March 29, 2016

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1701678, 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 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: 11488
Farm Name: HADDOX, J. L.
API Well Number: 47-1701678
 Permit Type: Plugging
 Date Issued: 03/29/2016

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) Location: McClellan County: Doddridge Quadrangle: Folsom 7.5'
   Elevation: 1234 ft. Watershed: McElroy Creek

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: Daniel Flack Name: HydroCarbon Well Service
   Name: 58 Rive Ave. Address: PO BOX 995
   Address: 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 and Gas
MAR 14 2016
WV Department of Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.
Work order approved by inspector
04/01/2016
PLUGGING PROGNOSIS
Haddox, J.L. #11488 (453131)
Doddridge Co., West Virginia
API # 47-017-01678
District, McClellan
BY: Rick Green
DATE: 01/29/15

CURRENT STATUS:
13" csg @ 20' (ets)
8 5/8" csg @ 395' (ets)
4 1/2" csg @ 2361'
TD @ 2425'
Elevation@1230'
Fresh Water @ None Reported
Salt Water @ None reported
1st Salt Sand @ 1480'
Coal @ None reported
Oil Shows @ None reported
Gas shows @ 2228' (Big Injun)
Perforations@ 2236-2265 (16 holes)
Stimulated, Yes

1.) Notify State Inspector, Daniel Flack, (304) 545-0109, 48 hrs, prior to commencing operations.
2.) 'THI tbg to 2236' set 200' C1A cement plug. 2236 to 2036'. (Big Injun perforations)
3.) TOOH tbg to 2036', gel hole to 1700' TOOH tbg.
4.) Free point 4.5" csg, cut 4.5" csg off free point, TOOH csg.
5.) Set 100' C1A cement plug, 50' in/out of casing cut. Perforate all saltwater, freshwater, coal, oil & gas shows below cut. Do not omit any plugs.
6.) TOOH tbg to top of casing cut plug, gel hole to 1480'.
7.) TOOH tbg to 1480' set 100' C1A cement plug 1480' to 1380', (1st Salt Sand).
8.) TOOH tbg to 1380', gel hole to 1230'.
9.) TOOH tbg to 1230', set 100' C1A cement plug 1230' to 1130'. (Elevation).
10.) Gel hole, 1130' to 800'.
11.) TOOH tbg to 800', set 100' C1A cement plug 800' to 700'.
12.) TOOH tbg to 700' gel hole to 445'.
13.) TOOH tbg to 445', set 100' C1A cement plug 445' to 345', (8 5/8" csg seat).
14.) TOOH tbg to 345', gel hole to 200'.
15.) TOOH tbg to 200', set 200' C1A cement plug 200' to surface. (13° conductor seat).
16.) Erect monument with API#, company name, date plugged, and company 6 digit ID#.
17.) Reclaim road, location to WV-DEP specifications.

RECEIVED
Office of Oil and Gas
MAR 14, 2016
WV Department of Environmental Protection

04/01/2016
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Company: Consolidated Gas Supply Corporation
Address: Clarksburg, W. Va.

Farm: J. L. Haddock
Acres: 100

Location (watts): Talkington Fork

Well No.: 111/48
Elev.: 1230

District: McElwain
County: Doddridge

The surface of tract is owned in fee by:

Address:

Mineral rights are owned by:

Drilling Commenced: 5-27-72
Drilling Completed: 5-21-72

Initial open flow: Show 135 bbls.
Final production: 979 M cu. ft. per day 2361 bbls.

Well open: 7th day
Jrs. before test: 620

Well treatment details:

Well fractured 5-27-72 with 695 bbl water, 14,000 lb sand and 2500 HHP

Perforations: 2236-2265' with 16 holes

Casing and Tubing used:

<table>
<thead>
<tr>
<th>Size</th>
<th>Used in</th>
<th>Left in Well</th>
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</thead>
<tbody>
<tr>
<td>20-16</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>1352'</td>
<td>4</td>
<td>395</td>
</tr>
<tr>
<td>9 5/8</td>
<td>7</td>
<td>5 1/2</td>
</tr>
<tr>
<td>8 5/8</td>
<td>7</td>
<td>4 1/2</td>
</tr>
<tr>
<td>4 1/2</td>
<td>2361</td>
<td>2361</td>
</tr>
</tbody>
</table>

To surface:

135 bags

Cement fill up:

Cu. ft. (Skgs):

<table>
<thead>
<tr>
<th>Address</th>
<th>Size</th>
<th>Cond.</th>
<th>Cu. ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Redacted]</td>
<td>20-16</td>
<td>1352'</td>
<td>20</td>
</tr>
<tr>
<td>[Redacted]</td>
<td>9 5/8</td>
<td>395</td>
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</tr>
<tr>
<td>[Redacted]</td>
<td>8 5/8</td>
<td>5 1/2</td>
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</tr>
<tr>
<td>[Redacted]</td>
<td>4 1/2</td>
<td>2361</td>
<td></td>
</tr>
</tbody>
</table>

Consolidated Gas Supply Corporation
Ll5 West Main Street
Clarksburg, W. Va.

Received
Office of Oil & Gas
MAR 14 2016

04/01/2016
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: Lorie J. and Tracie P. Leonard
       Address: 2073 Tallington Fork Road
                 Center Point, WV 25369

6) Inspector:
   Name: Daniel Flack
   Address: 58 Rive Ave.
             Buckhannon, WV
   Telephone: (304) 545-0109

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

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

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 itself 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 Division of Environmental Protection, with respect to the well at the location described on the attached Application and depict 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
By: Victoria J. Roark
Its: Permitting Supervisor
Address: PO Box 280
         Bridgeport, WV 26330
         (304) 848-0076

Subscribed and sworn before me this day of March, 2016
Notary Public

My Commission Expires:

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.
POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EOT PRODUCTION COMPANY
LEASE NAME AND WELL No. Haddox W-11488 - WV 453131 - API No. 47-017-01678

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 453131.
47-017-01678 WV 453131 (Haddox W-11488)

No Potential Water Sources within 1000'

NAD 27, North Zone
N: 339267.97
E: 1693767.96

WGS 84
LAT: 39.426503
LONG: -80.583908
ELEV: 1234.31
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: McElroy Creek

Elevation: 1234 ft.

Quadrangle: Doddridge

County: District: Folsom 7.5' McClellan

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:
[ ] 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, landfil, 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 Title

Permitting Supervisor-WV

Subscribed and sworn before me this 9th day of March, 2016

My Commission Expires 7/23/16

Notary Public

17/01/2016 P

04/01/2016
LEGEND

Property Boundary Diversion
Road = = = = = = = = Spring Wet Spot
Planned Fence
Existing Fence
Open Ditch
North
Artificial Filter Strip
Cross Drain

Building
Water well
Drill site

Pit with Cut Walls
Pit with Compacted Walls
Area of Land Application of Pit Waste

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>Seed Type</th>
<th>lbs/acre</th>
<th>Seed Type</th>
<th>Area II</th>
<th>lbs/acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Fescue</td>
<td>40</td>
<td>Red Fescue</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Alsike Clover</td>
<td>5</td>
<td>Alsike Clover</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Annual Rye</td>
<td>15</td>
<td></td>
<td></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: ____________________________ Date: ____________________________

Comments: Seed + Mulch distributed areas per WVDSP regulations

Title: Oil & Gas Inspector Date: 3/16/16
Field Reviewed? Yes ☑ No ☐
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
OP ID: 
Watershed: McElroy Creek
Quadrangle: Folsom 7.5'
Elevation: 1234 ft.
County: Doddridge
District: McClennan
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

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

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Company Official Signature

Victoria Roark

Company Official (Typed or Printed) Permitting Supervisor-WV

Company Official Title

Subscribed and sworn before me this 9th day of March, 2016

My Commission Expires

State of West Virginia
Office of Oil & Gas

My Commission Expires 2/20/18

Received 04/01/2016
LEGEND

Property Boundary  Diversion
Road
Planned Fence
Spring
Drain Pipe with size in inches
Wet Spot
Water Way
Stream
Existing Fence
Cross Drain
Open Ditch
Artificial Filter Strip
Rock
North
Building
Water well
Drill site
Pit with Cut Walls
Pit with Compacted Walls
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Seed Type  lbs/acre
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Alsike Clover  5
Annual Rye  15

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Seed Type  lbs/acre
Red Fescue  15
Alsike Clover  5

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

Plan approved by: 

Comments: 

Title: 
Field Reviewed? Yes No

Received
Office of Oil & Gas
MAR 1 4 2016

04/01/2016
West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-017-01678    WELL NO.: WV 453131 (Haddox W-11488)

FARM NAME: J. L. Haddox

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Doddridge    DISTRICT: McClellan

QUADRANGLE: Folsom 7.5'

SURFACE OWNER: Lorie J. and Tracie P. Leonard

ROYALTY OWNER: Ercel Ashcraft, et al.

UTM GPS NORTHING: 4364190

UTM GPS EASTING: 535813    GPS ELEVATION: 376 m (1234 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]

04/01/2016