

**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> Aneth A-414X
<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> GREATER ANETH
<b>4. TYPE OF WELL</b> Water Injection Well Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> ANETH
<b>6. NAME OF OPERATOR</b> RESOLUTE NATURAL RESOURCES		<b>7. OPERATOR PHONE</b> 303 534-4600
<b>8. ADDRESS OF OPERATOR</b> 1675 Boradway Ste 1950, Denver, CO, 80202		<b>9. OPERATOR E-MAIL</b> pflynn@resoluteenergy.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTSL 070968	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</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 checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	788 FSL 818 FWL	SWSW	14	40.0 S	23.0 E	S
Top of Uppermost Producing Zone	788 FSL 818 FWL	SWSW	14	40.0 S	23.0 E	S
At Total Depth	788 FSL 818 FWL	SWSW	14	40.0 S	23.0 E	S

<b>21. COUNTY</b> SAN JUAN	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 788	<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> 1220	<b>26. PROPOSED DEPTH</b> MD: 5797 TVD: 5797	
<b>27. ELEVATION - GROUND LEVEL</b> 4756	<b>28. BOND NUMBER</b> UTB000169	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 09-1428

**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	24	16	0 - 90	65.0	C-75 Casing/Tubing	9.4	Unknown	134	1.25	26.0
SURF	14.75	10.75	0 - 1677	40.5	J-55 ST&C	9.4	Premium Lite High Strength	465	1.88	12.5
							Premium Plus	133	1.16	15.8
							50/50 Poz	490	1.9	12.4
PROD	9.875	7	0 - 5614	26.0	J-55 LT&C	10.2	Type V	72	1.31	13.5
							50/50 Poz	660	1.88	12.5
							Type V	134	1.15	15.8
OPEN	6.125	0	0 - 5797	0.0	No Pipe Used	0.0	No Used	0	0.0	0.0

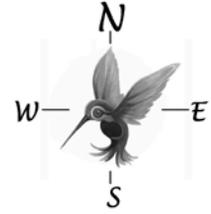
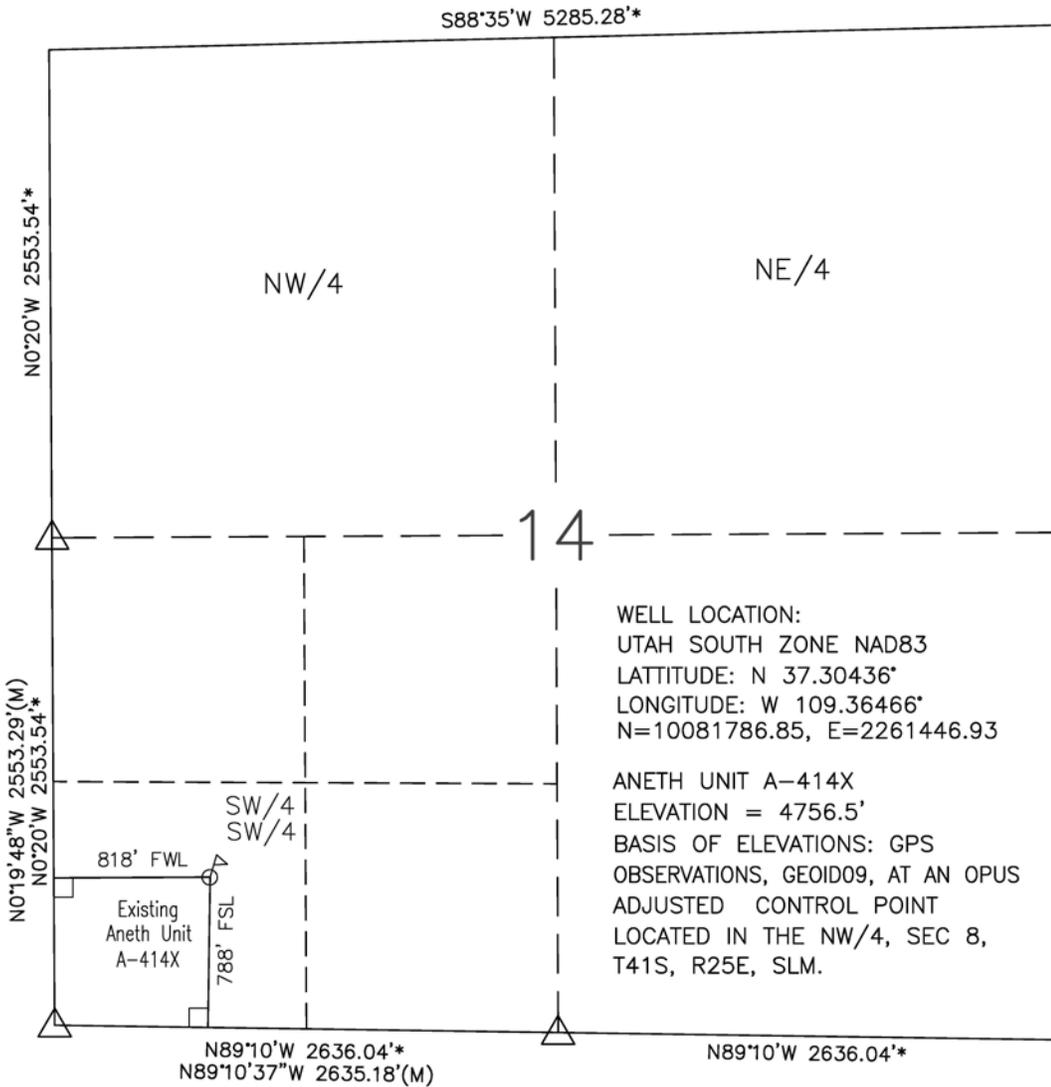
**ATTACHMENTS**

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

<b>NAME</b> Sara Bohl	<b>TITLE</b> Regulatory Analyst	<b>PHONE</b> 303 534-4600
<b>SIGNATURE</b>	<b>DATE</b> 10/16/2012	<b>EMAIL</b> sbohl@ResoluteEnergy.com
<b>API NUMBER ASSIGNED</b> 43037500380000	<b>APPROVAL</b>  Permit Manager	

# Well Location - Aneth Unit A-414X



BASIS OF BEARINGS  
GPS TRUE NORTH

0 500 1000



1"=1000'  
GROUND

## LEGEND:

- △ FND USBLM 3-1/4" BC
- L 90° TIE
- (M) MEASURED
- \* RECORD - BLM 1988
- △ WELL LOCATION

WELL LOCATION:  
UTAH SOUTH ZONE NAD83  
LATITUDE: N 37.30436°  
LONGITUDE: W 109.36466°  
N=10081786.85, E=2261446.93

ANETH UNIT A-414X  
ELEVATION = 4756.5'  
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.

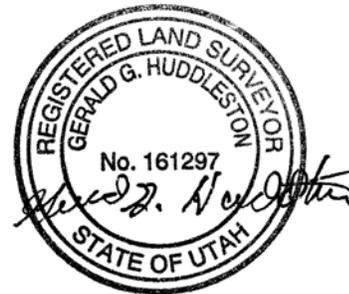


EXHIBIT A

FOOTAGE: 788' FSL      818' FWL	<b>RESOLUTE</b> NATURAL RESOURCES		
SEC 14, T40S, R23E, SLM, SAN JUAN COUNTY, UT			
LAT: N 37.30436°      LON: W 109.36466°	SURVEYED: 06/13/12		
	DRAWN BY: GEL	DATE: 06/17/12	
ELEVATION: 4756.5' at ground level (NAVD88)	NOTE:		