January 09, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5101288, issued to CHEVRON APPALACHIA, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: STARCOVIC 1H
Farm Name: STARCOVIC, STEPHEN
API Well Number: 47-5101288
Permit Type: Plugging
Date Issued: 01/09/2015

Promoting a healthy environment.
PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.

2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.

3. Well work activities shall not constitute a hazard to the safety of persons.
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil / Gas X / Liquid injection / Waste disposal / (If "Gas, Production or Underground storage") Deep / Shallow

5) Location: Elevation 1188
   District Cameron
   Watershed Grave Creek
   County Marshall
   Quadrangle Cameron 7.5'

6) Well Operator Chevron Appalachia, LLC
   Address 800 Mountain View Drive
             Smithfield, PA 15478

7) Designated Agent N/A
   Address

8) Oil and Gas Inspector to be notified
   Name James Nicholson
   Address P.O. Box 44
             Moundsville, WV 26041

9) Plugging Contractor
   Name See Work Order
   Address

10) Work Order: The work order for the manner of plugging this well is as follows:

     See Work Order

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector James Nicholson Date 12/31/2014
**WELLBORE DATA AND SKETCH**

**Well:** Starcovic #1H  
**Quad:** Cameron 7.5', Cameron District  
**County:** Marshall  
**State:** West Virginia  
**Status:** SI, W/O Pipeline  
**Elevation:** GL: 1168'  
**Well Type:** Horizontal Well  
**Survey:** API # 47-051-01266  
**Note:** All depths MD unless noted

**Proposed F&A Well**

**Build Location:**  
- **Start:** 7/6/09  
- **End:** 7/21/09

**Spud:** 8/24/09  
**Release Rig:** 9/11/09  
**Completed:** 12/22/09  
**First Production:**

**Bottom Hole Location (Scaled):**  
- **Survey:** 2992' N 15° W FSHL  
- **True Lat N 39° 49' 56.1"**  
- **True Long W 80° 35' 03.8" NAD27**

**AirFram Drilling Method - Rotary**  
- **Rig - Union Drilling, LP #43 (KB: 18')**

**Set a 305', 25cm cmt. bil. plug at 2550', 1200', and 600'**

**6% Bentonite gel between all cmt. plugs**

**Set a 3 1/2" CIBP at 6000'. Spill 75 sec. of 15.4ppg, 1.58 yield, class 'A' cmt. on top of CIBP. TOC @ 6200'**

**Marcellus:** 7026' - 10208'  
**980 Holes**

**FILL w/ FRESH WATER**

### Completed Well Details

- **12/16/09:** Pumpco Frac w/ 7,372 BFW (Treated) & 174,702# 100 Mesh & 180,400# 40/70 Sand & 40# 40/70 RC Sand. TLTR: 89,568 bbls - 11th Stg
- **12/16/09:** Pumpco Frac w/ 8,019 BFW (Treated) & 175,200# 100 Mesh & 225,900# 40/70 Sand & 35,100# 40/70 RC Sand. LTR: 60,824 bbls - 10th Stg
- **12/16/09:** Pumpco Frac w/ 7,914 BFW (Treated) & 174,300# 100 Mesh & 225,700# 40/70 Sand & 31,000# 40/70 RC Sand. LTR: 72,820 bbls - 9th Stg
- **12/15/09:** Pumpco Frac w/ 7,977 BFW (Treated) & 174,900# 100 Mesh & 215,500# 40/70 Sand & 42,100# 40/70 RC Sand. LTR: 64,891 bbls - 8th Stg
- **12/15/09:** Pumpco Frac w/ 8,026 BFW (Treated) & 173,900# 100 Mesh & 215,900# 40/70 Sand & 48,900# 40/70 RC Sand. LTR: 56,914 bbls - 7th Stg
- **12/15/09:** Pumpco Frac w/ 8,253 BFW (Treated) & 169,900# 100 Mesh & 210,000# 40/70 Sand & 48,900# 40/70 RC Sand. LTR: 48,868 bbls - 6th Stg
- **12/14/09:** Pumpco Frac w/ 8,179 BFW (Treated) & 174,100# 100 Mesh & 216,700# 40/70 Sand & 42,500# 40/70 RC Sand. LTR: 60,435 bbls - 5th Stg
- **12/14/09:** Pumpco Frac w/ 8,123 BFW (Treated) & 117,800# 100 Mesh & 214,300# 40/70 Sand & 41,600# 40/70 RC Sand. LTR: 32,456 bbls - 4th Stg
- **12/14/09:** Pumpco Frac w/ 8,112 BFW (Treated) & 117,100# 100 Mesh & 220,000# 40/70 Sand & 41,600# 40/70 RC Sand. LTR: 24,333 bbls - 3rd Stg
- **12/14/09:** Pumpco Frac w/ 8,112 BFW (Treated) & 117,100# 100 Mesh & 220,000# 40/70 Sand & 174,400# 100 Mesh & 193,900# 40/70 Sand. LTR: 7,883 bbls - 1st Stg

**01/09/2015**
Site Prep

Notify WV DEP Oil and Gas Inspector 48hrs prior to MIRU rig

1. Hold Tailgate Safety Meeting and review JSA
2. MIRU containment (per site layout and needs) and surface rental equipment
3. MIRU mud tanks and auxiliary equipment
4. RU flowback lines.

Procedure

5. Mobilize work-over rig and pumping equipment to location
6. Spot rig and equipment in place
7. Check pressure on all casing and tubing strings. Note pressures on report.
   Bleed off pressure and kill well with kill weight fluid if needed.
8. MIRU E-line with 5k lubricator and test to 250 psi low for 5 minutes and 5,000 psi high.
9. RIH with a tbg plug and set in profile nipple at 6762'.
10. Test the tbg plug to 1000psi and record.
11. Set BPV inside the tubing hanger and ND tree.
12. NU the class III BOP and equipment (ram, manifold, lines etc). Ensure that 5k tbg safety valve is in the open position on the floor when handling tbg.
13. Test all breaks and BOP to 250 psi low for 5 minutes and 5,000 psi high (if pressure is higher, test to 500psi above known SITP) for 10 minutes, chart and record data with Barton chart recorder and keep on file on location.
14. Retrieve BPV
15. Fill the 5-1/2" csg lateral with 79 bbls of fresh water
16. TOOH with 2-3/8", 4.7#, N-80 tubing and BHA.
17. R/U W/L and RIH with 4.5" gauge ring to 6800'.
18. POOH with gauge ring. Make note of any tight spots.
19. RIH with 5-1/2" CIBP and set at 6800'.
20. RIH with 2-3/8" tbg and tag top of CIBP at 6800'. Break circulation with 140 bbls of fresh water. Test 5-1/2" CIBP to 1000psi.
21. Spot a 700' plug with 75 sxs, 88.5 cuft of 15.6ppg, 1.18 yield, class “A” cmt. From 6800-6100' TOC @ 6100'.
22. Spot a 200' plug from 2550’ - 2350’ with 25 sxs, 29.5 cuft of 15.6ppg, 1.18 yield, class “A” cmt. TOC @ 2350'.
23. Spot a 200' plug from 1200’ – 1000’ with 25 sxs, 29.5 cuft of 15.6ppg, 1.18 yield, class “A” cmt. TOC @ 1000'.
24. Spot a 200' plug from 200’ to surface’ with 25 sxs, 29.5 cuft of 15.6ppg, 1.18 yield, class “A” cmt. TOC surface.
25. **NOTE:** 6% Bentonite Gel will be run between all plugs.
26. ND the BOP and NU the tree. Test the tree to 3000psi and record.
27. RD work-over rig and equipment and move to next location.
Starcovic 1H

"Temporary Abandonment Procedure"

Expected Start Date: January 6, 2015

<table>
<thead>
<tr>
<th>AFE Number</th>
<th>1H</th>
<th>API Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>47-051-01288</td>
</tr>
</tbody>
</table>

Objective:
Temporary abandonment of Starcovic 1H in accordance with West Virginia’s DEP requirements.

Completion Design Review:
Listed below are the members of the well team who were in attendance and agreement with the completion procedure as discussed.

<table>
<thead>
<tr>
<th>Revised by:</th>
<th>Tony Raphael – Well Abandonment Engineer</th>
<th>12/30/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review by:</td>
<td>Garland Bledsoe – Project Manager</td>
<td>12/30/14</td>
</tr>
<tr>
<td>Revised by:</td>
<td>David Beastly – Completion Engineer</td>
<td></td>
</tr>
<tr>
<td>Reviewed by:</td>
<td>Lisa Branden – Petroleum Engineer</td>
<td></td>
</tr>
<tr>
<td>Reviewed by:</td>
<td>Pam Gellek – Production Engineer</td>
<td></td>
</tr>
<tr>
<td>Reviewed by:</td>
<td>Matt Bower – Petroleum Engineer</td>
<td></td>
</tr>
</tbody>
</table>
IFO: Incident Free Operations

Chevron is committed to providing a safe working environment for all personnel through the tenets we live by such as **Do it safely or not at all. Stop Work Authority** means all personnel not only have the right but the responsibility to stop any potentially unsafe job.

Report all injuries, no matter how minor, 24/7 to Axiom Medical at 1-877-502-9466

Directions to Location

From Pittsburgh: Merge onto I-79 S via EXIT 64A toward Washington (20.9m), Merge onto I-70 W via EXIT 38 toward Wheeling (6.6m), Take EXIT 11 toward PA-221/Taylorstown. Turn right onto Prosperity Pike/PA-18/PA-221. Continue to follow PA-18. Once in Graysville turn right onto W Roy Furman Hwy/PA-21 (Crossing into West Virginia) W Roy Furman Hwy/PA-21 becomes WV-891. WV-891 becomes US-250 S (Waynesburg Ave). continue until you get in Cameron. Turn right onto Loudenville Rd/County Hwy-25. Turn left onto Main St/County Hwy-25. Continue to follow County Hwy-25. .3 miles past summit street, Turn right onto unmade gravel road which will lead to the site location.

From Waynesburg PA, go West on SR 21 (26.1 mi) into West Virginia, continue on SR 891 (2.0 mi) to SR 250, follow Rt. 250 south towards Cameron for (3.7 mi), make a right on Loudenville Rd, follow for (0.5 mi) to the stop sign, make a right, then a left to stay on Loudenville Rd, follow for (0.8 Mi) to the location lease entrance on the Right.
Well Information

<table>
<thead>
<tr>
<th>Well #</th>
<th>Top Perf</th>
<th>RKB</th>
<th>Marker Joint</th>
<th>PBTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1H</td>
<td>7,140</td>
<td>MD</td>
<td>MD</td>
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<table>
<thead>
<tr>
<th>Size</th>
<th>Depth</th>
<th>Weight</th>
<th>Grade</th>
<th>Burst</th>
<th>Collapse</th>
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</thead>
<tbody>
<tr>
<td>20&quot;</td>
<td>80'</td>
<td>54.5 lbs/ft</td>
<td>J-55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 3/8&quot;</td>
<td>1172'</td>
<td>36 lbs/ft</td>
<td>K-55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 1/2&quot;</td>
<td>10,337'</td>
<td>20 lbs/ft</td>
<td>P-110</td>
<td>12,640 psi</td>
<td>11,080 psi</td>
</tr>
</tbody>
</table>

Current Status

Well is currently on line and flowing approximately 1.1 MMCFD of gas a day at 750 psi on the tubing. Less than 1 bbl of condensate produced per day.
## Starcovic 1H Wellbore Schematic (Current)

### Well: Starcovic #1H
- **County:** Marshall
- **State:** West Virginia
- **Status:** SI, WVO Pipeline
- **Updated:** 1/26/10

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description</th>
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<tbody>
<tr>
<td>10100</td>
<td>Measured Depth</td>
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<tr>
<td>10135</td>
<td>TVD</td>
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</table>

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10162</td>
<td>Measured Depth</td>
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<tr>
<td>10162</td>
<td>TVD</td>
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</tbody>
</table>

### Chief Oil & Gas LLC

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>01/09/2015</td>
<td>Drilling Rig: 81A-5</td>
</tr>
<tr>
<td>01/09/2015</td>
<td>Rig # 13A</td>
</tr>
<tr>
<td>01/09/2015</td>
<td>Top Depth: 10162 ft</td>
</tr>
<tr>
<td>01/09/2015</td>
<td>Bottom Depth: 10135 ft</td>
</tr>
</tbody>
</table>

### Data and Schematic Details

- **Formation:** Lower Cretaceous
- **Type:** Oil Field

### Well Schematic

- **Depth Range:** 10100 ft - 10135 ft
- **TVD Range:** 10162 ft - 10162 ft

### Notes
- **AirDrill Rig:** 81A-5
- **Rig Location:** 41° 03' 21.29" N, 81° 00' 35.63" W
- **True Vertical Depth:** 10135 ft

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**Starcovic 1H Wellbore Schematic (Proposed T/A)**

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01/09/2015
July 01, 2009

WELL WORK PERMIT

Horizontal Well

This permit, API Well Number: 47-5101288, issued to AB RESOURCES PA, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: STARCOVIC 1H
Farm Name: STARCOVIC, STEPHEN
API Well Number: 47-5101288
Permit Type: Horizontal Well
Date Issued: 07/01/2009

Promoting a healthy environment.
State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

**Farm name:** Starcovic  
**Operator Well No.:** 1H

**LOCATION:**  
- **Elevation:** 1186 KB
- **Quadrangle:** CAMERON 7.5'

- **District:** CAMERON  
- **County:** MARSHALL

- **Latitude:** 400 Feet South of 39 Deg. 50 Min. 00 Sec.
- **Longitude:** 275 Feet West of 80 Deg. 35 Min. 00 Sec.

**Company:** AB RESOURCES

<table>
<thead>
<tr>
<th>Address: 6802 W Snowville Rd. Suite E</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>Brecksville, OH 44141</td>
<td>13 3/8</td>
<td>1172</td>
<td>1172</td>
<td>1814</td>
</tr>
<tr>
<td></td>
<td>9 5/8</td>
<td>2495</td>
<td>2495</td>
<td>1474</td>
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</tbody>
</table>

**Agent:** CT Corporation Systems  
**Inspector:** Tristan Jenkins

**Date Permit Issued:** 7/1/2009  
**Date Well Work Commenced:** 8/24/2009  
**Date Well Work Completed:** 12/22/2009

**Verbal Plugging:**

**Date Permission granted on:**

<table>
<thead>
<tr>
<th>Rotary X</th>
<th>Cable</th>
<th>Rig</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Vertical Depth (ft): 6915</td>
<td></td>
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</tr>
<tr>
<td>Total Measured Depth (ft): 10430</td>
<td></td>
<td></td>
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<tr>
<td>Fresh Water Depth (ft): na</td>
<td></td>
<td></td>
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<tr>
<td>Salt Water Depth (ft): na</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is coal being mined in area (Y/N): Y</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Coal Depths (ft):** 857

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

<table>
<thead>
<tr>
<th>Producing formation</th>
<th>Zone depth (ft)</th>
<th>Pay zone depth (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRCL</td>
<td>7028</td>
<td></td>
</tr>
<tr>
<td>Gas: Initial open flow</td>
<td>0 MCF/d</td>
<td>Oil: Initial open flow</td>
</tr>
<tr>
<td>Final open flow</td>
<td>7464 MCF/d</td>
<td>Final open flow</td>
</tr>
<tr>
<td>Time of open flow between initial and final tests</td>
<td>59 Hours</td>
<td></td>
</tr>
<tr>
<td>Static rock Pressure</td>
<td>2150 psig (surface pressure) after</td>
<td>59 Hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second producing formation</th>
<th>Pay zone depth (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Gas: Initial open flow</td>
<td>MCF/d</td>
</tr>
<tr>
<td>Final open flow</td>
<td>MCF/d</td>
</tr>
<tr>
<td>Time of open flow between initial and final tests</td>
<td>Hours</td>
</tr>
<tr>
<td>Static rock Pressure</td>
<td>psig (surface pressure) after</td>
</tr>
</tbody>
</table>

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:** James K. Wilson  
**Date:** 6/17/10

01/09/2015
NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING 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 WELDBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

7140'-10298'

1913500 lbs 100mesh sand
2717400 lbs 40/70 mesh sand
88536 bbls FW

<table>
<thead>
<tr>
<th>Formation</th>
<th>Top Depth</th>
<th>Bottom Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface 1186 KB'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAND</td>
<td>0</td>
<td>80</td>
</tr>
<tr>
<td>SHALE/SAND</td>
<td>80</td>
<td>857</td>
</tr>
<tr>
<td>COAL</td>
<td>857</td>
<td>870</td>
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<tr>
<td>SHALE</td>
<td>870</td>
<td>5000</td>
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<td>SAND</td>
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<td>SHALE</td>
<td>5270</td>
<td>5370</td>
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<tr>
<td>SAND</td>
<td>5370</td>
<td>5520</td>
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<tr>
<td>SHALE</td>
<td>5520</td>
<td>5550</td>
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<tr>
<td>SAND</td>
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<td>5800</td>
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<tr>
<td>SHALE</td>
<td>5800</td>
<td>6644</td>
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<tr>
<td>MIDDLESEX FM</td>
<td>6644</td>
<td>6713</td>
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<tr>
<td>BURKETT FM</td>
<td>6713</td>
<td>6766</td>
</tr>
<tr>
<td>TULLY FM</td>
<td>6766</td>
<td>6791</td>
</tr>
<tr>
<td>HAMILTON FM</td>
<td>6791</td>
<td>6887</td>
</tr>
<tr>
<td>MARCELLUS FM</td>
<td>6887</td>
<td>10365</td>
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</tbody>
</table>
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
   (a) Name: Stephen M & Kimberly A Stancovic
   Address: RD 4 Box 152, 152 Loudenville Rd.
             Cameron, WV 26033

   (b) Name: James Nicholson
   Address: P.O. Box 44
             Moundsville, WV 26041
   Telephone: 304-552-3874

5) Coal Operator
   (a) Name: Consolidated Coal Company
   Address: 1000 Consol Energy Dr.
             Canonsburg, PA 15317

   (b) Name: Stephen M & Kimberly A Stancovic
   Address: RD 4 Box 152, 152 Loudenville Rd.
             Cameron, WV 26033

6) Inspector
   Name: James Nicholson
   Address: P.O. Box 44
             Moundsville, WV 26041
   Telephone: 304-552-3874

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well site and the plugging work order; and
2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator: Chevron Appalachia, LLC
By: [Signature]
Title: Construction Permitting Team Lead
Address: 800 Mountain View Drive
          Smithfield, PA 15478
Telephone: 724-564-370

My Commission Expires: January 17, 2018

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: Chevron Appalachia, LLC
Watershed (HUC 10): Grave Creek
Elevation: 1170'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes: No: Yes
Will a pit be used? Yes: No: Yes
If so, please describe anticipated pit waste:
Will a synthetic liner be used in the pit? Yes: No: If so, what ml?

Proposed Disposal Method For Treated Pit Wastes:
- Land Application
- Underground Injection (UIC Permit Number)
- Reuse (at API Number)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain)

Any effluent must be contained in tanks and disposed of properly.

Will closed loop system be used? If so, describe

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA Plugging well

If oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium?

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NA

If left in pit and plan to solidify what medium will be used? cement, lime, sawdust

Landfill or offsite name/permit number?

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto 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. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature:

Company Official (Typed Name): Branden Weimer
Company Official Title: Permitting Team Lead

Subscribed and sworn before me this day of , 2015

Notary Public

My commission expires: September 2, 2018

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kristen Brooks, Notary Public
Smithfield Borough, Fayette County
My Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

01/09/2015
Form WW-9

Chevron Appalachia, LLC

Proposed Revegetation Treatment: Acres Disturbed ____________________ Prevegetation pH ________________

Lime _______________ Tons/acre or to correct to pH ________________

Fertilizer type ___________________________

Fertilizer amount _________________________ lbs/acre

Mulch ________________________________ Tons/acre

Seed Mixtures

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<th>Temporary</th>
<th>Permanent</th>
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<tr>
<td>Seed Type</td>
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Attach:
Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:

Comments:

Title: ___________________________ Date: ___________________________

Field Reviewed? (_______) Yes (_______) No
West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-051-01288  WELL NO.: 1H
FARM NAME: Starcovic
RESPONSIBLE PARTY NAME: Chevron Appalachia, LLC
COUNTY: Marshall  DISTRICT: Cameron
QUADRANGLE: Cameron 7.5'
SURFACE OWNER: Stephen M & Kimberly A Starcovic
ROYALTY OWNER: Stepehn M & Kimberly A Starcovic
UTM GPS Northing: 4409218.51
UTM GPS Easting: 535582.18  GPS Elevation: 1170'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
   Survey grade GPS: Post Processed Differential _______
   Real-Time Differential _______
   Mapping Grade GPS: Post Processed Differential _______
   Real-Time Differential _______

4. Letter size copy of the topography map showing the well location.

I, the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature: ____________________________  Title: ____________________________  Date: __________/____/____
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

FILE NO. 02146
DRAWN BY NO. __
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1:2500
PROVEN SOURCE OF
ELEVATION GPS OBSERVATION

THE UNDERSIGNED, 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 REGULATIONS
ISSUED AND PRESCRIBED BY THE DEPARTMENT
OF ENVIRONMENTAL PROTECTION (SIGNED)

DATE JUNE 18, 2000
OPERATOR'S WELL NO. STAROCOMIC IN
API WELL NO. 47 051 01989 C

WELL TYPE: G.A.E. LIQUID INJECTION WASTE DISPOSAL
(WATER) PRODUCTION STORAGE DEEP & SHALLOW

LOCATION: ELEVATION 1138.2 WATERSHED GRAVE CREEK
DISTRICT CAMERON COUNTY MARSHALL
QUADRANGLE CAMERON 7.5'

SURFACE OWNER STEPHEN STAROCOMIC
OIL & GAS ROYALTY OWNER STEPHEN STAROCOMIC
LEASE ACREAGE 168.0

PROPOSED WORK: DRILL & 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 REPLUGIN

TARGET FORMATION MARMAT
WELL OPERATOR B R RESOURCES PA LLC
DESIGNATED AGENT C T Corporation System
ADDRESS 4032 W SNOWMOBILE ROAD STATE F
ADDRESS 707 Virginia Street East
BRECKSVILLE, OH 44141

COUNTY NAME

STATE COUNTY PERMIT

COUNTY NAME

COUNTY NAME

ESTIMATED DEPTH 1650' TVD 9728 FT

01/09/2015