February 25, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1702097, issued to EQT PRODUCTION COMPANY, 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 here under 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: 4953
Farm Name: HARPER
API Well Number: 47-1702097
Permit Type: Plugging
Date Issued: 02/25/2015

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.

4. This well is under a consent order and must be plugged under the terms of that agreement.
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil Gas Liquid Injection Waste Disposal:
   If Gas, Production X Or Underground storage Deep Shallow X

5) Elevation: 1198 ft Watershed: Jockeycamp Rn. Of Middle Island Ck. Of Ohio R.
   Location: West Union County: Doddridge Quadrangle: Smithburg
   District: 

6) Well Operator: EQT Production Company
   Address: 120 Professional Place Bridgeport, WV 26330

7) Designated Agent: Rex C. Ray
   Address: 120 Professional Place Bridgeport, WV 26330

8) Oil & Gas Douglas Newlon
   Name: 4060 Dutchman Road
   Address: Macfarlan, WV 26148

9) Plugging Contractor:
   Name: HydroCarbon Well Service
   Address: PO BOX 995 Buckhannon, WV 26201

10) Work Order: The work order for the manner of plugging this well is as follows:
    See Attachment for details and procedures.

Received
Office of Oil & Gas
JAN 1 2 2015

OFFICE USE ONLY

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.
Work order approved by inspector ___________________________ Date ___________________________
PLUGGING PROGNOSIS – Weston

Harper, Fannie #4953 (604953)
Doddridge Co., West Virginia
API # 47-017-02097
Quad: West Union

BY: Craig Duckworth
DATE: 10/27/14

CURRENT STATUS:
10" csg @ 300’ (pulled)
8 1/4" csg @ 1100’ (pulled)
6 5/8" csg @ 1940’
5 3/16" csg @ 1993’
2" tbg @ 2709’ (Packer @ 2495’)

TD @ 2709’ (hole size 5 3/16”)

Fresh Water @ None reported
1st Salt Sand @ 1418’
Gas Shows @ 2695’ (Gordon Sand)
Oil Shows @ None reported
Stimulation: None reported
Elevation: ??? 1997

2. Attempt to pull 2”tbg & packer. Check TD.
3. T1H w/ tbg @ 2709’; Set 100’ C1A Cement Plug @ 2709’ to 2609’ (Gas Shows @ 2695’ Gordon Sand)
4. TOOH w/ tbg @ 2609’; gel hole @ 2609’ to 2043’
5. TOOH w/ tbg, Free Point 5 3/16’ & 6 5/8”, cut 5 3/16’ & 6 5/8” @ free point, TOOH w/ 5 3/16” & 6 5/8” csg
6. T1H w/ tbg @ 2043’; Set 153’ C1A Cement Plug @ 2043’ to 1890’ (5 3/16’ & 6 5/8” csg cut)
7. Set a 100’ C1A Cement Plug 50’ In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 5 3/16” & 6 5/8 cut. Do not omit any plugs
8. TOOH w/ tbg @ 1890’; gel hole @ 1890’ to 1418’
9. TOOH w/ tbg @ 1418’; Set 100’ C1A Cement Plug @ 1418’ to 1318’ (Salt Sand @ 1418’)
10. TOOH w/ tbg @ 1318’; gel hole @ 1318’ to 1150’
11. TOOH w/ tbg @ 1150’; Set 185’ C1A Cement Plug @ 1150’ to 1050’ (8 1/4” csg seat @ 1100’)
12. TOOH w/ tbg @ 1050’; gel hole @ 1050’ to 680’.
13. TOOH w/ tbg @ 680’; Set 100’ C1A Cement Plug @ 680’ to 580 (safety plug))
14. TOOH w/ tbg @ 580’; gel hole @ 580’ to 300’.
15. TOOH w/ tbg @ 300’; Set 300’ C1A Cement Plug @ 300’ to Surface (10” csg @ 300’ pulled)
16. Top off as needed
17. Set Monument to WV-DEP Specifications
18. Reclaim Location & Road to WV-DEP Specifications

DCw
1-27-2015
Record of Well No. 3953

Located on Fannie Harper Farm

West Union District Doddridge County West Va.

Drilled under Well Order

Rig built by John Bolivin Began... 19 Completed... 19

Well drilled by John Bolivin Began... 19 Completed... 19

Depth of Well 2709 feet Size of Hole 5-3/16 Producing "Gas"

Cased with

<table>
<thead>
<tr>
<th>Amount</th>
<th>Size</th>
<th>Kind</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>300'</td>
<td>10&quot;</td>
<td></td>
<td>All pulled out.</td>
</tr>
<tr>
<td>1100'</td>
<td>8½&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1943'</td>
<td>6-5/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1993'</td>
<td>5-3/16&quot;</td>
<td></td>
<td>Packer set 214 feet from bottom of hole in Fifty Foot Sand.</td>
</tr>
<tr>
<td>2709'</td>
<td>2&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Coal Veins

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marson Sand</td>
<td>1720</td>
<td>1790</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Monday</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Lime</td>
<td>1949</td>
<td>2035</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Injun</td>
<td>2035</td>
<td>2110</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Squaw Sand</td>
<td>2115</td>
<td>2170</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Berea Grit</td>
<td>2420</td>
<td>2435</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fifty Foot</td>
<td>2478</td>
<td>2498</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Thirty Foot</td>
<td>2560</td>
<td>2580</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gordon Shy</td>
<td>2657</td>
<td>2690</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gordon Sand</td>
<td>2693</td>
<td>2700</td>
<td>2695</td>
<td></td>
<td></td>
<td>6/10 M 6-5/8&quot; Gas.</td>
</tr>
</tbody>
</table>

Received
Office of Oil & Gas
JAN 12 2015
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
NOTICE AND APPLICATION TO PLUG AND ABANDON WELL

4) Surface Owner(s) to be served:
   (a) Name: Chad Johnson
   Address: 109 Platinum Dr., S.E.
            Bridgeport, WV 26330

   (b) Name: ____________________________
   Address: ____________________________

   (c) Name: ____________________________
   Address: ____________________________

5) (a) Coal Operator:
   Name: None
   Address: ____________________________

   (b) Coal Owner(s) with Declaration
   Name: Seventh Day Baptist Church of Salem
   Attn: Treasurer
   Address: 171 E. Main Street
            Salem, WV 26426-1325

   (c) Coal Lessee with Declaration
   Name: None
   Address: ____________________________

6) Inspector: Douglas Newlon
   Address: 4060 Dutchman Road
            Macfarlan, WV 26148
   Telephone: (304) 932-8049

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 reverses 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 Division 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: ____________________________
EQT Production Company
Victoria J. Roark
Permitting Supervisor
PO Box 280
Bridgeport, WV 26330
(304) 840-0076

Subscribed and sworn before me this _9_ day of January, 2015
My Commission Expires 7/27/16
Notary Public

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as 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.

02/27/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name: EQT PRODUCTION COMPANY

Watershed: Jockeycamp Rn. Of Middle Island Clk. Of Ohio R.  Quadrangle: Smithburg
Elevation: 1198 ft  County: Doddridge  District: West Union

Description of anticipated Pit Waste: Formation Fluids

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No X
Will synthetic liner be used in the pit? Yes  Is so, what ml? 10 ml - 20 ml.

Proposed Disposal Method for Treated Pit Wastes:

X Land Application

------------- Underground Injection - UIC Permit Number

------------- Reuse (at API Number)

------------- Offsite Disposal Permit #.

------------- Other: Explain

Drilling medium anticipated for this well? Air, freshwater, oil based, etc.

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

Additives to be used?

Will closed loop system be used?

Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc.

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 Division of Environmental Protection. I
understand that the provisions of the permit are enforceable by law. Violations of any terms 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  Victoria Roark

Company Official (Typed or Printed)  Permitting Supervisor-WV

Company Official Title

Subscribed and sworn before me this 7 day of January, 2015

My Commission Expires  7/27/2018

Notary Public
LEGEND

Property Boundary ▲▲▲▲▲ Diversion    / / / / / / / / / /
Road = = = = = = = = = Spring
Planned Fence
Existing Fence XXX
Open Ditch

North N
Water well W
Building X
Artificial Filter Strip
Stream
Pit with Cut Walls
Pit with Compacted Walls

Area of Land Application of Pit Waste

Operator's Well No.: 604953 (Fannle Harper #4953)

Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation ph

Lime 3 Tons/acre or to correct to ph 6.5
Fertilizer (10-20-20) or equivalent 1/3 ton lbs/acre (500 lbs minimum)
Mulch 2 Tons/acre or hydroseed.

SEED MIXTURES

<table>
<thead>
<tr>
<th>Area I</th>
<th>Seed Type</th>
<th>lbs/acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Fescue</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Alsike Clover</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Annual Rye</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area II</th>
<th>Seed Type</th>
<th>lbs/acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Fescue</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Alsike Clover</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

ATTACH:
Drawing(s) of road, location, pit and proposed area for land application.
Photocopies section of involved 7.5' topographic sheet.

Plan approved by: [Signature]

Comments: Install ETS as required. Elevation Plg 1244 to 1147

Title: D11 644 Inspector    Date: 1-27-2015
Field Reviewed? Yes No
West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-017-02097  WELL NO.: WV 604953 (Fannie Harper #4953).

FARM NAME: Fannie Harper

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Doddridge  DISTRICT: West Union

QUADRANGLE: Smithburg 7.5' W 1

SURFACE OWNER: Chad W. Johnson and L. W. Coulehan

ROYALTY OWNER: Phyllis J. Davis, et al.

UTM GPS NORTHING: 4350569

UTM GPS EASTING: 524045  GPS ELEVATION: 365 m (1198 ft).

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 X: Post Processed Differential X
   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

Received
Office of Oil & Gas
JAN 1 2 2015

02/27/2015
POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. Fannie Harper #4953 - WV 604953 - API No. 47-017-02097

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 925 +/- Owner: Paul Dodd
Address: 1362 Jockey Camp Run, West Union, WV 26456 Phone no. 304-873-2269
Comments:

Received
Office of Oil & Gas
JAN 1 2 2015