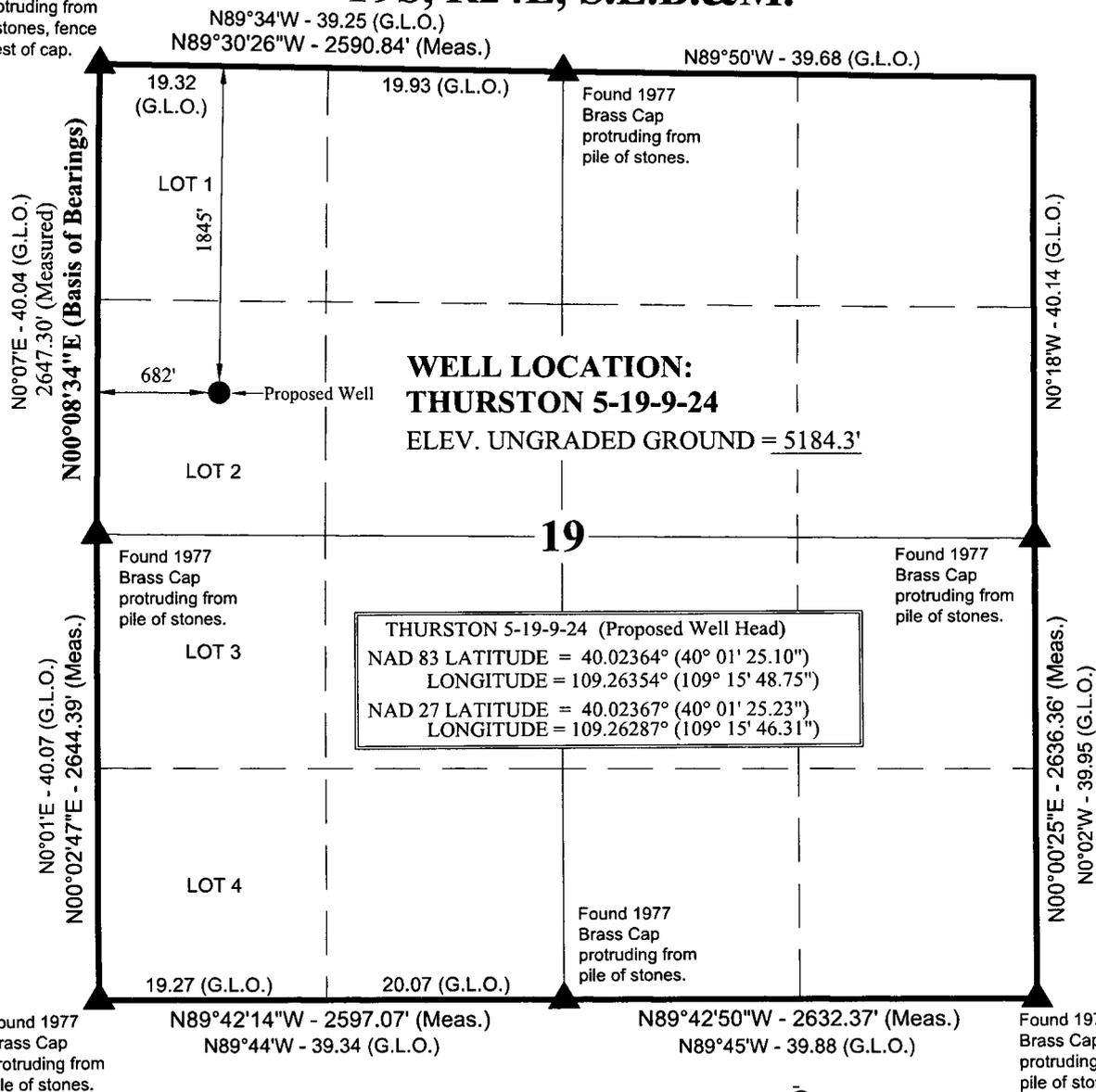


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>
<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> Thurston 5-19-9-24		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> DEVILS PLAYGROUND		
<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> THURSTON ENERGY OPERATING				<b>7. OPERATOR PHONE</b> 214 704-3896		
<b>8. ADDRESS OF OPERATOR</b> 365 W. 50 N. Ste W-8, Vernal, UT, 84078				<b>9. OPERATOR E-MAIL</b> rcurton@thurstonenergy.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> U-31266		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>				<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"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	1845 FNL 682 FWL	SWNW	19	9.0 S	24.0 E	S
<b>Top of Uppermost Producing Zone</b>	1845 FNL 682 FWL	SWNW	19	9.0 S	24.0 E	S
<b>At Total Depth</b>	1845 FNL 682 FWL	SWNW	19	9.0 S	24.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 682		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 1600		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1700		<b>26. PROPOSED DEPTH</b> MD: 8000 TVD: 8000		
<b>27. ELEVATION - GROUND LEVEL</b> 5184		<b>28. BOND NUMBER</b> UT-000181		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> White River Permit #49-2286		
<b>ATTACHMENTS</b>						
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>						
<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 type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
<b>NAME</b> Russell H. Cox		<b>TITLE</b> Operations Manager		<b>PHONE</b> 435 789-8580		
<b>SIGNATURE</b>		<b>DATE</b> 12/27/2010		<b>EMAIL</b> russell.cox@thurstonenergy.com		
<b>API NUMBER ASSIGNED</b> 43047514260000		<b>APPROVAL</b>  Permit Manager				

# T9S, R24E, S.L.B.&M.

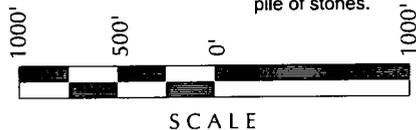
Found 1977 Brass Cap protruding from pile of stones, fence post west of cap.



**NOTES:**

▲ = 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 IS BENCH MARK 46 EAM LOCATED IN THE SW 1/4 OF SECTION 23, T9S, R24E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE BONANZA 7.5 MIN. QUADRANGLE AS BEING 5550'.



**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.

No. 6028691  
 JOHN R. SLAUGHTER  
 PROFESSIONAL LAND SURVEYOR  
 REGISTRATION No. 6028691  
 STATE OF UTAH

## THURSTON ENERGY OPERATING COMPANY

### LEGAL PLAT

**THURSTON 5-19-9-24**  
**1845' FNL, 682' FWL**  
**LOT 2 OF SECTION 19, T9S, R24E,**  
**S.L.B.&M., UINTAH COUNTY, UTAH.**

### TIMBERLINE

(435) 789-1365

**ENGINEERING & LAND SURVEYING, INC.**  
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-25-10	SURVEYED BY: D.J.S.	SHEET
DATE DRAWN: 10-28-10	DRAWN BY: M.W.W.	<b>2</b>
SCALE: 1" = 1000'	Date Last Revised:	OF 11

