

**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> Thurston 11-31-7-21
<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> UNDESIGNATED
<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> DEL-RIO RESOURCES INC		<b>7. OPERATOR PHONE</b> 970 254-3114
<b>8. ADDRESS OF OPERATOR</b> P.O. Box 459, Vernal, UT, 84078		<b>9. OPERATOR E-MAIL</b> allinpro@bresnan.net
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> ML-52016	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<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	2295 FSL 1722 FWL	NESW	31	7.0 S	21.0 E	S
Top of Uppermost Producing Zone	2295 FSL 1722 FWL	NESW	31	7.0 S	21.0 E	S
At Total Depth	2295 FSL 1722 FWL	NESW	31	7.0 S	21.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 345	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40
<b>27. ELEVATION - GROUND LEVEL</b> 4668	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1100	<b>26. PROPOSED DEPTH</b> MD: 9000    TVD: 9000
	<b>28. BOND NUMBER</b> 8734397758	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Municipal

**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	22	16	0 - 80	65.0	H-40 ST&C	8.3	Class A	93	1.18	15.6
SURF	12.25	8.625	0 - 1050	24.0	J-55 ST&C	8.4	Class G	417	1.56	14.6
PROD	7.875	5.5	0 - 9000	17.0	J-55 LT&C	8.8	50/50 Poz	1371	1.24	14.35

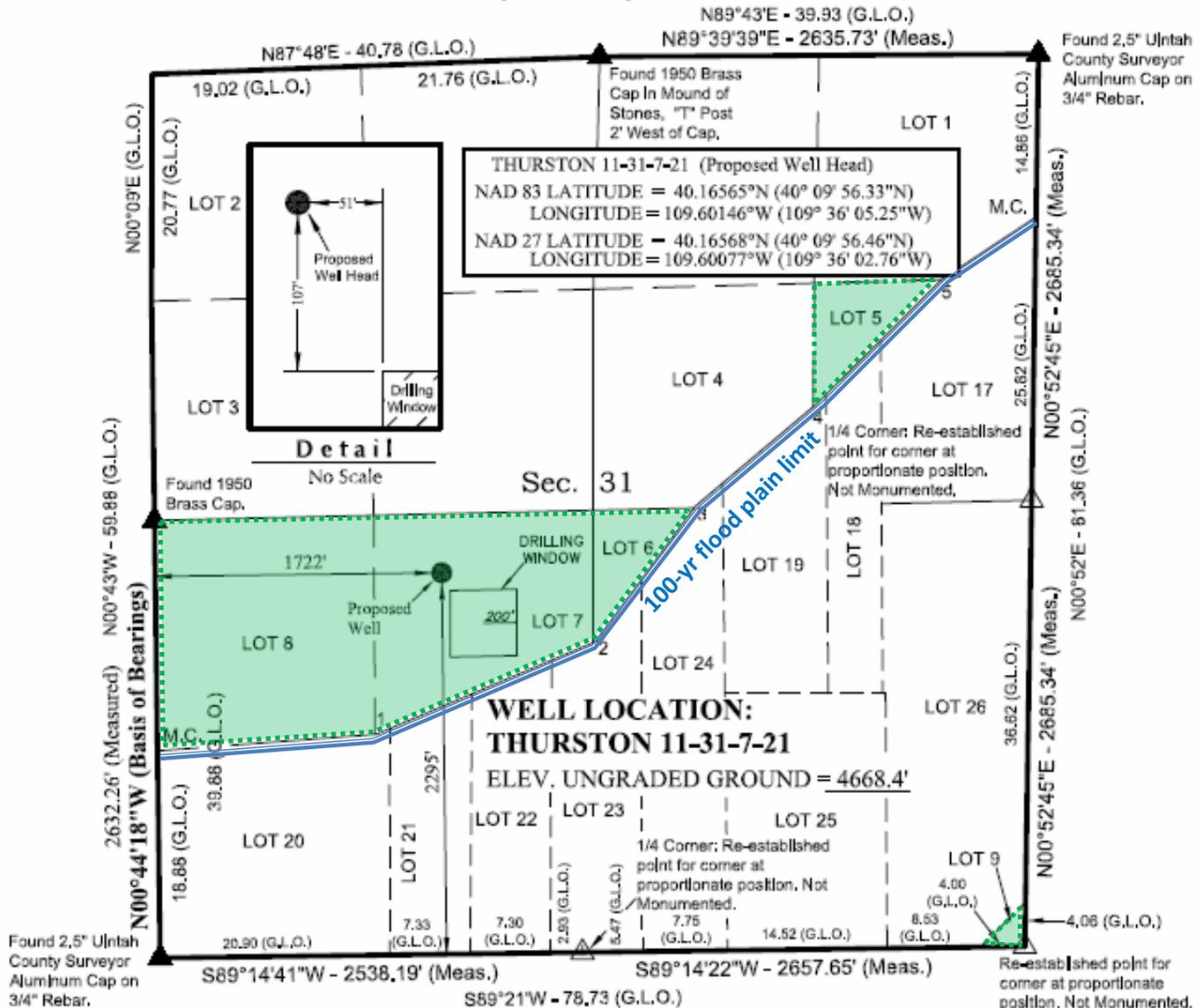
**ATTACHMENTS**

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 checked="" 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> David L. Allin	<b>TITLE</b> Vice President/Exploration Mgr	<b>PHONE</b> 970 254-3114
<b>SIGNATURE</b>	<b>DATE</b> 07/17/2015	<b>EMAIL</b> allinpro@bresnan.net
<b>API NUMBER ASSIGNED</b> 43047554150000	<b>APPROVAL</b>   Permit Manager	

# T7S, R21E, S.L.B.&M.



**NOTES:** The remainder of Section 31 is Federal withdrawn minerals.

- ▲ - Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. Government Land Office (G.L.O.) distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. BASIS OF ELEVATION: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM



**SCALE**  
**SURVEYOR'S CERTIFICATE**

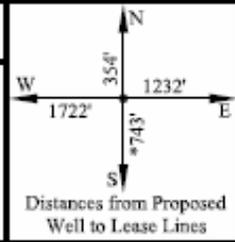
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*John R. Slough*  
 JOHN R. SLOUGH  
 PROFESSIONAL LAND SURVEYOR  
 REGISTRATION NO. 6028691  
 STATE OF UTAH

**THURSTON ENERGY LLC**  
 Utah SITLA ML 52016

Distances measured perpendicular to the Lease Line

**LEGAL PLAT**  
**THURSTON 11-31-7-21**  
**2295' FSL, 1722' FWL**  
**LOT 7 OF SECTION 31, T7S, R21E,**  
**S.L.B.&M., UTAH COUNTY, UTAH.**



**TIMBERLINE ENGINEERING & LAND SURVEYING, INC.** (435) 789-1365  
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 12-22-11	SURVEYED BY: D.J.S.	SHEET <b>2</b> OF 11
DATE DRAWN: 01-10-12	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'		Date Last Revised: 02-14-12 M.W.W.