

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 GORDON CREEK NW-31-13-8 |
| 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 WILDCAT |
| 4. TYPE OF WELL Gas Well Coalbed Methane Well: NO | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME |
| 6. NAME OF OPERATOR GORDON CREEK, LLC | | 7. OPERATOR PHONE 403 453-1608 |
| 8. ADDRESS OF OPERATOR 1179 E Main #345, Price, UT, 84501 | | 9. OPERATOR E-MAIL rironside@thunderbirdenergy.com |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Sec 31+32 Fee Lease | 11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> | |
| 12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> | | 13. NAME OF SURFACE OWNER (if box 12 = 'fee') Mark Jacobs |
| 14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-226-3407 | | 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 914 East 300 North, Orem, UT 84097 |
| 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 | 1089 FNL 3100 FEL | NENW | 31 | 13.0 S | 8.0 E | S |
| Top of Uppermost Producing Zone | 836 FNL 3189 FEL | NENW | 31 | 13.0 S | 8.0 E | S |
| At Total Depth | 678 FNL 3246 FEL | NENW | 31 | 13.0 S | 8.0 E | S |

| | | |
|--|---|---|
| 21. COUNTY CARBON | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 836 | 23. NUMBER OF ACRES IN DRILLING UNIT 40 |
| 24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1363 | 25. PROPOSED DEPTH MD: 5039 TVD: 4968 | |
| 26. ELEVATION - GROUND LEVEL 7786 | 27. BOND NUMBER RLB0010790 | 28. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 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 - 5039 | 17.0 | N-80 LT&C | 10.0 | Class G | 319 | 2.69 | 10.7 |

ATTACHMENTS

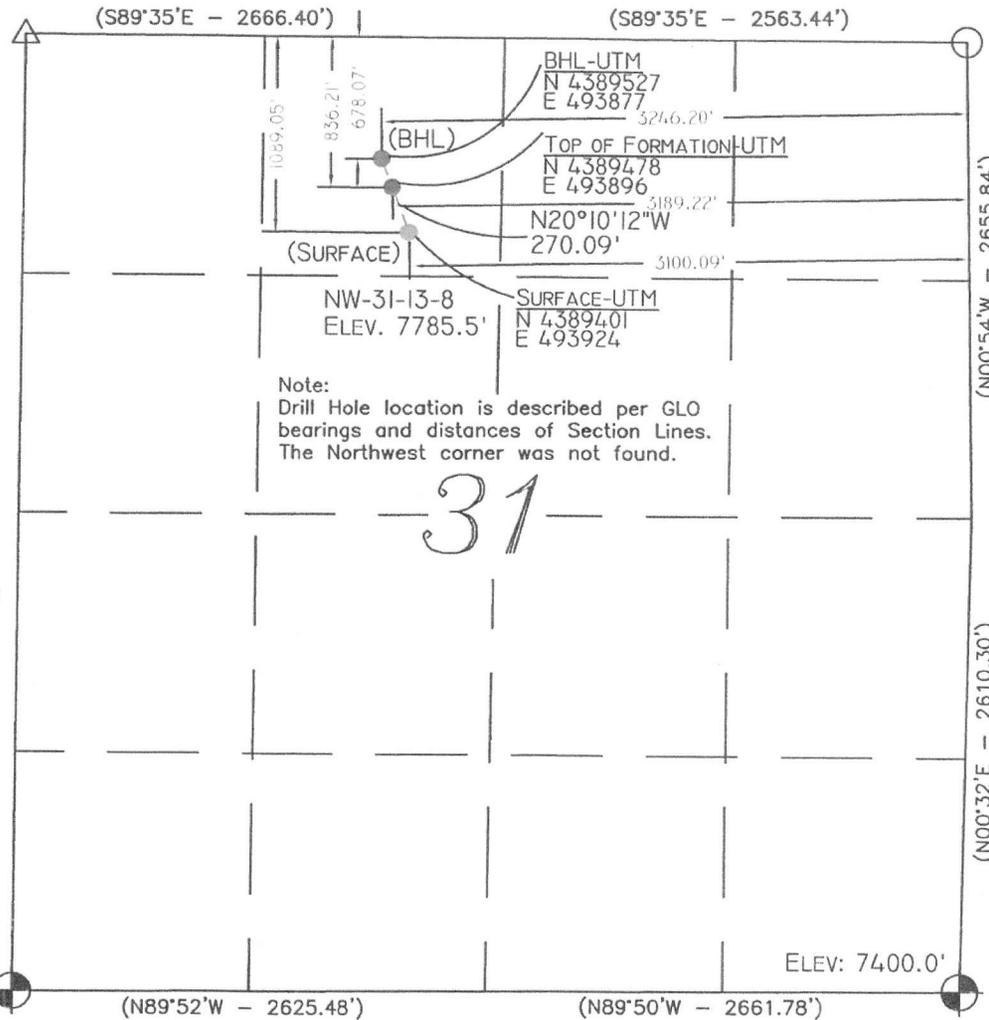
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

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

| | | |
|--|---|--|
| NAME Barry Brumwell | TITLE Vice President-Operations | PHONE 403 453-1608 |
| SIGNATURE | DATE 09/26/2011 | EMAIL bbrumwell@thunderbirdenergy.com |
| API NUMBER ASSIGNED 43007502500000 | APPROVAL  Permit Manager | |

Range 8 East

Township 13 South



Note:
Drill Hole location is described per GLO bearings and distances of Section Lines. The Northwest corner was not found.

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 Southeast Section Corner of Section 31, 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:

Surface

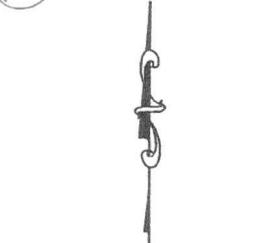
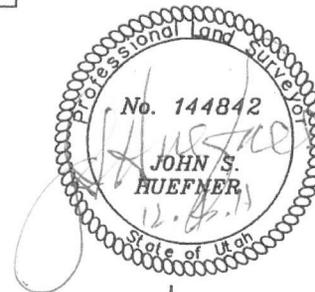
Proposed Drill Hole located in the NE/4 NW/4 of Section 31, T13S, R8E, S.L.B.&M., being South 1089.05' from North Line and West 3100.09' from East Line of Section 31, T13S, R8E, Salt Lake Base and Meridian.

Bottom Hole Location

Proposed BHL located in the NE/4 NW/4 of Section 31, T13S, R8E, S.L.B.&M., being South 678.07' from North Line and West 3246.20' from East Line of Section 31, 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.



GRAPHIC SCALE



Revision: 11/4/11

Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Stone (Found)
- △ Searched, not found
- () 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.

SURFACE

| LAT / LONG |
|-------------------------------------|
| 39°39'22.590" N 111°04'14.957" W |

TOP OF FORMATION

| LAT / LONG |
|-------------------------------------|
| 39°39'25.078" N 111°04'16.149" W |

BHL

| LAT / LONG |
|-------------------------------------|
| 39°39'26.667" N 111°04'16.948" 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 talonnetv.net

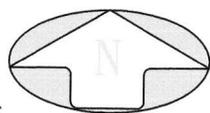
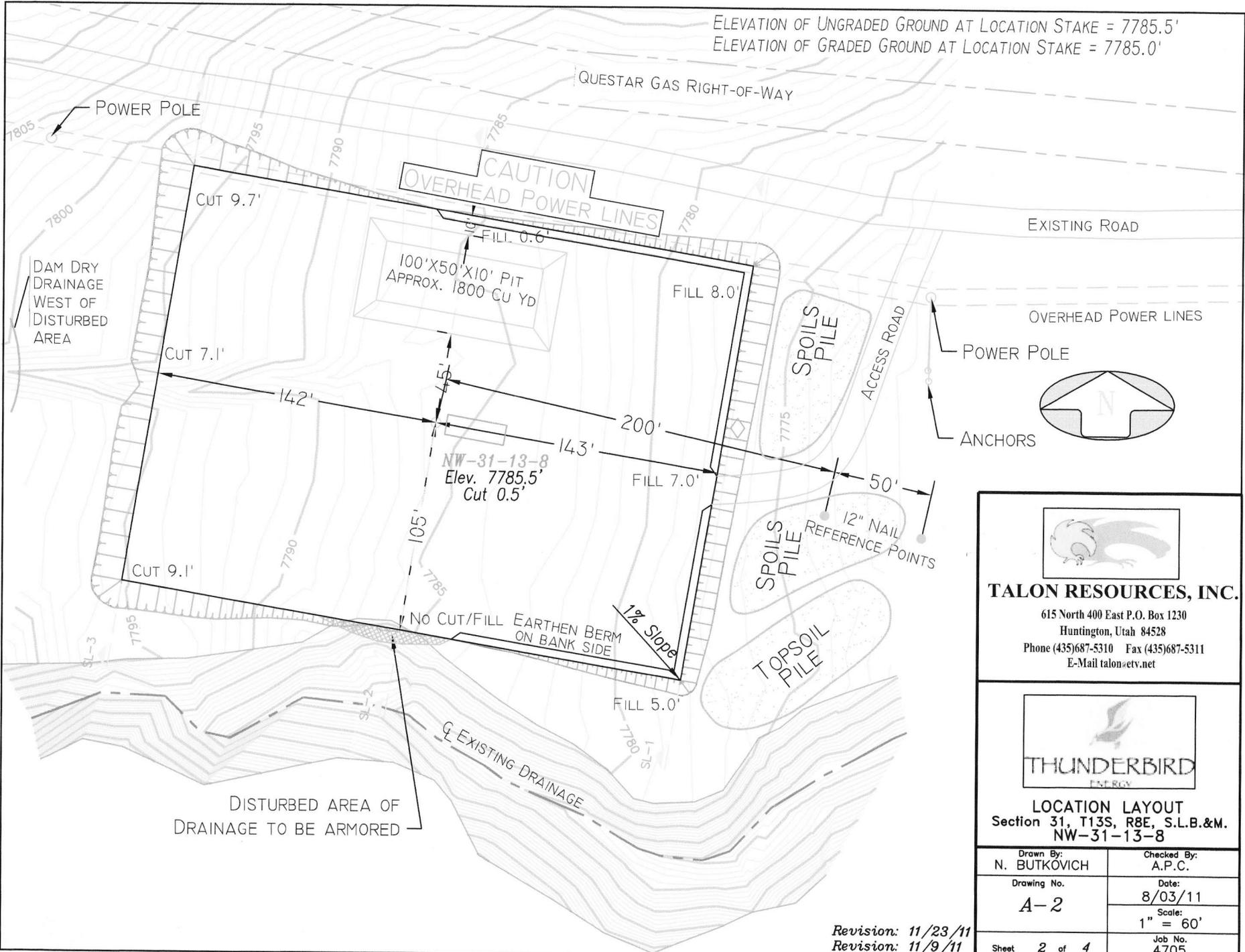


THUNDERBIRD ENERGY

NW-31-13-8
Section 31, T13S, R8E, S.L.B.&M.
Carbon County, Utah

| | |
|---------------------------|------------------------------|
| Drawn By: N. BUTKOVICH | Checked By: A.P.C./J.S.H. |
| Drawing No. A-1 | Date: 8/08/11 |
| | Scale: 1" = 1000' |
| Sheet 1 of 4 | Job No. 4705 |

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7785.5'
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 7785.0'



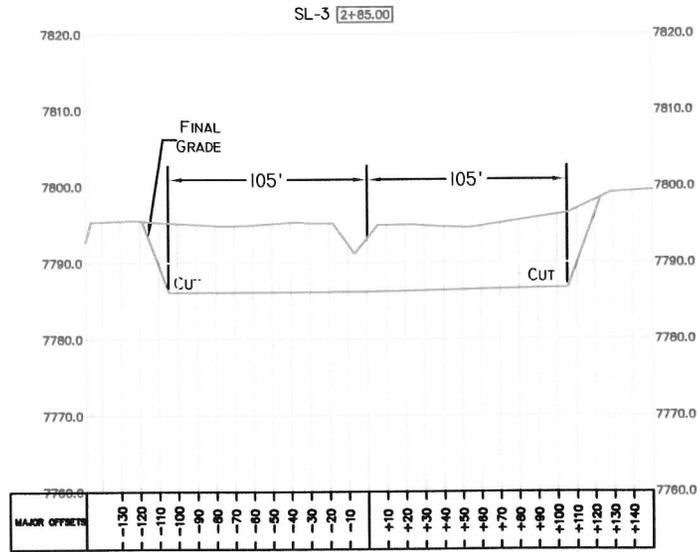
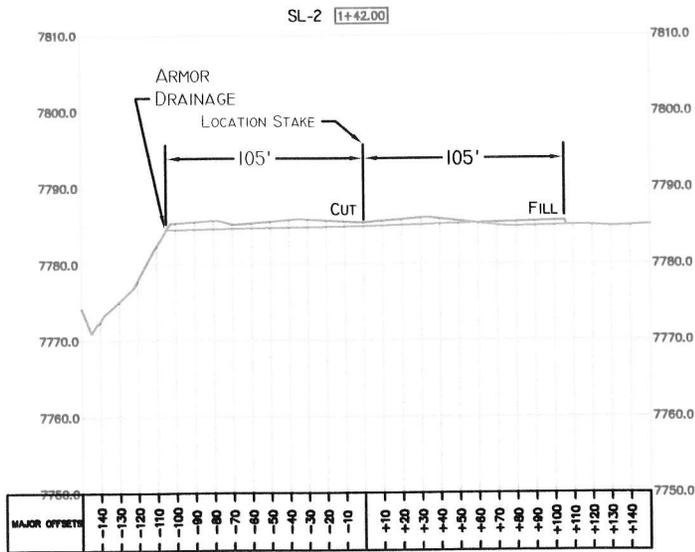

TALON RESOURCES, INC.
 615 North 400 East P.O. Box 1230
 Huntington, Utah 84528
 Phone (435)687-5310 Fax (435)687-5311
 E-Mail talon@etv.net



LOCATION LAYOUT
 Section 31, T13S, R8E, S.L.B.&M.
 NW-31-13-8

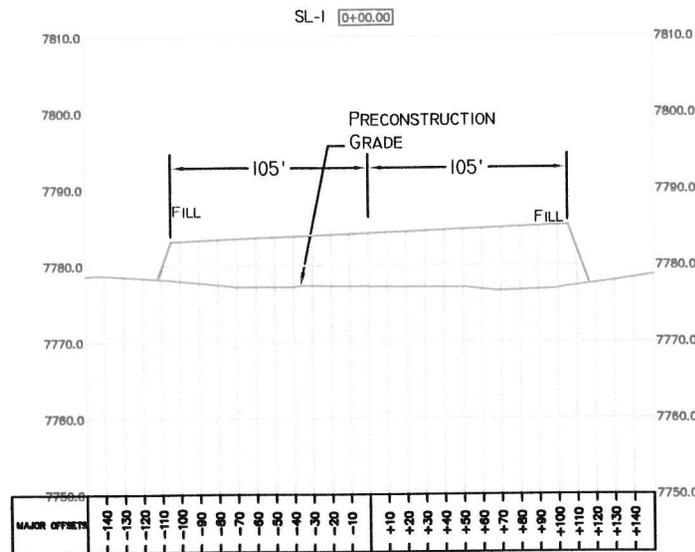
| | |
|---------------------------|-----------------------|
| Drawn By: N. BUTKOVICH | Checked By: A.P.C. |
| Drawing No. A-2 | Date: 8/03/11 |
| | Scale: 1" = 60' |
| Sheet 2 of 4 | Job No. 4705 |

Revision: 11/23/11
 Revision: 11/9/11



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

SLOPE = 1 1/2 : 1

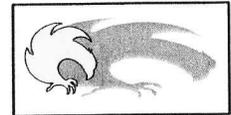


APPROXIMATE YARDAGES

(6") TOPSOIL STRIPPING = 1,280 CU. YDS.

TOTAL CUT = 5,700 CU. YDS.

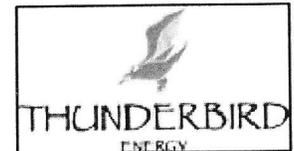
TOTAL FILL = 3,300 CU. YDS.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230
Huntington, Utah 84528

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



TYPICAL CROSS SECTION
Section 31, T13S, R8E, S.L.B.&M.
NW-31-13-8

| | |
|----------------------------|-----------------------|
| Drawn By: N. BUTKOVICH | Checked By: A.P.C. |
| Drawing No. C-1 | Date: 8/03/11 |
| | Scale: 1" = 100' |
| Sheet 3 of 4 | Job No. 4705 |