



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

Monday, May 07, 2018
WELL WORK PERMIT
Vertical / Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for 2A
47-021-04138-00-00

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: 2A
Farm Name: SHEETS, HOMER, JR.
U.S. WELL NUMBER: 47-021-04138-00-00
Vertical Plugging
Date Issued: 5/7/2018

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.

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

Date: April 5, 2018
Operator's Well
Well No. 159691 Sheets #2A-W279
API Well No.: # 021 - 04138

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: 752 Watershed: Horn Creek
Location: Troy County: Gilmer Quadrangle: Auburn
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 Danny Mullins
Name: 220 Jack Acres Rd
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 4-30-18

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PLUGGING PROGNOIS

159691
 Sheets 2-A
 API# 47-021-04138
 District. Troy
 Gilmer County. WV

BY: R Green
 DATE: 12/11/17

CURRENT STATUS:

TD @ 4905'
Elevation @ 765'

8 5/8" casing @ 600' (Cemented with 150sks)
 4 1/2" casing @ 4839' (Cemented with 500 sks)

Fresh Water @ 60' & 152'
Saltwater @ None Reported
Oil Show @ None Reported
Gas shows @ None Reported
Coal @ None Reported

1. Notify inspector, Danny Mullins @304-932-6844, 24 hrs. prior to commencing operations.
2. TIH check TD @ or below 4750'.
3. TIH to 4750', spot 35 bbl. of 6% gelled water followed by a 300' C1A cement plug 4750' to 4450'. (Upper Elk. & Alexander perms) WOC 8 hrs., Tag TOC, add additional C1A cement if necessary.
4. TOOH to 4450' set a 500' C1A cement plug 4450' to 3950'. (Benson, Riley, and Balltown). WOC 8 hrs. Tag TOC, add additional C1A cement if necessary.
5. TOOH to 3950', set 500' C1A cement plug 3950' to 3450' (Balltown, Speechly), WOC 8hrs, Tag TOC, add additional C1A cement if necessary.
6. TOOH to 3450', set a 650' C1A cement plug 3450' to 2800', (Speechly), WOC 8 Hrs., Tag TOC, add additional C1A cement if necessary.
7. TOOH to 900' set a 300' C1A cement plug 900' to 600'. (Elevation).
8. TOOH to 250' set a 250' C1A cement plug 250' to surface.
9. Erect monument with API#, date plugged, & company name.
10. Reclaim location and road to WV-DEP specifications.

DM

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IV-35
(Rev 8-81)

Date 7-2-1984 138P

State of West Virginia

Department of Mines
Oil and Gas Division

Operator's Well No. 2A
Farm Sheets
API No. 47 - 021 - 4138

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow)

LOCATION: Elevation: 765 Watershed Upper Big Run
District: Troy County Gilmer Quadrangle Auburn 7.5

COMPANY Waco Oil and Gas Company, Inc.
ADDRESS Glenville, WV
DESIGNATED AGENT Kenneth Greenleaf
ADDRESS Glenville, WV
SURFACE OWNER Homer Sheets, Jr.
ADDRESS Cox's Mills, WV 26342
MINERAL RIGHTS OWNER Same
ADDRESS Same
OIL AND GAS INSPECTOR FOR THIS WORK
Deo Mace ADDRESS Sand Ridge, WV
PERMIT ISSUED 12/23/84
DRILLING COMMENCED 9-18-84
DRILLING COMPLETED 12-31-84
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8"			
8 5/8"	600	600	150 ska
7"			
5 1/2"			
4 1/2"		4839	500 ska
3"			
2"			
Liners used			

GEOLOGICAL TARGET FORMATION _____ Depth _____ feet
Depth of completed well 4905 feet Rotary / Cable Tools _____
Water strata depth: Fresh 60,152 feet; Salt None feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Elk, Alexander, Benson Pay zone depth See treatment
Gas: Initial open flow Show Mcf/d Oil: Initial open flow Show Bbl/d
Final open flow 778 Mcf/d Final open flow Show Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 750 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation Riley, Balltown Pay zone depth See treatment
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow Comingled Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

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DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

- Upper Elk - 4743 to 4750 - 500 Gal. 15% HCL, 30,000# 20/40 Sand, 30 MCF N₂
 Alexander - 4579 to 4674 - 500 Gal. 15% HCL, 30,000# 20/40 Sand, 30 MCF N₂
 Benson - 4394 to 4398 - 500 Gal. 15% HCL, 10,000# 80/100 Sand, 20,000# 20/40 Sand, 30 MCF N₂
 Riley - 4008 to 4321 - 750 Gal. 15% HCL, 10,000# 80/100 Sand, 20,000# 20/40 Sand, 30 MCF N₂
 Balltown, Speechly - 750 Gal. 15% HCL, 10,000# 80/100 Sand, 20,000# 20/40 Sand, 30 MCF N₂

4702104138P

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil, and gas
Clay			0	30	1" Stream - 60'
Shale			30	295	2" Stream - 152'
Sand, Shale, Red Rock			295	475	
Sand, Shale			475	1545	
Big Lime			1545	1670	
Big Injun			1670	1711	
Sand and Shale			1711	2849	
Speechly Section			2849	3570	
Balltown Section			3570	4008	
Riley Section			4008	4390	
Benson			4390	4400	
Sand and Shale			4400	4578	
Alexander			4578	4700	
Shale			4700	4726	
Elk			4726	4766	
Shale			4766	4905	- TD

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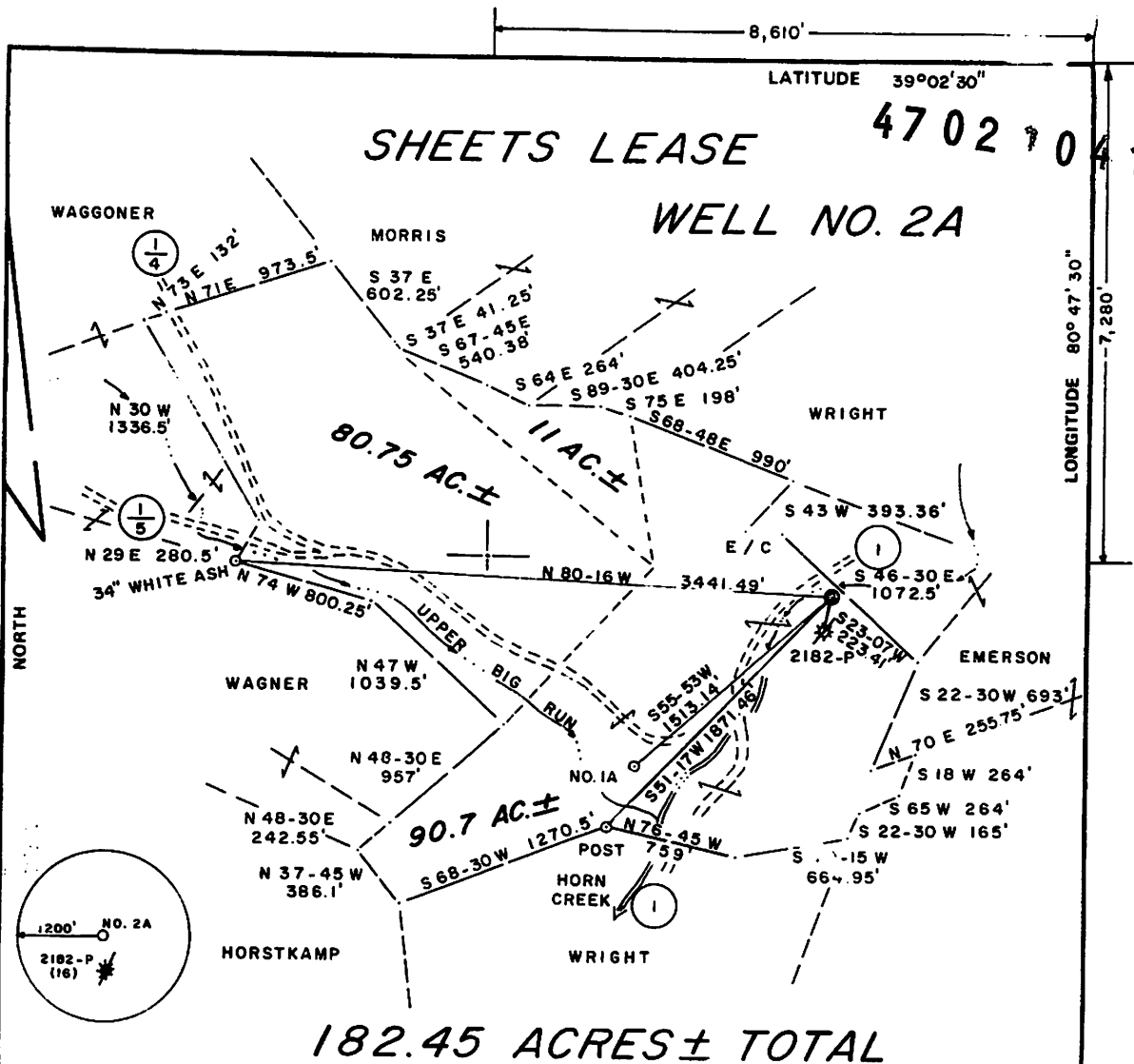
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(Attach separate sheets as necessary)

Waco Oil and Gas Company, Inc.
Well Operator

BY: Kenneth Greenleaf
Date: December 31, 1984

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including those encountered in the drilling of a well."



182.45 ACRES ± TOTAL

FILE NO. 11 - 57
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION JUNCT. OF ROADS
 ELEV. 784'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DEPARTMENT OF MINES.
 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE OCTOBER 19, 19 83
 OPERATOR'S WELL NO. 2A
 API WELL NO. _____
47 - 021 - 4138
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION ELEVATION 755' WATER SHED HORN CREEK
 DISTRICT TROY COUNTY GILMER
 QUADRANGLE AUBURN 7.5'

SURFACE OWNER HOMER SHEETS JR. ACREAGE 90.7
 OIL & GAS ROYALTY OWNER HOMER SHEETS JR. LEASE ACREAGE 90.7 of 182.45
 LEASE NO. _____

PROPOSED WORK DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION FLK ESTIMATED DEPTH 4950'
 WELL OPERATOR WACO OIL & GAS CO., INC. DESIGNATED AGENT KENNY GREENLIEF
 ADDRESS P.O. BOX 4 ADDRESS P.O. BOX 4
GLENVILLE, WV 26351 GLENVILLE, WV 26351

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05/11/2018

1) Date: April 5, 2018
2) Operator's Well Number
159691 Sheets #2A-W279
3) API Well No.: # 021 - 04138
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS 4702704138
NOTICE AND APPLICATION TO PLUG AND ABANDON WELL

4) Surface Owner(s) to be served:
(a) Name Yvonne Ellyson (life)
Address Don and Kevin L Ellyson
6288 Alice Rd.
Coxs Mills WV 26342
(b) Name Marilou and Jack Lybarger
Address 6584 Alice Rd.
Coxs Mills WV 26342
(c) Name _____
Address _____
6) Inspector Danny Mullins
Address 220 Jack Acres Rd
Buckhannon WV 26201
Telephone 304-932-6844

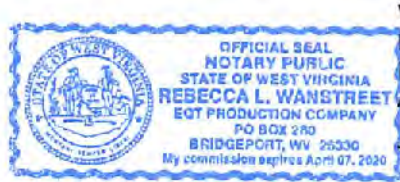
5) (a) Coal Operator:
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name Yvonne Ellyson (life)
Don and Kevin L Ellyson
Address 6288 Alice Rd.
Coxs Mills WV 26342
Name _____
Address _____
(c) Coal Lessee with Declaration
Name None
Address _____

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.

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WV Department of Environmental Protection

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file on this date 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 and location described on the attached Application and depicted on the attached Form WW-6. Copies of this 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: Erin Spine
Its: Regional Land Supervisor
Address: 2200 Energy Drive
Canonsburg PA 15317
Telephone: (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

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.

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): Horn Creek Quadrangle: Auburn

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. 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.

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Company Official Signature *Erin Spine*

Company Official (Typed Name) Erin Spine

Company Official Title Regional Land Supervisor

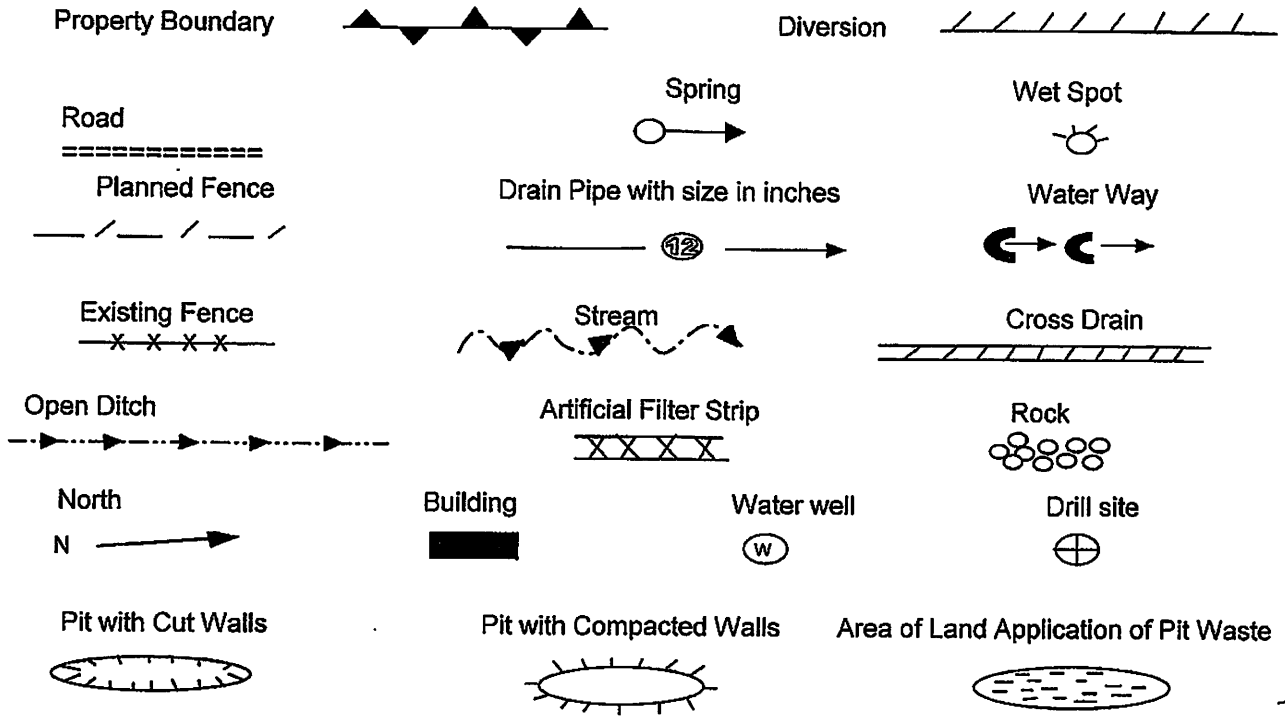
Subscribed and sworn before me this 18 day of April 2018

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

Notary Public



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.

MAY 07 2018

Plan approved by: _____

**WV Department of
 Environmental Protection**

Comments: _____

Title: _____ Date: _____
 Field Reviewed? Yes ✓ No

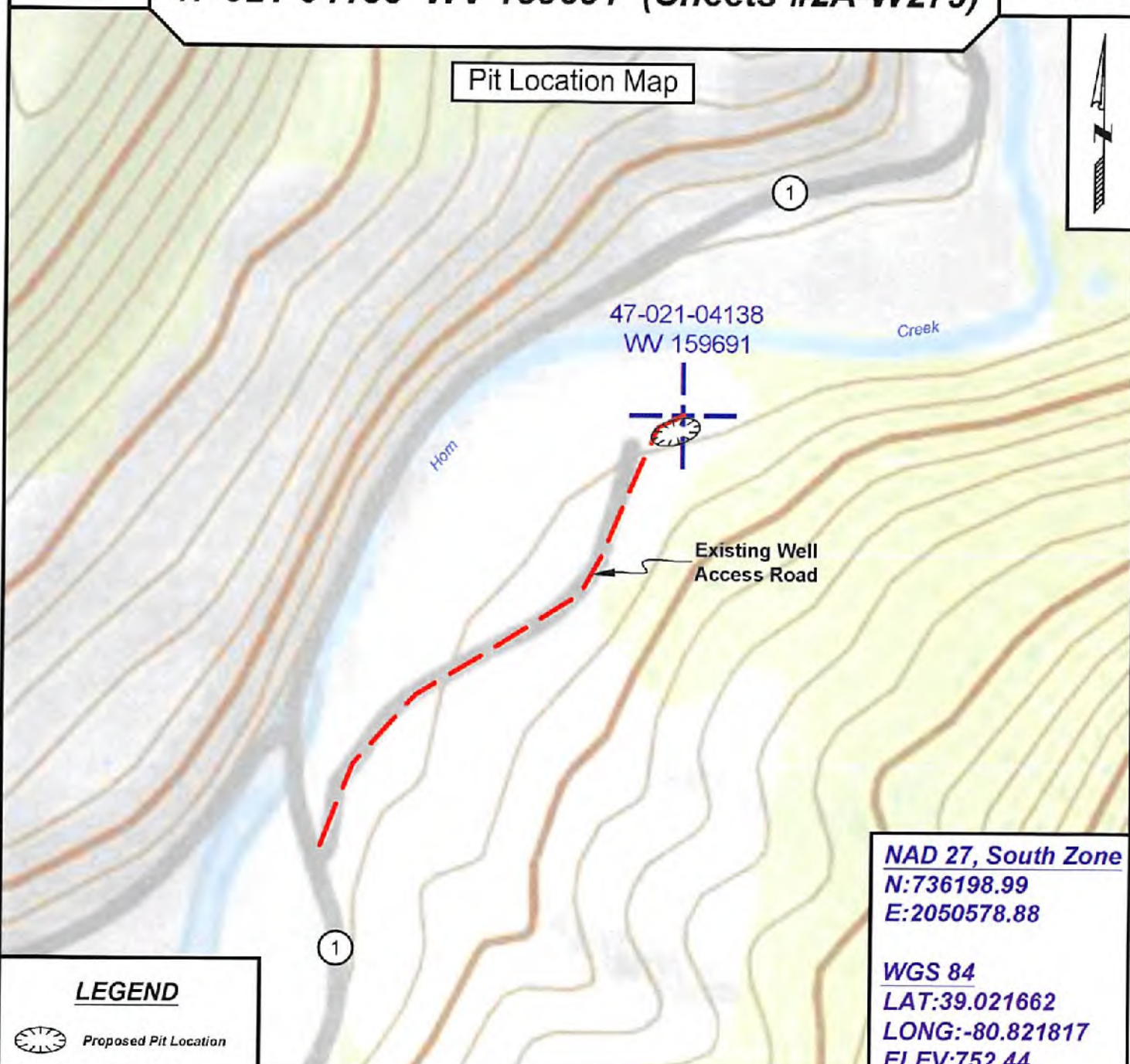
47 02 104138P

Topo Quad: Auburn 7.5' Scale: 1" = 200'
 County: Gilmer Date: March 08, 2018
 District: Troy Project No: 25-19-00-07

47-021-04138 WV 159691 (Sheets #2A-W279)

Topo


Pit Location Map



NAD 27, South Zone
N:736198.99
E:2050578.88

WGS 84
LAT:39.021662
LONG:-80.821817
ELEV:752.44

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
 Office of Oil and Gas
 P.O. Box 280
 Bridgeport, WV 26330

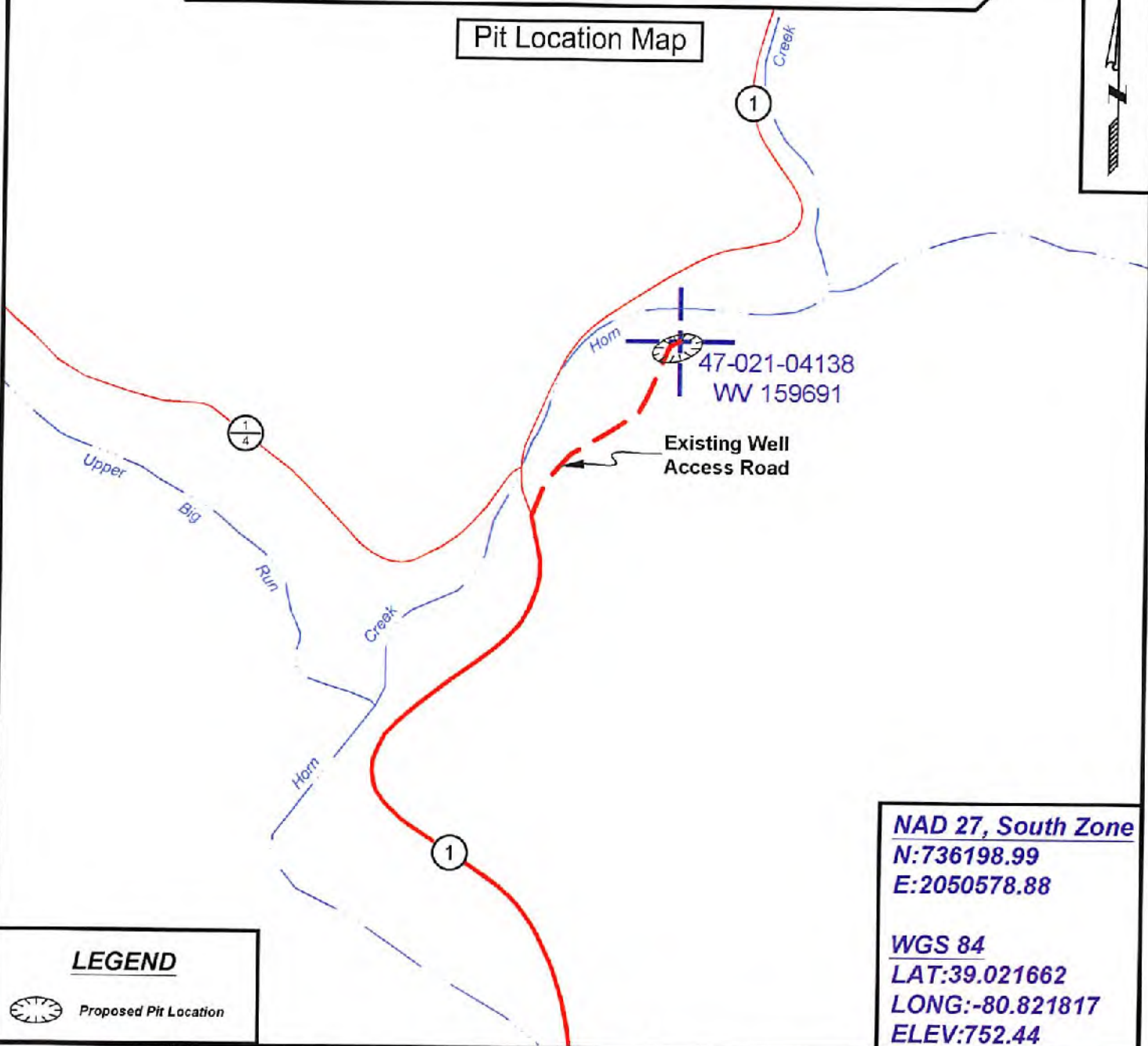
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05/11/2018


Topo Quad: Auburn 7.5' 47 02 1 04 138 P
 Scale: 1" = 500'
 County: Gilmer Date: March 08, 2018
 District: Troy Project No: 25-19-00-07

Highway **47-021-04138 WV 159691 (Sheets #2A-W279)**

Pit Location Map



LEGEND

 Proposed Pit Location

NAD 27, South Zone
 N:736198.99
 E:2050578.88

WGS 84
 LAT:39.021662
 LONG:-80.821817
 ELEV:752.44



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PREPARED FOR: Office of
EQT Production Company
 P.O. Box 280
 Bridgeport, WV 26330
 WV Department of Environmental Protection
 05/11/2018

47 02 104 138P

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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4702104138P

Topo Quad: Auburn 7.5'

Scale: 1" = 2000'

County: Gilmer

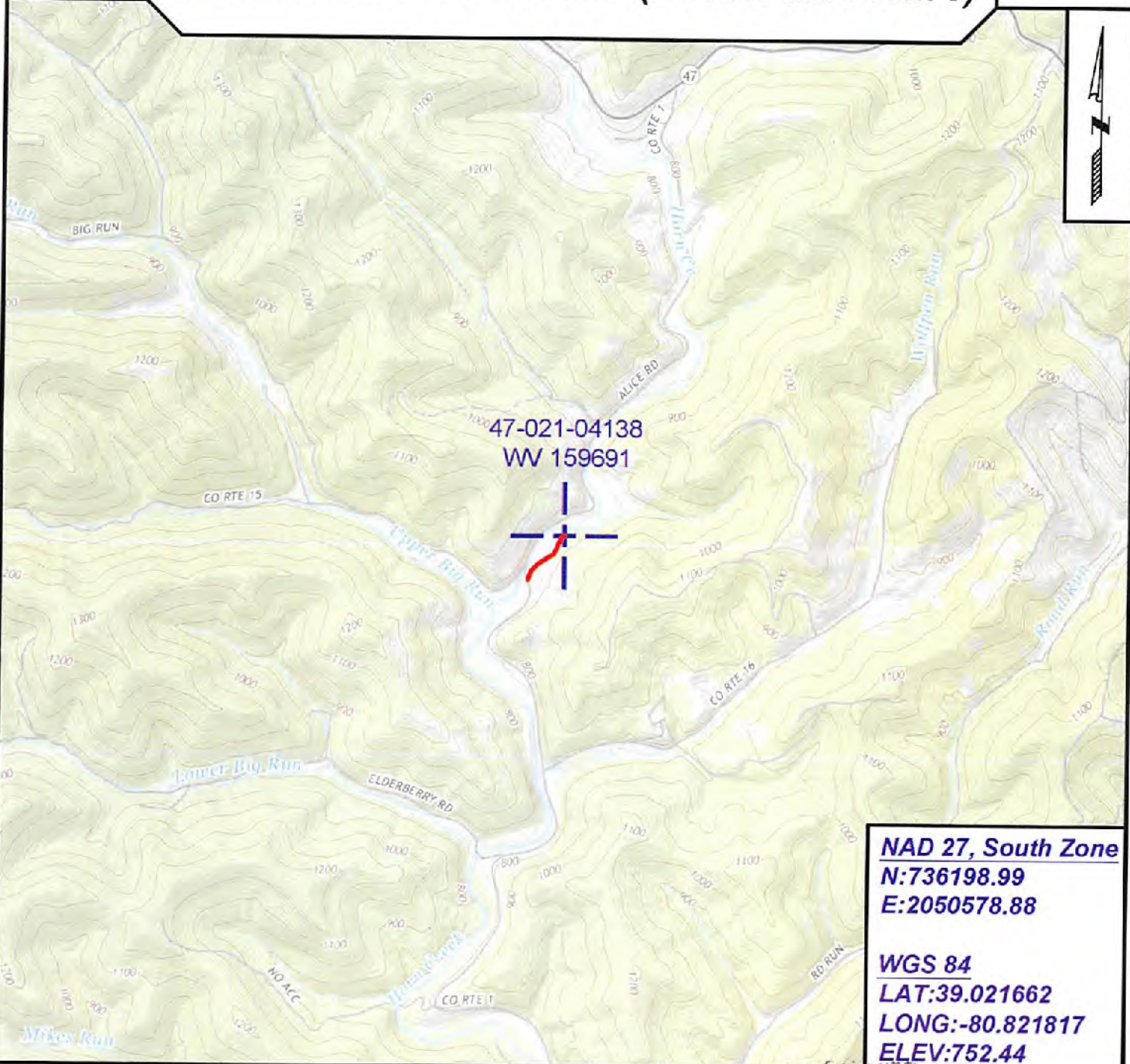
Date: March 08, 2018

District: Troy

Project No: 25-19-00-07

47-021-04138 WV 159691 (Sheets #2A-W279)

Topo



NAD 27, South Zone
N:736198.99
E:2050578.88

WGS 84
LAT:39.021662
LONG:-80.821817
ELEV:752.44



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 1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

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 Office of Oil and Gas
EQT Production Company
 APR 28 2018
 Bridgeport, WV 26330
 WV Department of
 Environmental Protection **05/11/2018**



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY

LEASE NAME AND WELL No. Sheets #2A-W279 - WV 159691 - API No. 47-021-04138

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 663 +/- Owner: Don S. Ellyson and Kevin L. Elyson - Yvonne Ellyson (Life Estate)

Address: 6288 Alice Rd., Coxs Mills, WV 26342 Phone No. _____

Comments: _____

Site: 2 Spacing: 422 +/- Owner: Marilou & Jack Lybarger

Address: 6584 Alice Rd., Coxs Mills, SC 26342 Phone No. _____

Comments: _____

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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

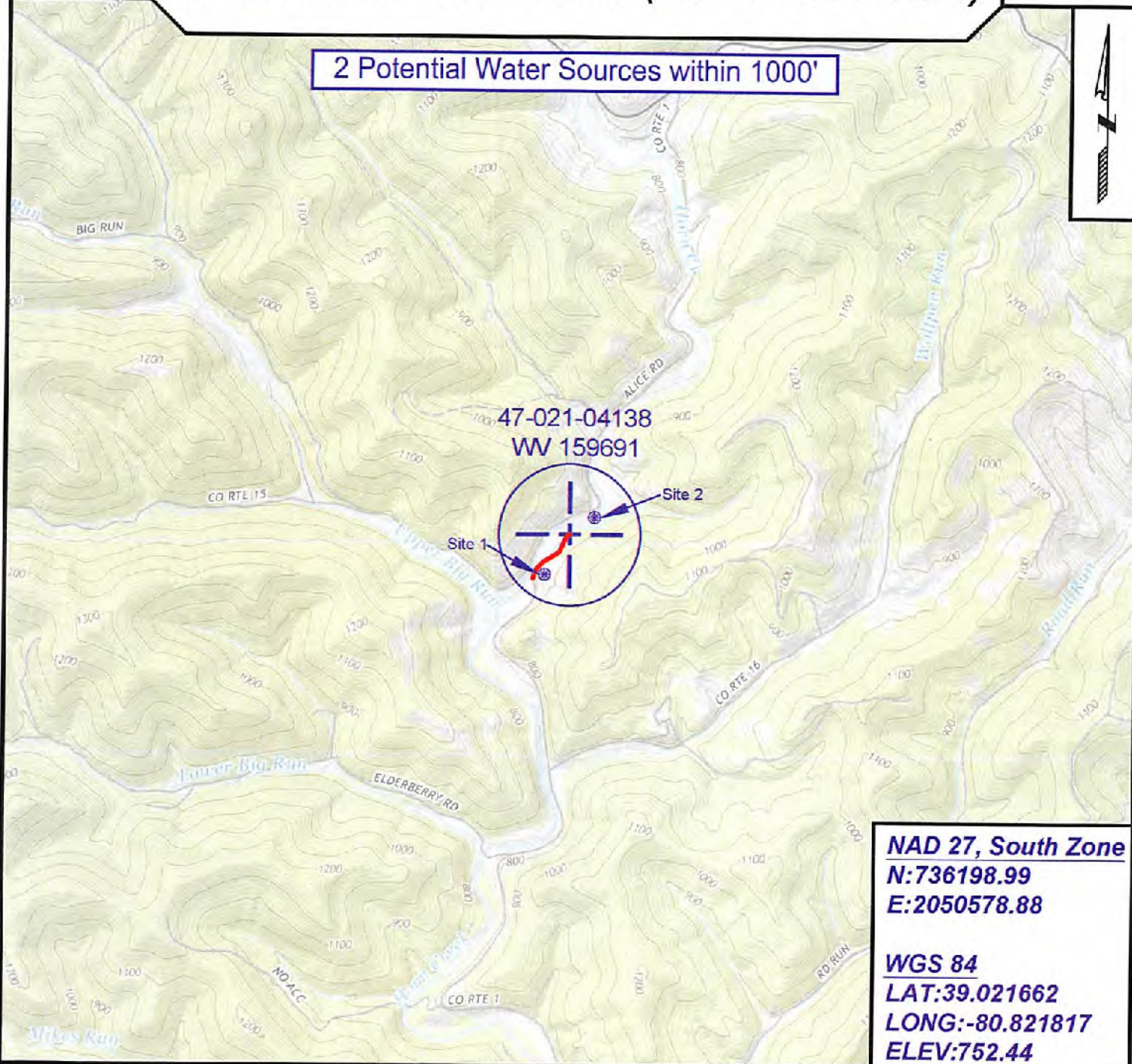
47 02 104 138 P

Topo Quad: Auburn 7.5' Scale: 1" = 2000'
 County: Gilmer Date: March 08, 2018
 District: Troy Project No: 25-19-00-07

Water

47-021-04138 WV 159691 (Sheets #2A-W279)

2 Potential Water Sources within 1000'



NAD 27, South Zone
N:736198.99
E:2050578.88

WGS 84
LAT:39.021662
LONG:-80.821817
ELEV:752.44



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 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR: **RECEIVED**
 Office of Oil and Gas
EQT Production Company
 P.O. Box 280
 Bridgeport, WV 26308

WV Department of Environmental Protection **05/11/2018**

WW-7
8-30-06



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

API: 47-021-04138 WELL NO.: WV 159691 (Sheets #2A-W279)

FARM NAME: Homer R. Sheets, Jr.

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Gilmer DISTRICT: Troy

QUADRANGLE: Aubrun 7.5'

SURFACE OWNER: Don S. Ellyson and Kevin L. Ellyson

ROYALTY OWNER: Don S. Ellyson and Kevin L. Ellyson

UTM GPS NORTHING: 4319196

UTM GPS EASTING: 515425 GPS ELEVATION: 229 m (752 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 #2180
Title

3/22/18
Date

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