State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

Farm name: Burch Ridge  
Operator Well No.: 5H

LOCATION:  
Elevation: 1328'  
Quadrangle: Powhatan Point 7.5'

District: Franklin  
County: Marshall

Latitude: 38°40'05"  
Feet South of 39°47'47"  
Min. 30 Sec.

Longitude: 80°47'30"  
Feet West of 80°47'30"  
Min. 30 Sec.

Company: Gastar Exploration USA, Inc

<table>
<thead>
<tr>
<th>Address: 229 West Main St, Suite 301</th>
<th>Casing &amp; Tubing</th>
<th>Used in drilling</th>
<th>Left in well</th>
<th>Cement fill up Cu. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarksburg, WV 26301</td>
<td>20&quot;</td>
<td></td>
<td>110'</td>
<td>Sanded</td>
</tr>
<tr>
<td>Agent: Michael McCown</td>
<td>13 3/8&quot;</td>
<td></td>
<td>616'</td>
<td>992 ft(^3)</td>
</tr>
<tr>
<td>Inspector: Bill Hendershot</td>
<td>9 5/8&quot;</td>
<td></td>
<td>2514'</td>
<td>1290 ft(^3)</td>
</tr>
<tr>
<td>Date Permit Issued: 1-13-2012</td>
<td>5 1/2&quot;</td>
<td></td>
<td>12,507'</td>
<td>3457 ft(^3)</td>
</tr>
<tr>
<td>Date Well Work Commenced: 1-24-2012</td>
<td>2 3/8&quot;</td>
<td></td>
<td>6503'</td>
<td></td>
</tr>
<tr>
<td>Date Well Work Completed: 8-4-2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Verbal Plugging:

- Date Permission granted on: 
  - Rotary [ ]  
  - Cable [ ]  
  - Rig [✓]

- Total Vertical Depth (ft): 6612'
- Total Measured Depth (ft): 12,506'
- Fresh Water Depth (ft): 60'
- Salt Water Depth (ft): 1600'
- Is coal being mined in area (N/Y)? No
- Coal Depths (ft): Refer to page 2
- Void(s) encountered (N/Y) Depth(s) No

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

- Producing formation: Marcellus  
  - Pay zone depth (ft): 700' to 12,438'
  - Gas: Initial open flow 936 MCF/d  
    - Oil: Initial open flow 15 Bbl/d
  - Final open flow 2328 MCF/d  
    - Final open flow 227 Bbl/d
  - Time of open flow between initial and final tests 96 Hours
  - Static rock Pressure _______ psig (surface pressure) after _______ Hours

- Second producing formation  
  - Pay zone depth (ft)
  - Gas: Initial open flow _______ MCF/d  
    - Oil: Initial open flow _______ Bbl/d
  - Final open flow _______ MCF/d  
    - Final open flow _______ Bbl/d
  - Time of open flow between initial and final tests _______ Hours
  - Static rock Pressure _______ psig (surface pressure) after _______ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

[Signature]

01/17/2014
Were core samples taken? Yes    No  X
Were cuttings caught during drilling? Yes    No  X
Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list: No

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRAC TURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:
See attached sheet:

Plug Back Details Including Plug Type and Depth(s): n/a

Formations Encountered:  Top Depth  /  Bottom Depth
Surface:  Sewickley Coal  890 - 910  Geneseo  6496 - 6522
          Pittsburgh Coal  1031 - 1041  Tully  6522 - 6553
          Maxton  2009 - 2059  Hamilton  6553 - 6574
          Big Lime  2082 - 2112  Marcellus  6574 - 6612
          Big Injun  2122
          Base of Big Injun  2256
          Weir  2441 - 2611
          Berea  2629 - 2869
          Gordon  2964 - 2994
          Benson  3668 - 3678
          Java  5291 - 5611
          Rhinestreet  5919 - 6283
          Cashaqua  6283 - 6411
          Middlesex  6411 - 6430
          West River  6430 - 6496

01/17/2014