

**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> GORDON CREEK NW-32-13-8
<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> WILDCAT
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>
<b>6. NAME OF OPERATOR</b> GORDON CREEK, LLC		<b>7. OPERATOR PHONE</b> 403 453-1608
<b>8. ADDRESS OF OPERATOR</b> 1179 E Main #345, Price, UT, 84501		<b>9. OPERATOR E-MAIL</b> rironside@thunderbirdenergy.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Sec 31+32 Fee Lease	<b>11. MINERAL 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> Mark Jacobs		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 914 East 300 North, Orem, UT 84097		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 801-226-3407
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</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	1261 FNL 878 FWL	NWNW	32	13.0 S	8.0 E	S
Top of Uppermost Producing Zone	1261 FNL 878 FWL	NWNW	32	13.0 S	8.0 E	S
At Total Depth	1261 FNL 878 FWL	NWNW	32	13.0 S	8.0 E	S

<b>21. COUNTY</b> CARBON	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 878	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40
<b>27. ELEVATION - GROUND LEVEL</b> 7606	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 2180	<b>26. PROPOSED DEPTH</b> MD: 4538 TVD: 4538
	<b>28. BOND NUMBER</b> RLB0010790	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 91-5193

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 - 450	24.0	J-55 ST&C	8.7	Class G	212	1.142	15.84
PROD	7.875	5.5	0 - 4538	17.0	N-80 LT&C	10.0	Class G	394	2.69	10.7

**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> Barry Brumwell	<b>TITLE</b> Vice President-Operations	<b>PHONE</b> 403 453-1608
<b>SIGNATURE</b>	<b>DATE</b> 09/26/2011	<b>EMAIL</b> bbrumwell@thunderbirdenergy.com
<b>API NUMBER ASSIGNED</b> 43007502440000	<b>APPROVAL</b>   Permit Manager	

# Range 8 East

Township 13 South

**Location:**  
The well location was determined using a Trimble 5700 GPS survey grade unit.

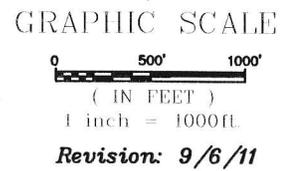
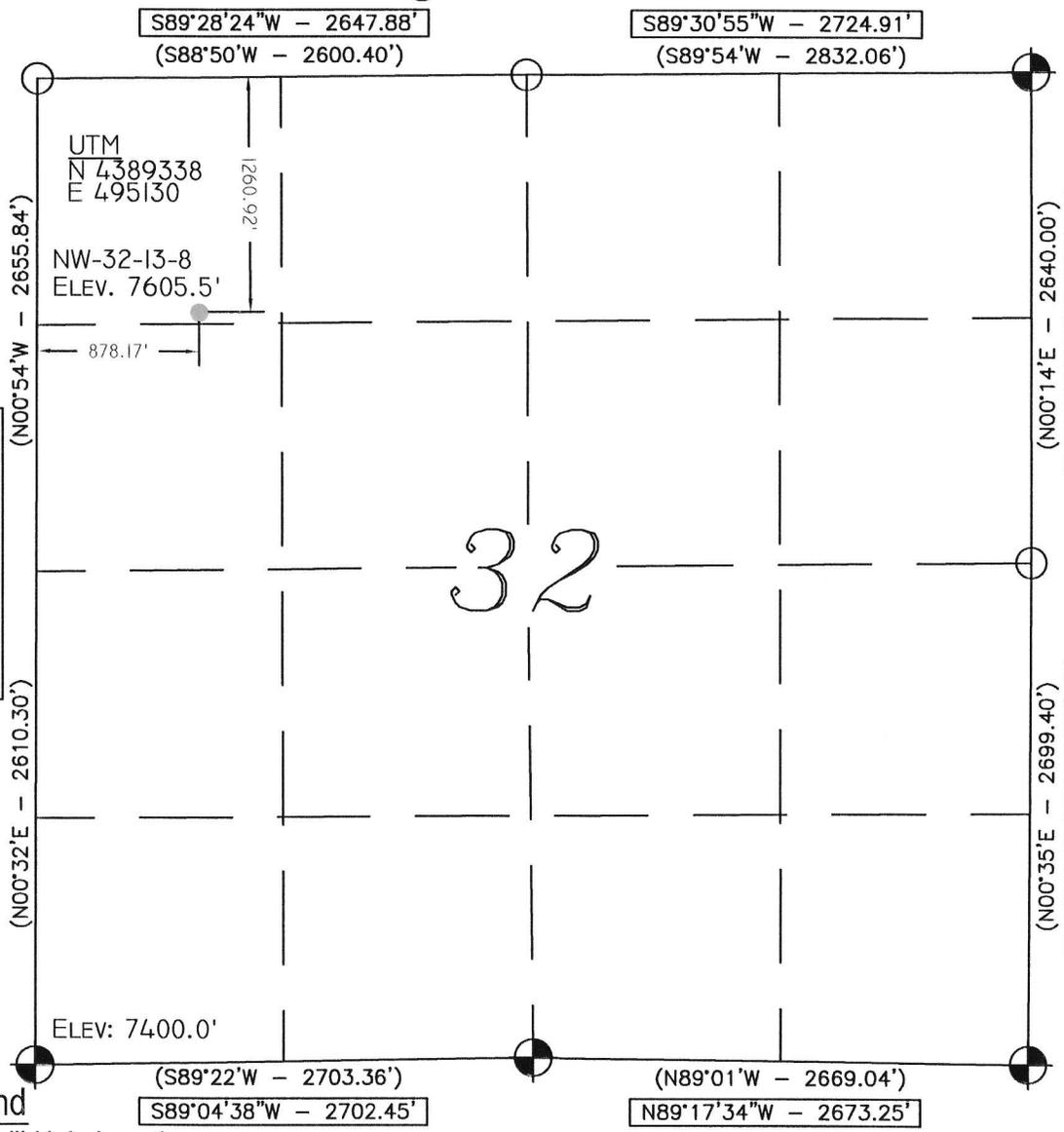
**Basis of Bearing:**  
The Basis of Bearing is GPS Measured.

**GLO Bearing:**  
The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

**Basis of Elevation:**  
Basis of Elevation of 7400.00' being at the Southwest Section Corner of Section 32, Township 13 South, Range 8 East, Salt Lake Base and Meridian, as shown on the Jump Creek Quadrangle 7.5 minute series map.

**Description of Location:**  
Proposed Drill Hole located in the NW/4 NW/4 of Section 32, T13S, R8E, S.L.B.&M., being South 1260.92' from North Line and East 878.17' from West Line of Section 32, T13S, R8E, Salt Lake Base and Meridian.

**Surveyor's Certificate:**  
I, John S. Huefner, a Professional Land Surveyor, holding Certificate No. 144842 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



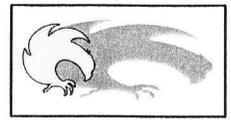
**Legend**

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Stone (Found)
- △ Calculated Corner
- ( ) GLO
- ▭ GPS Measured

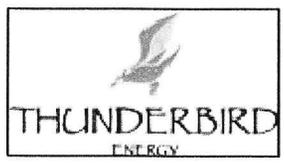
**NOTES:**

1. Dimensions are GPS measured unless noted otherwise.
2. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

<b>LAT / LONG</b>
39°39'20.565" N
111°03'24.362" W



**TALON RESOURCES, INC.**  
615 North 400 East P.O. Box 1230  
Huntington, Utah 84528  
Phone (435)687-5310 Fax (435)687-5311  
E-Mail talonsetv.net

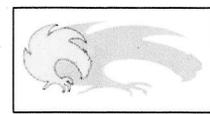
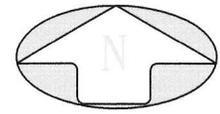
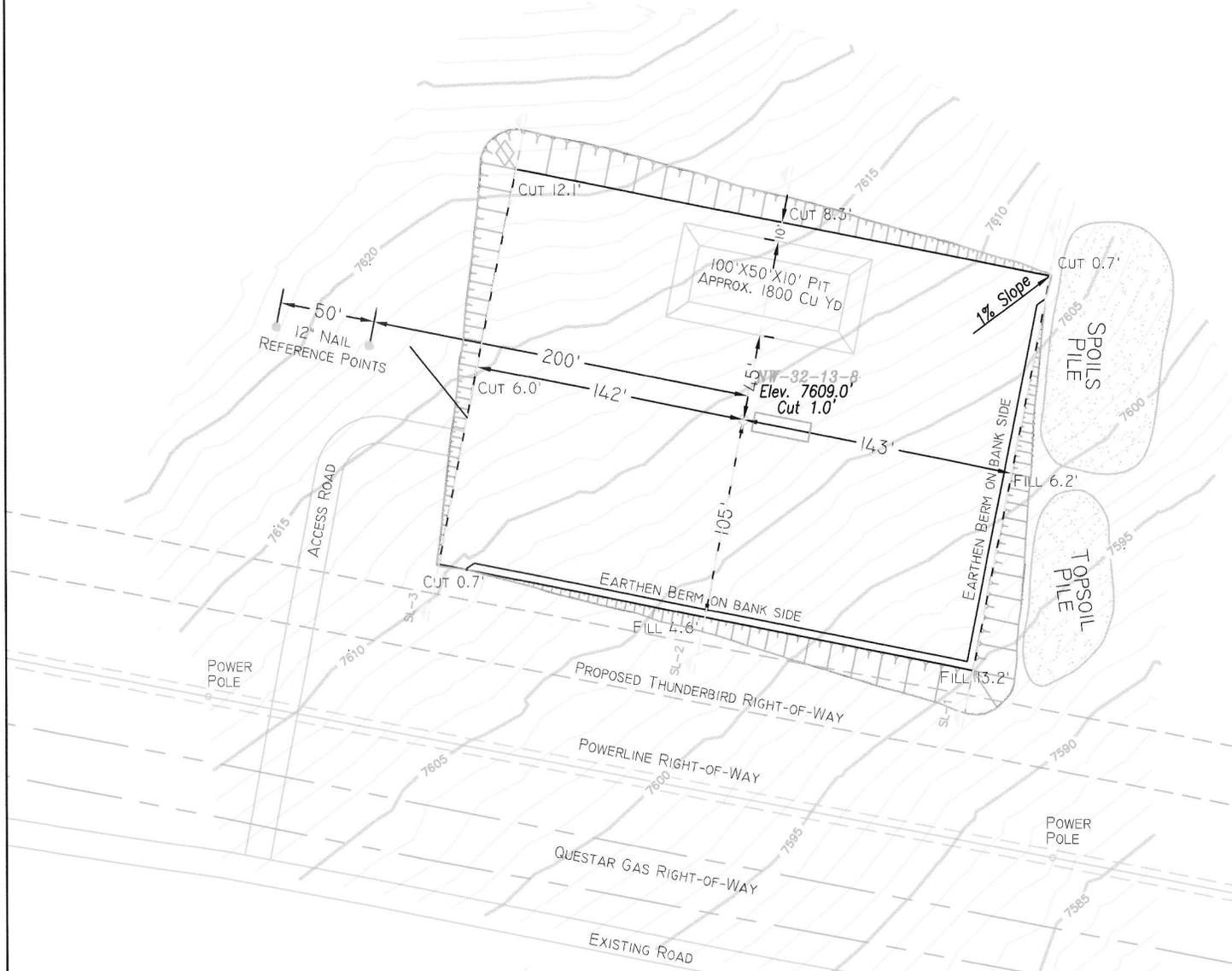


**THUNDERBIRD ENERGY**

NW-32-13-8  
Section 32, T13S, R8E, S.L.B.&M.  
Carbon County, Utah

Drawn By: <b>N. BUTKOVICH</b>	Checked By: <b>A.P.C./J.S.H.</b>
Drawing No. <b>A-1</b>	Date: <b>8/17/11</b>
	Scale: <b>1" = 1000'</b>
Sheet <b>1</b> of <b>4</b>	Job No. <b>4879</b>

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7609.0'  
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 7608.0'



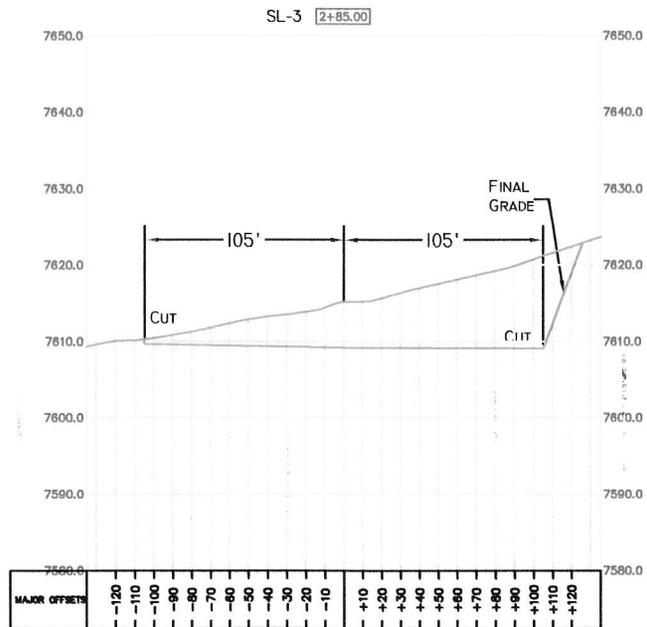
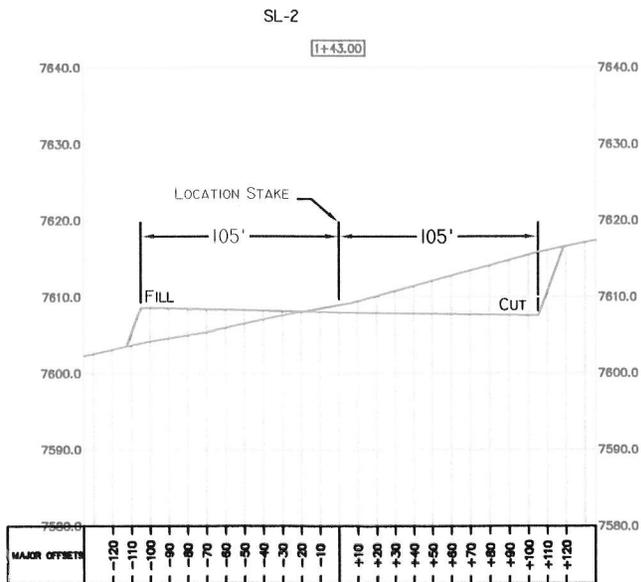
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 Huntington, Utah 84528  
 Phone (435)687-5310 Fax (435)687-5311  
 E-Mail talon@etv.net



**LOCATION LAYOUT**  
 Section 32, T13S, R8E, S.L.B.&M.  
 NW-32-13-8

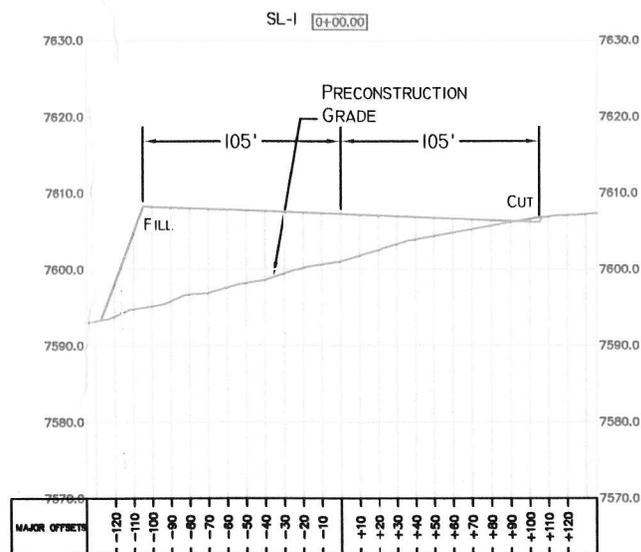
Revision: 11/23/11  
 Revision: 11/9/11  
 Revision: 10/24/11  
 Revision: 9/6/11

Drawn By: N. BUTKOVICH	Checked By: A.P.C.
Drawing No. A-2	Date: 8/16/11
	Scale: 1" = 80'
Sheet 2 of 4	Job No. 4879



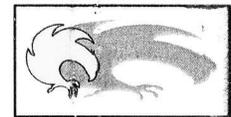
SLOPE = 1 1/2 : 1

$1" = 10'$   
 X-Section  
 Scale  
 $1" = 40'$



APPROXIMATE YARDAGES  
 (6") TOPSOIL STRIPPING = 1,310 CU. YDS.  
 TOTAL CUT = 6,490 CU. YDS.  
 TOTAL FILL = 4,830 CU. YDS.

Revision: 9/6/11



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**TYPICAL CROSS SECTION**  
 Section 32, T13S, R8E, S.L.B.&M.  
 NW-32-13-8

Drawn By: <b>N. BUTKOVICH</b>	Checked By: <b>A.P.C.</b>
Drawing No. <span style="font-size: 1.5em;"><b>C-1</b></span>	Date: <b>8/16/11</b>
	Scale: <b>1" = 100'</b>
Sheet <b>3</b> of <b>4</b>	Job No. <b>4879</b>