

**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> LISONBEE 11-20-2-1W
<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> BLUEBELL
<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> UTE ENERGY UPSTREAM HOLDINGS LLC		<b>7. OPERATOR PHONE</b> 720 420-3235
<b>8. ADDRESS OF OPERATOR</b> 1875 Lawrence St Ste 200, Denver, CO, 80202		<b>9. OPERATOR E-MAIL</b> rgarrison@uteenergy.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE</b>	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" 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> JIM LISONBEE		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 435-724-2318
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> ROUTE 4 BOX 3071-C, ,		<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 checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1641 FSL 1500 FWL	NESW	20	2.0 S	1.0 W	U
Top of Uppermost Producing Zone	1641 FSL 1500 FWL	NESW	20	2.0 S	1.0 W	U
At Total Depth	1641 FSL 1500 FWL	NESW	20	2.0 S	1.0 W	U

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1500	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640
<b>27. ELEVATION - GROUND LEVEL</b> 5075	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion)</b> 1300	<b>26. PROPOSED DEPTH</b> MD: 13000 TVD: 13000
	<b>28. BOND NUMBER</b> LPM9032132	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 437478

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
I1	9.875	7.625	0 - 10000	29.7	P-110 LT&C	9.5	Class G	1100	2.3	12.5
L1	6.75	5.000	9000 - 13000	17.0	P-110 LT&C	14.0	Class G	300	1.15	15.8
Surf	14.75	10.75	0 - 500	40.5	J-55 ST&C	8.4	Class G	500	1.15	15.8

**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 type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Jenn Mendoza	<b>TITLE</b> Regulatory Specialist	<b>PHONE</b> 720 420-3229
<b>SIGNATURE</b>	<b>DATE</b> 10/05/2012	<b>EMAIL</b> jmendoza@uteenergy.com
<b>API NUMBER ASSIGNED</b> 43047532790000		<b>APPROVAL</b>

**Ute Energy Upstream Holdings LLC**  
 Lisonbee 11-20-2-1W  
 SW/NE of Section 20, T2S, R1W  
 SHL and BHL: 1641' FSL & 1500' FWL  
 Duchesne County, Utah

**Please contact Josh Chevalier with technical questions at (720) 895-4982.**

**DRILLING PLAN**

1-2. Geologic Surface Formation and Estimated Tops of Important Geologic Markers

Formation	Depth - MD
Uinta	Surface
Upper Green River Marker	6,757
Mahogany	7,218
Gardner Gulch (TGR3)	8,204
Black Shale	9,410
Uteland	9,891
Wasatch	10,066
TD	13,000

3. Estimated Depths of Anticipated Water, Oil, Gas Or Minerals

Green River Formation (Oil) 6,757' – 10,066'  
 Wasatch Formation (Oil) 10,066' – 13,000'

Fresh water may be encountered in the Uinta Formation, but would not be expected below 2500'. All usable (>10,000 PPM TDS) water and prospectively valuable minerals (as described by DOGM at onsite) encountered during drilling will be recorded by depth and adequately protected.

All water shows and water bearing geologic units will be reported to the geologic and engineering staff of DOGM prior to running the next string of casing or before plugging orders are requested. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required. All water shows must be reported within one (1) business day after being encountered. Detected water flows shall be sampled, analyzed, and reported to the geologic and engineering staff at DOGM. DOGM may request additional water samples for further analysis.

The following information is requested for water shows and samples where applicable:

- |  |   |
|--|---|
| Location & Sample Interval                         | Date Sampled                                  |
| Flow Rate  | Temperature                                   |
| Hardness   | pH  |
| Water Classification (State of Utah)               | Dissolved Calcium (Ca) (mg/l)                 |
| Dissolved Iron (Fe) (ug/l)                         | Dissolved Sodium (Na) (mg/l)                  |
| Dissolved Magnesium (Mg) (mg/l)                    | Dissolved Carbonate (CO <sub>3</sub> ) (mg/l) |
| Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l) | Dissolved Chloride (Cl) (mg/l)                |
| Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)        | Dissolved Total Solids (TDS) (mg/l)           |

4. Proposed Casing & Cementing Program

Casing Design:

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
<b>Conductor</b> <b>16"</b> <b>Hole Size 24"</b>	0'	40'	65	H-40	STC	1,640	670	439
<b>Surface casing</b> <b>10-3/4"</b> <b>Hole Size 14-3/4"</b>	0'	500'	40.5	J-55	STC	3,130	1,580	420,000
<b>Intermediate Casing</b> <b>7-5/8"</b> <b>Hole Size 9-7/8"</b>	0'	10,000'	29.7	P-110	LTC	9,470	5,340	769,000
<b>Prod Liner</b> <b>5-1/2"</b> <b>Hole Size 6-3/4"</b>	9,800'	13,000'	17	P-110	LTC	10,640	7,460	445,000

Assumptions:

1. Surface casing max anticipated surface pressure (MASP) = Frac gradient – gas gradient
2. Intermediate & Production casing MASP = Pore pressure – gas gradient
3. All collapse calculations assume fully evacuated casing w/gas gradient Internal & 10.0 ppg External
4. All tension calculations assume air weight

Frac gradient at surface casing shoe = 11.0 ppg  
 Pore pressure at surface casing shoe = 8.33 ppg  
 FIT at Intermediate casing shoe = 15.0 ppg  
 Pore pressure at Intermediate casing shoe = 9.5 ppg  
 Gas gradient = 0.115 psi/ft

Minimum Safety Factors:

Burst = 1.000  
 Collapse = 1.125  
 Tension = 1.800

All casing will be new and shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer per joint on the bottom 3 joints.

*Cementing Design:*

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
Surface casing	500' - surface	Class V 2% chlorides	100%	500	15.8	1.15
Intermediate Casing	10,000' to Surface	Hifill Class V 3% chlorides	25% in open-hole 0% in Cased hole	1100	12.5	2.3
Prod Liner	13,000' to 9,800'	Class G 10% chlorides	25%	300	15.8	1.15

\*Actual volume pumped will have excess over gauge hole or caliper log if available  
 - Compressive strength of Production tail cement: 500 psi @ 5 hours

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe. Compressive strength shall be a minimum of 500 psi prior to drilling out.

The surface casing shall in all cases be cemented back to surface. In the event that during the surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The intermediate string of casing cement job will be aimed at bringing cement to surface. In the event that during the intermediate cementing operation the cement does not circulate to surface, then a remedial cementing operation shall not be performed, however a CBL will be run prior to completions.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the Intermediate casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A Tuned spacer will be used to prevent contamination of the lead cement by the drilling mud.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 9, "Sundry Notices and Reports on Wells" shall be filed with DOGM within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated of the top of the cement behind the casing, depth of the cementing tools used, casing method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. Drilling Fluids Program

The Conductor section (from 0' to 40') will be drilled by Auger and final depth determined by when the Competent formation is encountered at a minimum depth of 40'.

The surface interval will then be drilled to  $\pm 500'$  with air/mist system. The air rig is equipped with a 6 1/2" blooie line, which is a straight run to the reserve pit. A variance is in request for this operation. The request can be found in section 12 of this plan.

From  $\pm 500'$  to 13,000' a second rig will be utilized to reduce drilling surprises and rig cycle time. Beyond the 10,000' to TD, the same big rig will be used. For both rig periods, from  $\pm 500'$  to TD a brine water system will be utilized. Clay inhibition and hole stability will be achieved with a polymer (DAP) additive; the reserve pit will be lined to address this additive. This brine water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight at intermediate TD is 15 lbs/gal. If it is necessary to control formation fluids or pressure, the system will be weighted with the addition of brine. The production hole TD expected MW is no more than 14.0 ppg. This weight will be achieved with barite and/or calcium carbonate weighting agents. There will be enough weighting agent on location to increase the entire system to 16.0 ppg MW.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior DOGM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under CARA Title II in an amount equal to or greater than 13,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating characteristics of a hazardous waste will not be used in drilling, testing, or completion operations.

Ute Energy will visually monitor pit levels and flow from the well during drilling operations.

6. Minimum Specifications for Pressure Control

A 10,000 psi BOP System will be used on this well from Drill-out of surface casing to TD. All BOPE for this well will be installed and tested per Onshore Order No. 2. All operations will be conducted by personnel certified in Well Control by IADC from the position of driller and higher.

The 10M configuration is as follows:

- Float in drillstring
- Inside BOP or safety valve
- Safety valve with same pipe threading
- Rotating Head below rotary table
- Fillup line
- 11" Annular Preventer – rated to 5,000 psi
- 11" bore, 4-1/2" x 7-5/8" VBRs – rated to 10,000 psi
- 11" bore, Blind Ram – rated to 10,000 psi

- 11" bore, 4-1/2" & 7-5/8" VBRs – rated to 10,000 psi
- 11" bore Drilling Spool with 2 side outlets (Choke side at 3" minimum & Kill side at 2" minimum)
  - 2 Kill line valves at 2" minimum – one with a check valve
  - Kill line at 2" minimum
  - 2 Choke line valves at 3" minimum
  - Choke line at 3" minimum
  - 2 adjustable chokes on manifold
  - Pressure gauge on choke manifold

#### 7. BOPE Test Criteria

A Function Test of the Ram BOP equipment shall be made every trip and annular preventer every week. All required BOP tests and/or drills shall be recorded in the Driller's Report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to representatives upon request.

At a minimum, the Annular preventer will be tested to 50% of its rating for ten minutes. All other equipment (Rams, valves, manifold) will be tested at 5,000 psi for the 5M system for 10 minutes with a test plug. If we were to change rams for any reason post drillout we shall test the rams to 70% of surface casing internal yield.

At a minimum, the above pressure tests will be performed when such conditions exist:

- BOP's are initially installed
- Whenever a seal subject to pressure test is broken
- Following repairs to the BOPs
- Every 30 days

#### 8. Accumulator

The Accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (HCR), close all rams and annular preventer as well maintain 200 psi above nitrogen precharge of the accumulator without use of accumulator pumps. The fluid reservoir volume will be double the usable volume of the accumulator system. The fluid level will be maintained per manufacturer's specifications.

The BOP system will have 2 independent power sources to close both rams and annular preventer, while opening HCR. Nitrogen bottles will be 1 source and electric and/or air powered pumps will be the other.

The accumulator precharge will be conducted every 6 months and maintained to be within the specifications of Onshore Order No. 2

A manual locking device or automatic locking device will be installed on both ram preventers and annular preventer.

Remote controls will be readily accessible to the driller and be capable of closing all preventers. Main controls will be available to allow full functioning of all preventers and HCR.

#### 9. Testing, Logging and Coring Programs

The logging program will consist of a Gamma Ray log from TD to base of surface casing. A cement bond log will be run from PBDT to Surface. No drill stem testing or coring is planned for this well.

10. Anticipated Abnormal Pressures or Temperature

No abnormal temperatures or pressures are anticipated from surface to the intermediate shoe. Pressure no greater than 14.0 ppg is expected beneath the intermediate shoe to TD. No hydrogen sulfide has been encountered or is known to exist from previous wells drilled to similar depths in this area.

Maximum anticipated bottomhole pressure will be approximately equal to total depth in feet multiplied by a 0.728 psi/ft gradient, and a maximum anticipated surface pressure will be approximately equal to the bottomhole pressure calculated minus the pressure of a partially evacuated hole calculated at a 0.22 psi/ft gradient.

11. Anticipated Starting Date and Duration of Operations

It is anticipated that drilling operations will commence in March 1, 2013, and take approximately twenty (20) days from spud to rig release and two weeks for completions.

12. Variations Requested from Onshore Order No. 2

1. A diverter is utilized for surface air drilling, rather than a lubricated rotating head.
2. The blooie line is 45 ft from the wellbore rather than 100' and is not anchored down.
3. The blooie line is not equipped with an automatic igniter or continuous pilot light.
4. The compressor is located on the rig itself and not 100 ft from the wellbore.

**Returned Unapproved**

Well Name: **Lisonbee**  
 Operator: UTE Energy Upstream Holdings LLC  
 String Type: Production  
 Location: Uintah County

**Design Parameters:**

**Collapse**

Mud Weight : 10.00 ppg  
 Design is based on evacuated pipe

**Minimum Design Factors:**

**Collapse**

Design Factor 1

**Burst**

Design Factor 1

**Environment:**

H2S Considered? NO  
 Surface Temperature: 60 deg. F  
 Bottom Hole temperature: 200 deg. F  
 Temperature Gradient: 1.4 deg/100'  
 Minimum Section Length: 100'  
 Cement top: 800'

**Burst**

Max Anticipated

Surface Pressure: 2264 psr 8 Round LTC 1.80 (J)

Internal Gradient: 0.22 psi/ft

Calculated BHP: 9464 psi Tension is based on air weight.

**Tension - Non Directional String**

No Backup mud specified

Segment Length (ft)	Size (in)	Nominal weight (ppf)	Grade	End Finish	TVD (ft)	MD (ft)	ID (in)		
10000	7.625	29.7	P-110	LTC	13000	13000	6.875		
<b>Collapse Load (psi)</b>	<b>Collapse Strength (psi)</b>	<b>Collapse Design Factor</b>	<b>Burst Load (psi)</b>	<b>Burst Strength (psi)</b>	<b>Burst Design Factor</b>	<b>Tension Load (kips)</b>	<b>Tension Strength (kips)</b>	<b>Tension Design Factor</b>	
5200	5340	1.03	8804	9470	1.08	297.0	769	2.59	

Collapse is based on a vertical depth of 10,000', a mud weight of 10.0 ppg. The Casing is considered to be evacuated for collapse purposes.  
 Burst Strength is not adjusted for tension

Well Name: **Lisonbee**  
 Operator: UTE Energy Upstream Holdings LLC  
 String Type: Production  
 Location: Uintah County

**Design Parameters:**

**Collapse**

Mud Weight : 10.00 ppg  
 Design is based on evacuated pipe

**Minimum Design Factors:**

**Collapse**

Design Factor 1

**Burst**

Design Factor 1

**Environment:**

H2S Considered? NO  
 Surface Temperature: 60 deg. F  
 Bottom Hole temperature: 242 deg. F  
 Temperature Gradient: 1.4 deg/100'  
 Minimum Section Length: 100'  
 Cement top: 800'

**Burst**

Max Anticipated

Surface Pressure: 8760 psr 8 Round LTC 1.80 (J)

Internal Gradient: 0.22 psi/ft

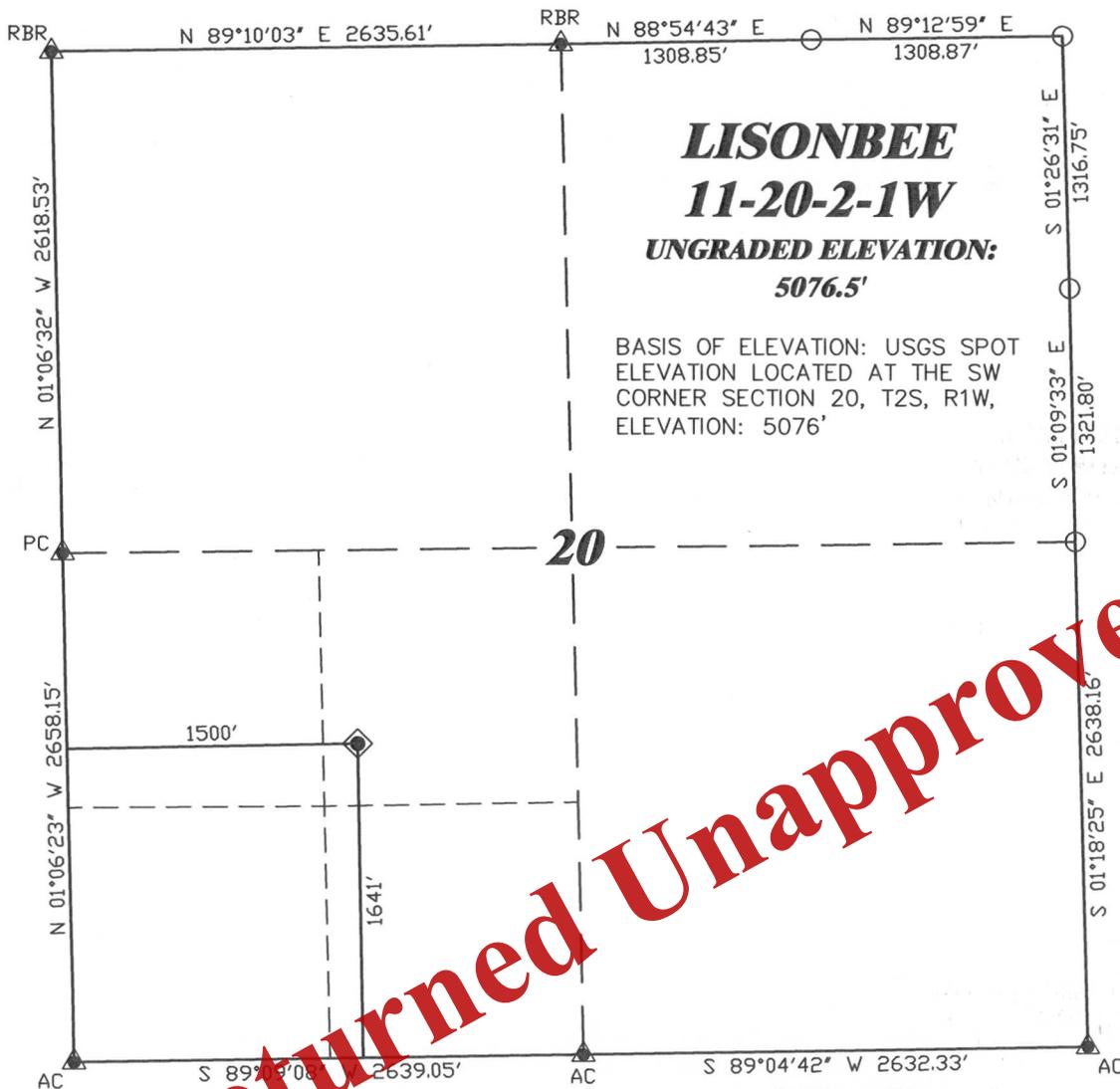
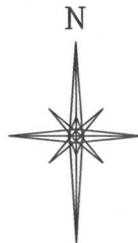
Calculated BHP: 9464 psi Tension is based on air weight.

No Backup mud specified

Segment Length (ft)	Size (in)	Nominal weight (ppf)	Grade	End Finish	TVD (ft)	MD (ft)	ID (in)		
3200	5.5	17	P-110	LTC	13000	13000	4.892		
<b>Collapse Load (psi)</b>	<b>Collapse Strength (psi)</b>	<b>Collapse Design Factor</b>	<b>Burst Load (psi)</b>	<b>Burst Strength (psi)</b>	<b>Burst Design Factor</b>	<b>Tension Load (kips)</b>	<b>Tension Strength (kips)</b>	<b>Tension Design Factor</b>	
1664	7460	4.48	9464	10640	1.12	54.4	445	8.18	

Collapse is based on a vertical depth of 13,000', a mud weight of 10.0 ppg. The Casing is considered to be evacuated for collapse purposes.  
 Burst Strength is not adjusted for tension

R. 1 W.



**LISONBEE**  
**11-20-2-1W**  
 UNGRADED ELEVATION:  
**5076.5'**

BASIS OF ELEVATION: USGS SPOT  
 ELEVATION LOCATED AT THE SW  
 CORNER SECTION 20, T2S, R1W,  
 ELEVATION: 5076'

SCALE 1" = 1000'

**T. 2 S.**

**LATITUDE (NAD 83)**  
 NORTH 40.292120 DEG.  
**LONGITUDE (NAD 83)**  
 WEST 110.024203 DEG.

**LATITUDE (NAD 27)**  
 NORTH 40.292162 DEG.  
**LONGITUDE (NAD 27)**  
 WEST 110.023497 DEG.

**NORTHING**  
 716866.98  
**EASTING**  
 2411856.74

**DATUM**  
 SPCS UTC (NAD 27)

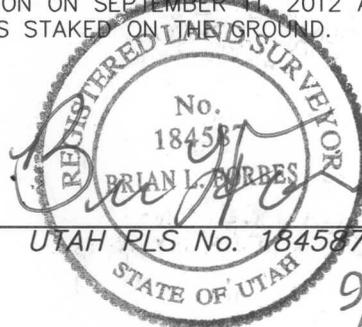
Returned Unapproved

**SURVEYOR'S STATEMENT**

I, BRIAN L. FORBES, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON SEPTEMBER 11, 2012 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF LISONBEE 11-20-2-1W AS STAKED ON THE GROUND.

**LEGEND**

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- ▲ PREVIOUSLY FOUND MONUMENT
- CALCULATED CORNER



UTAH PLS No. 184587-2201

9/18/12

**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

**PLAT OF DRILLING LOCATION**  
**FOR**  
**UTE ENERGY**

**1641' F/SL & 1500' F/WL, NESW, SECTION 20,**  
**T. 2 S., R. 1 W., Uintah Special Meridian,**  
**Duchesne County, Utah**

Received: October 05, 2012

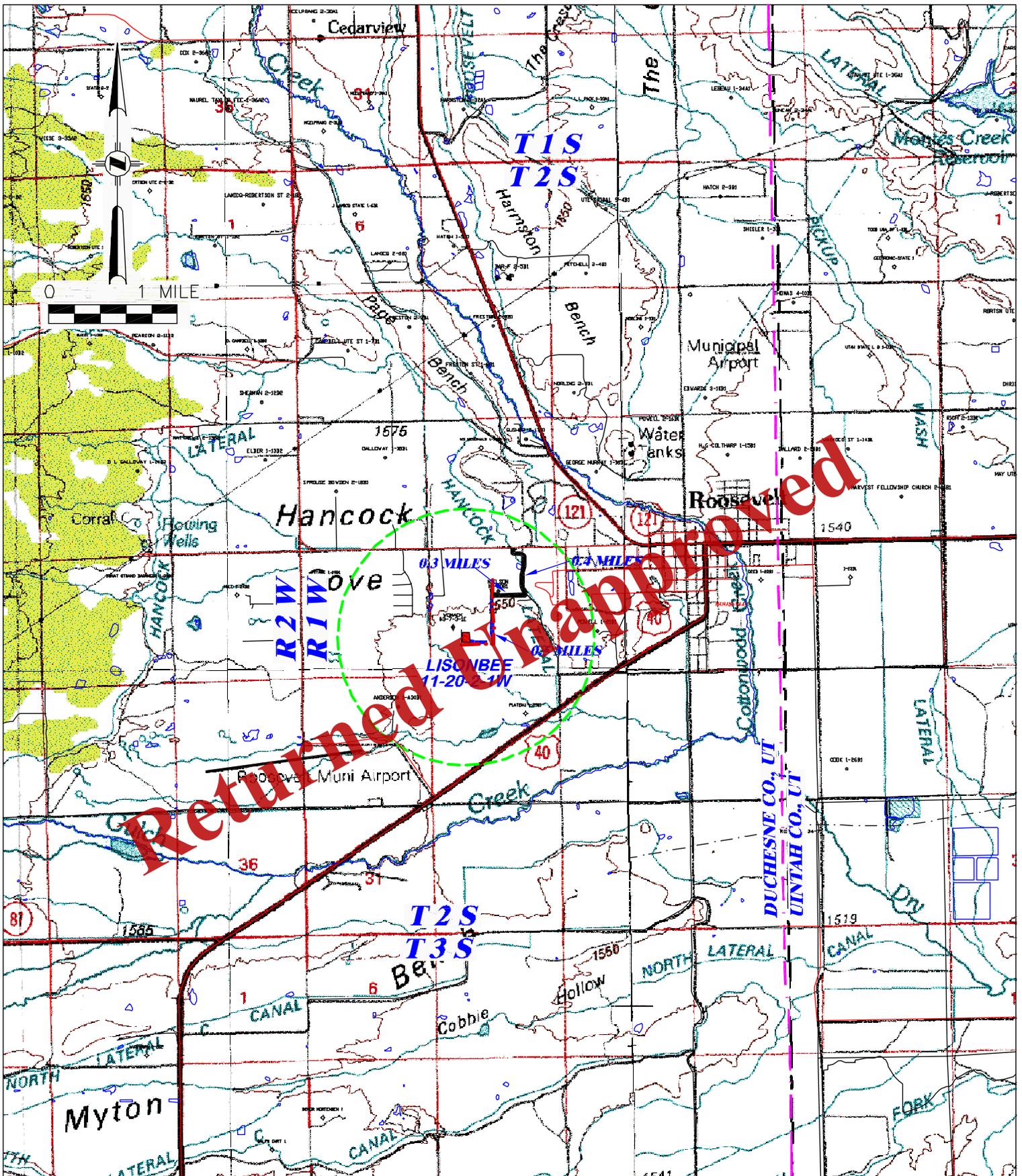
DRAWN: 9/17/12 - JMB

SCALE: 1" = 1000'

REVISED: NA

DRG JOB No. 19560

EXHIBIT 1



**DRG RIFFIN & ASSOCIATES, INC.**  
 1414 ELK ST., ROCK SPRINGS, WY 82901

(307) 362-5028

DRAWN: 9/17/12 - JMB

REVISED: NA

SCALE: 1" = MILE

DRG JOB No. 19560

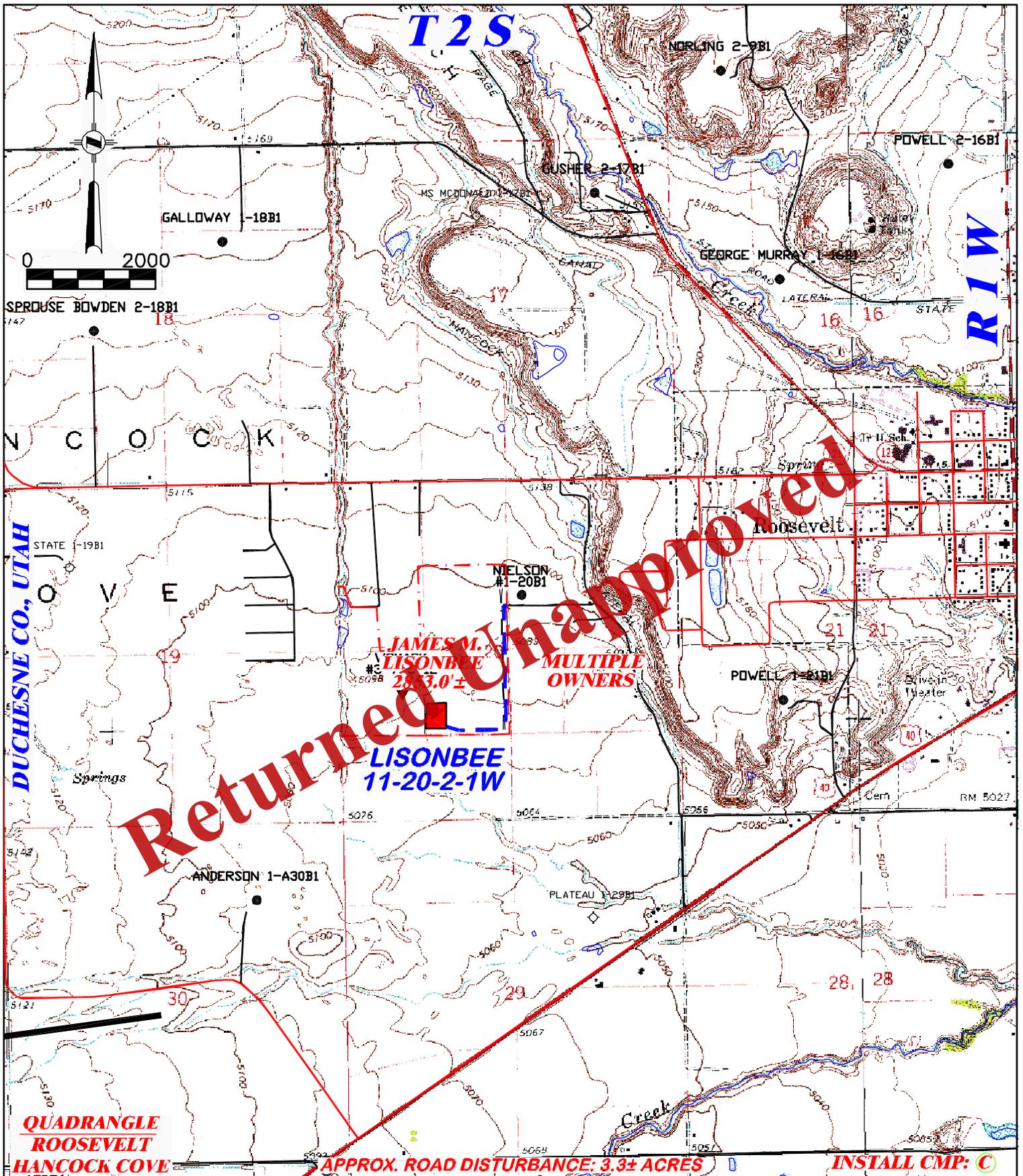
TOPO A

**PROPOSED ACCESS FOR  
 UTE ENERGY  
 LISONBEE 11-20-2-1W  
 SECTION 20, T2S, R1W**

PROPOSED ROAD - - - - -

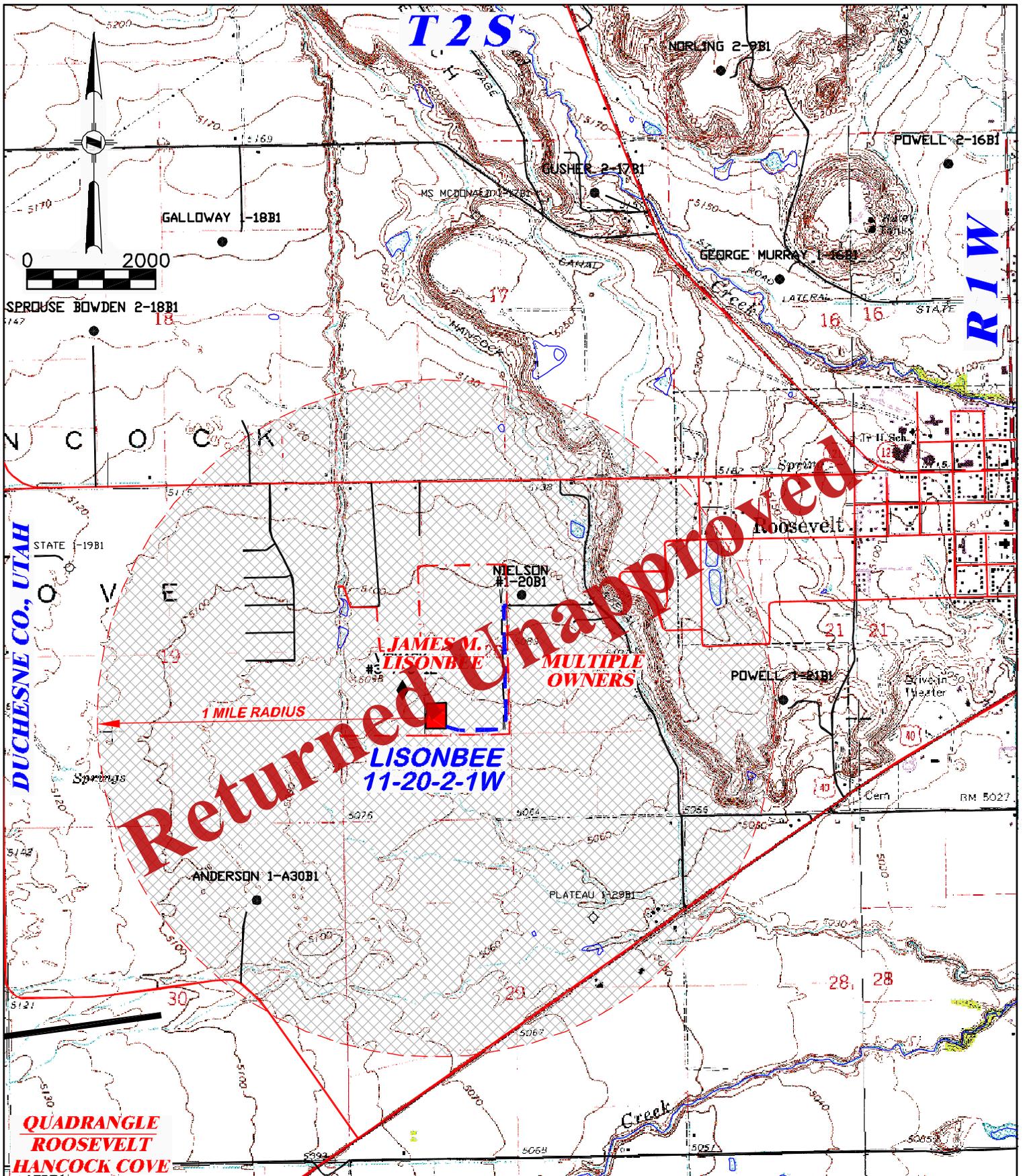
EXISTING ROAD —————

**Received: October 05, 2012**



 <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		<b>PROPOSED ROAD FOR UTE ENERGY</b> <b>LISONBEE 11-20-2-1W</b> <b>SECTION 20, T2S, R1W</b>	
DRAWN: 9/17/12 - JMB	SCALE: 1" = 2000'	TOTAL PROPOSED LENGTH: 2853.0±	
REVISED: NA	DRG JOB No. 19560	PROPOSED ROAD  EXISTING ROAD 	
TOPO B			

Received: October 05, 2012



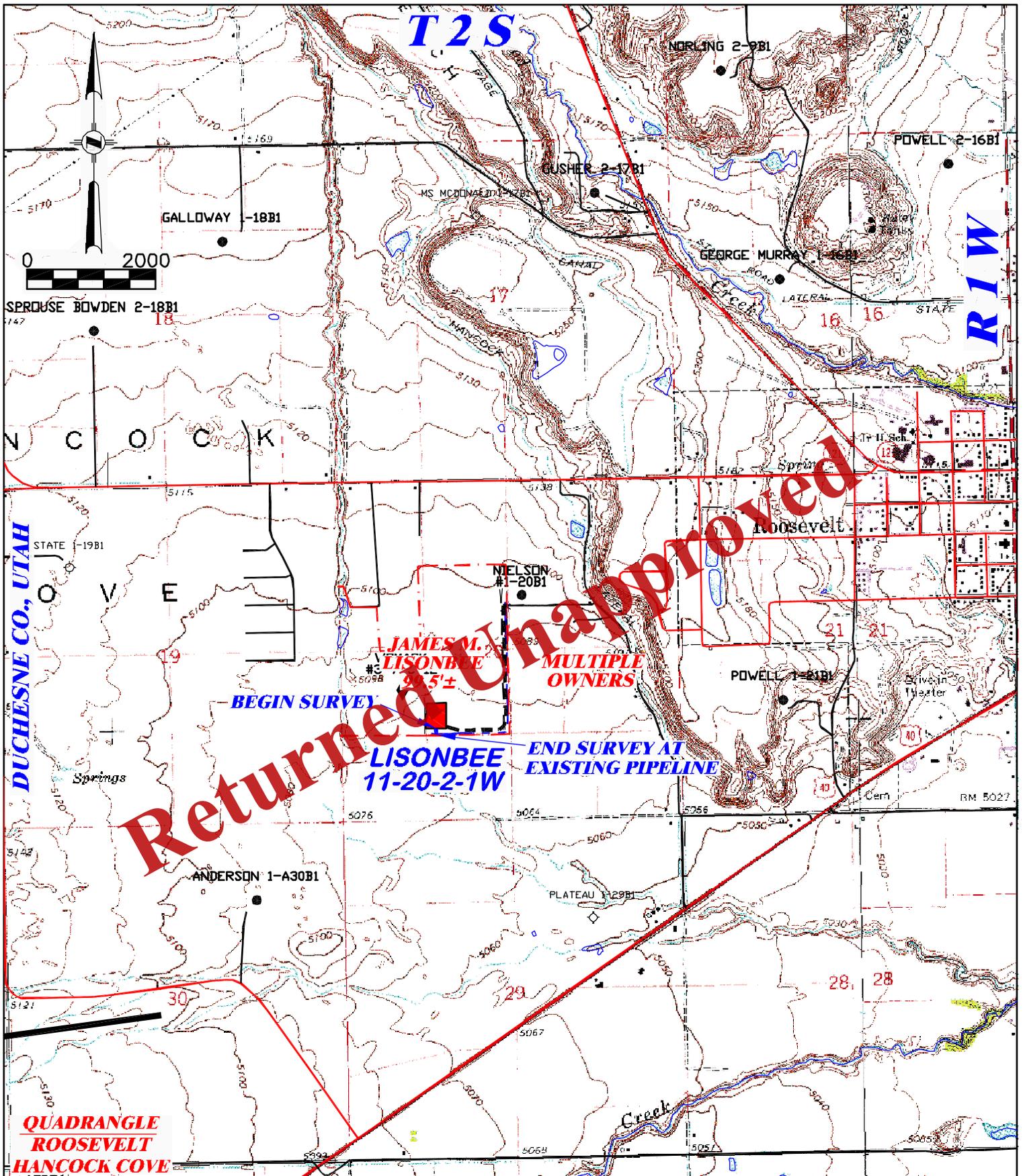
**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 9/17/12 - JMB	SCALE: 1" = 2000'
REVISED: NA	DRG JOB No. 19560
TOPO C	

**ONE MILE RADIUS FOR  
 UTE ENERGY  
 LISONBEE 11-20-2-1W  
 SECTION 20, T2S, R1W**

PROPOSED ROAD - - - - -	EXISTING ROAD ————
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Received: October 05, 2012



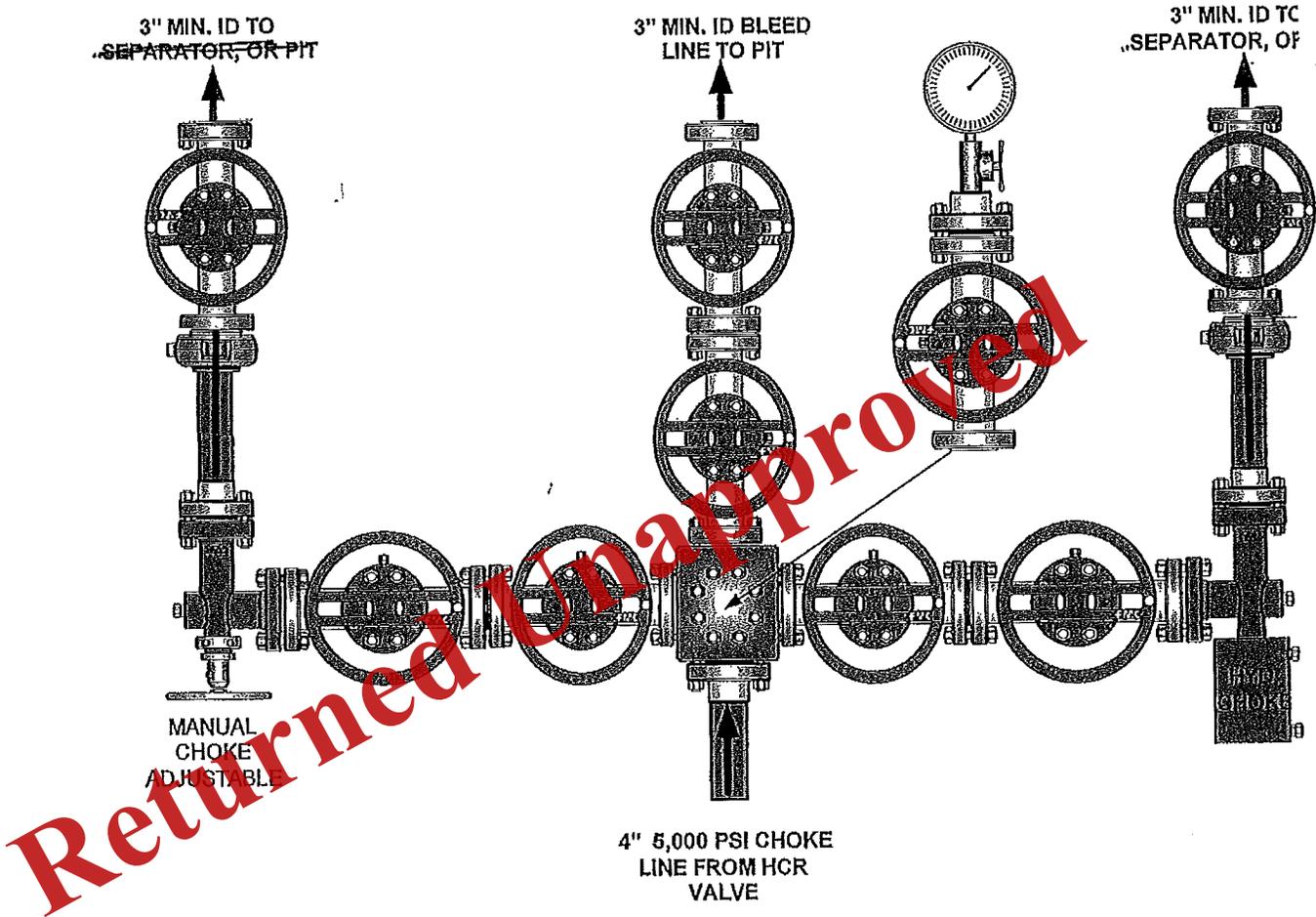
 <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		<b>PROPOSED PIPELINE FOR UTE ENERGY</b> <b>LISONBEE 11-20-2-1W</b> <b>SECTION 20, T2S, R1W</b>	
DRAWN: 9/17/12 - JMB	SCALE: 1" = 2000'	TOTAL PROPOSED LENGTH: 99.5'±	
REVISED: NA	DRG JOB No. 19560	PROPOSED PIPELINE  EXISTING ROAD 	
TOPO D			

Received: October 05, 2012

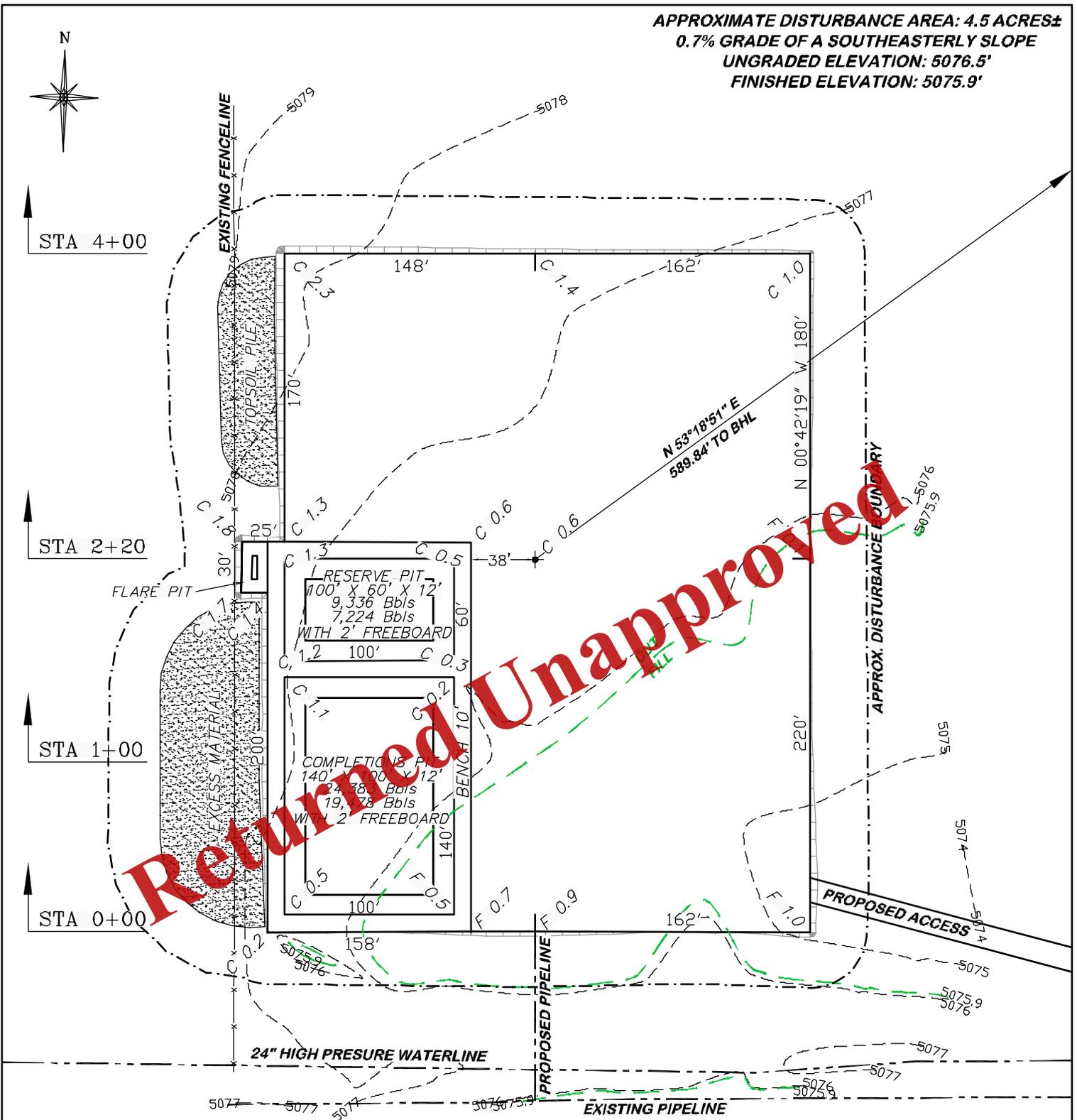




*Capstar* CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES



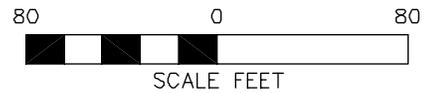
APPROXIMATE DISTURBANCE AREA: 4.5 ACRES±  
 0.7% GRADE OF A SOUTHEASTERLY SLOPE  
 UNGRADED ELEVATION: 5076.5'  
 FINISHED ELEVATION: 5075.9'



Returned Unapproved

**BEFORE DIGGING  
 CALL FOR  
 UTILITY LINE LOCATION**

NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF THIS IS AT THE RESPONSIBILITY OF THE USER.



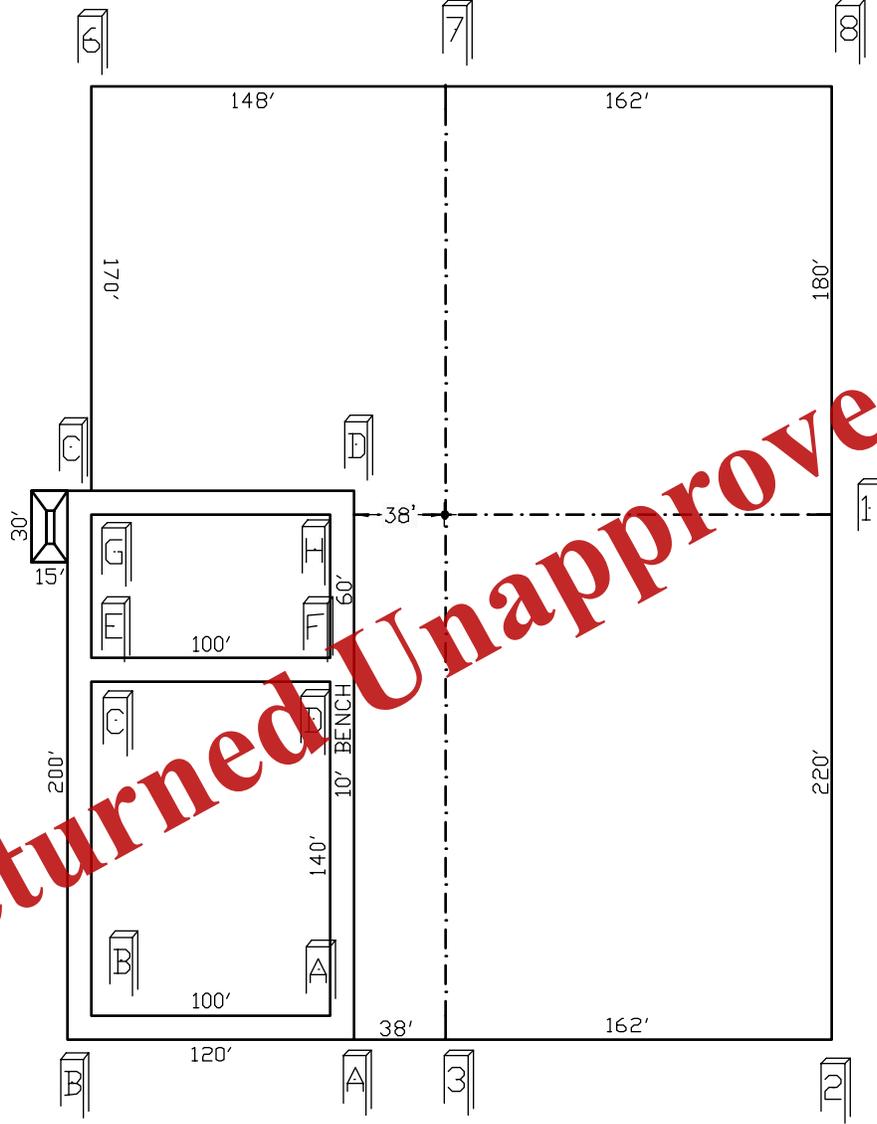
 <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901	
DRAWN: 9/17/12 - JMB	SCALE: 1" = 80'
REVISED: NA	DRG JOB No. 19560
	FIGURE #1

**UTE ENERGY**  
**LISONBEE 11-20-2-1W**  
**SECTION 20, T2S, R1W**

UNGRADED ELEVATION: 5076.5'  
 FINISHED ELEVATION: 5075.9'

Received: October 05, 2012

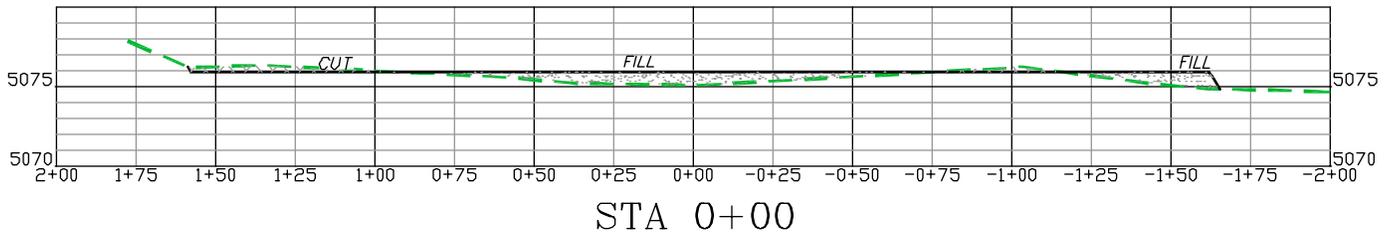
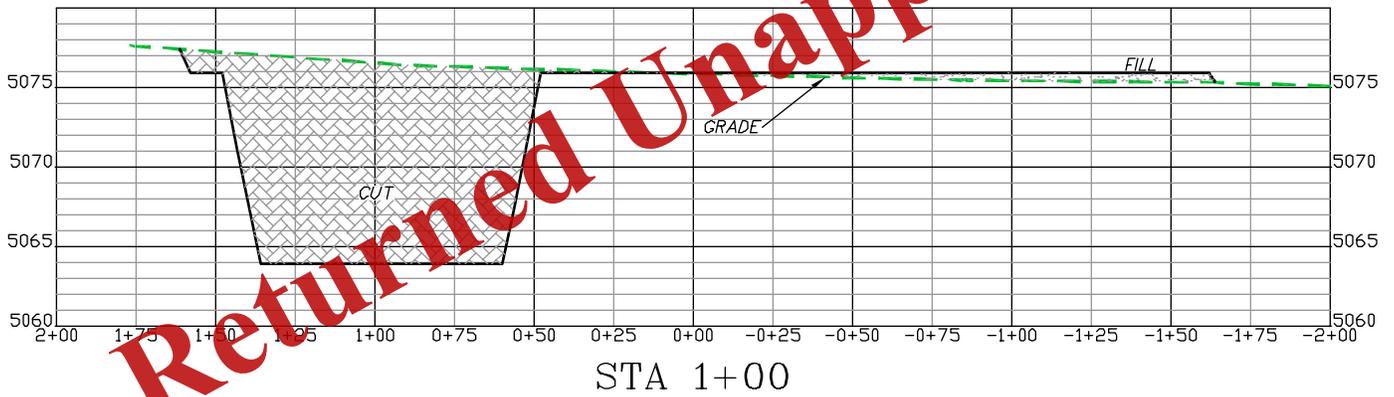
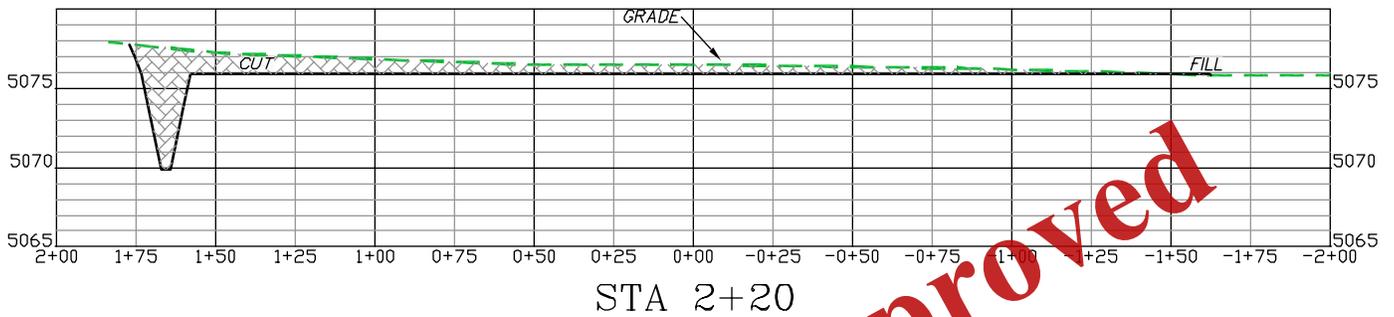
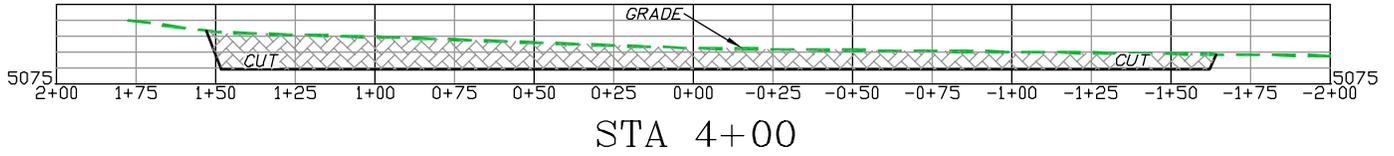
Returned Unapproved



 <p><b>DRG RIFFIN &amp; ASSOCIATES, INC.</b>          (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</p>	
<b>DRAWN:</b> 9/17/12 - JMB	<b>SCALE:</b> 1" = 80'
<b>REVISED:</b> NA	<b>DRG JOB No.</b> 19560
	<b>FIGURE #1A</b>

<p><b>PAD LAYOUT</b>  <b>UTE ENERGY</b>  <b>LISONBEE 11-20-2-1W</b>  <b>SECTION 20, T2S, R1W</b></p>
<p><b>UNGRADED ELEVATION:</b> 5076.5'  <b>FINISHED ELEVATION:</b> 5075.9'</p>

**Received: October 05, 2012**



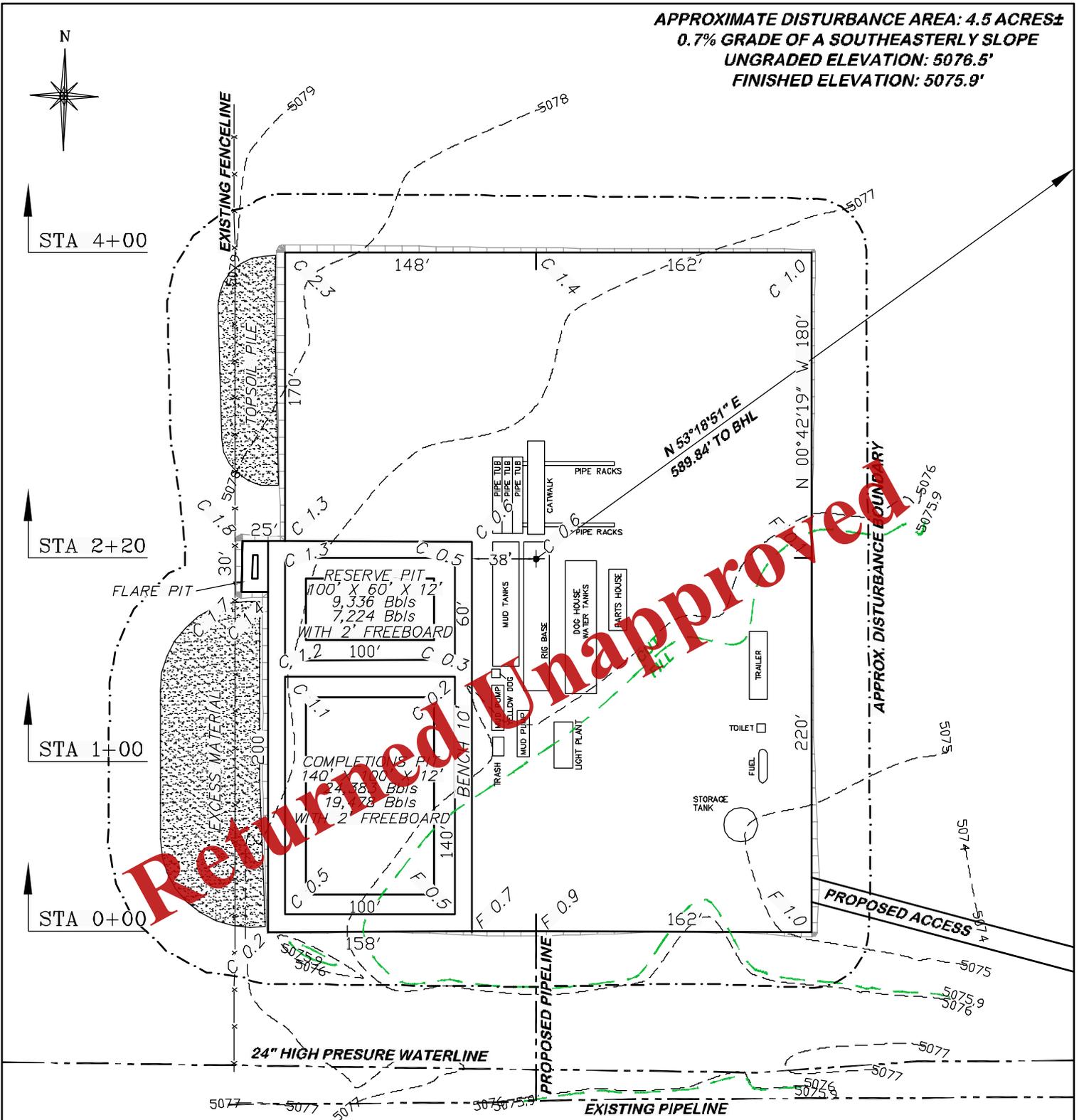
Returned Unapproved

 <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901	
DRAWN: 9/17/12 - JMB	HORZ. 1" = 60' VERT. 1" = 10'
REVISED: NA	DRG JOB No. 19560
FIGURE #2	

<b>UTE ENERGY</b> <b>LISONBEE 11-20-2-1W</b> <b>SECTION 20, T2S, R1W</b>  UNGRADED ELEVATION: 5076.5' FINISHED ELEVATION: 5075.9'
--

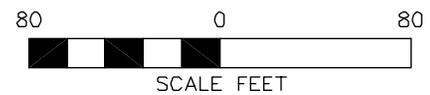
Received: October 05, 2012

**APPROXIMATE DISTURBANCE AREA: 4.5 ACRES±**  
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 <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> 1414 ELK ST., ROCK SPRINGS, WY 82901 (307) 362-5028		<b>UTE ENERGY</b> <b>LISONBEE 11-20-2-1W</b> <b>SECTION 20, T2S, R1W</b> <b>ESTIMATED EARTHWORK</b>				
		ITEM	CUT	FILL	TOPSOIL	EXCESS
DRAWN: 9/17/12 - JMB	SCALE: 1" = 80'	PAD	2994 CY	462 CY	2347 CY	185 CY
REVISED: NA	DRG JOB No. 19560	PIT	7011 CY			7011 CY
	FIGURE #3	TOTALS	10005 CY	462 CY	2347 CY	7196 CY

Received: October 05, 2012

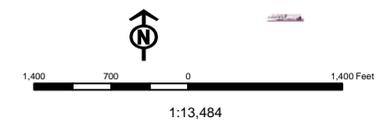
Returned Unapproved



**API Number: 4304753279**  
**Well Name: LISONBEE 11-20-2-1W**  
**Township T02.0S Range R01.0W Section 20**  
**Meridian: UBM**  
**Operator: UTE ENERGY UPSTREAM HOLDINGS LLC**

Map Prepared:  
 Map Produced by Diana Mason

- | Units         | Wells Query                        |
|---------------|------------------------------------|
| <b>STATUS</b> | <b>STATUS</b>                      |
| ACTIVE        | APD - Approved Permit              |
| EXPLORATORY   | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE   | GIW - Gas Injection                |
| NF PP OIL     | GS - Gas Storage                   |
| NF SECONDARY  | LOC - New Location                 |
| P1 OIL        | OPS - Operation Suspended          |
| PP GAS        | PA - Plugged Abandoned             |
| PP GEOTHERML  | PGW - Producing Gas Well           |
| PP OIL        | POW - Producing Oil Well           |
| SECONDARY     | SGW - Shut-in Gas Well             |
| TERMINATED    | SOW - Shut-in Oil Well             |
| <b>Fields</b> | TA - Temp. Abandoned               |
| Unknown       | TW - Test Well                     |
| ABANDONED     | WDW - Water Disposal               |
| ACTIVE        | WW - Water Injection Well          |
| COMBINED      | WSW - Water Supply Well            |
| INACTIVE      | Bottom Hole Location - OIG&D       |
| STORAGE       |                                    |
| TERMINATED    |                                    |





GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*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*

December 04, 2012

UTE ENERGY UPSTREAM  
HOLDINGS LLC  
1875 Lawrence St Ste 200  
Denver, CO 80202

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

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the LISONBEE 11-20-2-1W well, API 43047532790000 that was submitted October 05, 2012 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