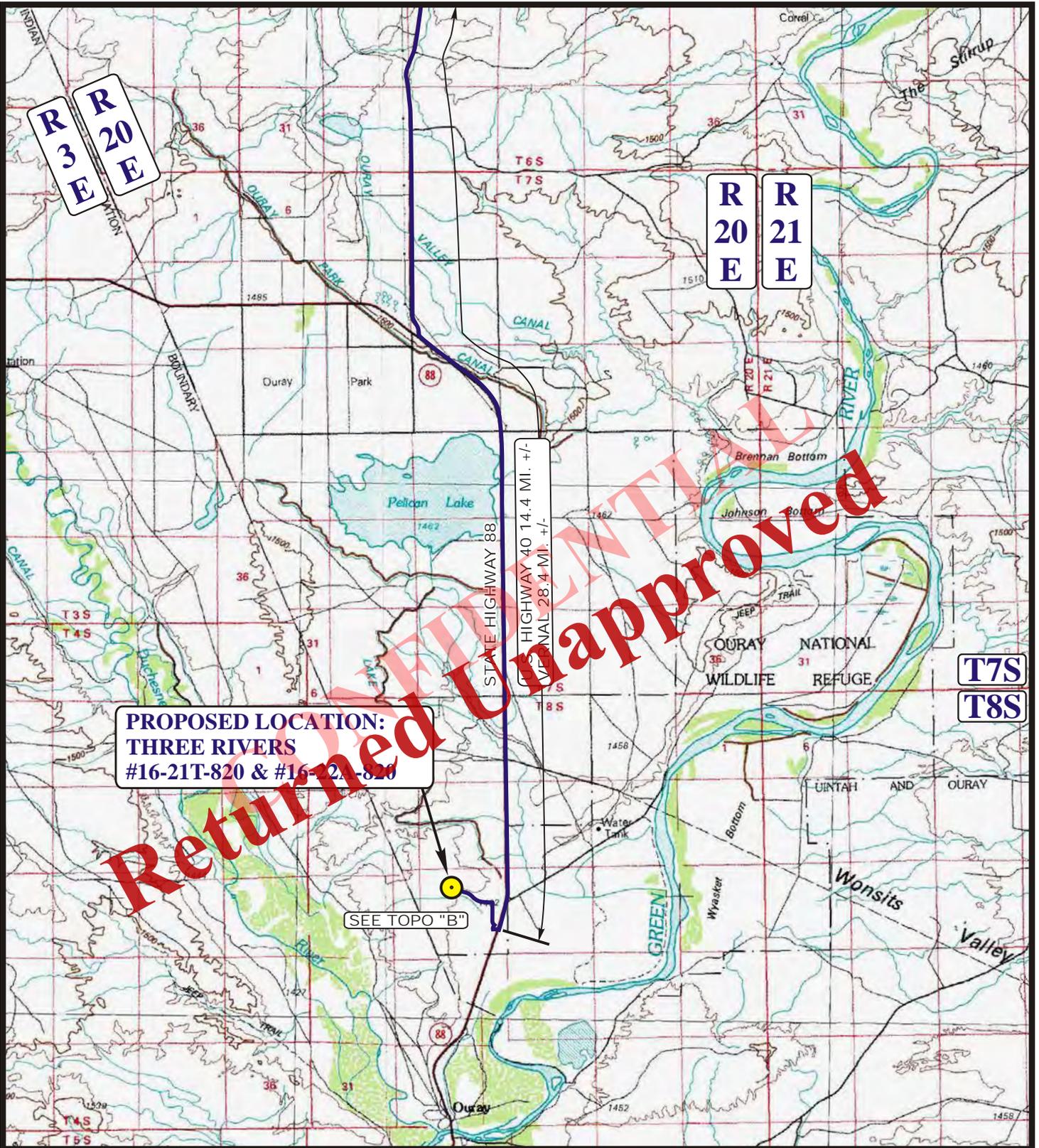
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S01°01'46"E	594.26'

NAD 83 (BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°07'27.71" (40.124364)	LATITUDE	= 40°07'33.58" (40.125994)
LONGITUDE	= 109°40'33.28" (109.675911)	LONGITUDE	= 109°40'33.42" (109.675950)

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

SCALE 1" = 1000'	DATE SURVEYED: 01-13-14	DATE DRAWN: 01-21-14
PARTY B.H. M.P. S.S.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE ULTRA RESOURCES, INC.	

Received: February 10, 2014



**PROPOSED LOCATION:
THREE RIVERS
#16-21T-820 & #16-22A-820**

SEE TOPO "B"

STATE HIGHWAY 88
HIGHWAY 40 14.4 MI. +/-
CANAL 28.4 MI. +/-

LEGEND:

PROPOSED LOCATION



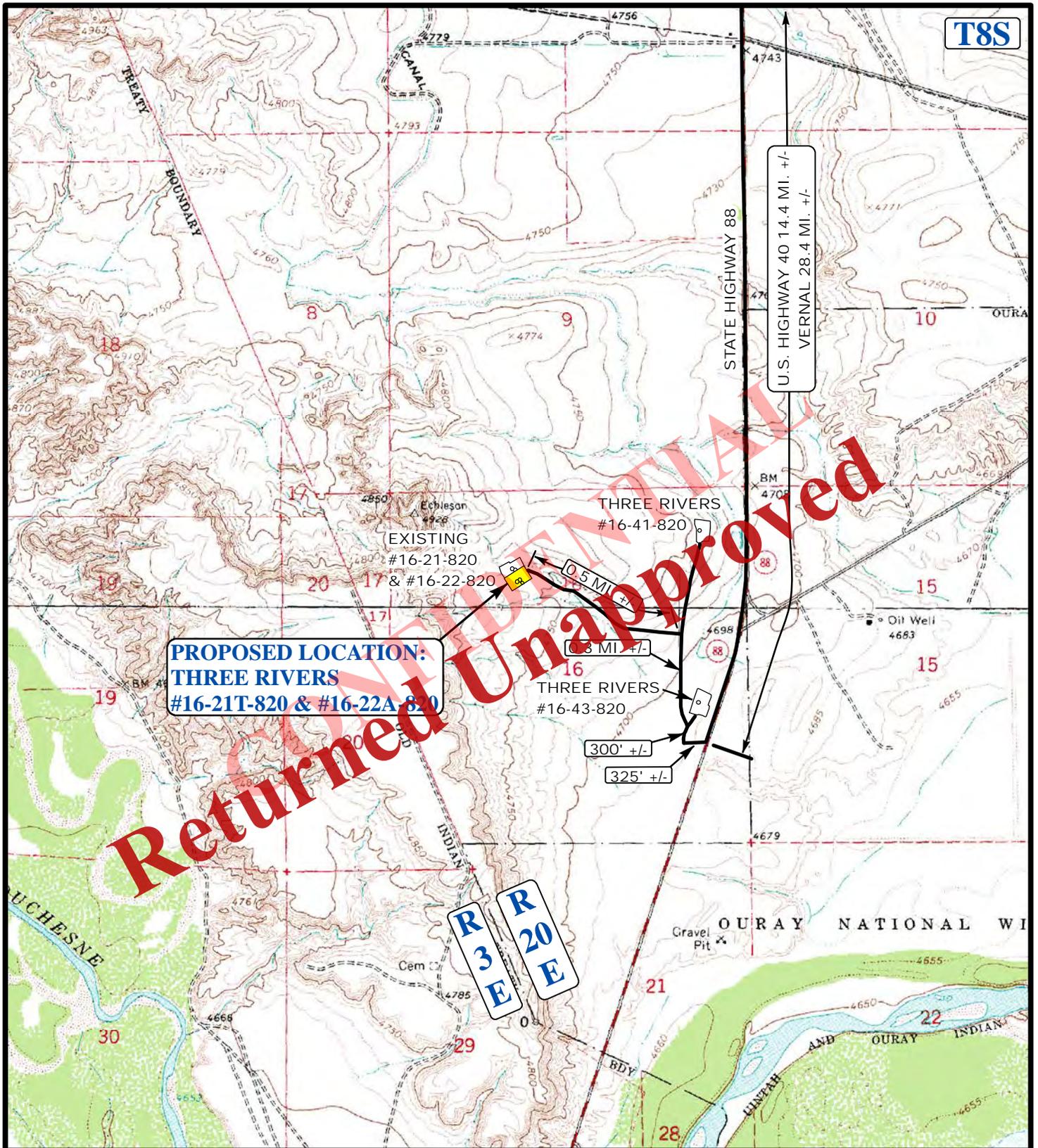
ULTRA RESOURCES, INC.

**THREE RIVERS #16-21T-820 & #16-22A-820
SECTION 16, T8S, R20E, S.L.B.&M.
E 1/2 NW 1/4**



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

ACCESS ROAD MAP	01 MONTH	17 DAY	14 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: L.S.		REVISION: 00-00-00	



T8S

**PROPOSED LOCATION:
THREE RIVERS
#16-21T-820 & #16-22A-820**

STATE HIGHWAY 88
U.S. HIGHWAY 40 14.4 MI. +/-
VERNAL 28.4 MI. +/-

Returned Unapproved

R 3 E
R 20 E

LEGEND:

- EXISTING ROADS
- PROPOSED ACCESS ROAD

ULTRA RESOURCES, INC.

**THREE RIVERS #16-21T-820 & #16-22A-820
SECTION 16, T8S, R20E, S.L.B.&M.
E 1/2 NW 1/4**



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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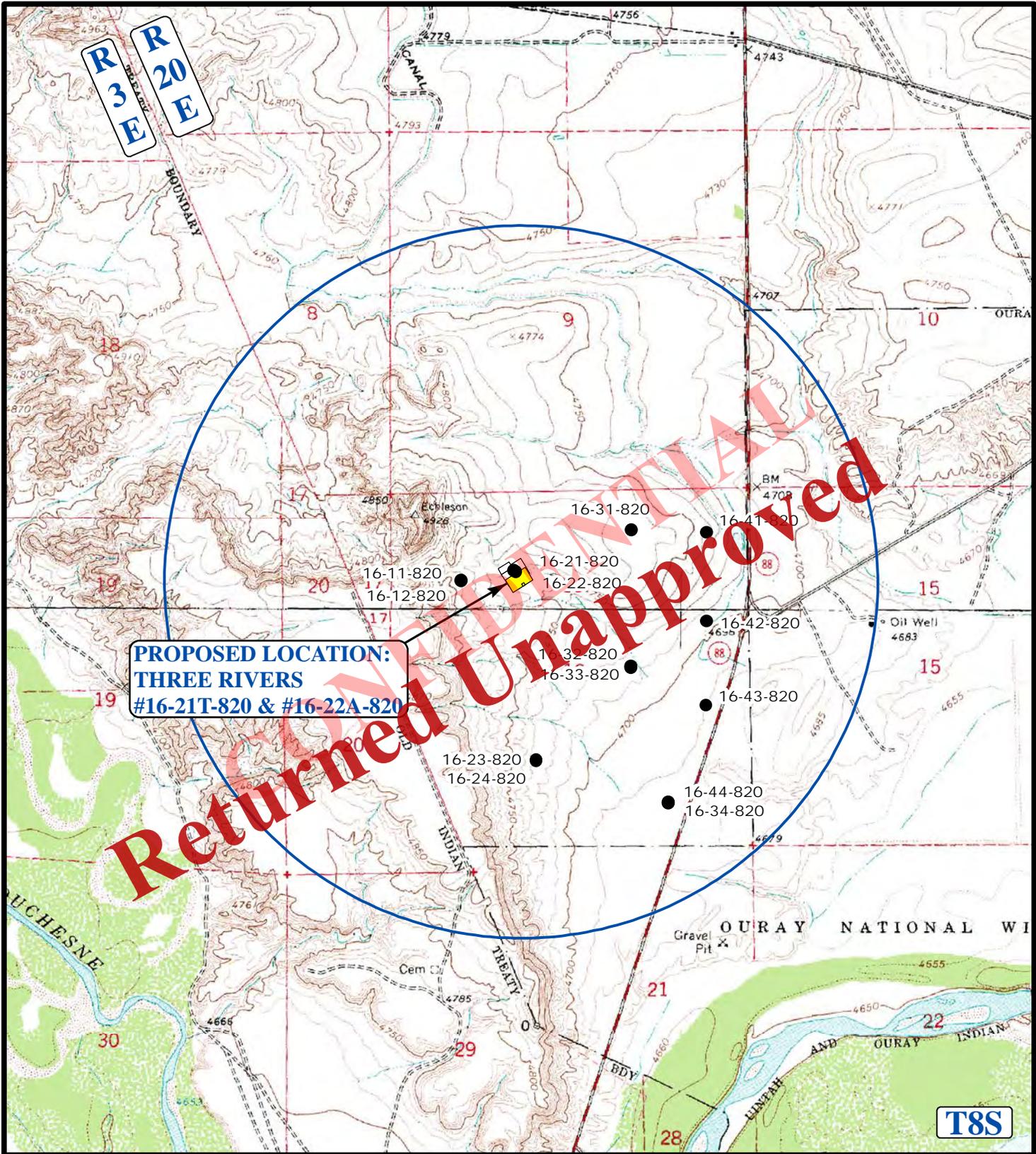
**ACCESS ROAD
MAP**

01	17	14
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: L.S. REVISION: 00-00-00



Received: February 10, 2014



LEGEND:

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

ULTRA RESOURCES, INC.

**THREE RIVERS #16-21T-820 & #16-22A-820
SECTION 16, T8S, R20E, S.L.B.&M.
E 1/2 NW 1/4**

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

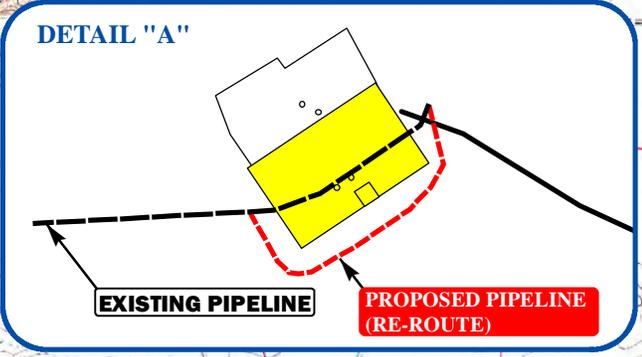


TOPOGRAPHIC MAP
SCALE: 1" = 2000' DRAWN BY: L.S. REVISION: 00-00-00

01 MONTH	17 DAY	14 YEAR
--------------------	------------------	-------------------

C
TOPO

T8S



**PROPOSED LOCATION:
THREE RIVERS
#16-21T-820 & #16-22A-820**

EXISTING THREE RIVERS
#16-21-820 & #16-22-820

THREE RIVERS
#16-41-820

SEE DETAIL "A"

STATE OF UTAH

THREE RIVERS
#16-43-820

Returned Unapproved

R 3 E

R 20 E

APPROXIMATE TOTAL PIPELINE (RE-ROUTE) DISTANCE = 758' +/-

LEGEND:

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

ULTRA RESOURCES, INC.

**THREE RIVERS #16-21T-820 & #16-22A-820
SECTION 16, T8S, R20E, S.L.B.&M.
E 1/2 NW 1/4**



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



**TOPOGRAPHIC
MAP**

02 03 14
MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: L.S. REVISED: 00-00-00

Received: February 10, 2014



ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 16-22A-820 (1386' FNL & 1948' FWL)
 Field: Uintah County Well: Three Rivers 16-22A-820
 Facility: Sec.16-T8S-R20E Wellbore: Three Rivers 16-22A-820 PWB

Targets

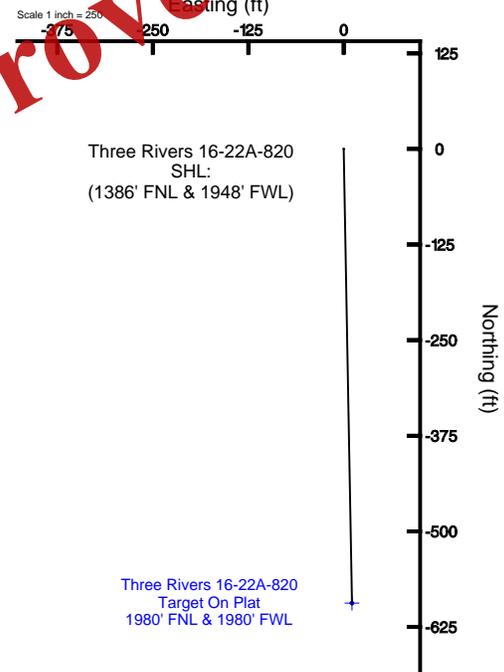
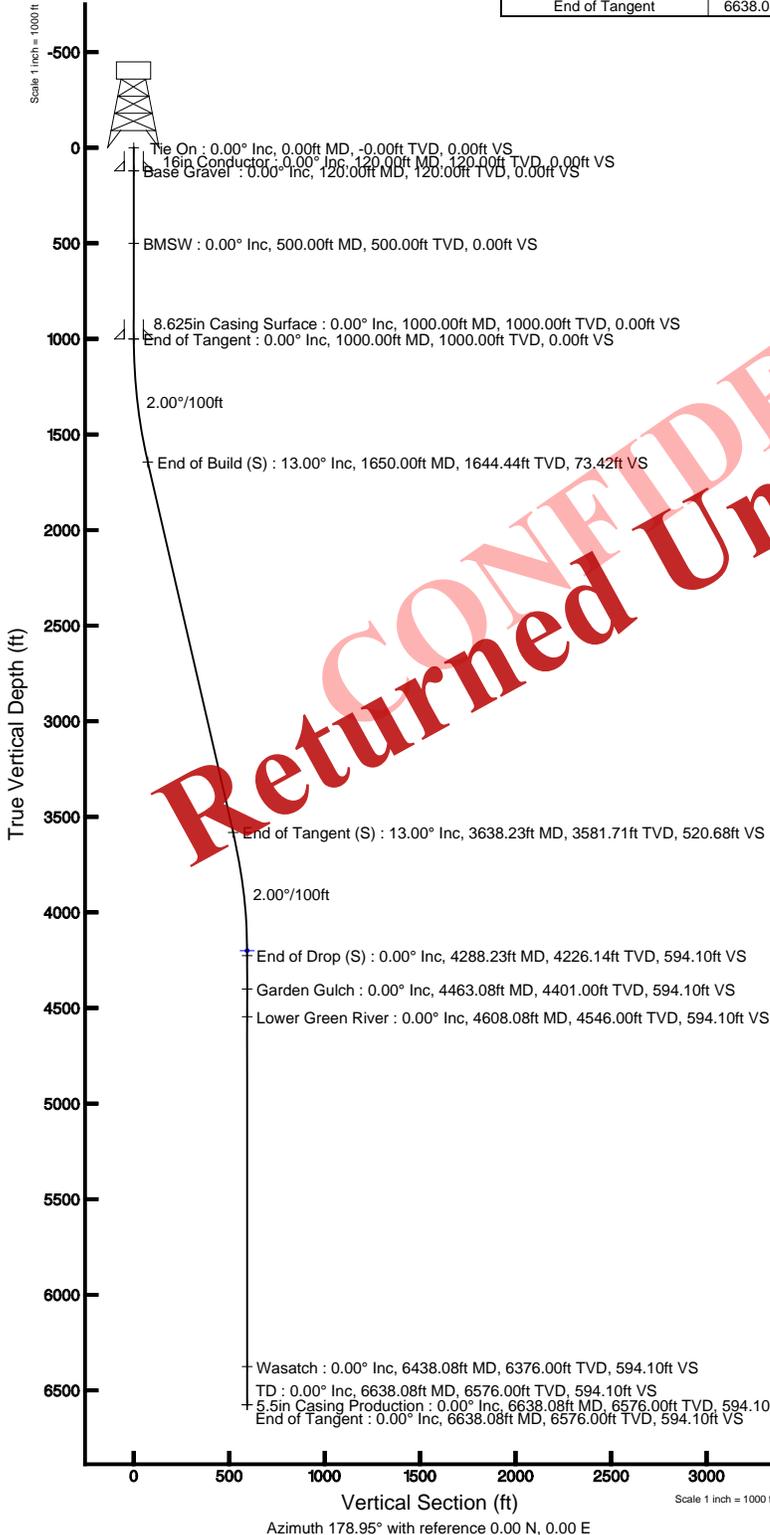
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 16-22A-820 Target On Plat 1980' FNL & 1980' FWL	4200.00	-594.00	10.88	2150450.11	7219224.88	40°07'27.710"N	109°40'33.280"W	

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0.00	0.000	178.951	0.00	0.00	0.00	0.00	0.00
End of Tangent	1000.00	0.000	178.951	1000.00	0.00	0.00	0.00	0.00
End of Build (S)	1650.00	13.000	178.951	1644.44	-73.41	1.34	2.00	73.42
End of Tangent (S)	3638.23	13.000	178.951	3581.71	-520.59	9.53	0.00	520.68
End of Drop (S)	4288.23	0.000	178.951	4226.14	-594.00	10.88	2.00	594.10
End of Tangent	6638.08	0.000	178.951	6576.00	-594.00	10.88	0.00	594.10

Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude		
Sec.16-T8S-R20E	2150450.025	7217204.539	40°07'27.720"N	109°40'31.370"W		
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 16-22A-820 (1386' FNL & 1948' FWL)	2017.56	-158.54	2150427.131	7219818.496	40°07'33.580"N	109°40'33.420"W
Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) RT to Mud line (At Slot: Three Rivers 16-22A-820 (1386' FNL & 1948' FWL))					4758ft	
Mean Sea Level to Mud line (At Slot: Three Rivers 16-22A-820 (1386' FNL & 1948' FWL))					0ft	
Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) RT to Mean Sea Level					4758ft	
Plot reference wellbore is Three Rivers 16-22A-820 PWB						
True vertical depths are referenced to Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) (RT)					Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet	
Measured depths are referenced to Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) (RT)					North Reference: True north	
Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) (RT) to Mean Sea Level: 4758 feet					Scale: True distance	
Mean Sea Level to Mud line (At Slot: Three Rivers 16-22A-820 (1386' FNL & 1948' FWL)): 0 feet					Depths are in feet	
Coordinates are in feet referenced to Slot					Created by: welliams on 2/5/2014	



CONFIDENTIAL
 Returned Unapproved



Planned Wellpath Report

Three Rivers 16-22A-820 PWP

Page 1 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-22A-820 (1386' FNL & 1948' FWL)
Area	Three Rivers	Well	Three Rivers 16-22A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-22A-820 PWB
Facility	Sec.16-T8S-R20E		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999912	Report Generated	2/5/2014 at 2:22:31 PM
Convergence at slot	1.17° East	Database/Source file	WellArchitectDB/Three_Rivers_16-22A-820_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	2617.96	-158.54	2150427.13	7219818.49	40°07'33.580"N	109°40'33.420"W
Facility Reference Pt			2150639.03	7217204.54	40°07'07.709"N	109°40'31.379"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) (RT)	Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) (RT) to Mud Line at Slot (Three Rivers 16-22A-820 (1386' FNL & 1948' FWL))
MD Reference Pt	Rig on Three Rivers 16-22A-820 (1386' FNL & 1948' FWL) (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth

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Planned Wellpath Report

Three Rivers 16-22A-820 PWP
Page 2 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-22A-820 (1386' FNL & 1948' FWL)
Area	Three Rivers	Well	Three Rivers 16-22A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-22A-820 PWB
Facility	Sec.16-T8S-R20E		

WELLPATH DATA (75 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	178.951	0.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
100.00†	0.000	178.951	100.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
120.00†	0.000	178.951	120.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	Base Gravel
200.00†	0.000	178.951	200.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
300.00†	0.000	178.951	300.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
400.00†	0.000	178.951	400.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
500.00†	0.000	178.951	500.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	BMSW
600.00†	0.000	178.951	600.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
700.00†	0.000	178.951	700.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
800.00†	0.000	178.951	800.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
900.00†	0.000	178.951	900.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
1000.00	0.000	178.951	1000.00	0.00	0.00	0.00	40°07'33.580"N	109°40'33.420"W	0.00	
1100.00†	2.000	178.951	1099.98	1.75	-1.74	0.03	40°07'33.563"N	109°40'33.420"W	2.00	
1200.00†	4.000	178.951	1199.84	6.98	-6.98	0.13	40°07'33.511"N	109°40'33.418"W	2.00	
1300.00†	6.000	178.951	1299.45	15.69	-15.69	0.29	40°07'33.425"N	109°40'33.416"W	2.00	
1400.00†	8.000	178.951	1398.70	27.88	-27.88	0.51	40°07'33.305"N	109°40'33.413"W	2.00	
1500.00†	10.000	178.951	1497.47	43.52	-43.52	0.80	40°07'33.150"N	109°40'33.410"W	2.00	
1600.00†	12.000	178.951	1595.62	62.60	-62.59	1.15	40°07'32.961"N	109°40'33.405"W	2.00	
1650.00	13.000	178.951	1644.44	73.42	-73.41	1.34	40°07'32.855"N	109°40'33.403"W	2.00	
1700.00†	13.000	178.951	1693.16	84.67	-84.66	1.55	40°07'32.743"N	109°40'33.400"W	0.00	
1800.00†	13.000	178.951	1790.59	107.17	-107.15	1.96	40°07'32.521"N	109°40'33.395"W	0.00	
1900.00†	13.000	178.951	1888.03	129.66	-129.64	2.37	40°07'32.299"N	109°40'33.389"W	0.00	
2000.00†	13.000	178.951	1985.47	152.16	-152.13	2.79	40°07'32.077"N	109°40'33.384"W	0.00	
2100.00†	13.000	178.951	2082.90	174.65	-174.62	3.20	40°07'31.854"N	109°40'33.379"W	0.00	
2200.00†	13.000	178.951	2180.34	197.15	-197.11	3.61	40°07'31.632"N	109°40'33.374"W	0.00	
2300.00†	13.000	178.951	2277.78	219.64	-219.61	4.02	40°07'31.411"N	109°40'33.368"W	0.00	
2400.00†	13.000	178.951	2375.21	242.14	-242.10	4.43	40°07'31.188"N	109°40'33.363"W	0.00	
2500.00†	13.000	178.951	2472.65	264.63	-264.59	4.84	40°07'30.965"N	109°40'33.358"W	0.00	
2600.00†	13.000	178.951	2570.09	287.13	-287.08	5.26	40°07'30.743"N	109°40'33.352"W	0.00	
2700.00†	13.000	178.951	2667.53	309.62	-309.57	5.67	40°07'30.521"N	109°40'33.347"W	0.00	
2800.00†	13.000	178.951	2764.96	332.12	-332.06	6.08	40°07'30.299"N	109°40'33.342"W	0.00	
2900.00†	13.000	178.951	2862.40	354.61	-354.55	6.49	40°07'30.076"N	109°40'33.336"W	0.00	
3000.00†	13.000	178.951	2959.84	377.11	-377.05	6.90	40°07'29.854"N	109°40'33.331"W	0.00	
3100.00†	13.000	178.951	3057.27	399.60	-399.54	7.32	40°07'29.632"N	109°40'33.326"W	0.00	
3200.00†	13.000	178.951	3154.71	422.10	-422.04	7.73	40°07'29.409"N	109°40'33.321"W	0.00	
3300.00†	13.000	178.951	3252.15	444.59	-444.52	8.14	40°07'29.187"N	109°40'33.315"W	0.00	
3400.00†	13.000	178.951	3349.58	467.09	-467.01	8.55	40°07'28.965"N	109°40'33.310"W	0.00	
3500.00†	13.000	178.951	3447.02	489.58	-489.50	8.96	40°07'28.743"N	109°40'33.305"W	0.00	
3600.00†	13.000	178.951	3544.46	512.08	-511.99	9.37	40°07'28.520"N	109°40'33.299"W	0.00	
3638.23	13.000	178.951	3581.71	534.68	-530.59	9.53	40°07'28.435"N	109°40'33.297"W	0.00	
3700.00†	11.765	178.951	3642.04	557.27	-553.83	9.77	40°07'28.305"N	109°40'33.294"W	2.00	
3800.00†	9.765	178.951	3740.28	580.80	-552.60	10.12	40°07'28.120"N	109°40'33.290"W	2.00	
3900.00†	7.765	178.951	3838.50	604.33	-567.74	10.39	40°07'27.970"N	109°40'33.286"W	2.00	
4000.00†	5.765	178.951	3936.71	627.86	-579.62	10.61	40°07'27.853"N	109°40'33.283"W	2.00	
4100.00†	3.765	178.951	4035.05	651.39	-587.82	10.76	40°07'27.771"N	109°40'33.281"W	2.00	

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Planned Wellpath Report

Three Rivers 16-22A-820 PWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-22A-820 (1386' FNL & 1948' FWL)
Area	Three Rivers	Well	Three Rivers 16-22A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-22A-820 PWB
Facility	Sec.16-T8S-R20E		

WELLPATH DATA (75 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4200.00†	1.765	178.951	4137.93	592.74	-592.64	10.85	40°07'27.723"N	109°40'33.280"W	2.00	
4288.23	0.000	178.951	4226.14†	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	2.00	
4300.00†	0.000	178.951	4237.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
4400.00†	0.000	178.951	4337.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
4463.08†	0.000	178.951	4401.00	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	Garden Gulch
4500.00†	0.000	178.951	4437.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
4600.00†	0.000	178.951	4537.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
4608.08†	0.000	178.951	4546.00	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	Lower Green River
4700.00†	0.000	178.951	4637.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
4800.00†	0.000	178.951	4737.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
4900.00†	0.000	178.951	4837.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5000.00†	0.000	178.951	4937.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5100.00†	0.000	178.951	5037.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5200.00†	0.000	178.951	5137.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5300.00†	0.000	178.951	5237.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5400.00†	0.000	178.951	5337.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5500.00†	0.000	178.951	5437.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5600.00†	0.000	178.951	5537.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5700.00†	0.000	178.951	5637.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5800.00†	0.000	178.951	5737.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
5900.00†	0.000	178.951	5837.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
6000.00†	0.000	178.951	5937.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
6100.00†	0.000	178.951	6037.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
6200.00†	0.000	178.951	6137.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
6300.00†	0.000	178.951	6237.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
6400.00†	0.000	178.951	6337.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
6438.08†	0.000	178.951	6376.00	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	Wasatch
6500.00†	0.000	178.951	6437.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
6600.00†	0.000	178.951	6537.92	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	
6638.08	0.000	178.951	6576.00	594.10	-594.00	10.88	40°07'27.710"N	109°40'33.280"W	0.00	TD

HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers 16-22A-820 PWB Ref Wellpath: Three Rivers 16-22A-820 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interpol [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	0.00	120.00	120.00	0.00	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	0.00	1000.00	1000.00	0.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	6338.08	5638.08	1000.00	6576.00	0.00	0.00	-594.00	10.88
5.5in Casing Production	0.00	6638.08	6638.08	0.00	6576.00	0.00	0.00	-594.00	10.88

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Planned Wellpath Report

Three Rivers 16-22A-820 PWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-22A-820 (1386' FNL & 1948' FWL)
Area	Three Rivers	Well	Three Rivers 16-22A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-22A-820 PWB
Facility	Sec.16-T8S-R20E		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers 16-22A-820 Target On Plat 1980' FNL & 1980' FWL		4200.00	-594.00	10.88	2150450.11	7219224.88	40°07'27.710"N	109°40'33.280"W	point

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Planned Wellpath Report
 Three Rivers 16-22A-820 PWP
 Page 5 of 5


REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-22A-820 (1386' FNL & 1948' FWL)
Area	Three Rivers	Well	Three Rivers 16-22A-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-22A-820 PWB
Facility	Sec.16-T8S-R20E		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	178.951	120.00	Base Gravel
500.00	0.000	178.951	500.00	BMSW
4463.08	0.000	178.951	4401.00	Garden Gulch
4608.08	0.000	178.951	4546.00	Lower Green River
6438.08	0.000	178.951	6376.00	Wasatch
6638.08	0.000	178.951	6576.00	TD

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2580 Creekview Road
Moab, Utah 84532
435/719-2018

February 13, 2014

Mrs. Diana Mason
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Ultra Resources, Inc. **Three Rivers 16-22A-820**
Surface Location: 1386' FNL & 1948' FWL, SE/4 NW/4, Section 16, T8S, R20E,
Target Location: 1980' FNL & 1980' FWL, SE/4 NW/4, Section 16, T8S, R20E,
SLB&M, Uintah County, Utah

Dear Diana:

Ultra Resources, Inc. respectfully submits this request for exception to spacing (R649-3-11) based on geology since the well is located less than 460 feet to the drilling unit boundary. Ultra Resources, Inc. is the only owner and operator within 460 feet of the surface and target location as well as all points along the intended well bore path, and neither the surface nor target locations are within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact Debbie Ghani of Ultra Resources, Inc. at 303-645-9810 or myself should you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink that reads "Don Hamilton".

Don Hamilton
Agent for Ultra Resources, Inc.

cc: Cally McKee, Ultra Resources, Inc.
Debbie Ghani, Ultra Resources, Inc.

Received: February 13, 2014

ULTRA RESOURCES, INC.

LOCATION LAYOUT FOR

THREE RIVERS #16-21T-820 & #16-22A-820

SECTION 16, T8S, R20E, S.L.B.&M.

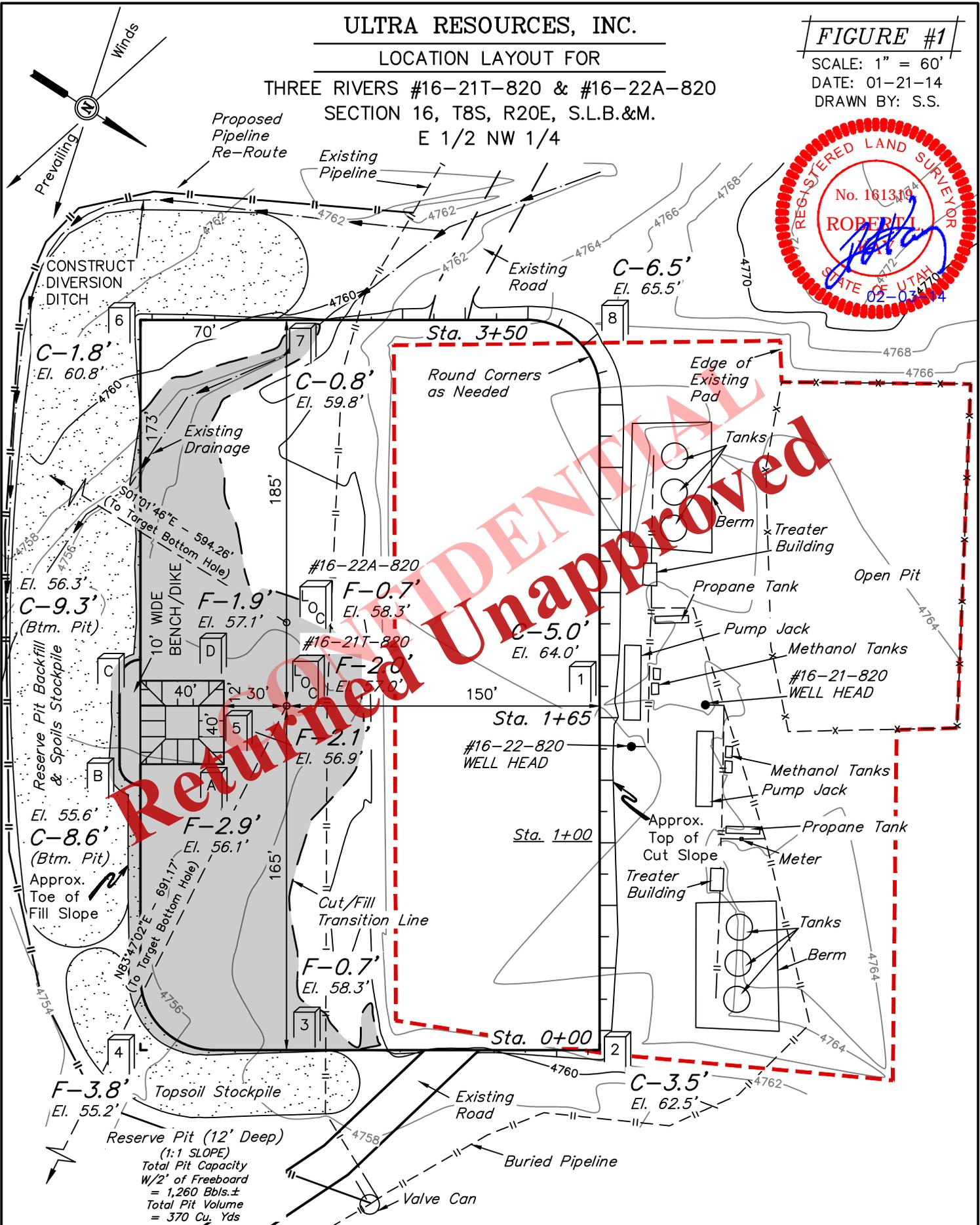
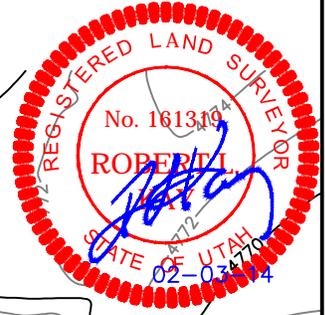
E 1/2 NW 1/4

FIGURE #1

SCALE: 1" = 60'

DATE: 01-21-14

DRAWN BY: S.S.



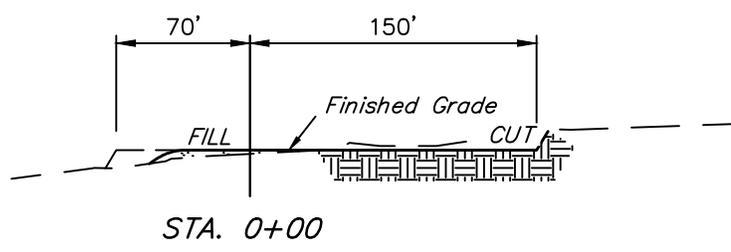
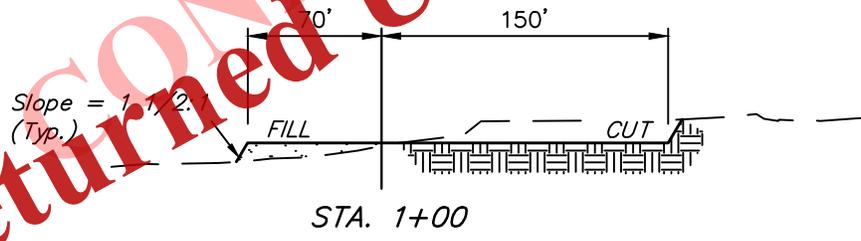
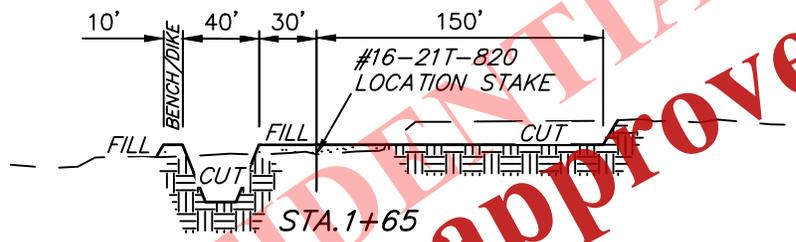
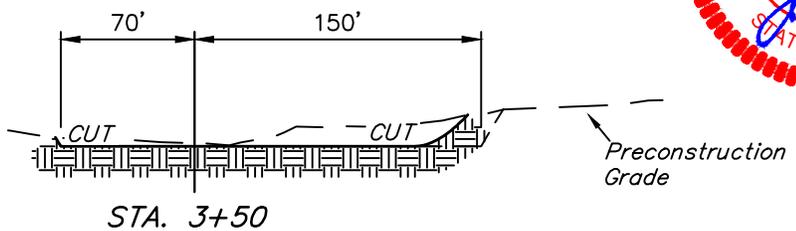
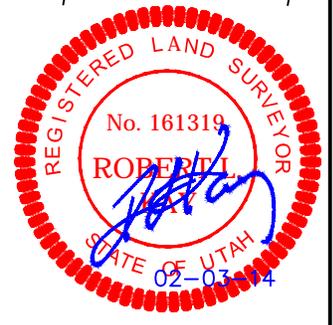
Elev. Ungraded Ground At #16-21T-820 Loc. Stake = 4757.0', UINTEH ENGINEERING & LAND SURVEYING
 FINISHED GRADE ELEV. AT #16-21T-820 LOC. STAKE = 4759.0' 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Received: February 10, 2014

1" = 40'
 X-Section Scale
 1" = 100'
 DATE: 01-21-14
 DRAWN BY: S.S.

ULTRA RESOURCES, INC.
 TYPICAL CROSS SECTIONS FOR
 THREE RIVERS #16-21T-820 & #16-22A-820
 SECTION 16, T8S, R20E, S.L.B.&M.
 E 1/2 NW 1/4

FIGURE #2



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APPROXIMATE ACREAGE

EXISTING WELL SITE DISTURBANCE	= ± 1.977 ACRES
NEW CONSTRUCTION WELL SITE DISTURBANCE	= ± 1.697 ACRES
PIPELINE DISTURBANCE	= ± 0.522 ACRES
TOTAL	= ± 4.196 ACRES

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping (New Construction Only)	= 820 Cu. Yds.
Remaining Location	= 7,430 Cu. Yds.
TOTAL CUT	= 8,250 CU. YDS.
FILL	= 1,690 CU. YDS.

EXCESS MATERIAL	= 6,560 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 820 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 5,740 Cu. Yds.

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

ULTRA RESOURCES, INC.

TYPICAL RIG LAYOUT FOR

THREE RIVERS #16-21T-820 & #16-22A-820

SECTION 16, T8S, R20E, S.L.B.&M.

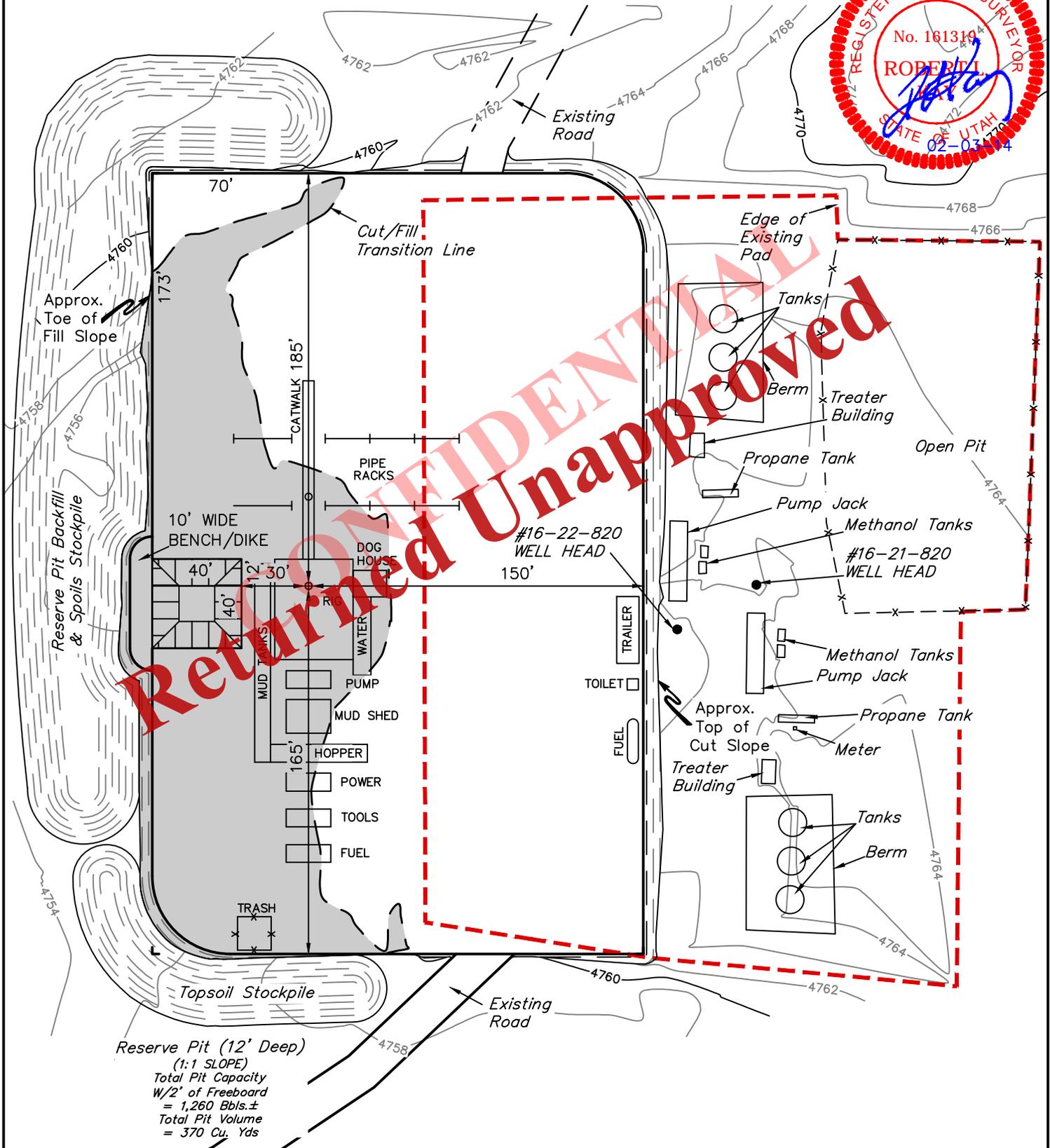
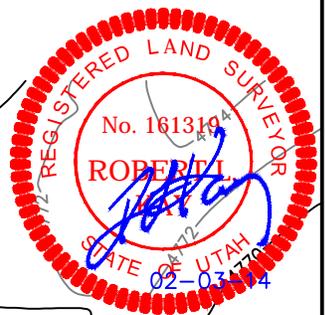
E 1/2 NW 1/4

FIGURE #3

SCALE: 1" = 60'

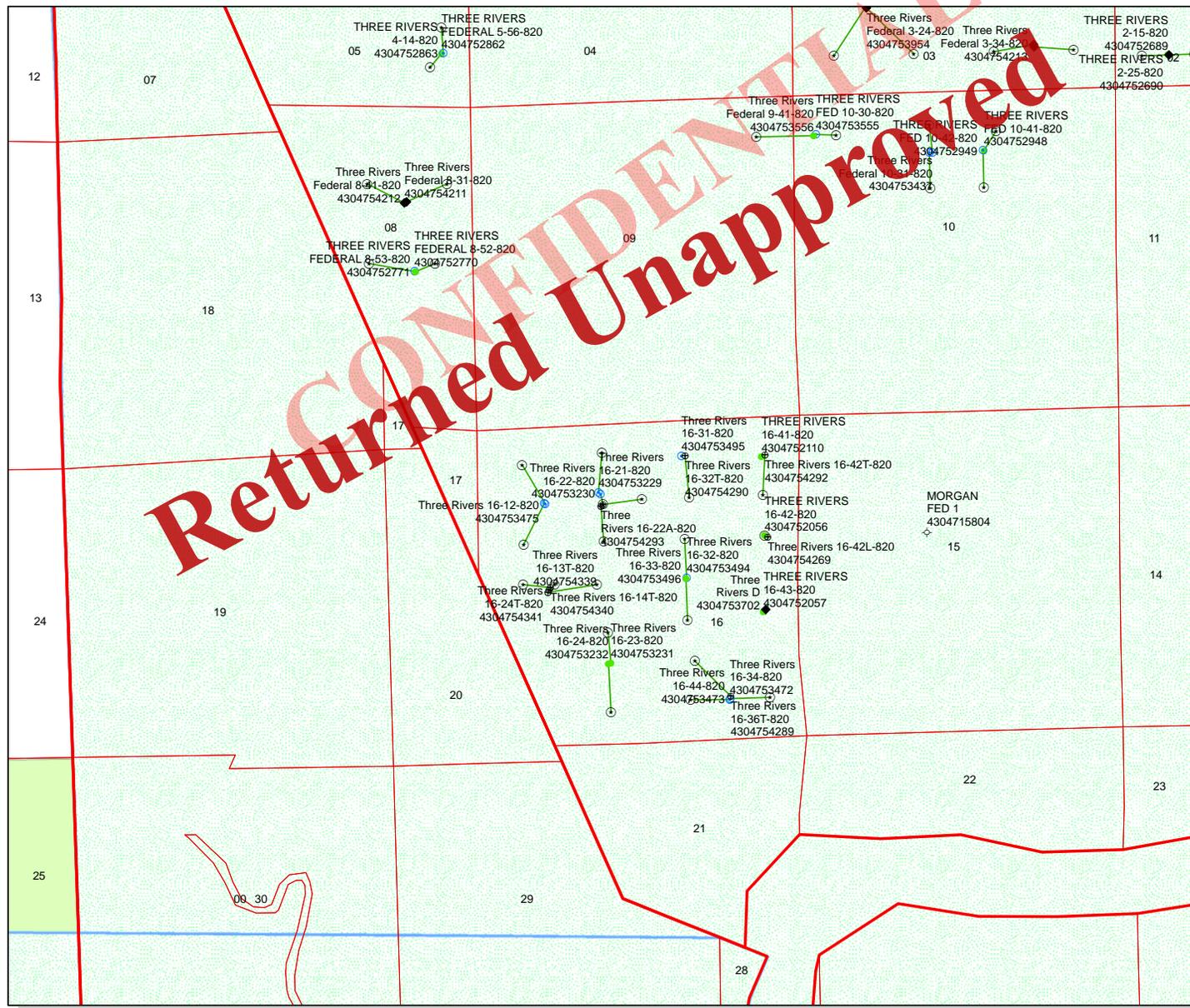
DATE: 01-21-14

DRAWN BY: S.S.



Reserve Pit (12' Deep)
 (1:1 SLOPE)
 Total Pit Capacity
 W/2' of Freeboard
 = 1,260 Bbls.±
 Total Pit Volume
 = 370 Cu. Yds

CONFIDENTIAL
Returned Unapproved



API Number: 4304754293

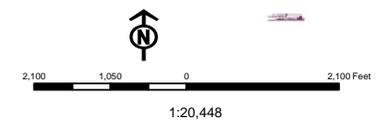
Well Name: Three Rivers 16-22A-820

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

Operator: ULTRA RESOURCES INC

Map Prepared: 3/7/2014
Map Produced by Diana Mason

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





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

March 12, 2014

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

Re: Application for Permit to Drill - UINTAH County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Three Rivers 16-22A-820 well, API 43047542930000 that was submitted February 10, 2014 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah



