

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: MURRAY 567 Operator Well No.: 651621

LOCATION: Elevation: 1136' Quadrangle: GLOVER GAP

District: MANNINGTON County: MARION

Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.

Longitude: _____ Feet West of _____ Deg. _____ Min. _____ Sec.

Well Type: OIL _____ GAS X

Company EQUITABLE PRODUCTION CO Coal Operator CONSOLIDATION COAL COMPANY
1710 PENNSYLVANIA AVE. or Owner 1000 CONSOL ENERGY DR
CHARLESTON WV 25302 CANNONSBURG PA 15317

Agent REX C. RAY Coal Operator _____
Permit Issued Date 11/03/2011 or Owner _____

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Office of Oil & Gas

AFFIDAVIT

JUL 16 2013

STATE OF WEST VIRGINIA,
County of UPSHUR ss:

WV Department of
Environmental Protection

KEVIN METZ and TIM MARSH being first duly sworn according to law do hereby depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 21ST day of MAY, 2013, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
CEMENT	2121'	1993'	5 1/2" 1706'	365'
CEMENT	1756'	1650'	7" 1350'	575'
GEL	1650'	1394'	8 1/4" 0'	1430'
CEMENT	1394'	1240'	10" 0'	179'
GEL	1240'	1015'		
CEMENT	1015'	836'		
CEMENT	836'	781'	CONT ON BACK	

Description of monument: 7" PIPE 5' ABOVE GROUND WITH API # and that the work of plugging and filling said well was completed on the 26TH day of JUNE, 2013.

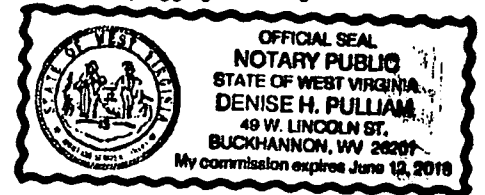
And further deponents saith not. Tim Marsh

Kevin Metz

Sworn and subscribe before me this 26th day of June, 2013

My commission expires: 6/12/2016

Denise H. Pulliam
Notary Public



Affidavit reviewed by the Office of Oil and Gas: [Signature] Title: Environmental Inspector

06/05/2026

GEL 781' TO 159'
CEMENT 159' TO 79'
CEMENT 79' TO 0'

PERFORATED 8" @ 945' TO 952'
PERFORATED 8" @ 835' TO 841'

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JUL 16 2013

WV Department of
Environmental Protection

06/05/2026

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name: HYDROCARBON WELL SERVICE INC.
API No: 47-049-00412 County: MARION
District: MANNINGTON Well No: 651621
Farm Name: MURRAY 567
Discharge Date/s From: (MMDDYY) _____ To: (MMDDYY) _____
Discharge Times. From: _____ To: _____

Total Volume to be Disposed from this facility (gallons): _____

Disposal Option(s) Utilized (write volumes in gallons): _____

- (1) Land Application: _____ (Include a topographical map of the Area.)
(2) UIC: _____ Permit No. _____
(3) Offsite Disposal: _____ Site Location: _____
(4) Reuse: _____ Alternate Permit Number: _____
(5) Centralized Facility: _____ Permit No. _____
(6) Other method: X (Include an explanation) NO RETURN

Follow Instructions below to determine your treatment category:

Optional Pretreatment test: _____ Cl- mg/l _____ DO mg/l

1. Do you have permission to use expedited treatment from the Director or his representative?
(Y/N) _____ If yes, who? _____ and place a four (4) on line 7.
If not go to line 2
2. Was Frac Fluid or flowback put into the pit? (Y/N) _____ If yes, go to line 5. If not, go to line 3.
3. Do you have a chloride value pretreatment (see above)? (Y/N) _____ If yes, go to line 4
If not, go to line 5.
4. Is the Chloride level less than 5000 mg/l? (Y/N) _____ If yes, then enter a one (1) on line 7.
5. Do you have a pretreatment value for DO? (See above) (Y/N) _____ If yes, go to line 6
If not, enter a three (3) in line 7.
6. Is the DO level greater than 2.5 mg/l? (Y/N) _____ If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7.
7. _____ is the category of your pit. Use the Appropriate section.
8. Comments on Pit condition: _____

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JUL 16 2013

Name of Principal Exec. Officer: ELAINE SORCAN

Title of Officer: PRESIDENT

Date Completed: 6/28/2013

WV Department of
Environmental Protection

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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Jim Marsh

Signature of a Principal Exec. Officer or Authorized agent.

06/05/2026



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

November 03, 2011

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4900412, 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: WV 651621 (MURRAY 567)

Farm Name: SANDOR, FRESCKA

API Well Number: 47-4900412

Permit Type: Plugging

Date Issued: 11/03/2011

Promoting a healthy environment.

06/05/2026

Date: September 16, 2011
Operator's Well
Well No. WV 651621 (Murray #567)
API Well No.: 47 049 - 00412 P

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: 1,136' Watershed: Beachlick Run
Location: Mannington County: Marion Quadrangle: Glover Gap
District: _____

6) Well Operator EQT Production Company
Address: 1710 Pennsylvania Avenue
Charleston, WV 25302

7) Designated Agent: Rex C. Ray
Address: 1710 Pennsylvania Avenue
Charleston, WV 25302

8) Oil & Gas BILL HENDERSHOT
Name: 403 JAMES STREET
Address: MANNINGTON, WV 26582

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.

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Office of Oil & Gas
SEP 23 2011
WV Department of
Environmental Protection

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 Bill Hendershot Date 9-22-11

CARNegie NATURAL GAS COMPANY

Map Sheet No. **MANNINGTON S.W.**

RECORD OF WELL

Well No. 1-567

49-00412P

Drilled on **J. L. MURRAY ET AL**
Mannington Township **Marion**
 Shipping Point **RIG**

Farm of **360** Acres, situate in
 County **W. Va.** Lease No. **4378-41**
 Foreman **T. J. WHITE**
WELL

Located	November 9, 1916	Commenced Drilling	December 21, 1916
Notified Gen'l Office	November 12, 1916	Notified Gen'l Office	
Commenced	December 12, 1916	Completed Drilling	February 11, 1916
Completed	December 16, 1916	Notified Gen'l Office	February 11, 1916
Contractor	HUBY & CUBRINGHAM	Contractor	J. W. MOOREHEAD
Address	MANNINGTON, W. VA.	Address	MOONSVILLE, W. VA.

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor		18		1/4 Minute Lbs.
Waynesburg Coal				1 " "
Mapleton Coal	835	841		2 " "
Pittsburgh Coal	945	952		3 " "
Little Dunkard	1355	1398		4 " "
Big Dunkard	1430	1470		5 " "
Gas Sand	1590	1640		10 " "
1st Salt Sand	1670	1735		15 " "
2nd Salt Sand	1750	1810	Little Water 1780'	30 " "
3rd Salt Sand	1850	1945	Hole full of water at 1917' Hour	" "
Maxton Sand	2045		Show Gas 2108'-2116'	Rock " "
Little Lime			Show Oil 2116'-2118'	Size of Tubing Inch
Pencil Cave			Big Oil Pay 2130'-2133'	Casing " "
Big Lime				Vol by Water " "
Big Injun			Hole reduced to 5-3/16"	" " Mercury " "
Gantz Sand			at 2071'	" " Pressure " "
50 Foot Sand				Good for 20 Bbls per day
30 Foot Sand				CONNECTED TO MAIN LINE
Gordon Stray				Fuel Line
Gordon Sand				Length of Line 800 Feet
4th Sand				Size of Line 2" Inch
5th Sand Pulled Liner - Run 5.50" Casing				DISCONNECTED FROM LINE
Bayard Sand Cleaned Out & Drilled Deeper to 2152'				
Elizabeth				Notified Lessor
Speechley				Abandoned
Tiona				Repacked
Bradford				With Feet Tubing

Total Depth **2152'** Feet at \$ **1.20** per Foot \$ **2566.80**

Hope Gas Used Gas Furnished at Cents per Foot

CASING RECORD

SIZE	CHARGED TO WELL		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL		PACKER
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
10	283		27	So.			27	So.					
8 1/2	1507		178	So.			178	So.			82		Wind
6 3/8	2536		1430	So.			1430	So.			85		Size
5-3/16"	223		1925	So.			1925	So.			694		Set at Feet
5.50			158		158		--140--		205		205		WELL SHOT 2/16/16
2			2098		(Bot at 2071')								By Marietta Torpedo Company
			2150										With 20 Qts. at 2128' Feet

10/28 Mannington Torpedo Co. 35 Qts - 1 Shell 4' 8" Well Shot 2/16/16 by Agnew Torpedo Co. with 30 Qts.
 of Shot 2128'-2158' - Shell 1' 3" 10"

1) Date: September 16, 2011
2) Operator's Well Number
WV 651621 (Murray #567)
3) API Well No.: 47 049 - 00412 P
State County Permit

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 FRESCKA SANDOR
Address 325 CABIN CREEK RD
MANNINGTON, WV 26582

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector BILL HENDERSHOT
Address 403 JAMES STREET
MANNINGTON, WV 26582
Telephone 304-206-7750

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

(b) Coal Owner(s) with Declaration ✓
Name CONSOLIDATION COAL COMPANY
1000 CONSOL ENERGY DR
Address CANNONSBURG, PA 15317
ATTN: DON PUGLIO
Name _____
Address _____

(c) Coal Lessee with Declaration
Name None
Address _____

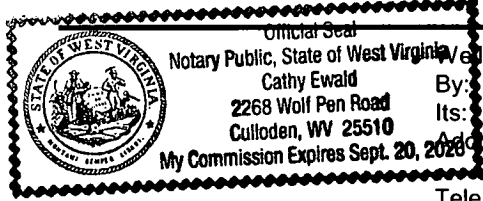
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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 its 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.

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SEP 28 2011
WV Department of
Environmental Protection



Well Operator:
By: _____
Its: _____
Address: _____
Telephone: _____

EQT Production Company
Landman
1710 Pennsylvania Avenue
Charleston, WV 25302
(304) 348-3827

Subscribed and sworn before me this 16 day of September, 2011
[Signature] Notary Public
My Commission Expires: 9-20-2020

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.

49-00412P

Land Surveyors, Mineral and
Construction Consultants

Surveying West Virginia
Since 1988



Marshall W. Robinson, PS
Licensed in WV, VA, OH, KY and PA
Dwayne D. Matheny, PS
David W. King, PS
Stacey O. Brown, PS
Kenneth J. Plum, PS

Ben R. Singleton, PS
Dwayne A. Hall, PS, SU
Damon L. Wilkewitz, PS
William Yetzer, PLS
Licensed in CO and UT

POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY INC.
LEASE NAME AND WELL No. Murray 567 - WV 651621 (47-049-00412)

POTENTIAL SAMPLE LOCATIONS

There appears to be no potential water within 1000 feet.

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SEP 23 2011

WV Department of
Environmental Protection

74-08 WV 651621 Potential Water

237 Birch River Road P.O. Box 438
Birch River, WV 26610
Ph: 1-800-482-8606 Fax: (304) 649-8608
E-mail: infobirch@alleghenysurveys.com

1413 Childress Road P.O. Box 108
Alum Creek, WV 25003
Ph: (304) 756-2949 Fax: (304) 756-2948
E-mail: infoalumcreek@alleghenysurveys.com

123 State Street
Bridgeport, WV 26330
Ph: (304) 848-5035 Fax: (304) 848-5037
E-mail: infobridge@alleghenysurveys.com

06/05/2026

Topo Quad: Glover Gap

Scale: 1" = 2000' *49-00412P*

County: Marion

Date: July 25, 2011

District: Mannington

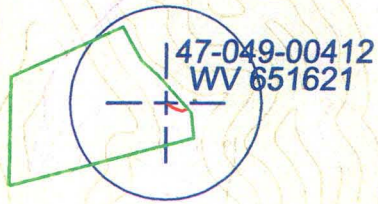
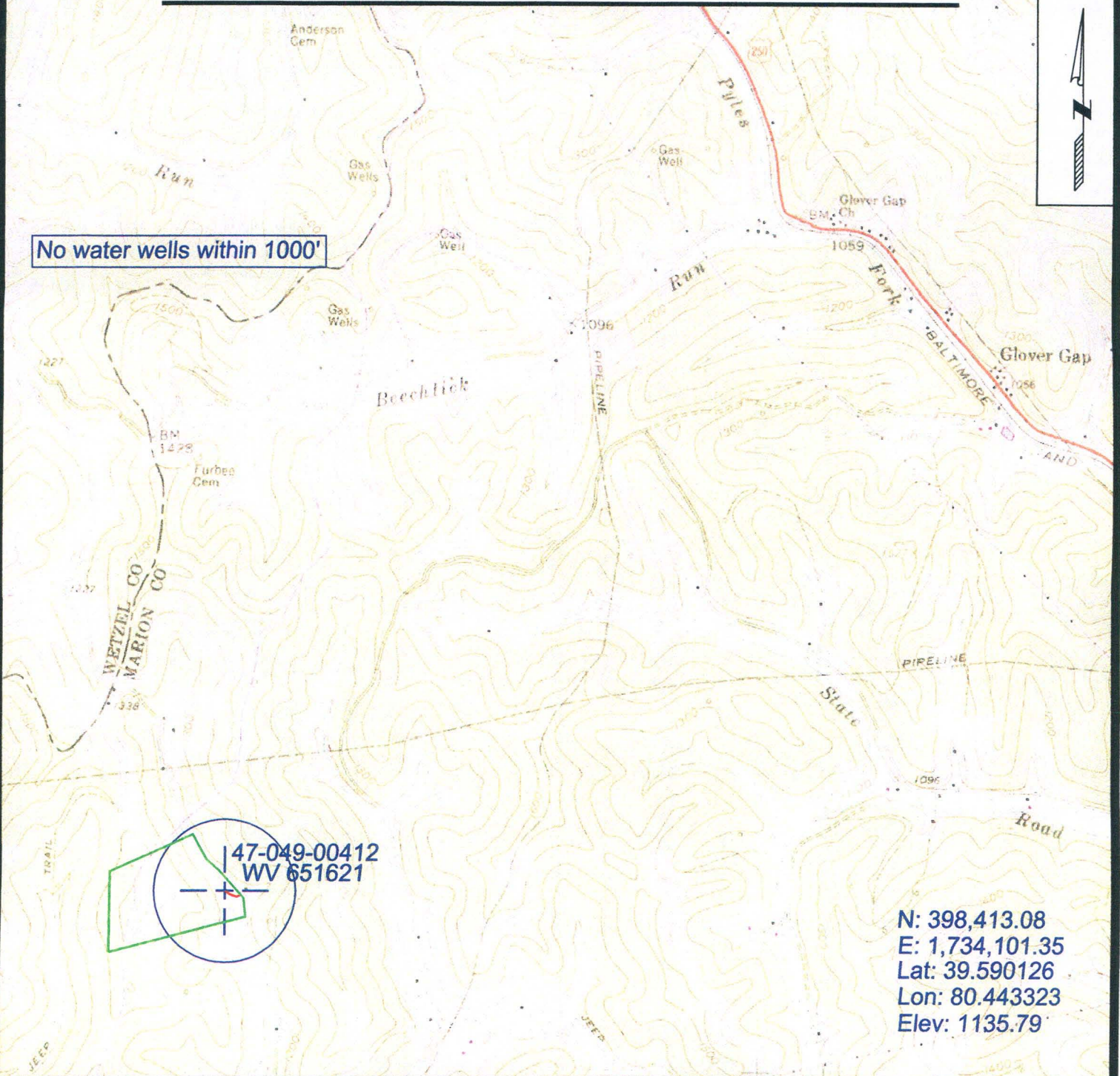
Project No: 74-18-00-08

Water

47-049-00412 (WV 651621)

Topo

No water wells within 1000'



N: 398,413.08
 E: 1,734,101.35
 Lat: 39.590126
 Lon: 80.443323
 Elev: 1135.79



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 P.O. BOX 438
 BIRCH RIVER, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 1710 Pennsylvania Ave.
 Charleston, WV 25302
 06/05/2026

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: Beachlick Run Quadrangle: Glover Gap

Elevation: 1,136' County: Marion District: Mannington

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.? 30 ml

Proposed Disposal Method for Treated Pit Wastes:

- Land Application
- Underground Injection - UIC Permit Number _____
- Reuse (at API Number) _____
- Offsite Disposal Permit #'s _____
- Other: Explain _____

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

If oil based, what type? Synthetic, petroleum, etc. N/A

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? _____

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SEP 23 2011

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

Jeremy D. Preston

Company Official (Typed or Printed)

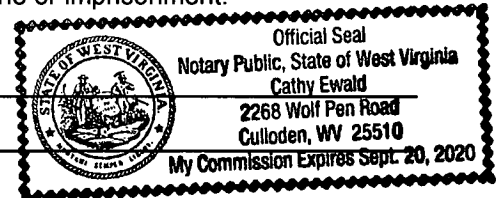
Jeremy D. Preston

Company Official Title

Landman I

Subscribed and sworn before me this

16 day of September, 2011



Notary Public

My Commission Expires

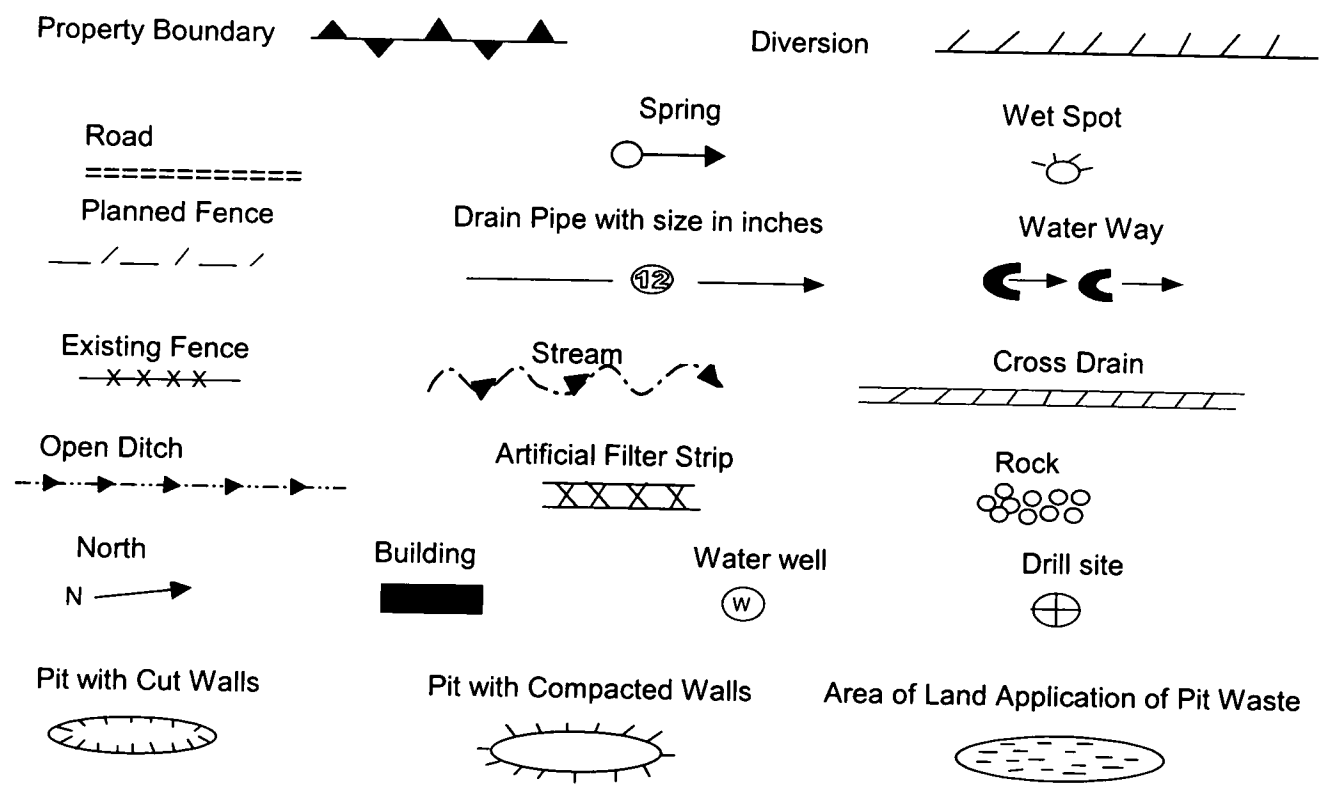
9-20-2020

06/05/2026

49-00412P

OPERATOR'S WELL NO.:
WV 651621 (Murray #567)

LEGEND



Proposed Revegetation Treatment: Acres Disturbed: 1.0± Prevegetation pH 5.8
 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

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

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

Plan approved by: Bill Hudushat

Comments: _____

Title: ENVIRONMENTAL INSPECTOR Date: 9-22-11
 Field Reviewed? Yes No

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 WV Department of
 Environmental Protection

06/05/2026

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-049-00412 P WELL NO.: WV 651621 (Murray #567)

FARM NAME: Murray

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Marion DISTRICT: Mannington

QUADRANGLE: Glover Gap 7.5'

SURFACE OWNER: Sandor Frescka

ROYALTY OWNER: Lillian B. Shoemaker et. al.

UTM GPS NORTHING: 4,382,415

UTM GPS EASTING: 547,801 GPS ELEVATION: 346 m (1136 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:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
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.

Ben B. Saylor
Signature

P.S. 2092
Title

8-2-11
Date

06/05/2026

CERTIFIED MAIL

EQT

1710 PENNSYLVANIA AVE
CHARLESTON, WV 25302
ATTN: JEREMY PRESTON



7011 0110 0000 3921 9351



FRESCKA SANDOR
325 CABIN CREEK RD
MANNINGTON, WV 26582

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WV Department of
Environmental Protection

49-00412P

EQT

1710 PENNSYLVANIA AVE
CHARLESTON, WV 25302
ATTN: JEREMY PRESTON

CERTIFIED MAIL



7011 0110 0000 3921 0396



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WV Department of
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CONSOLIDATION COAL COMPANY
1000 CONSOL ENERGY DR
CANNONSBURG, PA 15317
ATTN: DON PUGLIO

49-00429

I

Operator: EQT PRODUCTION COMPANY

API: 4900412

WELL No: WV 651621 (MURRAY 567)

Reviewed by: GCS Date: 11/3/11

15 Day End of Comment: 9/29

CHECKLIST FOR FILING A PERMIT

Plugging

- WW-4B
- Inspector signature on WW-4B
- Completion / Well Records of Previous Work
- WW-4A (Notarized)
- Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- Surface Owner Waiver
- Coal Owner / Lessee /Operator Waiver
- WW-9 (Page 1) (Notarized)
- Inspector Signature on WW-9 (Optional)
- Topographic Map of location of well
- WW-7

OR

- Mylar Plat (Surface owner on plat matches WW-4A)
- Bond
- Company is Registered with the SOS
- Worker's Compensation / Unemployment Insurance account is OK
- \$100.00 check (\$0.00 if no pit)

06/05/2026