

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 SEPCO STATE 30-23 #1-16H
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 WILDCAT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR SOUTHWESTERN ENERGY PRODUCTION COMPANY		7. OPERATOR PHONE 281 618-7414
8. ADDRESS OF OPERATOR 2350 N Sam Houston Pkwy E, Suite 125, Houston, TX, 77032		9. OPERATOR E-MAIL Amy_Johnson@swn.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML51650	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
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 type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	796 FSL 412 FEL	SESE	16	30.0 S	23.0 E	S
Top of Uppermost Producing Zone	1207 FSL 812 FEL	SWSW	16	30.0 S	23.0 E	S
At Total Depth	660 FNL 1130 FWL	NWNW	16	30.0 S	23.0 E	S

21. COUNTY SAN JUAN	22. DISTANCE TO NEAREST LEASE LINE (Feet) 412	23. NUMBER OF ACRES IN DRILLING UNIT 640
27. ELEVATION - GROUND LEVEL 5877	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 26670	26. PROPOSED DEPTH MD: 12807 TVD: 7705
	28. BOND NUMBER 09086761	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 1002

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	17.5	13.375	0 - 1640	54.5	J-55 ST&C	8.6	Class G	1900	1.2	15.6
I1	12.25	9.625	0 - 5340	40.0	HCP-110 LT&C	8.6	Class G	880	1.8	12.82
							Class G	350	1.18	15.6
I2	8.5	7	0 - 8052	29.0	HCP-110 LT&C	14.5	Class G	285	1.66	13.2
							Class G	170	1.07	16.4
L1	6	4.5	6852 - 12807	11.6	P-110 LT&C	14.5	No Used	0	0.0	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 checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Amy Johnson	TITLE Regulatory Supervisor	PHONE 281 618-7414
SIGNATURE	DATE 12/13/2012	EMAIL Amy_Johnson@swn.com
API NUMBER ASSIGNED 43037500400000	APPROVAL  Permit Manager	

