FILE NO._________________________ DRAWING NO._________ SCALE:____________________ |

STATE OF WEST VIRGINIA Division of Environmental Protection OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF GAS) PRODUCTION X STORAGE, DEEP SHALLOW X

LOCATION: ELEVATION ________1,427.6______WATER SHED, Whitestone Creek

DISTRICT ______________________ COUNTY ____________ QUADRANGLE ________________

SURFACE OWNER ________________________ ACREAGE __________ ac. OIL & GAS ROYALTY OWNER ________________________

Robert and Linda Bonnette, Robert and Barbara Blas, & Larry and Glenda Riss

LEASE NO. ________________________

PROPOSED WORK: DRILL X CONVERT __ DRILL DEEPER __ REDRILL __ FRACTURE OR STIMULATE __ PLUG OFF OLD FORMATION __ PERFORATE NEW FORMATION __ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON ____________ CLEAN OUT AND REPLUG ______________________

TARGET FORMATION: ___________________________ ESTIMATED DEPTH TVD = _______ 7114 ___ PTD = ________ 12774 

WELL OPERATOR SWN Production Co. LLC DESIGNATED AGENT Dee Southall

ADDRESS P.O. Box 1300 Jane Lew, WV 26976 ADDRESS P.O. Box 1300 Jane Lew, WV 26976

STATE OF WEST VIRGINIA DATE August 27, 2015 OPERATOR’S WELL NO. Bonnette MSH 406H API WELL NO. 47-051-01832HoKov

I, ___________________________, R.P.E., hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

(SIGNED) ___________________________

DAVID JACKSON No. 705 PROFESSIONAL SURVEYOR

 stateofwestvirginiaprofessionalsurveyor.com

STATE OF WEST VIRGINIA

409 H - 1/2

7 1/2

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

Note: Ties to wells and corners are based on State Plane Grid North WV North Zone NAD 1983. Disposition of Horizontal Leg Shown are based upon information taken from DPB mapping, well plats and aerial photos.

Note: All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DPB mapping, well plats and aerial photos.

Note: No water wells were found within 300' of the location. A diamond is located 10’ out from the center of the pad.

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# Southwestern Energy Company Proposed Drilling Program

<table>
<thead>
<tr>
<th>Well</th>
<th>BONNETTE MSH 406</th>
<th>Re-entry Rig</th>
<th>SDC 42</th>
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<tr>
<td>Field</td>
<td>VICTORY FIELD</td>
<td>Prospect</td>
<td>VICTORY</td>
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<td>MARSHALL</td>
<td>State</td>
<td>WV</td>
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<td>SHL</td>
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<td>BHL</td>
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<td>GL Elev</td>
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**Tubular Detail**

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**Cement Detail**

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<td>Production Tall</td>
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</tbody>
</table>

**Water Depth**

- 645' TVD
- Coal Depth - 1110' TVD

**Received**

AUG - 6  2015

Office of Oil and Gas
WV Dept. of Environmental Protection

Data source: K:\EandP\WVD\Team Data\Drilling\Wells\Bonnette Pad\BONNETTE 406\Drilling Program\Master SWN Well Input Sheet v 8-0-1.xltm

NOTE: This drawing was created for the Reentry Rig. The depths and lengths shown in the plot are referenced to Reentry Rig Datum.