

**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> Ute Tribal 18-12-D4
<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> DUCHESNE
<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> PETROGLYPH OPERATING CO		<b>7. OPERATOR PHONE</b> 208 685-7685
<b>8. ADDRESS OF OPERATOR</b> 960 Broadway Avenue, Ste 500, Boise, ID, 83703		<b>9. OPERATOR E-MAIL</b> ppowell@pgei.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> I109IND5351	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input 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> III Exploration II, LP		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 960 Broadway Ave. Ste. 500, Boise, ID 83707		<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	2700 FNL 497 FWL	NWSW	18	4.0 S	4.0 W	U
Top of Uppermost Producing Zone	1980 FSL 660 FWL	NWSW	18	4.0 S	4.0 W	U
At Total Depth	1980 FSL 660 FWL	NWSW	18	4.0 S	4.0 W	U

<b>21. COUNTY</b> DUCHESNE	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 497	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 4150
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1954	<b>26. PROPOSED DEPTH</b> MD: 8974 TVD: 8922	
<b>27. ELEVATION - GROUND LEVEL</b> 6109	<b>28. BOND NUMBER</b> LPM4138336	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-8342

**Hole, Casing, and Cement Information**

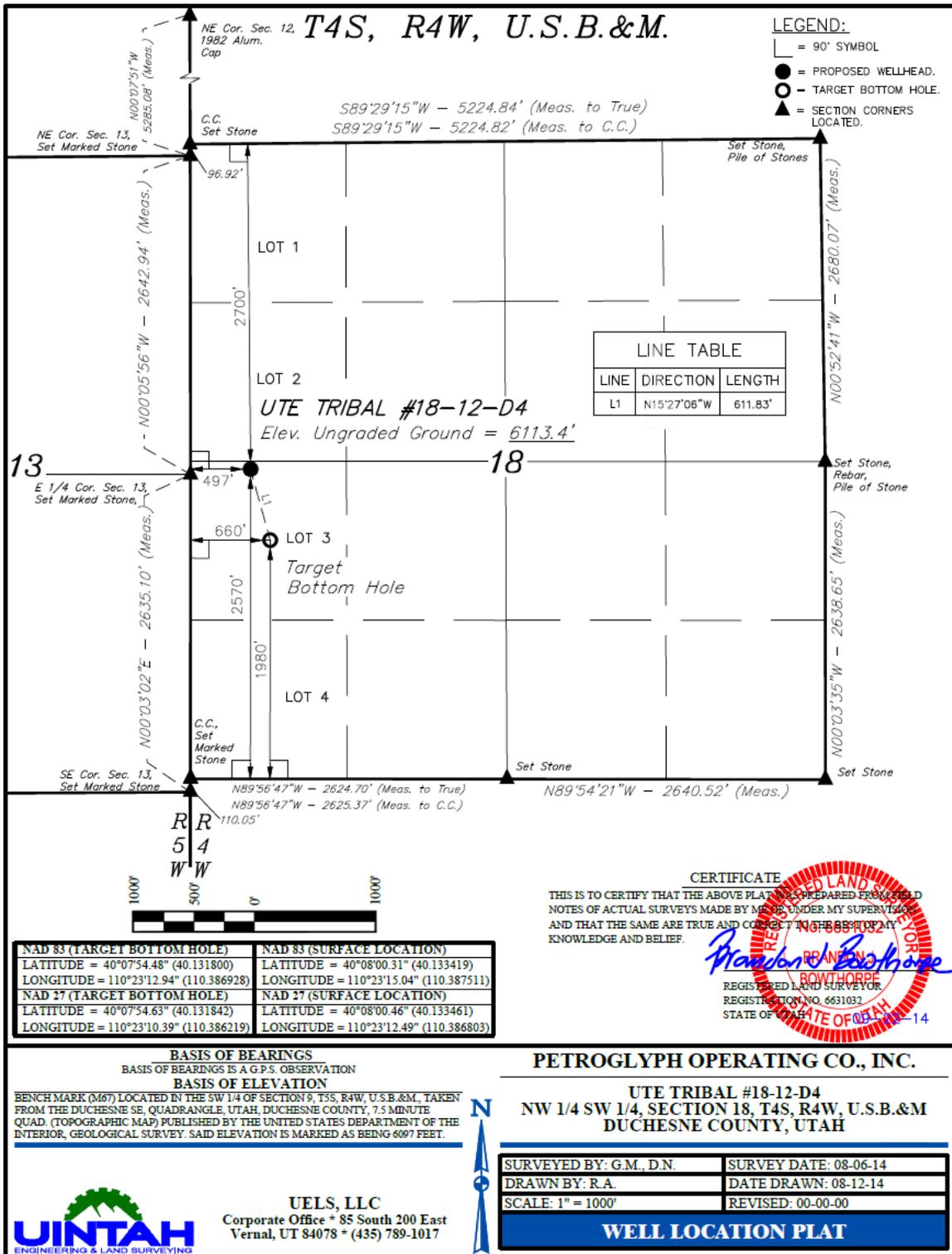
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	16	0 - 53	5.0	Unknown	10.0	Class G	25	1.17	15.8
Surf	12.25	8.625	0 - 2063	24.0	J-55 ST&C	10.0	Class G	946	1.17	15.8
Prod	7.875	5.5	0 - 8974	17.0	P-110 LT&C	10.0	Class G	537	1.92	12.5
							Class G	678	1.46	13.4

**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> Ed Trotter	<b>TITLE</b> Agent	<b>PHONE</b> 435 789-4120
<b>SIGNATURE</b>	<b>DATE</b> 11/18/2014	<b>EMAIL</b> edtrotter@easilink.com
<b>API NUMBER ASSIGNED</b> 43013532300000	<b>APPROVAL</b>   Permit Manager	



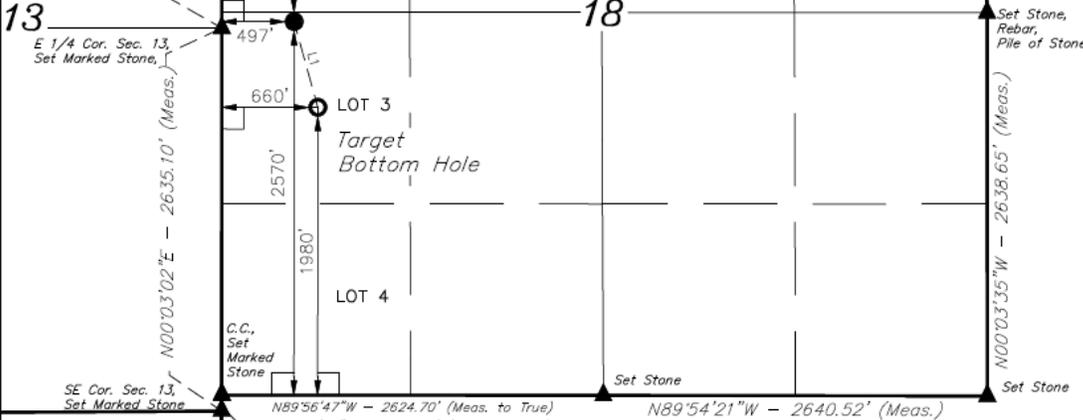
NE Cor. Sec. 12, 1982 Alum. Cap  
 NE Cor. Sec. 13, Set Marked Stone  
 C.C. Set Stone

T4S, R4W, U.S.B.&M.  
 589°29'15"W - 5224.84' (Meas. to True)  
 589°29'15"W - 5224.82' (Meas. to C.C.)

LEGEND:  
 □ = 90° SYMBOL  
 ● = PROPOSED WELLHEAD.  
 ○ = TARGET BOTTOM HOLE.  
 ▲ = SECTION CORNERS LOCATED.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N15°27'06"W	611.83'

UTE TRIBAL #18-12-D4  
 Elev. Ungraded Ground = 6113.4'



NE Cor. Sec. 13, Set Marked Stone  
 E 1/4 Cor. Sec. 13, Set Marked Stone  
 SE Cor. Sec. 13, Set Marked Stone  
 C.C., Set Marked Stone

96.92'  
 2700'  
 497'  
 660'  
 2570'  
 1980'  
 110.05'

N89°56'47"W - 2624.70' (Meas. to True)  
 N89°56'47"W - 2625.37' (Meas. to C.C.)  
 N89°54'21"W - 2640.52' (Meas.)



NAD 83 (TARGET BOTTOM HOLE) LATITUDE = 40°07'54.48" (40.131800) LONGITUDE = 110°23'12.94" (110.386928)	NAD 83 (SURFACE LOCATION) LATITUDE = 40°08'00.31" (40.133419) LONGITUDE = 110°23'15.04" (110.387511)
NAD 27 (TARGET BOTTOM HOLE) LATITUDE = 40°07'54.63" (40.131842) LONGITUDE = 110°23'10.39" (110.386219)	NAD 27 (SURFACE LOCATION) LATITUDE = 40°08'00.46" (40.133461) LONGITUDE = 110°23'12.49" (110.386803)

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

*Brandon B. Bohne*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 6631032  
 STATE OF UTAH

BASIS OF BEARINGS  
 BASIS OF BEARINGS IS A G.P.S. OBSERVATION

BASIS OF ELEVATION  
 BENCHMARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T35S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6097 FEET.

PETROGLYPH OPERATING CO., INC.  
 UTE TRIBAL #18-12-D4  
 NW 1/4 SW 1/4, SECTION 18, T4S, R4W, U.S.B.&M  
 DUCHESNE COUNTY, UTAH



UELS, LLC  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



SURVEYED BY: G.M., D.N.	SURVEY DATE: 08-06-14
DRAWN BY: R.A.	DATE DRAWN: 08-12-14
SCALE: 1" = 1000'	REVISED: 00-00-00

**WELL LOCATION PLAT**