

**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 18-04X
<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> ANTELOPE CREEK
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> ANTELOPE CREEK
<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> 1420H623513	<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 checked="" 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> Ute Indian Tribe	<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	474 FNL 1288 FWL	NENW	18	5.0 S	3.0 W	U
Top of Uppermost Producing Zone	600 FNL 500 FWL	NWNW	18	5.0 S	3.0 W	U
At Total Depth	600 FNL 500 FWL	NWNW	18	5.0 S	3.0 W	U

<b>21. COUNTY</b> DUCHESNE	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 474	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 742	<b>26. PROPOSED DEPTH</b> MD: 6241 TVD: 6154	
<b>27. ELEVATION - GROUND LEVEL</b> 6190	<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	14	0 - 54	5.0	Unknown	10.0	Class G	25	1.17	15.8
SURF	12.25	8.625	0 - 494	24.0	J-55 ST&C	10.0	Class G	227	1.17	15.8
PROD	7.875	5.5	0 - 6241	15.5	J-55 LT&C	10.0	Class G	475	1.92	12.5
							Class G	338	1.46	13.4

**ATTACHMENTS**

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

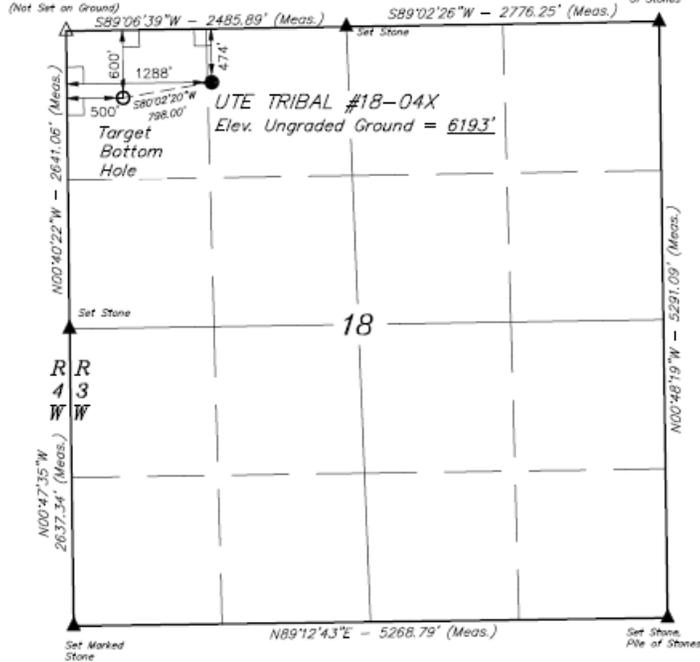
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN 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> 09/12/2013	<b>EMAIL</b> edtrotter@easilink.com
<b>API NUMBER ASSIGNED</b> 43013524620000	<b>APPROVAL</b>   Permit Manager	

T5S, R3W, U.S.B.&M.

Position Here Established  
Used Bearing True  
Information  
(Not Set on Ground)

Set Marked  
Stone, Pile  
of Stones



**LEGEND:**

- └─ 90° SYMBOL
- - PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°03'07.75" (40.052153)	LATITUDE = 40°03'08.01" (40.052503)
LONGITUDE = 110°16'23.57" (110.273214)	LONGITUDE = 110°16'13.44" (110.270400)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°03'07.89" (40.052192)	LATITUDE = 40°03'08.15" (40.052542)
LONGITUDE = 110°16'21.02" (110.272506)	LONGITUDE = 110°16'10.89" (110.269592)

**PETROGLYPH OPERATING CO., INC.**

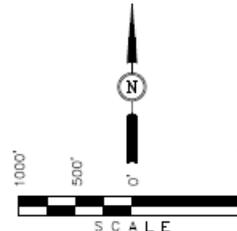
Well location, UTE TRIBAL #18-04X, located as shown in the NE 1/4 NW 1/4 of Section 18, T5S, R3W, U.S.B.&M., Duchesne County, Utah.

**BASIS OF ELEVATION**

BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING LOCATED IN THE SE 1/4 OF SECTION 18, T5S, R3W, U.S.B.&M. SAID ELEVATION IS MARKED AS BEING 6281.9 FEET.

**BASIS OF BEARINGS**

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



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLANS WERE PREPARED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REV: 09-05-13 C.A.G.  
REV: 04-08-13 A.T.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1019

SCALE 1" = 1000'	DATE SURVEYED: 10-17-12	DATE DRAWN: 11-08-12
PARTY J.C. M.M. B.L.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE PETROGLYPH OPERATING CO., INC.	