

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 NAVAJO 114-10 (MCELMO P-17)
2. TYPE OF WORK DRILL NEW WELL <input type="radio"/> REENTER P&A WELL <input type="radio"/> DEEPEN WELL <input checked="" type="radio"/>		3. FIELD OR WILDCAT GREATER ANETH
4. TYPE OF WELL Water Injection Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME MCELMO CREEK
6. NAME OF OPERATOR RESOLUTE NATURAL RESOURCES		7. OPERATOR PHONE 303 534-4600
8. ADDRESS OF OPERATOR 1675 Boradway Ste 1950, Denver, CO, 80202		9. OPERATOR E-MAIL pflynn@resoluteenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420603263	11. MINERAL OWNERSHIP FEDERAL <input type="radio"/> INDIAN <input checked="" type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>	12. SURFACE OWNERSHIP FEDERAL <input type="radio"/> INDIAN <input checked="" type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>
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') Shiprock	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/>	19. SLANT VERTICAL <input type="radio"/> DIRECTIONAL <input checked="" type="radio"/> HORIZONTAL <input type="radio"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	579 FNL 1837 FEL	NWNE	8	41.0 S	25.0 E	S
Top of Uppermost Producing Zone	554 FNL 1794 FEL	NWNE	8	41.0 S	25.0 E	S
At Total Depth	537 FNL 1764 FEL	NWNE	8	41.0 S	25.0 E	S

21. COUNTY SAN JUAN	22. DISTANCE TO NEAREST LEASE LINE (Feet) 542	23. NUMBER OF ACRES IN DRILLING UNIT 40
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1500	26. PROPOSED DEPTH MD: 5563 TVD: 5551	
27. ELEVATION - GROUND LEVEL 4572	28. BOND NUMBER B001263	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE lease produced water

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	15	10.75	0 - 1321	32.75	H-40 ST&C	0.0	Class B	1080	0.0	0.0
PROD	9	7	0 - 5572	23.0	J-55 Casing/Tubing	0.0	Class B	350	0.0	0.0

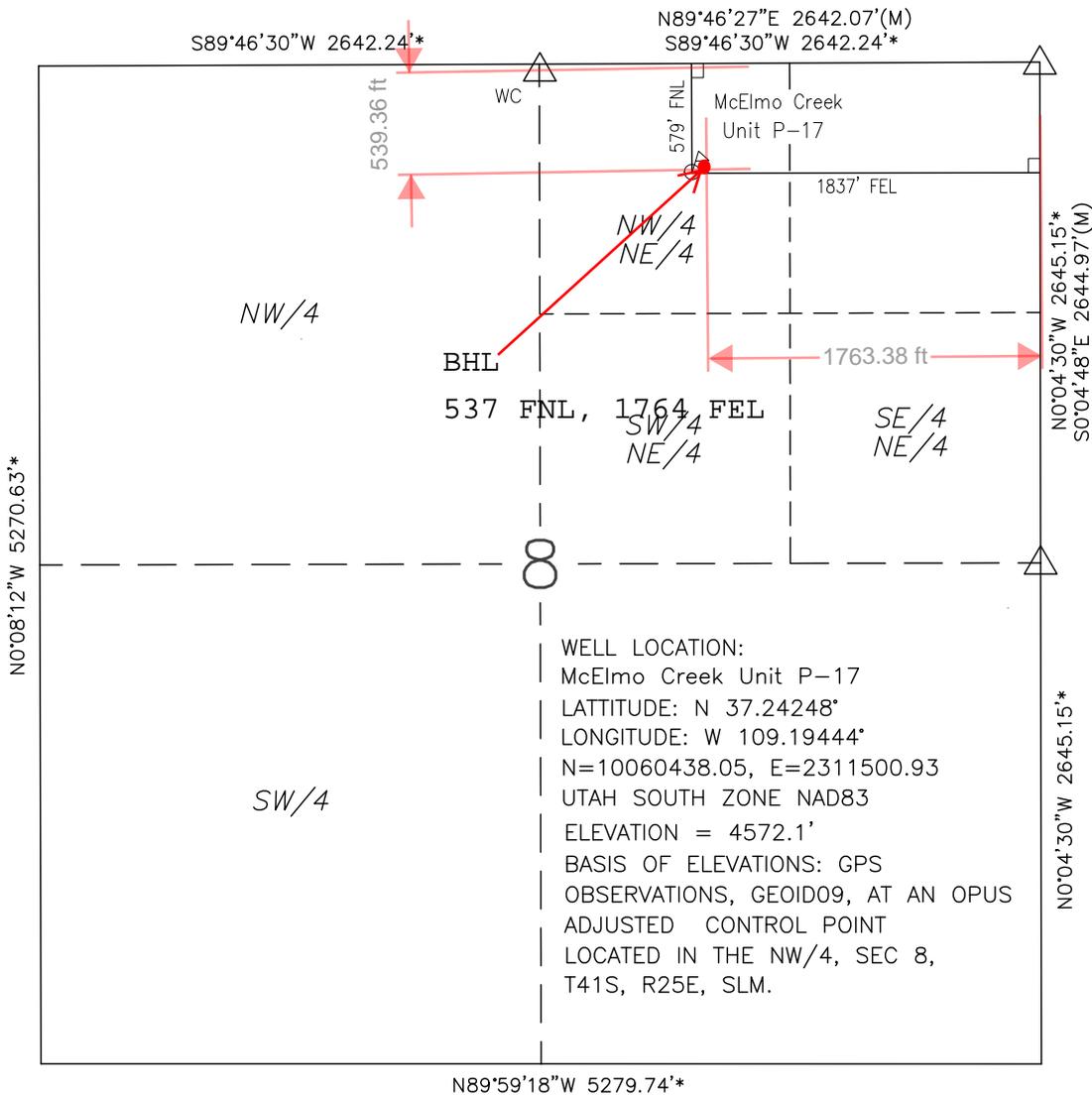
ATTACHMENTS

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 Sherry Glass	TITLE Sr Regulatory Technician	PHONE 303 573-4886
SIGNATURE	DATE 09/14/2012	EMAIL sglass@resoluteenergy.com
API NUMBER ASSIGNED 43037155190000	APPROVAL  Permit Manager	

Well Location - McElmo Creek Unit P-17



N
W —  — E
S

BASIS OF BEARINGS
GPS TRUE NORTH

0 500 1000
1" = 1000'
GROUND

- LEGEND:**
-  FND USBLM 3-1/4" BC DATED 2004
 -  90° TIE
 - (M) MEASURED
 - * RECORD
 -  WELL LOCATION

WELL LOCATION:
 McElmo Creek Unit P-17
 LATITUDE: N 37.24248°
 LONGITUDE: W 109.19444°
 N=10060438.05, E=2311500.93
 UTAH SOUTH ZONE NAD83
 ELEVATION = 4572.1'
 BASIS OF ELEVATIONS: GPS
 OBSERVATIONS, GEOID09, AT AN OPUS
 ADJUSTED CONTROL POINT
 LOCATED IN THE NW/4, SEC 8,
 T41S, R25E, SLM.

I, Gerald G. Huddleston, do hereby certify that I am a registered Utah land surveyor holding certificate number 161297 as prescribed under the laws of the State of Utah, and I further certify that under authority of the owner I have surveyed the well location as shown hereon and that the same is correct and true to the best of my knowledge and belief.

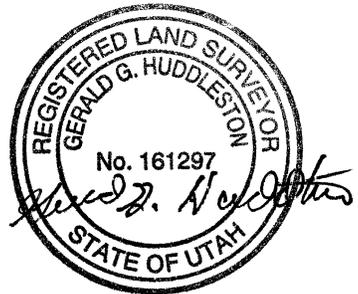


EXHIBIT A

FOOTAGE 579' FNL 1837' FEL	RESOLUTE NATURAL RESOURCES		
SEC 8, T41S, R25E, SLM, SAN JUAN COUNTY, UT			
LAT: N 37.24248° LON: W 109.19444° (NAD83)	SURVEYED: 08/27/12		
ELEVATION: 4572.1' at ground level (NAVD88)	DRAWN BY: GEL	DATE: 09/08/12	
NOTE: Re-entry of existing well.	REVISION:		