

**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> Hand 7-8D-5-4
<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> APPALOOSA OPERATING COMPANY LLC		<b>7. OPERATOR PHONE</b> 832 419-0889
<b>8. ADDRESS OF OPERATOR</b> 1776 Woodstead Ct., Suite 121, The Woodlands, TX, 77380		<b>9. OPERATOR E-MAIL</b> BPosey@AppaloosaEnergy.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Fee	<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> James Hand		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 435-776-5731
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 961 Whitney Rd., Walla Walla, WA 99362		<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 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	2314 FNL 2158 FEL	SWNE	8	5.0 S	4.0 W	U
Top of Uppermost Producing Zone	2139 FNL 2068 FEL	SWNE	8	5.0 S	4.0 W	U
At Total Depth	1980 FNL 1980 FEL	SWNE	8	5.0 S	4.0 W	U

<b>21. COUNTY</b> DUCHEсне	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 327	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 3311	<b>26. PROPOSED DEPTH</b> MD: 6512 TVD: 6500	
<b>27. ELEVATION - GROUND LEVEL</b> 6172	<b>28. BOND NUMBER</b> CD 0279605749	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-2204

**Hole, Casing, and Cement Information**

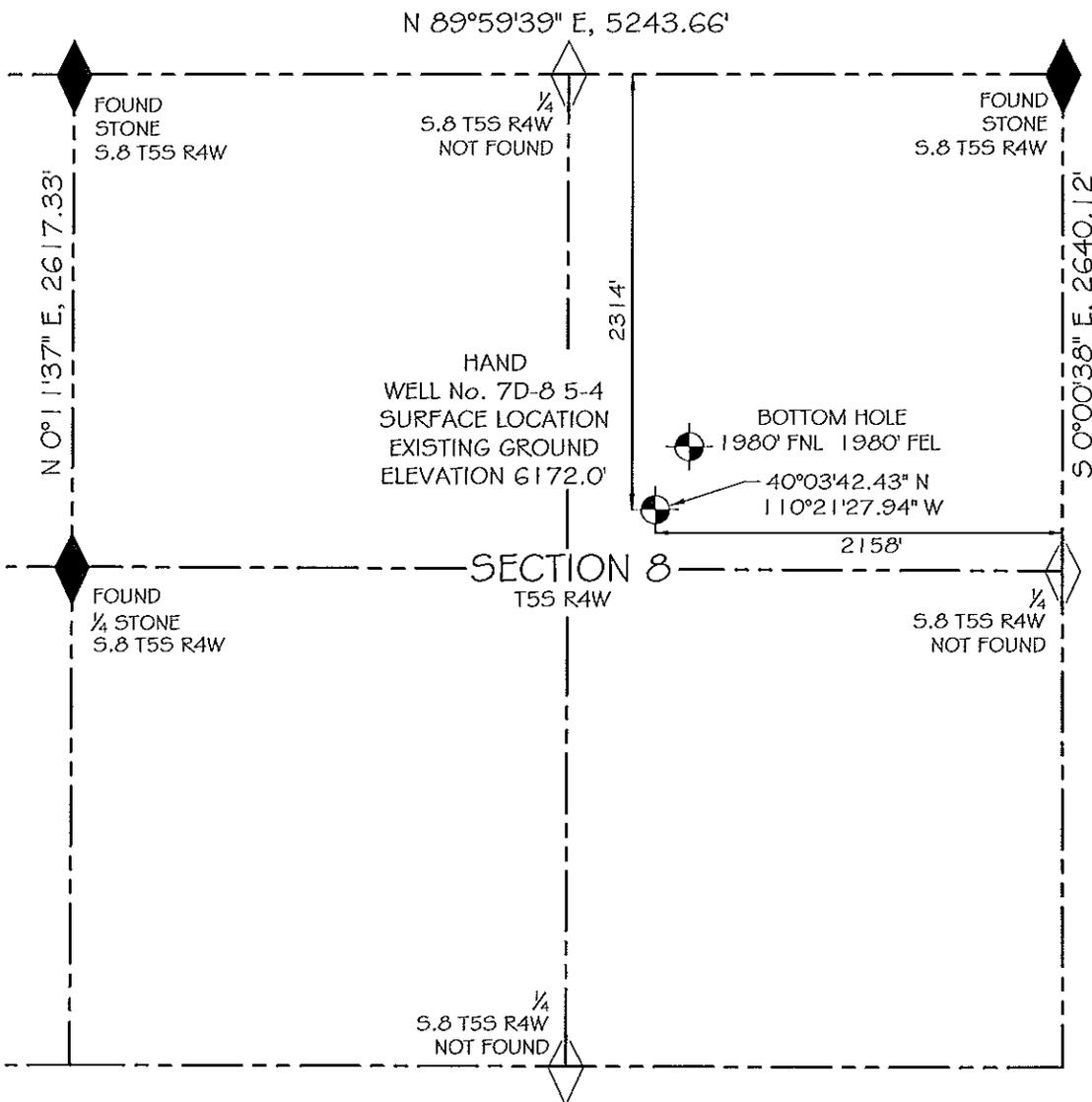
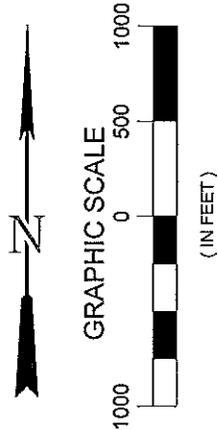
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 650	24.0	J-55 ST&C	8.6	Class G	310	1.15	15.8
PROD	7.875	5.5	0 - 6500	15.5	J-55 LT&C	8.9	Hi Lift "G"	180	3.82	11.0
							50/50 Poz	475	1.26	14.2

**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

<b>NAME</b> ShirI Ames	<b>TITLE</b> Document Control Specialist	<b>PHONE</b> 307 675-6400
<b>SIGNATURE</b>	<b>DATE</b> 08/27/2012	<b>EMAIL</b> ShirI.Ames@woodgroup.com
<b>API NUMBER ASSIGNED</b> 43013517010000	<b>APPROVAL</b>   Permit Manager	



**BASIS OF BEARING**  
Geodetic North at CP WOOD  
40°04'04.86465" N, 110°23'05.75067" W (NAD 83)

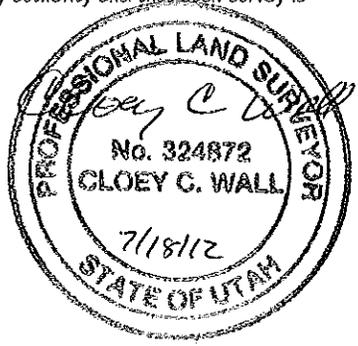
**BASIS OF ELEVATION**  
NAVD 88 using Geoid 09

**SURVEY NOTE**  
The E 1/4 corner of S.8 T5S, R4W USB#M was not found - used GLO distance and bearing.  
The N 1/4 corner of S.8 T5S, R4W USB#M was not found - used distance and bearing between found NE and NW corners of S.8 T5S, R4W USB#M.

**CERTIFICATE OF SURVEYOR**

STATE of WYOMING )  
COUNTY of UINTA ) ss

I, Cloey C. Wall, of Uinta Engineering and Surveying, Inc. hereby state that I am by occupation a Professional Land Surveyor employed by the Wood Group PSN to make the survey of the well described and shown on this plat; that the survey of said works was made under my supervision and under my authority and that such survey is accurately represented hereon.



Map to ACCOMPANY  
APPLICATION FOR PERMIT to DRILL  
HAND WELL No. 7D-8 5-4  
2314' FSL, 2158' FWL  
SECTION 8, T5S, R4W, USB#M  
DUCHESNE COUNTY, UT

