Monday, January 08, 2018
WELL WORK PERMIT
Vertical / Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700
PITTSBURGH, PA 15222

Re: Permit approval for 1755
47-041-01135-00-00

This well work permit 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 any additional specific 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 permitted well work, 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 35 CSR 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) 926-0450.

James A. Martin
Chief

Operator’s Well Number: 1755
Farm Name: MONEYPENNY, T. L.
U.S. WELL NUMBER: 47-041-01135-00-00
Vertical / Plugging
Date Issued: 1/8/2018

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 ______ Or Underground storage ______ Deep ______ Shallow ______

5) Elevation: 1258 ft. Watershed: Leading Creek
Location: Freemans Creek County: Lewis Quadrangle: Vadis 7.5'
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: Barry Stollings
Name: 28 Conifer Drive
Address: Bridgeport, WV 26330

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

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

See Attachment for details and procedures.

OK GNM for BARRY STOLLINGS 1/08/2018

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 ________________

41 01135 P

Check # 2160 4
11-14-17
$1,000

RECEIVED
Office of Oil and Gas
NOV 2 2 2017
WV Department of Environmental Protection
PLUGGING PROGNOSIS

Moneypenny, T.L. #1755 (656796)  
Lewis Co. WV  
District, Freemans Creek  
API # 47-041-01135  

BY: Craig Duckworth  
DATE: 1/27/17  

CURRENT STATUS:  

10” csg @ 254’  
8 1/4” csg @ 1036’  
6 5/8” csg @ 2202’ (cem 50 sks)  
3” tbg @ 1966’ (packer @ 1026’)  

Elevation @ 4448’  
1258’ per WW-7  

TD: 2819’ plugged to 2142’  

Fresh Water @ 260’-261’  
Coal @ 260’-261’  
Saltwater @ None Reported  
Gas shows @ 809’, 1510’, 1912’, 1947’  
Oil @ 1841’, 2788’  
Perforated @ 1947’-1957’, 1970’-1978’ (Bridged @ 2235’filled with stone & clay to 2175’ cemented to 2142’)  

1. Notify State Inspector, Barry Stollings 304-552-4194, 48 hrs. prior to commencing operations.  
2. Check TD w/wireline  
3. Attempt to pull 3” w/packer @ 1026’ if unable to pull. Run bond log to find freepoint of 3”. Gas shows 1947’, 1912’, 1510’ & 6 5/8” cem. 50 sks.  
4. TIH w/tbg to 2142’, set 300’C1A cement plug from 2142’ to 1842’. (Gas show @ 1947’, 1912’)  
5. TOOH w/tbg to 1842’ gel hole 1842’ to 1560’.  
6. TOOH w/tbg, Free point 6 5/8” csg, cut csg @ free point, TOOH w/csg.  
7. Set 100’ C1A cement plug 50’ in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.  
8. TIH w/tbg to 1560’ set 200’ C1A cement plug from 1560’ to 1360’, (6 5/8” csg cut @ 1460’est.  
9. TOOH w/tbg to 1360’ gel hole 1360’ to 1200’.  
10. TOOH w/tbg to 1200’, set 200’ C1A cement plug 1200’ to 1000’. (8 1/4” csg @ 1036’ & elevation @ 4448’).
11. TOOH w/tbg, Free point 8 1/4" csg, cut csg @ free point, TOOH w/csg.
12. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
13. TIH w/tbg to 1000' gel hole from 1000' to 850'.
14. TOOH w/tbg to 850', set 100' C1A cement plug, 850' to 750'. (Gas show @812')
15. TOOH w/tbg to 750' gel hole from 750' to 300'.
16. TOOH w/tbg to 300', set 300' C1A cement plug, 300' to 0'. (Coal & FW @ 260')
17. Erect monument with API#, Date plugged, EQT
18. Reclaim location and road to WV-DEP specifications.
WELL RECORD

Company: Carnegie Natural Gas Company
Address: 3909 Main Street, Munhall, Pa.
Farm: T. L. Moneyenny
Location (water): Cline's Run
Well No.: 1-1755
District: Freemans Creek
County: Lewis
The surface of tract is owned in fee by T. L. Moneeny, et al.
Mineral rights are owned by Mary A. Kraus, et al.
Drilling commenced: February 8, 1963
Drilling completed: April 18, 1963

Casing and Tubing:
- Size: 11 1/8
- Used in Drilling: 1
- Left in Well: 1026
- Packers: Bottom Hole
  - Bottom: 1026'
  - Size of Hold Down: 1026'
  - Depth: 1026'
  - Liners Used: Perf. top

Open Flow 100 lbs Water in 1/2 Inch

Volume: 8,000 lbs, 16 hrs.
Rock Pressure: 266 lbs, 1st 24 hrs.

WELL ACIDIZED: May 6, 1963
Coal was encountered at 260 Feet, 261 Inches

RESULT AFTER TREATMENT: 1,287,000 cu. ft.

ROCK PRESSURE AFTER TREATMENT: 680 # - 18 hours

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State of West Virginia
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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Date: June 10, 1963

WV Department of Environmental Protection

APPROVED: CARNegie NATURAL GAS COMPANY

By: (Title)

Land Agent.
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: Coastal Lumber Co.
   Address: P. O. Box 709
             Buckhannon, WV  26201
   (b) Name: Jackie and Stephene Flutineer
   Address: 1538 Klines Run Road
             Alum Bridge, WV  26231
   (c) Name: Nicky and Lisa Sprouse
   Address: 1922 Klines Run Road
             Alum Bridge, WV  26231

5) (a) Coal Operator:
   Name: None
   Address: ____________________________
   (b) Coal Owner(s) with Declaration
   Name: Lynn Moneypenny
   Address: 10322 U. S. Hwy 33 W
             Camden, WV  26338
   (c) Coal Lessee with Declaration
   Name: None
   Address: ____________________________

6) Inspector
   Barry Stollings
   Address: 29 Conifer Drive
             Bridgeport, WV  26330
   Telephone: (304) 552-4194

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 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
By: Victoria J. Roark
Its: Regional Land Supervisor
Address: PO Box 280
         Bridgeport, WV  26330
Telephone: (304) 848-0076

Subscribed and sworn before me this ______ day of November, 2017
My Commission Expires: _____________________________
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 dep.privacyofficer@wv.gov.
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
FLUIDS / CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: EQT PRODUCTION COMPANY

Watershed (HUC 10): Leading Creek
Quadrangle: Vadis 7.5'

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

Will a synthetic liner be used in the pit? Yes X No
Is so, what ml.? 20 - 50 ml

Proposed Disposal Method for Treated Pit Wastes:

Land Application (if selected provide a completed form WW-9-GPP)
Underground Injection (UIC Permit Number )
Reuse (at API Number - Various )
Off Site Disposal Permit (Supply form WW-9 for disposal location. See attachment)
Other: (Explain

Will closed loop system be used? If so, describe:

Drilling medium anticipated for this well? (vertical and horizontal)? Air, freshwater, oil based, etc.
if oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium?

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?

Permittee shall provide written notice to the Office of the Oil and Gas of any load of drill cuttings or associated waste rejected at a West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

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) Victoria J. Roark

Company Official Title Regional Land Supervisor - WV

Subscribed and sworn before me this 14th day of November

My Commission Expires
LEGEND

Property Boundary

Road

Planned Fence

Existing Fence

Open Ditch

Spring

Drain Pipe with size in inches

Stream

Cross Drain

Diversion

Wet Spot

Water Way

Artificial Filter Strip

Rock

North

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

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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: _____________________________________

WV Department of Environmental Protection

NOV 22 2017

RECEIVED
Office of Oil and Gas

Title: __________________________________________ Date: ___________________________

Field Reviewed? ______ Yes ______ No
EQT Production Water plan
Offsite disposals

Waste Management - Meadowfill Landfill
Rt. 2, Box 68 Dawson Drive
Bridgeport, WV 26330
304-326-6027
Permit #SWF-1032-98
Approval #100785WV

Waste Management - Northwestern Landfill
512 E. Dry Road
Parkersburg, WV 26104
304-428-0602
Permit #SWF-1025 WV-0109400
Approval #100833WV
Highway 47-041-01135 WV 656796 (Moneypenny #1755)
Topo Quad: Vadis 7.5'

County: Lewis

District: Freemans Creek

Scale: 1" = 400'

Date: October 25, 2017

Project No: 73-12-00-08

47-041-01135 WV 656796 (Moneypenny #1755)

Pit Location Map

Existing Well Access Road

LEGEND

NAD 27, South Zone
N:731,469.51
E:2,091,407.85

WGS 84
LAT:39.008378
LONG:-80.678175
ELEV:1258.23

SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
1-800-482-8606
237 Birch River Road
Birch River, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
P.O. Box 280
Bridgeport, WV 26330
POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. Moneypenny #1755 WV 656796 47-041-01135

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 968 +/- Owner: Bruce and Marilyn Kidd
Address: 500 West Virginia Avenue, Clarksburg, WV 26301 Phone No.
Comments:

41-01135P
RECEIVED
Office of Oil and Gas
NOV 22 2017
WV Department of
Environmental Protection
Water

47-041-01135 WV 656796 (Moneypenny #1755)

1 Potential Water Source within 1000'

NAD 27, South Zone
N: 731,469.51
E: 2,091,407.85

WGS 84
LAT: 39.008378
LONG: -80.678175
ELEV: 1258.23
West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-041-01135 WELL NO.: WV 656796 (Moneypenny #1755)

FARM NAME: T. L. Moneypenny

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Lewis DISTRICT: Freemans Creek

QUADRANGLE: Vadis 7.5’

SURFACE OWNER: Coastal Forest Resource Company

ROYALTY OWNER: Brence C. Linger, et al.

UTM GPS NORTHING: 4317756

UTM GPS EASTING: 527864 GPS ELEVATION: 383 m (1258 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: [Signature]
Title: [Title]
Date: 10/31/17