



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Tuesday, May 1, 2018

WELL WORK PLUGGING PERMIT
Vertical Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for 1
47-041-02156-00-00

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.

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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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

A blue ink signature of James A. Martin, written in a cursive style.

Operator's Well Number: 1
Farm Name: HARRIS, R. G.
U.S. WELL NUMBER: 47-041-02156-00-00
Vertical Plugging
Date Issued: 5/1/2018

P

4704102156P

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.

Date: April 10, 2018
Operator's Well
Well No. 150221 R.G. Harris #1
API Well No.: 47 041 - 02156

4704102156P

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: 1199 Watershed: Smiths Run
Location: Hackers Creek County: Lewis Quadrangle: Weston
District:

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

7) Designated Agent: Jason Ranson
Address: 120 Professional Place
Bridgeport, WV 26330

8) Oil & Gas Barry Stolling
Name: 28 Conifer Drive
Address: Bridgeport WV 26330

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 and Gas

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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 Barry Stolling Date 5/1/2018

Jeff M. Loughlin FOR

PLUGGING PROGNOSIS

47 04 : 02 15 6f

Harris, R.G. #1 (150221)

Lewis Co. WV

District, Hackers Creek

API # 47-041- 02156

BY: Craig Duckworth

DATE: 1/03/18

CURRENT STATUS:

13 3/8" csg @ 42'

8 5/8" csg @ 2933' (215 sks)

4 1/2" csg @ 4476' (175sks)

Elevation @ 1181'

TD: 4517'

Fresh Water @ 80' Coal @ None Reported

Saltwater @ 1270'

Gas shows @ 4288'

Oil @ None Reported

Perforated @ 4383'-4363'

1. Notify State Inspector, **Barry Stollings**, Ph. 304-552-4194 48 hrs. Prior to commencing operations.
2. Check TD w/wireline
3. TIH w/tbg to 4476', set 400' C1A cement plug from 4476' to 4076'. (Bottom hole Plug & Perfs 4383'-4363')
4. TOOH w/tbg to 4076' gel hole 4076' to 3000'.
5. TOOH w/tbg, Free point 4 1/2" csg, cut csg @ free point, TOOH w/csg.
6. Set 100' C1A cement plug 50' in/out of casing cut, perforate all fresh water, salt water, coal, oil and gas shows below cut. Do not omit any plugs.
7. TIH w/tbg to 3000' set 200' C1A cement plug from 3000' to 2800'. (4 1/2" csg cut).
8. TOOH w/tbg to 2800' gel hole 2800' to 1620'.
9. TOOH w/tbg to 1620', set 200' C1A cement plug 1620' to 1420'.
10. TOOH w/tbg to 1420' gel hole from 1420' to 1300'.
11. TOOH w/tbg to 1300', set 200' C1A cement plug, 1300' to 1100' (Elevation @ 1181' & SW @ 1270')
12. TOOH w/tbg to 1100' gel hole from 1100' to 980'.
13. TOOH w/tbg to 980, set 200' C1A cement plug, 980' to 780 (9 5/8" csg @ 933')

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OK JMM 5/1/2018

14. TOOH w/tbg to 780' gel hole from 780' to 200'.
15. TOOH w/tbg to 200', set 200' CIA cement plug, 200' to 0 (13 3/8" @ 42')
16. Erect monument with API#, Date plugged, EQT
17. Reclaim location and road to WV-DEP specifications.

4704 + 02156P

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47-04 102156P

OG-10
Rev. - 9-71



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Weston 15'
Quadrangle Weston 7 1/2'
Permit No. Lew-2156

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company NRM Petroleum Corporation
Address Box 190, Glenville, W. Va. 26351
Farm Robert G. & Betty J. Harris Acres 60
Location (waters) Smith Run
Well No. 1 Elev. _____
District Hackers Creek County Lewis
The surface of tract is owned in fee by Same
Address Weston, W. Va.
Mineral rights are owned by Same
Address _____
Drilling Commenced 2-26-78
Drilling Completed 3-5-78
Initial open flow 17M cu. ft. _____ bbls.
Final production 581M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 1700# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-80 3/8	42	42	60 sks
9 5/8			
8 5/8	933	933	215 sks
7			
5 1/2			
4 1/2	4476	4476	175 sks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Frac. Benson with 500 gal. HCL, 10,000# 80/100, 40,000# 20/40 in 784 bbl. water

Coal was encountered at _____ Feet _____ Inches
Fresh water 80' Feet _____ Salt Water 1270' Feet _____
Producing Sand Benson Depth 4363-4383 - 15 holes

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
No record			0	42		
Red Rock & Shale			42	497		
Sand			497	589		Water 80'
Sand & shale			589	910		
Sand			910	976		
Sand & shale			976	1140		
Sand			1140	1158		
Shale			1158	1200		
Sand			1200	1262		
Shale & sand			1262	1370		1/2" stream water 1270'
Sand			1370	1398		
Shale & sand			1398	1456		
Sand			1456	1500		
Shale & lime			1500	1527		
Little Lime			1527	1550		
Pencil Cave			1550	1570		
Big Lime			1570	1620		
Injun			1620	1754		
Shale & sand			1754	1970		
Sand & shale			1970	2300		
Shale sandy			2300	2396		
Sand & shale (5ch)			2396	2411		
Shale			2411	2472		
Bayard, shaley			2472	2493		

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* Indicates Electric Log tops in the remarks section.

(over)

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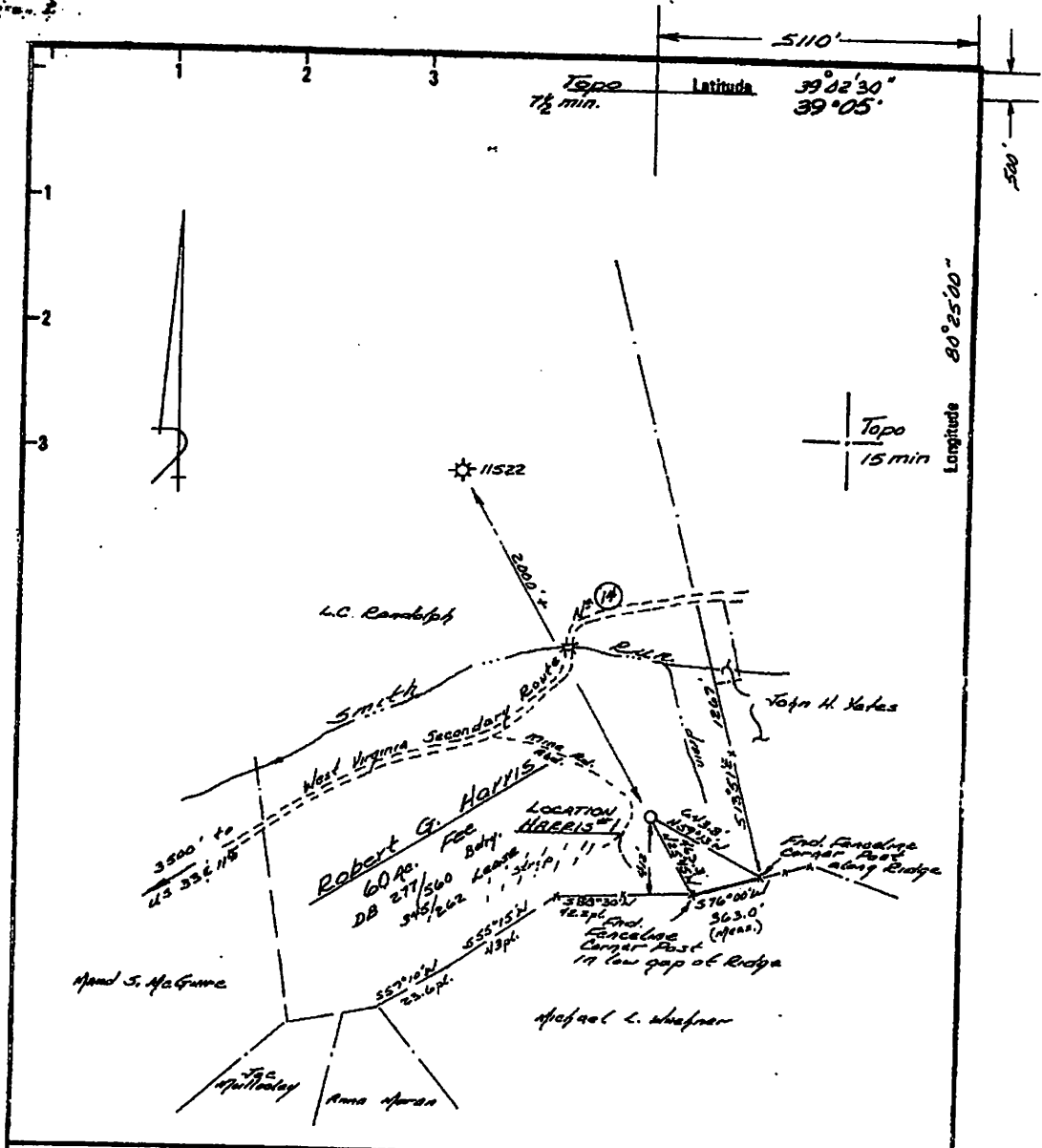
4704 102156P

Formation	Color	Hard or Soft	Top Feet /	Bottom Feet	(Oil Gas or Water) - Remarks
Shale & siltstone			2493	3460	Gas check 4288' - 11 MCFPD FOF = 17 MCFPD
Shale			3460	4360	
Benson			4360	4386	
Shale & siltstone			4386	--	
Total Depth			--	4517	

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Date March 6 1978
APPROVED NRM Petroleum Corporation Owner
By Gene Haney, Cons. Geol.
(Title)

4704-02156P



New Location <input checked="" type="checkbox"/> Drill Deeper.. <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure 1 in 200 Source of Elevation Spot elev. - 1059, 1500 ft. west of location. "I, the undersigned hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
---	--

Company NEA Petroleum Corp.
 Address Glendale, West Virginia 26351
 Farm Robert G. Harris
 Tract Acres 60 Lesse No.
 Well (Farm) No. Harris #1 Serial No.
 Elevation (Spirit Level) 1181'
 Quadrangle Nashua 7 1/2 min. 15'
 County Lewis District Hacker's Creek
 Engineer Richard L. Ostrander, L.L.S.
 Engineer's Registration No. L.L.S. # 555
 File No. 0-196-01 Drawing No. 1177-20
 Date 29 Dec '77 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION
RECEIVED
Office of Oil and Gas AP
 FILE NO. **LEW-2156**
APR 23 2018
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines and Township and Range lines as shown.
WV Department of
Environmental Protection
47-041

1) Date: April 10, 2018
2) Operator's Well Number 150221 R.G. Harris #1 **47 04 + 02156 P**
3) API Well No.: 47 041 - 02156
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:	5) (a) Coal Operator:
(a) Name <u>Melinda Lee and Jason Drummond</u>	Name <u>None</u>
Address <u>764 Smith Run Rd.</u>	Address _____
<u>Weston WV 26452</u>	_____
(b) Name <u>Betty Jo Harris</u>	(b) Coal Owner(s) with Declaration
Address <u>764 Smith Run Rd.</u>	Name _____
<u>Weston WV 26452</u>	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
_____	_____
6) Inspector <u>Barry Stolling</u>	(c) Coal Lessee with Declaration
Address <u>28 Conifer Drive</u>	Name <u>None</u>
<u>Bridgeport WV 26330</u>	Address _____
Telephone <u>304-552-4194</u>	_____
_____	_____

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:
By: _____
Its: _____
Address: _____
Telephone: _____

EQT Production Company
Erin Spine
Regional Land Supervisor
2200 Energy Drive
Canonsburg PA 15317
(304) 848-0035

Subscribed and sworn before me this 18 day of April, 2018
Rebecca L. Wanstreet Notary Public
My Commission Expires: 4-7-2020 **RECEIVED**
Office of Oil and Gas

SURFACE OWNER WAIVER

47 04 102156P

Operator's Well Number 150221 R.G. Harris #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW 4-A

The well operator named on page WW4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Division of Environmental Protection
601 57th Street, SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments.

The law requires these materials to be served on or before the date the operator files for this Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

The law requires these materials to be served on or before FIVE (5) DAYS after the filing date to file your comments.

Comments must be in writing.

Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories.

The office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For a Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature

Date _____

Name _____
By _____
Its _____

Signature _____

Date _____

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The well operator named on the attached page WW-4(B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inpsector is notified. Which date shall not be less than five days after the dat on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on the obverse side of this applicaiton

Note: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned operator _____ / owner _____ / lessee _____ of the coal under this well location has examined this proposed plugging work order. The undersigned has not no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____
Its: _____

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APR 23 2018
WV Department of
Environmental Protection

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

Operator Name: EQT PRODUCTION COMPANY OP CODE: _____

Watershed (HUC 10): Smiths Run Quadrangle: Weston

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 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? _____

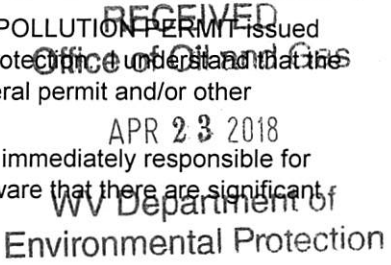
Drill cuttings disposal method? Leave in pit, landfill, remove offsite, etc. _____

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 :
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 and 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 [Signature]

Company Official (Typed Name) Erin Spine

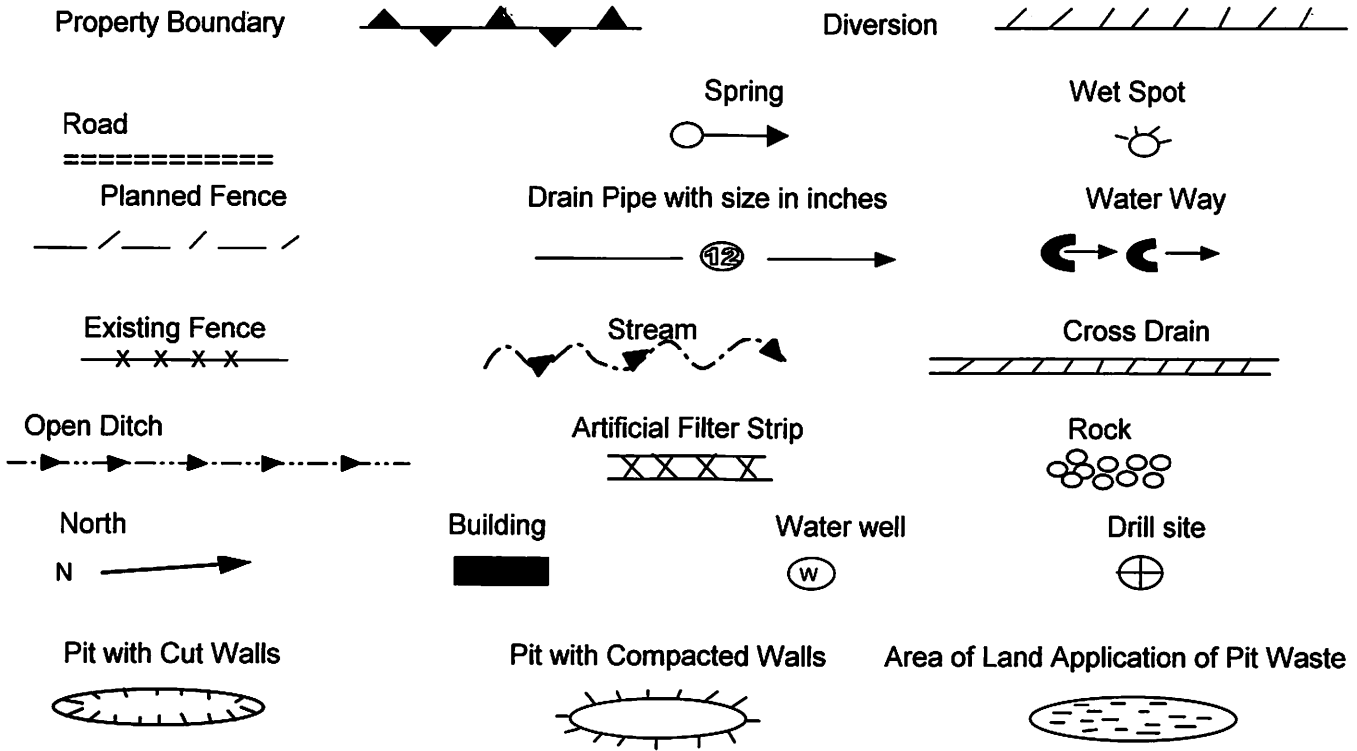
Company Official Title Regional Land Supervisor

Subscribed and sworn before me this 18 day of April, 2018

Rebecca L. Wanstreet
My Commission Expires 4-7-2020



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		

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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.

APR 23 2018

Plan approved by: _____

WV Department of
 Environmental Protection

Comments: _____

Title: _____ Date: _____
 Field Reviewed? Yes No

EQT Production Water plan
Offsite disposals

4704102156P

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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WV Department of
Environmental Protection

Topo Quad: Weston 7.5'

Scale: 1" = 200' 47 04 102156

County: Lewis

Date: March 02, 2018

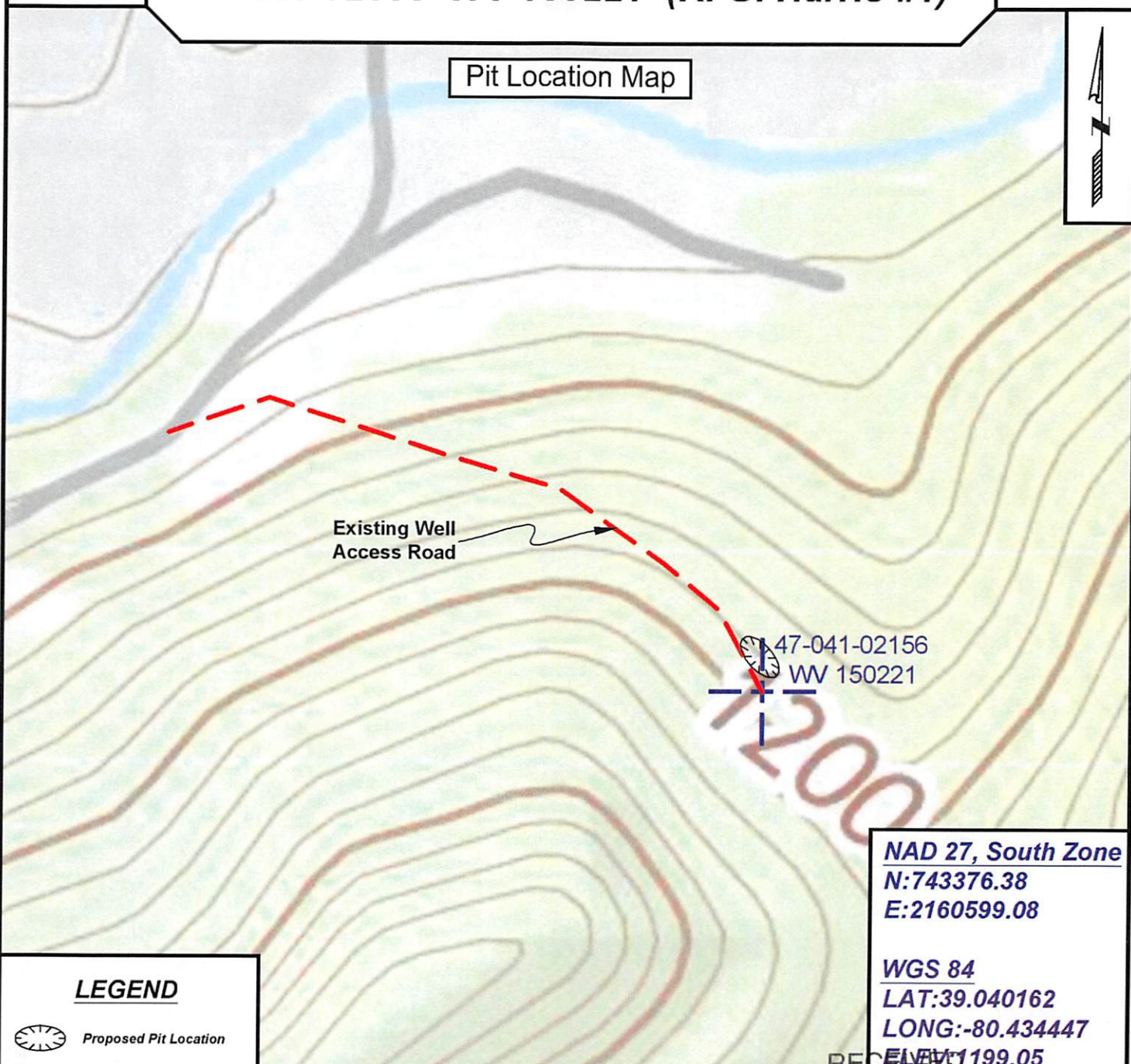
District: Hackers Creek

Project No: 73-12-00-08

47-041-02156 WV 150221 (R. G. Harris #1)

Topo

Pit Location Map



Existing Well
Access Road

47-041-02156
WV 150221

LEGEND



Proposed Pit Location

NAD 27, South Zone
N:743376.38
E:2160599.08

WGS 84
LAT:39.040162
LONG:-80.434447
ELEV:1199.05

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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: Office of Oil and Gas

EQT Production Company

APR 29 2018
P.O. Box 280
Bridgeport, WV 26330
WV Department of
Environmental Protection

Topo Quad: Weston 7.5'

Scale: 1" = 2000' **4704102156P**

County: Lewis

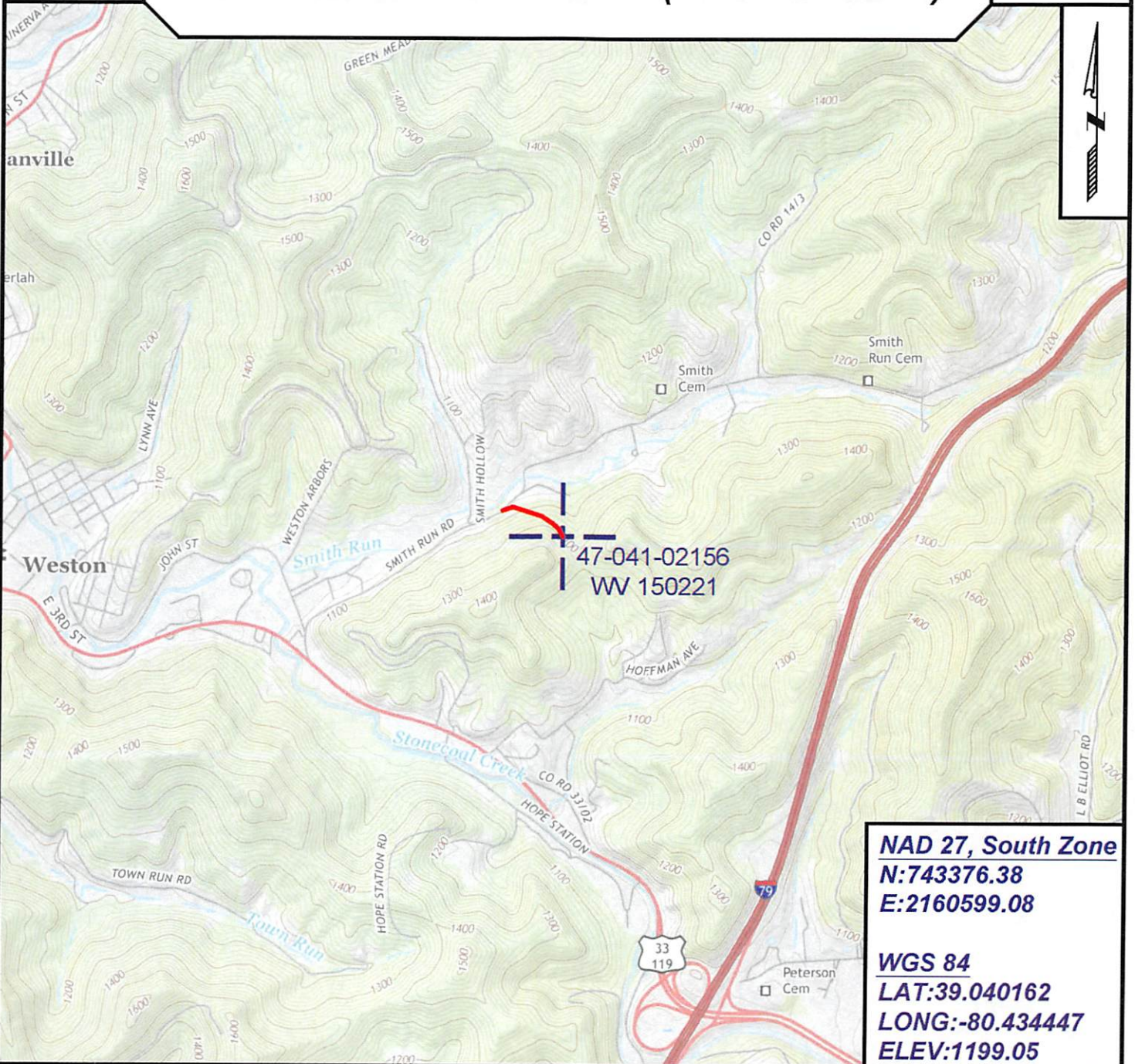
Date: March 02, 2018

District: Hackers Creek

Project No: 73-12-00-08

47-041-02156 WV 150221 (R. G. Harris #1)

Topo



NAD 27, South Zone
N:743376.38
E:2160599.08

WGS 84
LAT:39.040162
LONG:-80.434447
ELEV:1199.05



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

Topo Quad: Weston 7.5'

Scale: 1" = 1000' 47 04 02 156

County: Lewis

Date: March 02, 2018

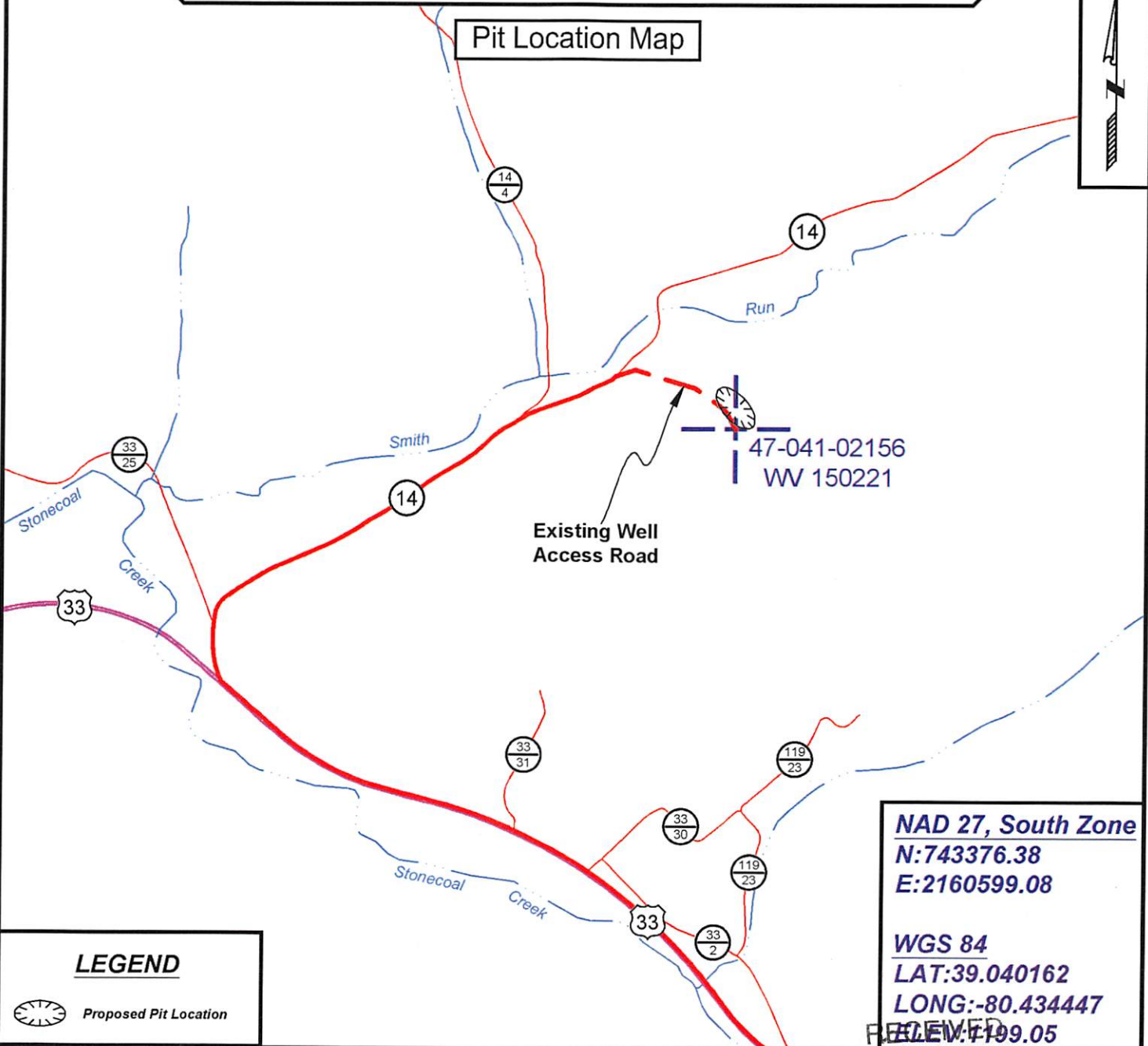
District: Hackers Creek

Project No: 73-12-00-08

Highway

47-041-02156 WV 150221 (R. G. Harris #1)

Pit Location Map



LEGEND

Proposed Pit Location

NAD 27, South Zone
N:743376.38
E:2160599.08

WGS 84
LAT:39.040162
LONG:-80.434447

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APR 23 2018
ELEV: 1199.05



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: Office of Oil and Gas

EQT Production Company

APR 23 2018
P.O. Box 280
Bridgeport, WV 26330
WV Department of
Environmental Protection

4704102156f



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. R. G. Harris #1 - WV 150221 - API No. 47-041-02156

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 693 +/- Owner: Betty Jo Harris
 Address: 42 4B Traylor CT, Weston, WV 26452 Phone No. _____
 Comments: _____

Site: 2 Spacing: 556 +/- Owner: Betty Jo Harris
 Address: 42 4B Traylor CT, Weston, WV 26452 Phone No. _____
 Comments: _____

Site: 3 Spacing: 915 +/- Owner: Betty Jo Harris
 Address: 42 4B Traylor CT, Weston, WV 26452 Phone No. _____
 Comments: _____

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Office of Oil and Gas

APR 23 2018

WV Department of
Environmental Protection

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

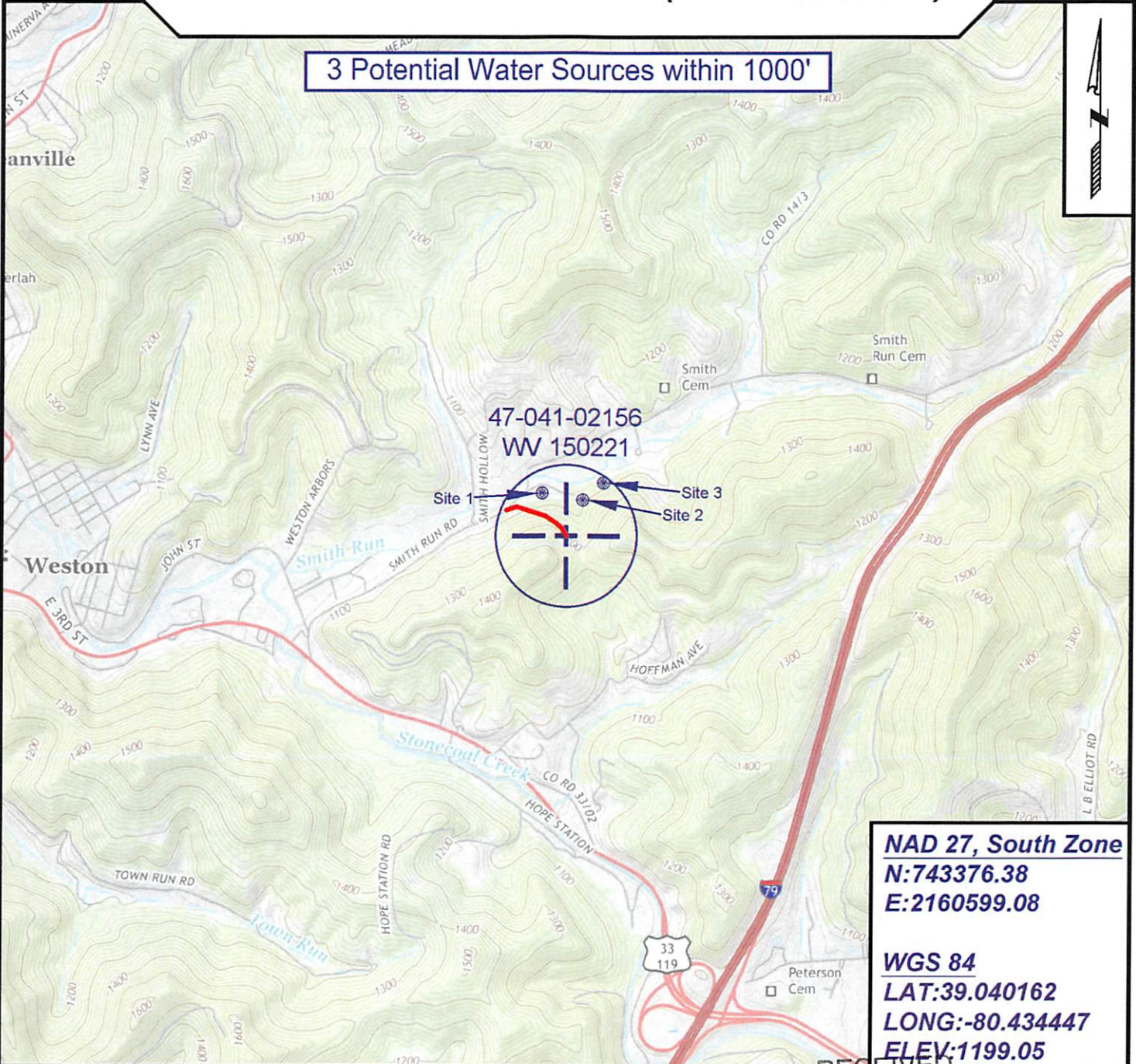
ALUM CREEK OFFICE
P.O. Box 108 • 1413 Childress Road
Alum Creek, WV 25003
phone: 304-756-2949 fax: 304-756-2948

Topo Quad: Weston 7.5' Scale: 1" = 2000'
 County: Lewis Date: March 02, 2018
 District: Hackers Creek Project No: 73-12-00-08

Water

47-041-02156 WV 150221 (R. G. Harris #1)

3 Potential Water Sources within 1000'



NAD 27, South Zone
N:743376.38
E:2160599.08

WGS 84
LAT:39.040162
LONG:-80.434447
ELEV:1199.05

RECEIVED

Office of Oil and Gas
EQT Production Company

APR 23 2018
 Box 280
 Bridgeport, WV 26330

WV Department of
 Environmental Protection



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:

WW-7
3-30-06

4704-02156P



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

API: 47-041-02156 WELL NO.: WV 150221 (R. G. Harris #1)

FARM NAME: Robert G. Harris

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Lewis DISTRICT: Hackers Creek

QUADRANGLE: Weston 7.5'

SURFACE OWNER: Melinda Lee & Jason Drummond

ROYALTY OWNER: Betty Jo Harris

UTM GPS NORTHING: 4321386

UTM GPS EASTING: 548945 GPS ELEVATION: 365 m (1199 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.

RECEIVED
Office of Oil and Gas
APR 23 2018

[Signature]
Signature

PS # 2180
Title

WV Department of
Environmental Protection
3/21/18
Date