

**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 UNIT B414
<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> Oil 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>12. SURFACE 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>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>
<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 type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	935 FSL 2078 FWL	SESW	14	40.0 S	23.0 E	S
Top of Uppermost Producing Zone	935 FSL 2078 FWL	SESW	14	40.0 S	23.0 E	S
At Total Depth	935 FSL 2078 FWL	SESW	14	40.0 S	23.0 E	S

<b>21. COUNTY</b> SAN JUAN	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1222	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 2560
<b>24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1064	<b>25. PROPOSED DEPTH</b> MD: 5815 TVD: 5815	
<b>26. ELEVATION - GROUND LEVEL</b> 4724	<b>27. BOND NUMBER</b> UTB000169	<b>28. 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	20	16	0 - 90	48.0	H-40 ST&C	8.3	Unknown	115	1.17	15.6
Surf	14.75	12.75	0 - 1650	40.5	J-55 ST&C	8.3	Premium Lite High Strength Type V	505 175	1.96 1.18	12.3 15.6
Prod	9.875	7	0 - 5610	26.0	J-55 LT&C	8.3	50/50 Poz Type V	765 175	1.41 1.18	13.1 15.6
Open	6.125	0	0 - 0	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

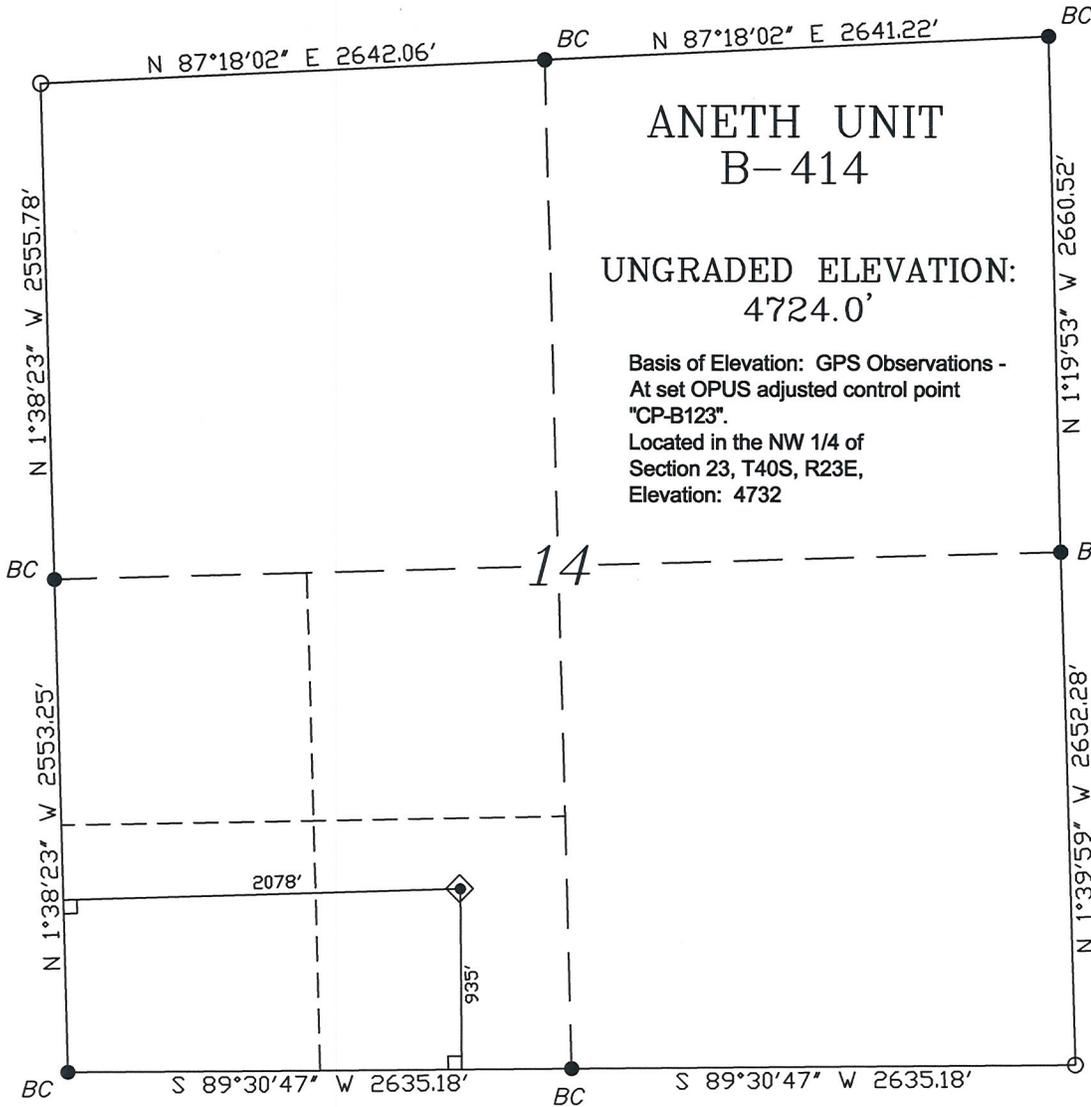
<b>NAME</b> Shera Gantenbein	<b>TITLE</b> Regulatory Analyst	<b>PHONE</b> 303 534-4600
<b>SIGNATURE</b>	<b>DATE</b> 07/05/2011	<b>EMAIL</b> sgantenbein@resoluteenergy.com
<b>API NUMBER ASSIGNED</b> 43037500110000	<b>APPROVAL</b>  Permit Manager	

R. 23 E.



SCALE: 1" = 1000'

T. 40 S.



ANETH UNIT  
B-414

UNGRADED ELEVATION:  
4724.0'

Basis of Elevation: GPS Observations -  
At set OPUS adjusted control point  
"CP-B123".

Located in the NW 1/4 of  
Section 23, T40S, R23E,  
Elevation: 4732

LATITUDE  
NORTH 37.304719 DEG.  
LONGITUDE  
WEST 109.359663 DEG.

NORTHING  
239444.56  
EASTING  
2622497.10

DATUM  
UTAH SP SOUTH (1927)



**SURVEYOR'S STATEMENT:**

I, Marshall W. Lindeen, of Farmington, New Mexico, hereby state: This map was made from notes taken during an actual survey under my direct supervision on DECEMBER 10, 2010, and it correctly shows the location of ANETH UNIT B-414.

**NOTES**

- ◆ PROPOSED WELL LOCATION
- FOUND MONUMENT
- CALCULATED POSITION
- L DENOTES 90° TIE



EXHIBIT A



**PLAT OF PROPOSED WELL LOCATION  
FOR  
RESOLUTE NATURAL RESOURCES COMPANY**

P.O. BOX 3651  
FARMINGTON, N.M.  
(505) 334-0408

SCALE: 1" = 1000'  
JOB No. 9863  
DATE: 12/28/10

**935' F/SL & 2078' FWL, SECTION 14,  
T. 40 S, R. 23 E, SALT LAKE MERIDIAN  
SAN JUAN COUNTY, UTAH**