



west virginia department of environmental protection

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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Tuesday, December 26, 2017
WELL WORK PERMIT
Vertical / Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for 7570 SPURGEON
47-021-00039-00-00

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: 7570 SPURGEON
Farm Name: SPURGEON, WINOMA
U.S. WELL NUMBER: 47-021-00039-00-00
Vertical / Plugging
Date Issued: 12/26/2017

Promoting a healthy environment.

12/29/2017

2

21-00039P

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.

12/29/2017

Form WW-4 (B)
Permit Copy
(Rev 2/01)

Date: November 9, 2017
Operator's Well
Well No. 607570 (Spugeon #7570)
API Well No.: 47 021 - 00039

*CHECK # 21606
11-14-17
\$ 1,000⁰⁰*

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 X Liquid Injection Waste Disposal
If Gas, Production X Or Underground storage Deep Shallow X

5) Elevation: 875 ft. Watershed: Dead Fawn Run
Location: Troy County: Gilmer Quadrangle: Auburn 7.5'
District:

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

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

8) Oil & Gas Danny Mullins
Name: 220 Jack Acres Road
Address: Buckhannon, WV 26201

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.

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

Danny Mullins

Date

12-4-17

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PLUGGING PROGNOS

607570
 Spurgeon, G.O. #757D
 API# 47-021-00039
 District, Troy
 Gilmer County, WV

BY: R Green
 DATE: 1/16/17

CURRENT STATUS:

TD @ 1951'
Elevation @ 875'

10" casing @ 218'
 8 1/4" casing @ 850'
 5 3/16" casing @ 1794' (set on 5 3/16" X 6 5/8" packer @ 1794')

Fresh Water @ 30'

Saltwater @ None reported

Oil Show @ None reported

Gas shows @ 325' *2 1896 - 1922*

Coal @ None reported

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1. Notify inspector, Danny Mullins, @ 304-932- 6844, 24 hrs. prior to commencing operations.
2. **Note, if any casings without cement in the annulus cannot be retrieved, make sure to consult with Inspector, and to perforate all saltwater, freshwater, coal, oil & gas shows, and elevation in the well.*
3. TIH check TD @ or below 1925'
4. Pump 25 bbl. of 6% gelled H2O, followed by a 300' C1A cement plug, 1925' to 1625' (gas show & 5 3/16" casing seat) WOC 8 hrs., Tag TOC, add additional C1A cement if necessary.
5. Free point 5 3/16" casing, cut casing @ free point, TOO H casing.
6. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all saltwater, freshwater, coal, oil and gas shows below cut. Do not omit any plugs.
7. TOO H to 1000', set 300' C1A cement plug 1000' to 700'. (8 1/4" casing seat and elevation).
8. Free point 8 1/4" casing, cut casing @ free point, TOO H casing.

12/29/2017

- ★ 9. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all saltwater, freshwater, coal, oil and gas shows below cut. Do not omit any plugs.
- 10. TOOH hole to 300', set 100' C1A cement plug 300' to 200'.
- 11. Free point 10" casing, cut casing at free point, TOOH casing.
- 12. Set cement plug 50' in casing cut to surface.
- 13. * Note if unable to cut and pull 10" casing, TIH and perforate 10" casing with 4 holes each @ 175', 100', & 50'. TIH set C1A cement plug 200' to surface.
- 14. Reclaim location and road to WV-DEP specifications.
- 15. Erect monument with API#, date plugged, company name, and company 6-

digit ID #

★ MAKE SURE GAS SHOW FROM 323-325 IS COVERED BY C1A CEMENT PLUG. IF CASING HAS BEEN REMOVED, ADD 50' TO THE 100' C1A CEMENT PLUG REFERENCED ON LINE 10. IF THIS GAS SHOW REMAINS COVERED BY 8 1/4" CASING, PERFORATE CASING BEFORE PLACING THE 150' C1A CEMENT PLUG.

JMM

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C-11-37

PITTSBURGH & WEST VA GAS CO. Company
CLARKSBURG, WEST VA. Address
Well No. 7570, G. O. Spurgeon farm.
Troy Dist., Gilmer County, West Va.

COMPLETION DATA SHEET
NO. 2
FORMATION RECORD

MM

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
ad Rock	Red	Soft		0	25	25	25	
lme Shells	White	Hard	Water 30'	25	85	60	85	
late	"	Soft		85	105	20	105	
ad Rock	Red	"		105	218	113	218	
lme	White	Hard		218	240	22	240	
ad Rock	Red	Soft		240	255	15	255	
lme	White	Hard		255	265	10	265	
ad Rock	Red	Soft		265	310	45	310	
lme	Dark	Hard	Gas 325-325	310	330	20	330	
ad Rock	Red	Soft		330	335	5	335	
lme	Dark	Hard		335	395	60	395	
late	"	Soft		395	410	15	410	
late-Shells	"	"		410	495	85	495	
ad Rock	Red	"		495	620	125	620	
late	White	"		620	635	15	635	
lme	"	Hard		635	650	15	650	
late	"	Soft		650	750	100	750	
late-Shells	"	"		750	764	14	764	
ad Rock	Red	"		764	800	36	800	
late	Dark	"		800	865	65	865	
Big Dunkard	White	Hard		865	900	35	900	
late-Shell	"	Soft		900	940	40	940	
late	Pink	"		940	944	4	944	
late&Shells	Dark	Soft&Hard		944	1150	206	1150	(S.L.1100')
as Sand	White	Hard		1150	1200	50	1200	
late	"	Soft		1200	1220	20	1220	
st.Salt Sand	"	Hard		1220	1275	55	1275	
late&Shells	Black	Soft		1275	1690	415	1690	
axton Sand	White	Hard		1690	1710	20	1710	
ad Rock	Red	Soft		1710	1714	4	1714	
late	White	"		1714	1725	11	1725	
Little Lime	"	Hard		1725	1746	21	1746	
late	Dark	Soft		1746	1748	2	1748	
Blue Monday	White	Hard		1748	1754	6	1754	
late	"	Soft		1754	1766	12	1766	
Big Lime	"	Hard		1766	1848	82	1848	(S.L.1794')
Big Injun	"	"	Gas 1896 to 1922	1848	1925	77	1925	(S.L.1872')
late	"	Soft		1925	1951	26	1951	
Total Depth							1951'	

Well was ~~XXX~~ shot at 1918' feet, well was shut at _____ feet.

Fresh water at ~~XXX~~ 30' salt feet; fresh water at _____ feet.

Well was producing 5-3/16 hole. PITTSBURGH & WEST VA GAS COMPANY.
~~XXX~~ December 23rd, 1931. Approved By: F. E. Brisden, Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

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Gil-39

WEST VIRGINIA DEPARTMENT OF MINES
Oil and Gas Section
PRELIMINARY DATA SHEET NO. 1

File No. Well No. 7570

PITTSBURGH & WEST VA GAS CO. Company, of CLARKSBURG,

WEST VIRGINIA on the G. O. Spurgeon Farm

containing 135 acres. Location

Troy District, in Gilmer County, West Virginia.

The surface of the above tract is owned in fee by G. O. Spurgeon

of Auburn, West Va. address, and the mineral rights are owned by

Same of Same

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. Gil-39 issued by the West Virginia Department of Mines, Oil and Gas Section,

October 15th 19 31

Elevation of surface at top of well, 875' Spirit

The number of feet of the different sized casings used in the well.

16 feet 13" size. Wood conductor

218 feet 10 size, csg. 850 feet 8-1/4" sized csg.

1794 feet 5-3/16" size, csg. feet sized csg.

feet size, csg. feet sized csg.

Anchor packer of 6-5/8" X 5-3/16" size, set at 1794

packer of size, set at

in casing perforated at feet to feet

in casing perforated at feet to feet

Coal was encountered at No Coal. feet; thickness inches, and at

feet; thickness inches; and at feet; thickness inches.

Liners were used as follows: (Give details)

.....
.....
.....

December 23rd, 1931. Date.

Approved PITTSBURGH & WEST VA GAS CO. Owner.

By F. E. Reigden (Title)

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LOCATION No. 7570

GIL-39

Pittsburgh & W. Va. Gas Co. COMPANY OF Pittsburgh, Pa.

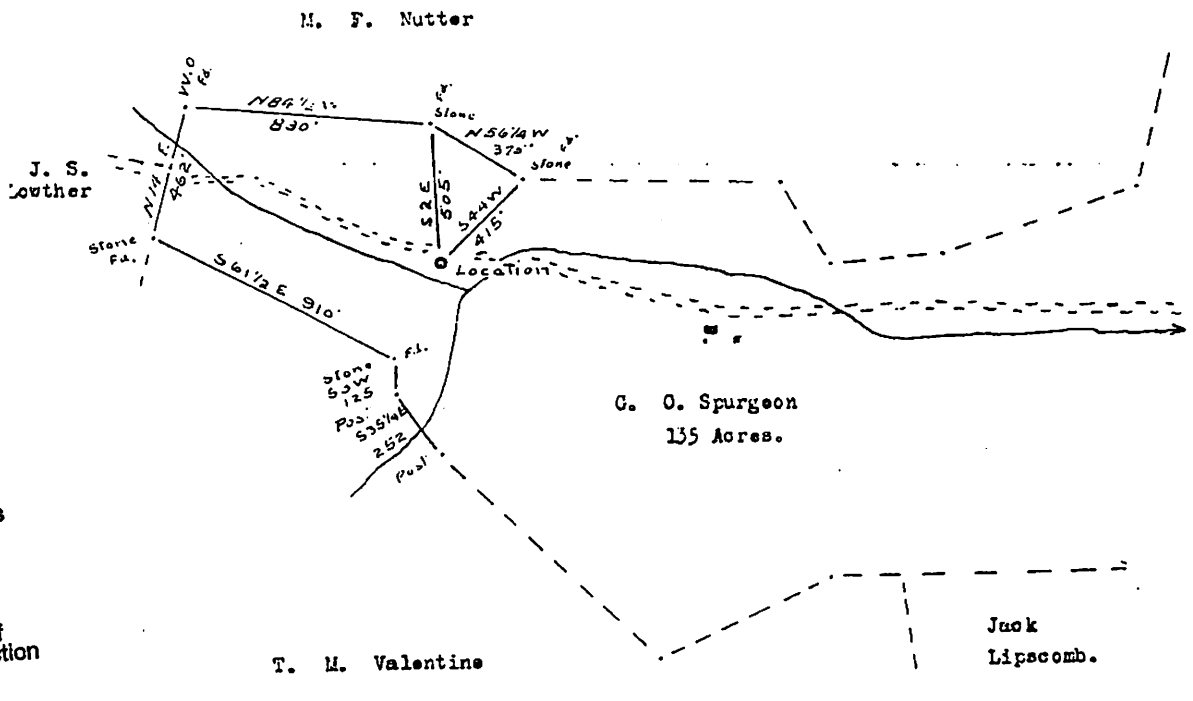
CASE NO: 21043 LESSOR G. O. Spurgeon ACRES 135

SITING Troy COUNTY Gilmer STATE W. Va.

FR. QUADRANGLE Holbrook S. E. 2-1 DATE September, 24, 1931 NO. ON LEASE 1

LEASE EXPIRES RESERVATION ELEVATION 875'

Note.
Deed will not plat 'Dash' Lines taken from Farm Map.



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SCALE: 1" = 500'

ENGINEER'S CERTIFICATE

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF, REQUIRED BY THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

ENGINEER.

ACKNOWLEDGED BEFORE ME, A NOTARY PUBLIC, THIS 29th

DAY OF SEPTEMBER, 1931
W. M. [Signature]
NOTARY PUBLIC.

21-00039A

WW-4-A
Revised 6/07

1) Date: November 9, 2017
2) Operator's Well Number
607570 (Spugeon #7570)
3) API Well No.: 47 021 - 00039
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

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WV Department of
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4) Surface Owner(s) to be served:
(a) Name Robert O. Spurgeon
Address 255 Forrest Road
Hurricane, WV 25526

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Danny Mullins
Address 220 Jack Acres Road
Buckhannon, WV 26201
Telephone (304) 932-6844

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

(b) Coal Owner(s) with Declaration
Name Robert O. Spurgeon
255 Forrest Road
Address Hurricane, WV 25526

(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.

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 14th day of November, 2017
Misty S. Christie Notary Public
My Commission Expires: 2/20/18

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.

NOTARY PUBLIC
Misty S. Christie
1207 Briercleft Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

12/29/2017

1) Date: November 3, 2017
 2) Operator's Well Number: 60737R (Spurgeon 47370)
 3) API Well No.: 47370 - 00011
 State: WV County: Putnam

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STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
 DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS

NOV 8 2017

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4) Surface Owners (to be removed)		5) (a) Coal Lessee	
Name	Address	Name	Address
Robert O. Spurgeon	555 Forest Road Hurricane, WV 26039	None	None
6) Operator		7) (a) Coal Lessee with Decision	
Name	Address	Name	Address
Robert O. Spurgeon	555 Forest Road Hurricane, WV 26039	None	None
8) Production		9) (a) Coal Lessee with Decision	
Name	Address	Name	Address
Robert O. Spurgeon	555 Forest Road Hurricane, WV 26039	None	None

TO THE PERSONS NAMED ABOVE:
 You should have received this form and the following document:
 (1) The application to Plug and Abandon Well (P&A) which sets out the duties involved in the work and describes the well to be plugged and abandoned and
 (2) The fee (see page 2) which you are required to pay to the Division of Environmental Protection.
 The reason you received these documents is that you have filed the application which sets out the details of the operations on the proposed well. However, you are not required to take any action at this time.
 This notice has been filed under Chapter 20-2-1 of the West Virginia Code. The undersigned will continue to process to file of the application and Application and accompanying documents for a permit to plug and abandon a well with the Office of Oil and Gas, West Virginia Division of Environmental Protection, will proceed to the well of the location designated on the attached application and application on the attached Form WV-1-A. Copies of this Notice, the application and the fee have been mailed to the person(s) named above (or by electronic mail if you have provided an e-mail address) on the day of mailing of this notice to the Office of Oil and Gas, West Virginia Division of Environmental Protection, 1500 Kanawha Blvd. SE, Charleston, WV 25305.

Mail Operator:
 By: _____
 Title: _____
 Address: P.O. Box 274
 Hurricane, WV 26039
 Telephone: (304) 438-5015

Copy of _____
 Mailed _____

The Office of Oil and Gas will process your application and accompanying documents and will issue a permit to plug and abandon a well if the application is complete and the fee is received. If you have any questions regarding this process, please contact the Chief Deputy Director at (304) 438-5015.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
FLUIDS / CUTTINGS DISPOSAL & RECLAMATION PLAN

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Environmental Protection

Operator Name: EQT PRODUCTION COMPANY OP CODE: _____

Watershed (HUC 10): Dead Fawn Run Quadrangle: Auburn 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ___ No X

Will a pit be used? Yes X No ___

If so, please describe anticipated pit waste: Formation Fluids

Will a synthetic liner be used in the pit? Yes X No ___ Is so, what ml.? 20 10 ml

Proposed Disposal Method for Treated Pit Wastes:

- _____ Land Application (if selected provide a completed form WW-9-GPP)
- _____ Underground Injection (UIC Permit Number _____)
- X _____ Reuse (at API Number -- Various _____)
- X _____ 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 any 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 *Victoria J. Roark*

Company Official (Typed Name) Victoria J. Roark

Company Official Title Regional Land Supervisor - WV

Subscribed and sworn before me this 14th day of November, 2017

My Commission Expires _____ Notary Public 2/20/18



12/29/2017

Page of
Operations Well Number
07570 (Production Well)
API Well No. 021 - 00080

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
FLUIDS CUTTINGS DISPOSAL & RECLAMATION PLAN

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Environmental Protection
West Virginia Department of

Operator Name: _____ OF CODE _____

Estimated (HUC No) _____
Does it flow from _____
Cushings? _____
Do you anticipate using more than 500 bbl of water to complete this proposed well work? _____
Will it be used? Yes No

Will a synthetic liner be used in the pit? Yes No
Will a synthetic liner be used in the pit? Yes No
Will a synthetic liner be used in the pit? Yes No
Will a synthetic liner be used in the pit? Yes No

Proposed Disposal Method for Treated Pit Water:
Land Application (if selected provide a completed form WVA-029)
Underground Injection (UOI Permit Number) _____
Reuse (API Number - V number) _____
Oil Spill Disposal Permit (Supply form WVA-0 for disposal location. See instructions) _____
Other (Explain) _____

Will diesel fuel system be used? Yes No
Will the diesel fuel system be used for this well? (Petroleum and non-petroleum) Air treatment oil based, and
Will the diesel fuel system be used for this well? (Petroleum and non-petroleum) Air treatment oil based, and
Will the diesel fuel system be used for this well? (Petroleum and non-petroleum) Air treatment oil based, and
Will the diesel fuel system be used for this well? (Petroleum and non-petroleum) Air treatment oil based, and

Permittee shall provide written notice to the Office of the Oil and Gas of any change of the location of the disposal well. If the location of the disposal well changes, the permittee shall file a change of location permit with the Office of the Oil and Gas. The notice shall be provided within 30 days of the change of location and the permittee shall file a change of location permit with the Office of the Oil and Gas.

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 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 shall constitute a violation of law and may result in enforcement action. 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 fines or imprisonment.

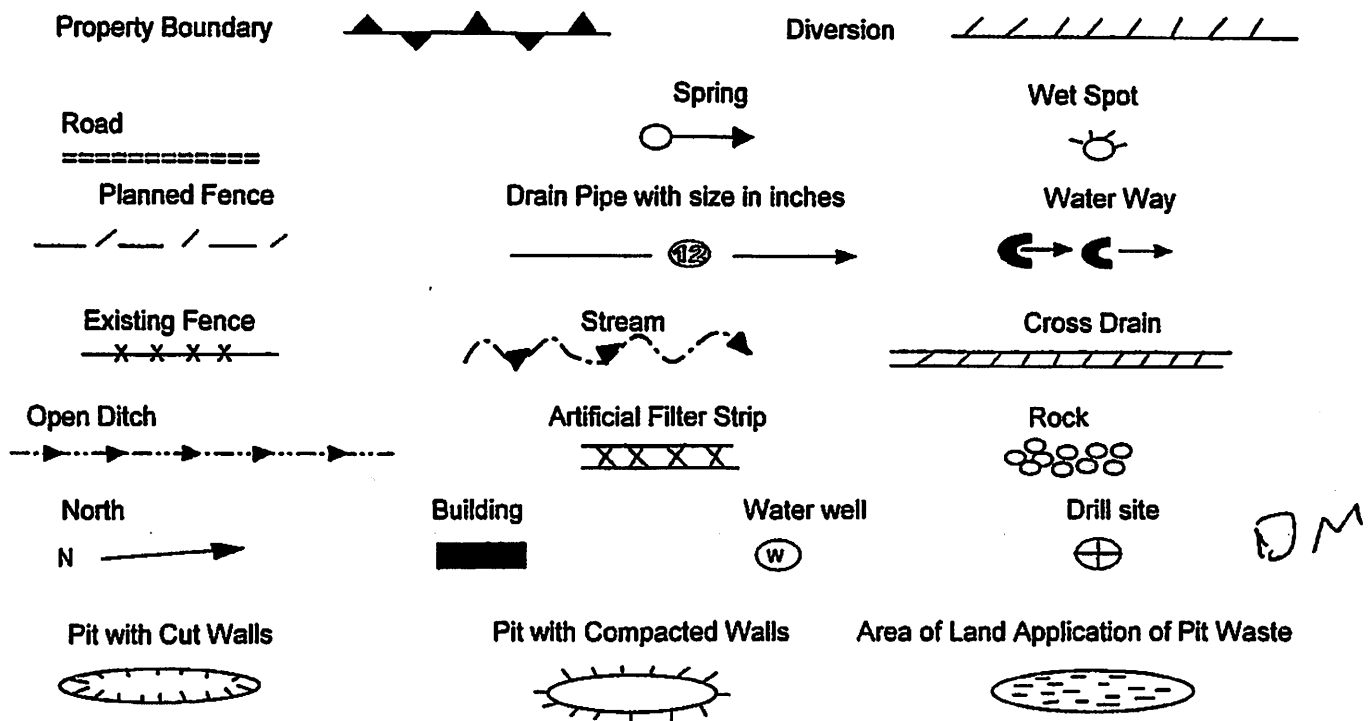
Company Official Signature _____
Company Official (Typed Name) _____
Regional Lead Supervisor - WV _____

Signature and Printed Name _____
Day of _____

12/29/2017

OPERATOR'S WELL NO.:
607570 (Spugeon #7570)

LEGEND



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

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	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: _____

Comments: _____

Title: _____ Date: _____

Field Reviewed? Yes No

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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

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12/29/2017

21-00039P

Topo Quad: Auburn 7.5'

Scale: 1" = 200'

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County: Gilmer

Date: October 30, 2017

NOV 22 2017

District: Troy

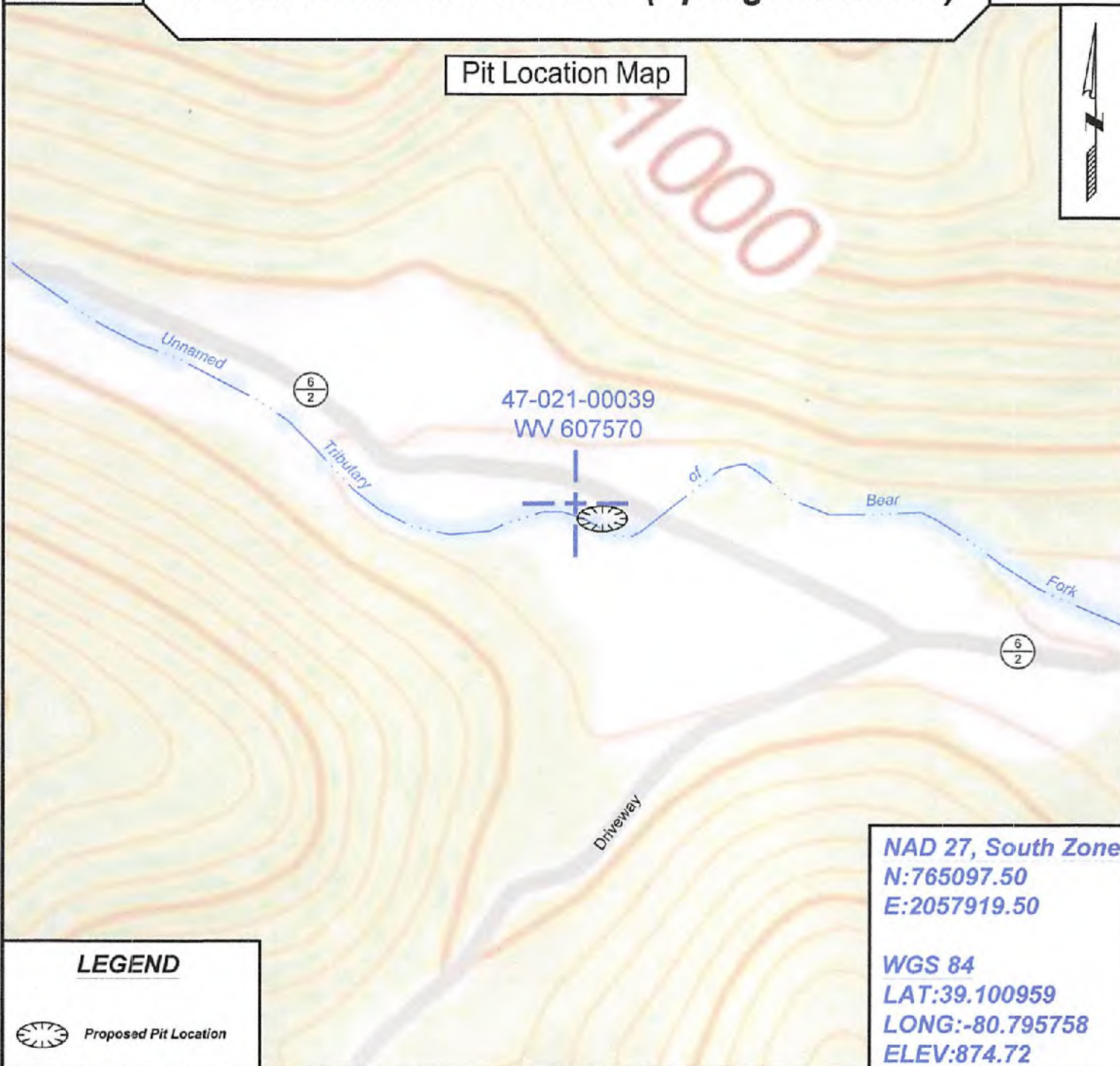
Project No: 25-19-00-07

WV Department of
Environmental Protection

47-021-00039 WV 607570 (Spurgeon #7570)

Topo

Pit Location Map



LEGEND



Proposed Pit Location

NAD 27, South Zone
N:765097.50
E:2057919.50

WGS 84
LAT:39.100959
LONG:-80.795758
ELEV:874.72



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

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Environmental Protection

Topo Quad: Auburn 7.5'

Scale: 1" = 600'

County: Gilmer

Date: October 30, 2017

District: Troy

Project No: 25-19-00-07

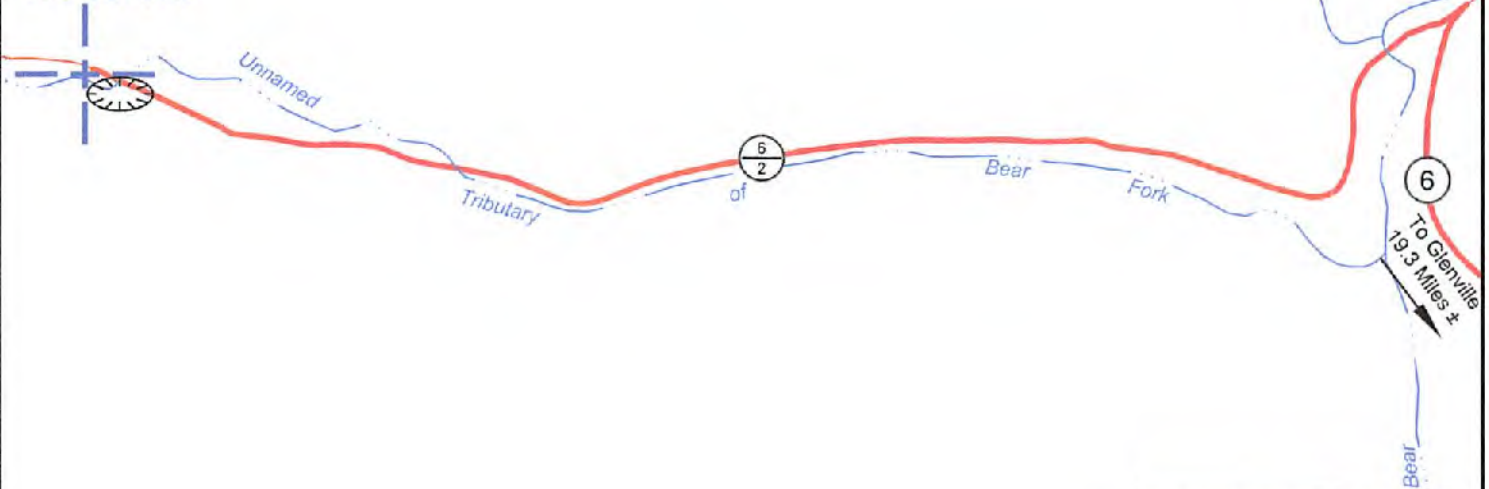
Highway

47-021-00039 WV 607570 (Spurgeon #7570)

Pit Location Map




47-021-00039
WV 607570



NAD 27, South Zone
N:765097.50
E:2057919.50

WGS 84
LAT:39.100959
LONG:-80.795758
ELEV:874.72

LEGEND

 Proposed Pit Location



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

12/29/2017

21-00039 P

Topo Quad: Auburn 7.5'

Scale: 1" = 2000'

RECEIVED
Office of Oil and Gas

County: Gilmer

Date: October 30, 2017

NOV 22 2017

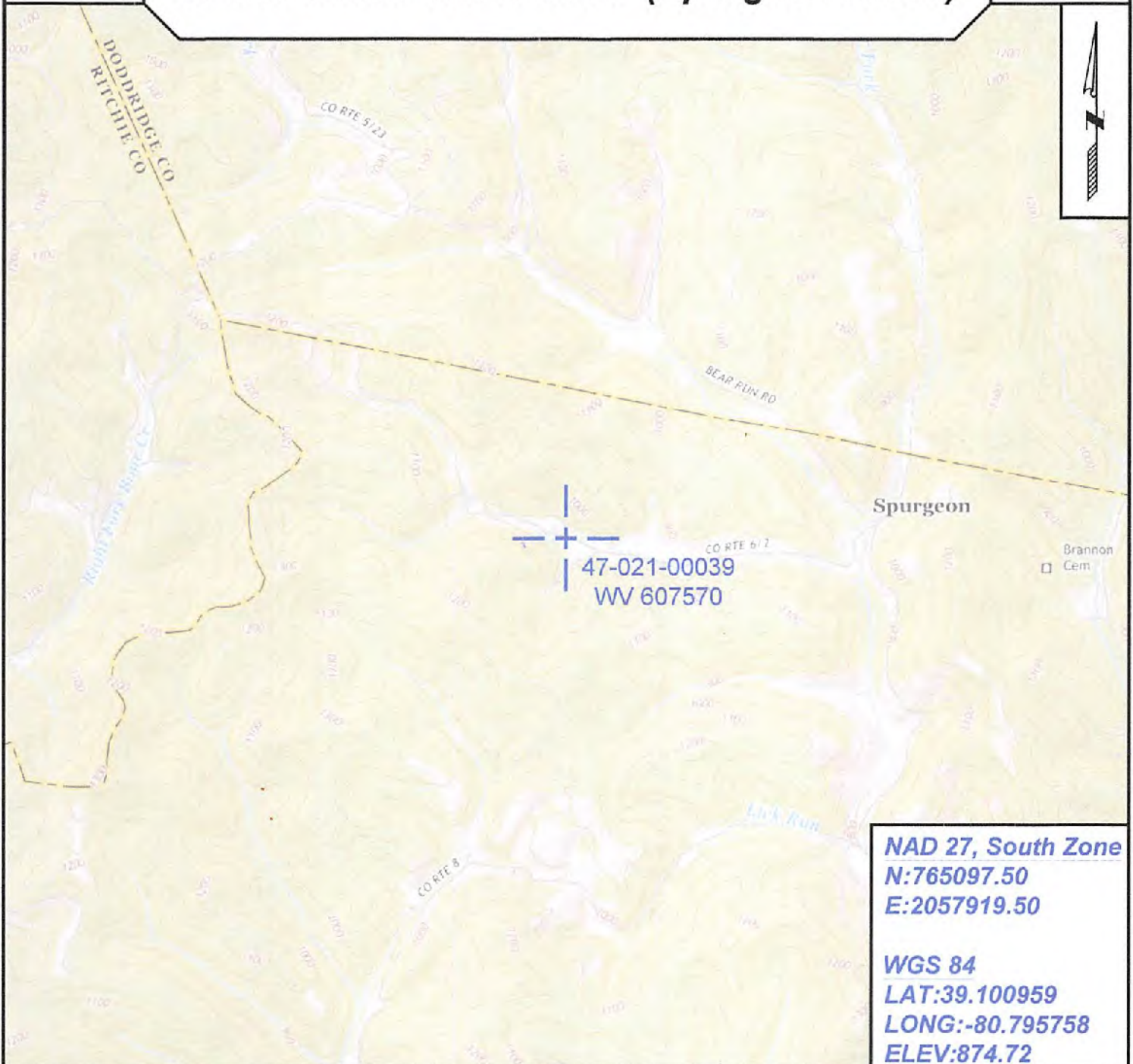
District: Troy

Project No: 25-19-00-07

WV Department of
Environmental Protection

47-021-00039 WV 607570 (Spurgeon #7570)

Topo



47-021-00039
WV 607570

NAD 27, South Zone
N:765097.50
E:2057919.50

WGS 84
LAT:39.100959
LONG:-80.795758
ELEV:874.72



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EQT Production Company

P.O. Box 280
Bridgeport, WV 26330

12/29/2017



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Office of Oil and Gas

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WV Department of
Environmental Protection

POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY

LEASE NAME AND WELL No. Spurgeon #7570 WV 607570 47-021-00039

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 795 +/- Owner: Robert O. Spurgeon

Address: 255 Forest Road, Hurricane, WV 25526 Phone No. _____

Comments: _____

Site: 2 Spacing: 780 +/- Owner: Rebecca Furr

Address: C/O Wells Fargo P.O. Box 14506, Des Moines, IA 50306 Phone No. _____

Comments: _____

BIRCH RIVER OFFICE

237 Birch River Road
Birch River, WV 26610
phone: 304-649-8606
fax: 304-649-8608

BRIDGEPORT OFFICE

172 Thompson Drive
Bridgeport, WV 26330
phone: 304-848-5035
fax: 304-848-5037

ALUM CREEK OFFICE

P.O. Box 108 • 1413 Chickless Rd
Alum Creek, WV 25003
phone: 304-756-2949
fax: 304-756-2948

MARTINSBURG OFFICE

25 Lights Addition Drive
Martinsburg, WV 25404
phone: 304-901-2162
fax: 304-901-2182

21-00039P

Topo Quad: Auburn 7.5'

Scale: 1" = 2000'

RECEIVED
Office of Oil and Gas

County: Gilmer

Date: October 30, 2017

NOV 22 2017

District: Troy

Project No: 25-19-00-07

WV Department of
Environmental Protection

Water

47-021-00039 WV 607570 (Spurgeon #7570)

2 Potential Water Sources within 1000'

47-021-00039
WV 607570



NAD 27, South Zone
N:765097.50
E:2057919.50

WGS 84
LAT:39.100959
LONG:-80.795758
ELEV:874.72



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PREPARED FOR:

EQT Production Company

P.O. Box 280
Bridgeport, WV 26330

12/29/2017

WW-7
8-30-06

21-00039 P

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WV Department of
Environmental Protection



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

API: 47-021-00039 WELL NO.: WV 607570 (Spurgeon #7570)

FARM NAME: G. O. Spurgeon

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Gilmer DISTRICT: Troy

QUADRANGLE: Auburn 7.5'

SURFACE OWNER: Robert Spurgeon

ROYALTY OWNER: Robert Spurgeon, et al.

UTM GPS NORTHING: 4328000

UTM GPS EASTING: 517661 GPS ELEVATION: 266 m (875 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.

[Signature]
Signature

PS# 2100
Title

11/2/17
Date

12/29/2017

ing Department
tion
0
WV 26330

21-000000

607570 (Spurgeon #7570) Plugging Permit
Robert O Spurgeon
255 Forrest Road
Hurricane WV 25526

1. Article Addressed to:
or on the front if space permits.
■ Attach this card to the back of the mailpiece, so that we can return the card to you.
■ Print your name and address on the reverse
■ Complete items 1, 2, and 3.

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below:

B. Received by (Printed Name) _____
C. Date of Delivery _____

X A. Signature _____
 Agent
 Addressee

SENDER: COMPLETE THIS SECTION
COMPLETE THIS SECTION ON DELIVERY

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.
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 Adult Signature Restricted Delivery
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607570 (Spurgeon #7570) Plugging Permit
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Robert O Spurgeon
255 Forrest Road
Hurricane WV 25526

607570 (Spurgeon #7570) Plugging Permit