



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, February 18, 2020
WELL WORK PLUGGING PERMIT
Horizontal Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for POTOZNY UNIT A 3H
47-049-02096-00-00

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

Operator's Well Number: POTOZNY UNIT A 3H
Farm Name: POTOZNY, JOSEPH J. & KEITH
U.S. WELL NUMBER: 47-049-02096-00-00
Horizontal Plugging
Date Issued: 2/18/2020

Promoting a healthy environment.

I

47-029-02096 P

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.

4704902096P

WW-4B
Rev. 2/01

1) Date January 23, 2020
2) Operator's
Well No. 519209 Potoczny Unit A JH
3) API Well No. 47-049 - 5206

STATE OF WEST VIRGINIA
DEPARTMENT 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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1400 Watershed Dunkard Mill Run
District Lincoln County Marion Quadrangle Mannington

6) Well Operator EQT Production Company 7) Designated Agent Joseph C. Mallow
Address 400 Woodcliff Drive Address 115 Professional Place
Canonsburg PA 15317 Bridgeport WV 26330

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sam Ward Name HydroCarbon Well Service
Address PO Box 2327 Address PO Box 995
Buckhannon, WV 26201 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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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector [Signature] Date 1/4/2020

PLUGGING PROGNOSIS

519209

Potoczny, Joseph J. and Kelly Jo 3H

API# 47-049-02096

District, Lincoln

Marion County, WV

BY: Josh Horvath

DATE: 02/6/19

CURRENT STATUS:**TD @ 2410'****Elevation @ 1405'**

20" casing @ 35' Sanded in

13 3/8" casing @ 927' - CTS

9 5/8" casing @ 2380' - CTS

Drilled to 2410' then ran 9 5/8" casing and cemented.

Fresh Water @ 84'

Saltwater @ None Reported

Oil Show @ None Reported

Gas shows @ None Reported

Coal @ 792' - 818'

1. Notify inspector Sam Ward @ 304-389-7583, 24 hrs. prior to commencing operations.
2. TIH, check TD @ or below 2340', due to float collar in 9 5/8" casing.
3. TIH to 2340', circulate 6% gelled water a full bottoms up followed by a 200' CIA cement plug, 2340' to 2140'. TOOH and WOC.
4. TIH to tag top of cement, TOOH to 1600' and set a 300' CIA cement plug from 1600' to 1300' for elevation.
5. TOOH to 1027' and set a 335' CIA cement plug from 1027' to 692'. (13 3/8" casing seat and coal).
6. TOOH to 200' set a 200' CIA cement plug 200' to Surface.
7. Erect monument with API#, date plugged, & company name.
8. Reclaim location and road to WV-DEP specifications.

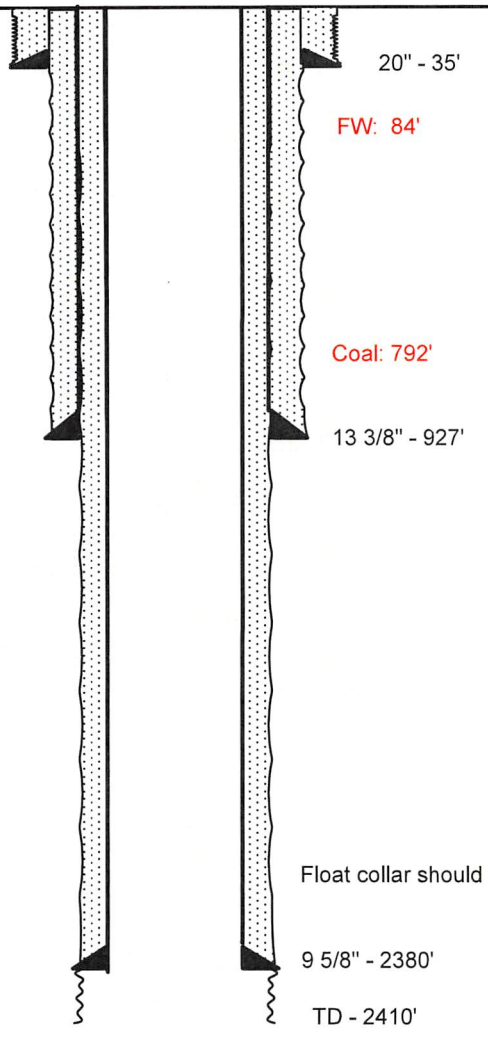
SDW
1/24/2020No WW-9
No changes to access road -
Not requiredRECEIVED
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EQT	MRC Well
-----	----------

Well	: 519209	Rig	:		
Pad	: Potoczny Unit A 3H	Prospect	:		
County	: Marion	State	:	WV	Elevation : 1405'
Location	: Lat:	Long:	:		
BHL	: Lat:	Long:	:		



Tubular Detail									
	Size	Weight	Grade	Cxn	From	To	TOC	Sks	
Conductor	20"				0'	35'	Sand	UNK	
Surface	13 3/8"				0'	927'	Surf	411	
Intermediate	9 5/8"				0'	2380'	Surf	770	
Production	N/A				0'	N/A	N/A	N/A	

Float collar should be @ 2340'

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WR-35
Rev (8-10)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: July 13, 2011
API #: 47-049-02096
TOP HOLE

Farm name: Poloczny, Joseph J. and Kelly Jo Operator Well No.: Poloczny Unit A #3H

LOCATION: Elevation: 1,405' Quadrangle: Mannington

District: Lincoln County: Marion
Latitude: 3 150 Feet South of 30 Deg. 25 Min. 00 Sec.
Longitude: 80 42 Feet West of 00 Deg. 15 Min. 00 Sec.

Company: Stone Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft
6000 Hampton Center, Suite B Morgantown, WV 26505	20"	35'	35'	Sanded In
Agent: <u>Tim McGregor</u>	13-3/8"	927'	927'	485
Inspector: <u>Tristan Jenkins</u>	9-5/8"	2,380'	2,380'	909
Date Permit Issued: <u>3/9/2010</u>				
Date Well Work Commenced: <u>10/11/2010</u>				
Date Well Work Completed: <u>10/15/2010</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Vertical Depth (ft): <u>2,410</u>				
Total Measured Depth (ft): <u>2,410</u>				
Fresh Water Depth (ft.): <u>84</u>				
Salt Water Depth (ft.): <u>None Reported</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depth (ft.): <u>792</u>				
Void(s) encountered (N/Y) Depth(s) <u>None</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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

[Signature]
Signature

7/19/2011
Date

SDW
2/4/2020

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Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were N Electrical, N Mechanical, Y or Geophysical logs recorded on this well?
Y/N Y/N Y/N

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Well is not yet drilled to the completed TD. Has only been drilled to the 9-5/8" casing point and the 9-5/8" casing has been run and cemented to surface. Will return at later date to finish drilled well and perform completion operations.

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

Formations encountered are listed on a separate page.

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Stone Energy Corporation
 Potoczny Unit A #3H (API # 47-049-02096)
 WR-35 Well Operator's Report of Well Work
 Formations Encountered

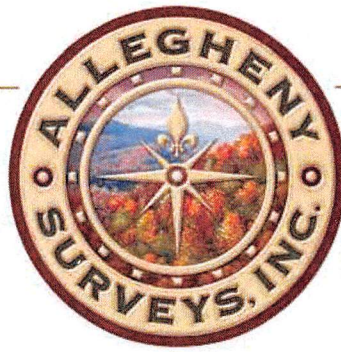
Formations	Top		Bottom	
	TVD (ft)	MD (ft)	TVD (ft)	MD (ft)
Sandstone and Shale	0 *		707	
Sandstone and Shale	714 *		792	
Pittsburgh Coal	792 *		818	
Sandstone and Shale	818 *		2018	
Little Lime	2018 *		2042	
Sandstone and Shale	2042 *		2071	
Big Lime	2071 *		2273	
Big Injun Sandstone	2273 *		2309	
Shale	2309 *		2410	
Berea Sandstone				
Shale				
Gantz				
Shale				
50 Foot Sandstone				
Shale				
Gordon				
Shale				
5th Sand				
Shale				
Speechley				
Shale				
Balltown				
Shale				
Lower Alexander shale				
Shale				
Cashaqua Shale				
Middlesex Shale				
Geneseo Shale				
Tully Limestone				
Hamilton Shale				
Marcellus Shale				
TD				

* Formation elevations from pilot hole log and Driller's Log

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Well Pad Site Pictures
Potoczny Unit A #3H
WV 519209 47-049-02096



WV 519209 Well ID Sign



WV 519209 Well Pad Site



WV 519209 Well Pad Site



WV 519209 Well Pad Site

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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

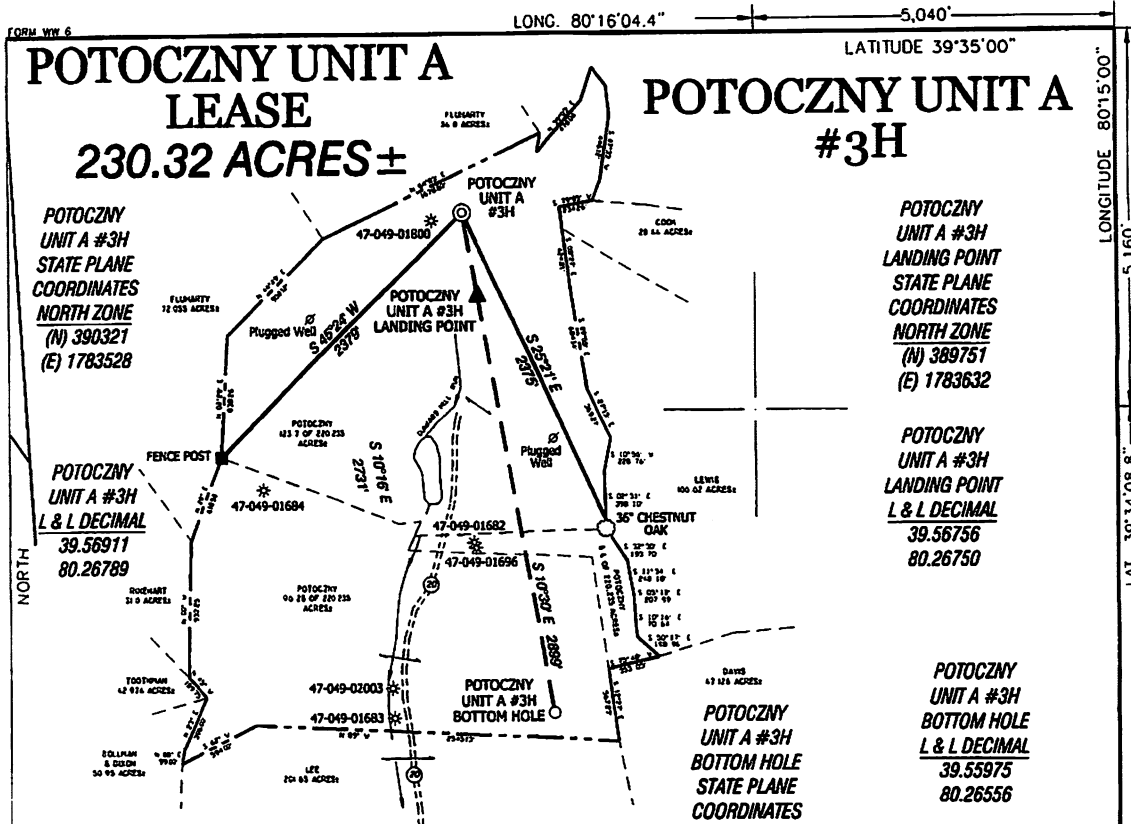
172 Thompson Drive
Bridgeport, WV 26330

phone: 304-848-5035 fax: 304-848-5037

CHARLESTON OFFICE

301 RHL Boulevard - Suite 5
Charleston, WV 25309

phone: 304-756-2949 fax: 304-756-2948



POTOCZNY UNIT A #3H STATE PLANE COORDINATES NORTH ZONE (N) 390321 (E) 1783528

POTOCZNY UNIT A #3H L & L DECIMAL 39.56711 80.26789

POTOCZNY UNIT A #3H

POTOCZNY UNIT A #3H LANDING POINT STATE PLANE COORDINATES NORTH ZONE (N) 389751 (E) 1783632

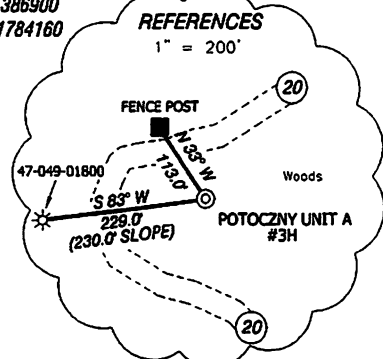
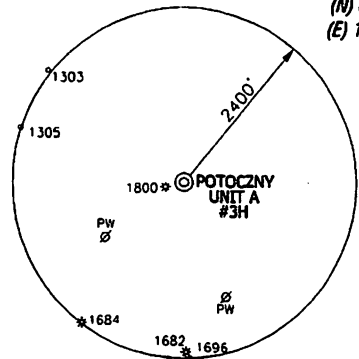
POTOCZNY UNIT A #3H LANDING POINT L & L DECIMAL 39.56756 80.26750

POTOCZNY UNIT A #3H BOTTOM HOLE L & L DECIMAL 39.55975 80.26556

POTOCZNY UNIT A #3H BOTTOM HOLE STATE PLANE COORDINATES NORTH ZONE (N) 386900 (E) 1784160

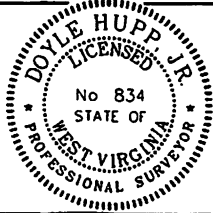
NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 01-04-09. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED RECORDED IN DEED BOOK 936 AT PAGE 642 AND INFORMATION PROVIDED BY MEADOW RIDGE DEVELOPMENT, LLC. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN AUGUST, 2006 AND INFORMATION PROVIDED BY MEADOW RIDGE DEVELOPMENT, LLC. WELL LAT /LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 DIVISION OF ENVIRONMENTAL PROTECTION

P.S. 834 *Doyle Hupp Jr.*
 HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 EMAIL: hupp@frantier.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE FEBRUARY 16, 2010
 OPERATORS WELL NO. POTOCZNY UNIT A #3H
 API WELL NO. 47-049-02096H
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1514 (BK42-54)
 PROVEN SOURCE OF ELEVATION SCALE 1" = 50C
 DGPS (SUBMETER GRADE)

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

WELL TYPE : OIL ___ GAS LIQUID WASTE IF "GAS" PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION : ELEVATION 1,405' WATERSHED DUNKARD MILL RUN DISTRICT LINCOLN COUNTY MARION QUADRANGLE MANNINGTON 7 5'

SURFACE OWNER JOSEPH J. & KELLY JO POTOCZNY ACREAGE 220.235±

ROYALTY OWNER RELIABLE ENERGY LAND AND LEASING, L.L.C., ETAL LEASE ACREAGE 230.32±

PROPOSED WORK : LEASE NO. ___

DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___

PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION MARCELLUS ESTIMATED DEPTH MD- 11400' TVD-8250'

WELL OPERATOR STONE ENERGY CORPORATION DESIGNATED AGENT *Kevin Stiles*
 ADDRESS P.O. BOX 52807 LAFAYETTE, LA 70508 ADDRESS 6000 HAMPTON CENTER SUITE B MORGANTOWN WV 26505

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 COUNTY NAME PERMIT

47-049-02096

519209 Potoczny Unit A 3H

Owner(s) (Surface and Access)

Joseph J Potoczny ✓
4201 Husky Hwy
Farmington, WV 26571

Coal Owner(s)

Joseph J Potoczny ✓
4201 Husky Hwy
Farmington, WV 26571

Consolidation Coal Company ✓
1000 Consol Energy Drive, Suite 100
Canonsburg, PA 15044

Gordon L & Delores K Mandell ✓
7000 West Grove Trace
Gibsonia, PA 15044

Waco Oil & Gas Co Inc ✓
PO Box 880
Glennville, WV 26351-0880

Reliable Land and Leasing LLC ✓
PO Box 1549
Washington, PA 15301-1549

Bennett Family Trust dated 3/2/2017 ✓
62241 Homestead Drive
Barnesville, OH 43713

Darrell R Richards and David E Bowyer ✓
608 Independence Road
Salem, WV 25426

Conditional Coal Owner(s)

H3LLC ✓
1483 Johns Creek Rd
Milton, WV 25541

Eastern Associated Coal Corp ✓
PO Box 642411
Pittsburgh, PA 15264-2411

American Bituminous Power Partners ✓
PO Box 129
Granttown, WV 26574-0129

Murray Energy Corporation ✓
46226 National Road
St Clairsville, OH 43950

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SURFACE OWNER WAIVER

Operator's Well
Number

519209 Potoczny Unit A 3H

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A 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
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

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Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his 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.

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.

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
ETC.

FOR EXECUTION BY A CORPORATION,


Signature

Date 1/29/2020 Name _____

By
Its

Date

Signature

Date

WW-4A
Revised 6-07

1) Date: January 23, 2020
2) Operator's Well Number
519209 Potoczny Unit A 3H
3) API Well No.: 47 - 049 - 02096

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>See Attached</u>	Name _____
Address _____	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
(c) Name _____	Address _____
Address _____	Name _____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 2327</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-389-7583</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 Department 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.

COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Rebecca Shrum, Notary Public
 North Sewickley Twp., Beaver County
 My Commission Expires March 9, 2020
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Well Operator EQT Production Company
 By: Erin Spine
 Its: Supervisor - Subsurface Permitting
 Address 400 Woodcliff Drive
Canonsburg PA 15317
 Telephone (724) 271-7380

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Subscribed and sworn before me this 23rd day of January 2020
Rebecca Shrum Notary Public
 My Commission Expires March 9, 2020

WV Department of Environmental Protection

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a 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.

WW-9
(5/16)

API Number 47 - 049 - 02096
Operator's Well No. 519209 Potoczny Unit A 3H

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

Operator Name EQT Production Company OP Code 306686

Watershed (HUC 10) Dunkard Mill Run Quadrangle Mannington

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Formation Fluids

Will a synthetic liner be used in the pit? Yes No If 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 _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- 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, removed 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 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 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 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 [Signature]

Company Official (Typed Name) Erin Spine

Company Official Title Supervisor - Subsurface Permitting

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Subscribed and sworn before me this 23rd day of January, 2020

[Signature]

Notary Public

My commission expires March 9, 2020

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Rebecca Shrum, Notary Public
North Sewickley Twp., Beaver County
My Commission Expires March 9, 2020
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Proposed Revegetation Treatment: Acres Disturbed 1± Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type (10-20-20) or equivalent

Fertilizer amount 1/3 ton lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Red Fescue	40
Aslike Clover	5
Annual Rye	15

Seed Type	lbs/acre
Red Fescue	15
Aslike Clover	5

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

Title: _____

Date: _____

Field Reviewed? () Yes () No

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Office of Oil and Gas

FEB 07 2020

WV Department of
Environmental Protection

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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Office of Oil and Gas

FEB 07 2020

WV Department of
Environmental Protection

Topo Quad: Mannington 7.5'

Scale: 1" = 500'

47-049-02096P

County: Marion

Date: January 20, 2020

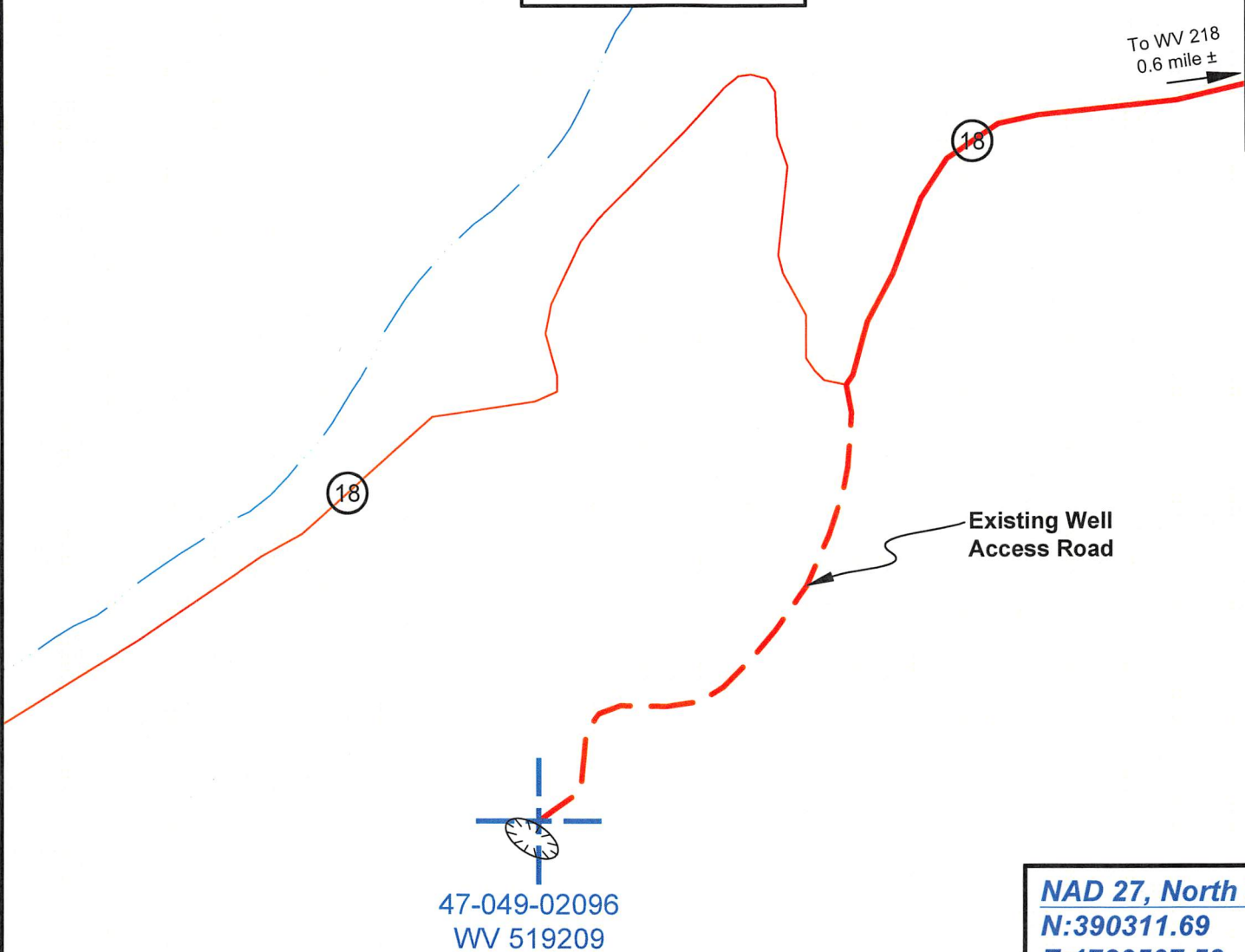
District: Lincoln

Project No: 74-18-00-08

Highway

47-049-02096 WV 519209 (Potoczny Unit A 3H)

Pit Location Map



47-049-02096
WV 519209

NAD 27, North Zone
N:390311.69
E:1783537.58


WGS 84
LAT:39.569176
LONG:-80.267663
ELEV:1399.82

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Office of Oil and Gas

FEB 07 2020

WV Department of
Environmental Protection

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

400 Woodcliff Drive
Canonsburg, PA 15317

Topo Quad: Mannington 7.5'

Scale: 1" = 200'

47-049-02096P

County: Marion

Date: January 20, 2020

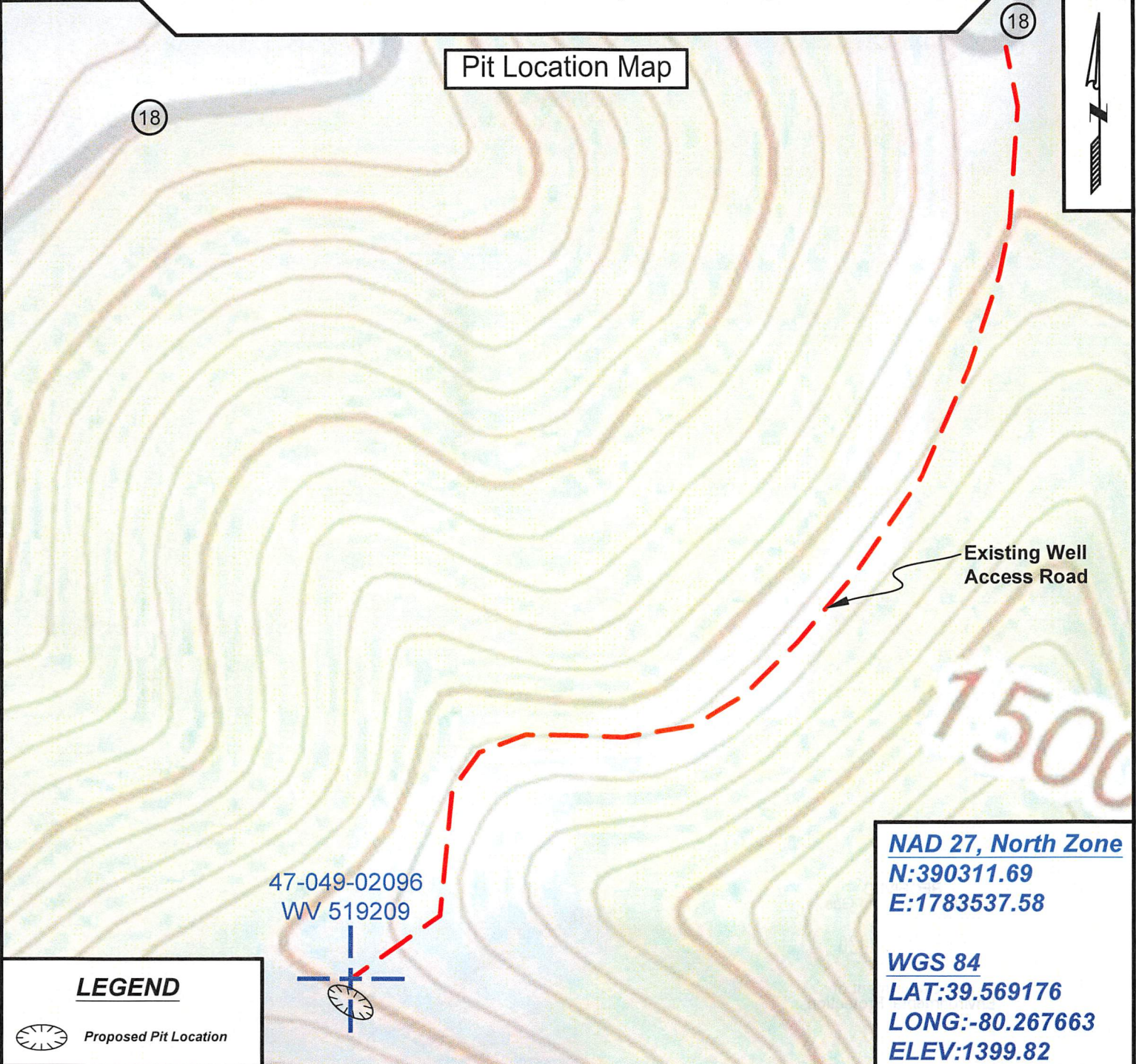
District: Lincoln

Project No: 74-18-00-08

47-049-02096 WV 519209 (Potoczny Unit A 3H)

Topo

Pit Location Map




Existing Well Access Road

47-049-02096
WV 519209

NAD 27, North Zone
N:390311.69
E:1783537.58

WGS 84
LAT:39.569176
LONG:-80.267663
ELEV:1399.82

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

400 Woodcliff Drive
Canonsburg, PA 15317

Topo Quad: Mannington 7.5'

Scale: 1" = 500'

47-049-02096P

County: Marion

Date: January 20, 2020

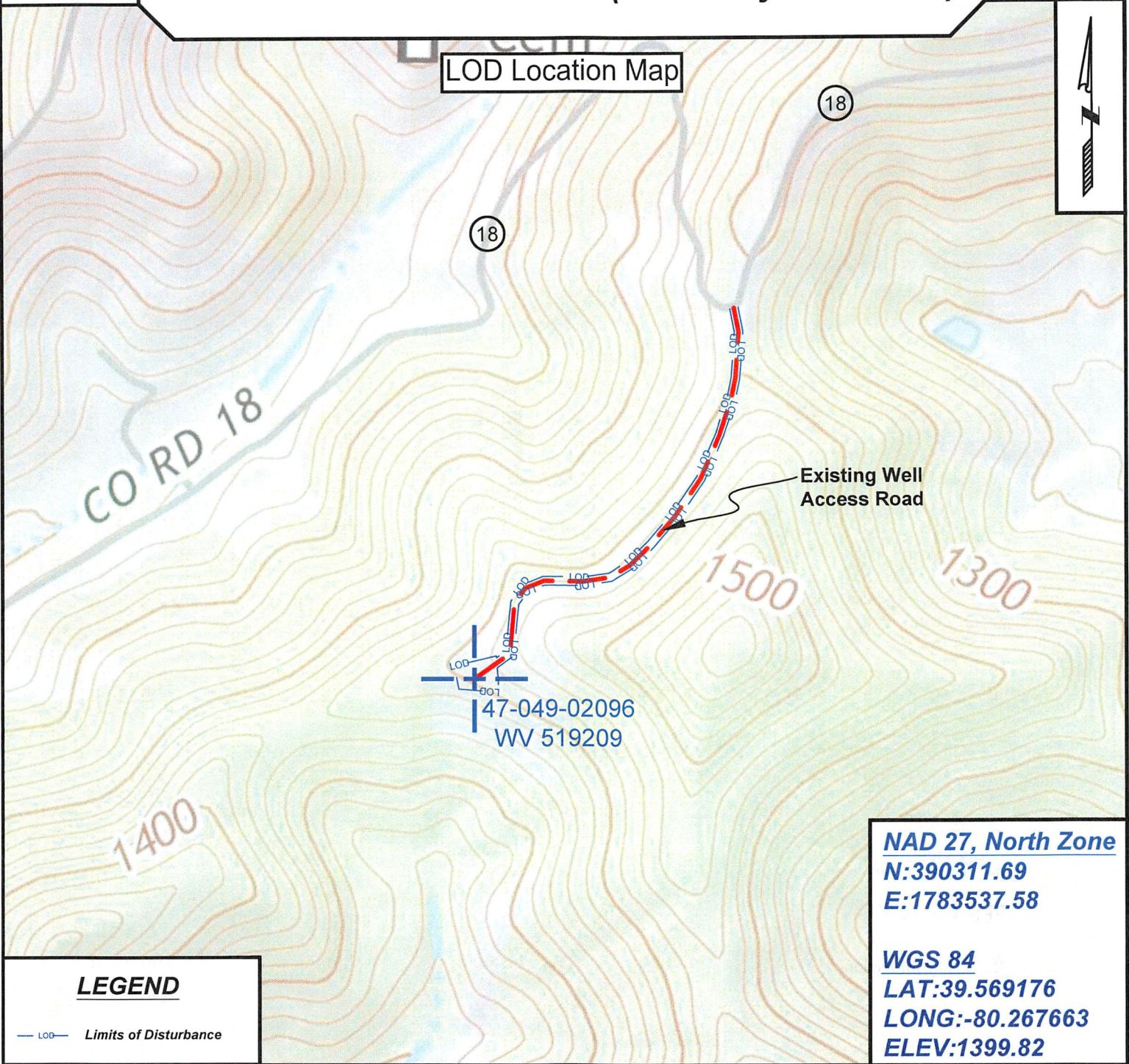
District: Lincoln

Project No: 74-18-00-08

47-049-02096 WV 519209 (Potoczny Unit A 3H)

Topo

LOD Location Map



LEGEND

— LOD — Limits of Disturbance

NAD 27, North Zone
N:390311.69
E:1783537.58

WGS 84
LAT:39.569176
LONG:-80.267663
ELEV:1399.82



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

400 Woodcliff Drive
 Canonsburg, PA 15317

47-049-02096P

Topo Quad: Mannington 7.5'

Scale: 1" = 2000'

County: Marion

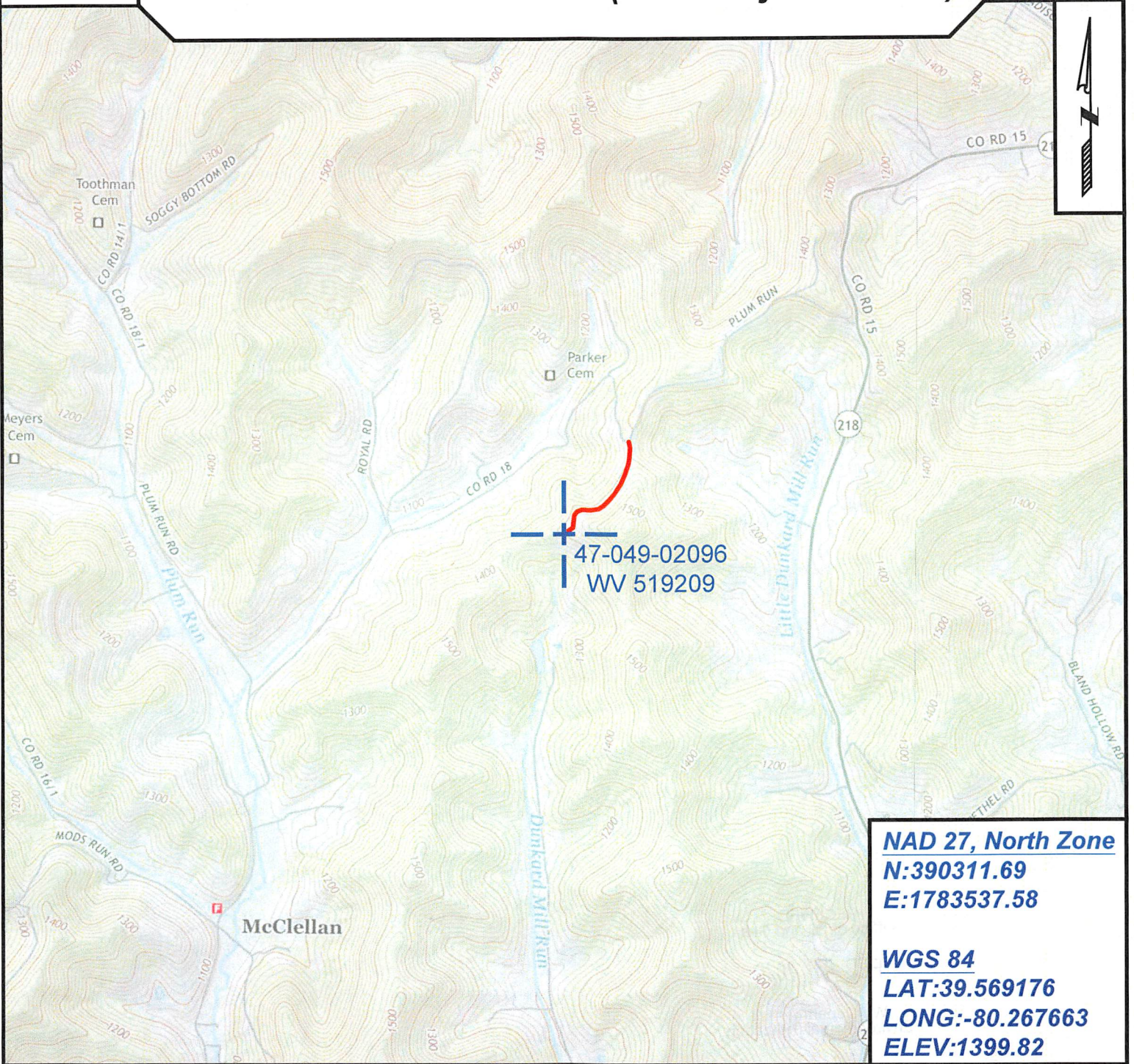
Date: January 20, 2020

District: Lincoln

Project No: 74-18-00-08

47-049-02096 WV 519209 (Potoczny Unit A 3H)

Topo



NAD 27, North Zone
N:390311.69
E:1783537.58

WGS 84
LAT:39.569176
LONG:-80.267663
ELEV:1399.82



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
 400 Woodcliff Drive
 Canonsburg, PA 15317

WW-7
8-30-06



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

API: 47-049-02096 WELL NO.: WV 519209 (Potoczny Unit A 3H)

FARM NAME: Joseph J. & Kelly Jo Potoczny

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Marion DISTRICT: Lincoln

QUADRANGLE: Mannington 7.5'

SURFACE OWNER: Joseph J. Potoczny

ROYALTY OWNER: Waco Oil and Gas

UTM GPS NORTHING: 4380198

UTM GPS EASTING: 562903 GPS ELEVATION: 427 m (1400 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

PS# 2100
Title

1/20/2020
Date

WV Department of
Environmental Protection

FEB 07 2020

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Office of Oil and Gas