

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Ute Tribal 16-04Q
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT ANTELOPE CREEK
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME ANTELOPE CREEK
6. NAME OF OPERATOR PETROGLYPH OPERATING CO		7. OPERATOR PHONE 208 685-7685
8. ADDRESS OF OPERATOR 960 Broadway Avenue, Ste 500, Boise, ID, 83703		9. OPERATOR E-MAIL ppowell@pgei.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H623511	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	19. SLANT 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	797 FNL 571 FWL	NWNW	16	5.0 S	3.0 W	U
Top of Uppermost Producing Zone	10 FNL 10 FEL	NENE	17	5.0 S	3.0 W	U
At Total Depth	10 FNL 10 FEL	NENE	17	5.0 S	3.0 W	U

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 571	23. NUMBER OF ACRES IN DRILLING UNIT 640
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 39	26. PROPOSED DEPTH MD: 6499 TVD: 6375
27. ELEVATION - GROUND LEVEL 6205	28. BOND NUMBER LPM4138336	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 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 - 53	5.0	Unknown	10.0	Class G	25	1.17	15.8
SURF	12.25	8.625	0 - 493	24.0	J-55 ST&C	10.0	Class G	226	1.17	15.8
PROD	7.875	5.5	0 - 6499	15.5	J-55 LT&C	10.0	Class G	497	1.92	12.5
							Class G	349	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

NAME Ed Trotter	TITLE Agent	PHONE 435 789-4120
SIGNATURE	DATE 10/31/2013	EMAIL edtrotter@easilink.com
API NUMBER ASSIGNED 43013526300000	APPROVAL  Permit Manager	

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

PETROGLYPH OPERATING CO., INC.

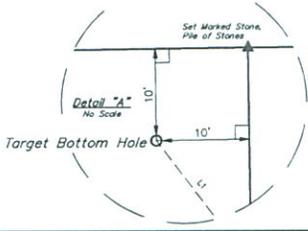
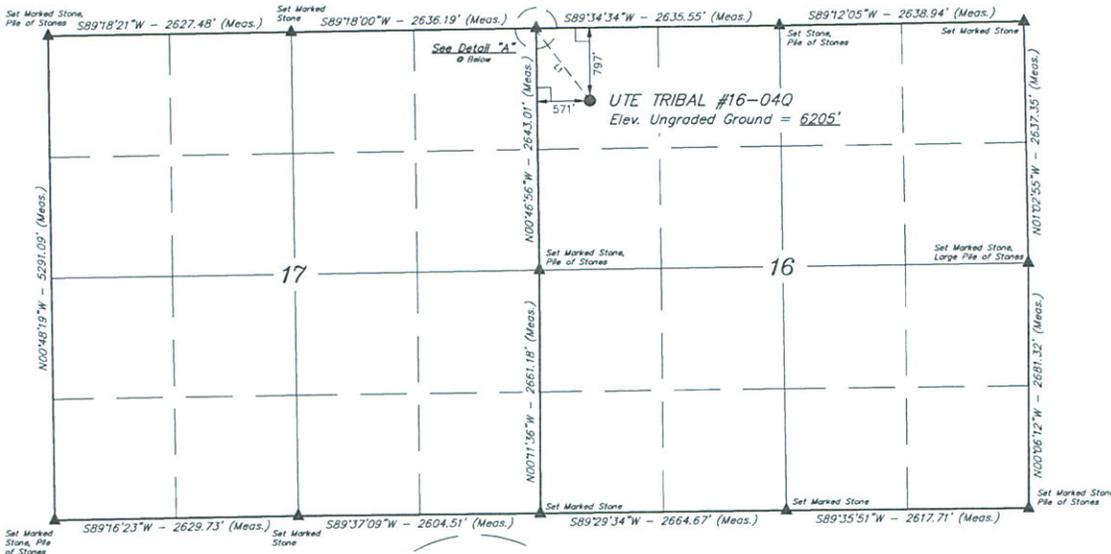
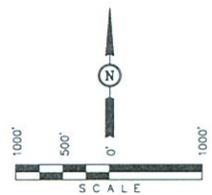
Well location, UTE TRIBAL #16-040, located as shown in the NW 1/4 NW 1/4 of Section 16, T5S, R3W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING LOCATED IN THE SE 1/4 OF SECTION 16, T5S, R3W, U.S.B.&M. SAID ELEVATION IS MARKED AS BEING 6261.9 FEET.

BASIS OF BEARINGS

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



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N37°04'39\"/>	

CERTIFICATE
 THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS SUPERVISED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 [Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 341319
 STATE OF UTAH

LEGEND:
 L = 90° SYMBOL
 ● = PROPOSED WELL HEAD.
 ▲ = SECTION CORNERS LOCATED.

REVISED: 11-06-13		
UNTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - YERNAL UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 09-25-13	DATE DRAWN: 10-03-13
PARTY T.A. J.L. S.F.	REFERENCES G.L.O. PLAT	FILE
WEATHER WARM	PETROGLYPH OPERATING CO., INC.	

HAD. B3 (TARGET BOTTOM HOLE)		HAD. B3 (SURFACE LOCATION)	
LATITUDE = 40°03'13.80" (40.053778)	LONGITUDE = 110°41'14.72" (110.237431)	LATITUDE = 40°03'05.78" (40.051606)	LONGITUDE = 110°41'07.28" (110.235356)
HAD. Z2 (TARGET BOTTOM HOLE)		HAD. Z2 (SURFACE LOCATION)	
LATITUDE = 40°03'13.74" (40.053817)	LONGITUDE = 110°41'12.19" (110.236719)	LATITUDE = 40°03'05.92" (40.051644)	LONGITUDE = 110°41'04.73" (110.234647)