



 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, March 5, 2019
 WELL WORK PLUGGING PERMIT
 Vertical Plugging

EQT PRODUCTION COMPANY
 625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for 4880
 47-085-03998-00-00

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: 4880
 Farm Name: HALL
 U.S. WELL NUMBER: 47-085-03998-00-00
 Vertical Plugging
 Date Issued: 3/5/2019

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.

- 1) Date December 11, 2018
- 2) Operator's
Well No. 604880 W. H. Hall #4880
- 3) API Well No. 47-085-03998

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 / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow
- 5) Location: Elevation 1118 Watershed Bear Creek
District Union County Ritchie Quadrangle Auburn
- 6) Well Operator EQT Production Company 7) Designated Agent Jason Ranson
Address 2400 Ansys Drive- Suite 200 Address 120 Professional Place
Canonsburg PA 15317 Bridgeport WV 26330
- 8) Oil and Gas Inspector to be notified Name Michael Goff
Address 1723 Auburn Road
Pullman WV 26421
- 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.

**CHECK #25226 DATED 12-19-18 \$700.00
7 PLUGGING PERMITS
47-017-02069 47-103-02433
47-033-01666 47-103-02534
47-033-01672
47-085-03998
47-085-06525**

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OK [Signature] FOR MICHAEL GOFF

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector _____ Date _____

PLUGGING PROGNOSIS

604880
 W.H.Hall #4880
 API# 47-085-03998
 District, Union
 Ritchie County, WV

DATE: 10/2/18

CCURRENT STATUS:

TD @ 2057'

Elevation @ needs surveyed

10" casing @ 280'
 8 1/4" casing @ 1070'
 6 5/8" casing @ 1912'
 3" tubing @ 2057' (set on 3" X 6 5/8" packer @ 1984')

Fresh Water @ None Reported
Saltwater @ None Reported
Gas Show @ 1956'-2016'
Oil shows @ None Reported
Coal @ None Reported

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1. Notify inspector, Michael Goff @ 304-549-9823, 24 hours prior to commencing operations.
2. TIH and locate packer and check TD @ or below 2050'.
3. Attempt to release packer and TOO H 3" tubing and packer, if unable to release packer and TOO H tubing, contact EQT supervisor. If able to release packer and TOO H tubing and packer, continue to next step.
4. TIH to 2050' and spot 80 bbl. of 6% gelled water followed by a 550' C1A cement plug, 2050' to 1500' (Gas show & 6 5/8" casing seat). WOC 8 hrs. Tag TOC, add additional C1A cement if necessary.
5. Free point 6 5/8" casing. Cut casing @ free point. TOO H 6 5/8" casing.
6. Set a 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 1150' set a 200' C1A cement plug 1150' to 950'. (8 1/4" casing seat).
8. Free point 8 1/4" casing. Cut casing @ free point. TOO H 8 1/4" casing.
9. Set a 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. TOO H to elevation set a 100' C1A cement plug across elevation.
11. TOO H to 400' set a 200' C1A cement plug 400' to 200'. (10" casing seat).
12. Free point 10" casing. Cut casing @ free point. TOO H 10" casing.
13. Set a C1A cement plug 50' in casing cut to surface. Perforate all saltwater, freshwater, coal, oil and gas shows below cut. Do not omit any plugs.
14. **Note, If unable to cut and pull 10" casing. TIH wireline and perforate 10" casing with 4 holes each @ 200, 150 100', 75', and 50'. TIH to 200' , set a 200' C1A cement plug 200' to surface**
15. Erect monument with API#, date plugged, company name.
16. Reclaim location and road to WV-DEP specifications.



Site Pictures
W. H. Hall #4880
WV 604880 47-085-03998



WV 604880 Well ID Sign



WV 604880 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

47-085-03998P



Select County: **(085) Ritchie** Select datatypes: (Check All)

Enter Permit #: **003998**

Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

- [Table Descriptions](#)
- [County Code Translations](#)
- [Permit Numbering Series](#)
- [Lease Notes](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- ["Pipeline Plus" New](#)

WV Geological & Economic Survey.

Well: County = 85 Permit = 003998

Report Time: Monday, March 04, 2019 11:02:28 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX	DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4708503998	Ritchie	3998	unknown	unknown	unknown					

There is no Bottom Hole Location data for this well.

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4708503998	5/16/1924		Original Loc.	Completed	W H Hall		4380			Equitable Gas Co.			
4708503998	5/23/1929		Worked Over	unknown						unknown			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DAYUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FYQ	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL_BEF	NGL_AFT	P_BEF	TL_BEF	P_AFT	TL_AFT	BH_P_BEF	BH
4708503998	5/16/1924	4/17/1924			Unnamed	Big Injun (undiff)		undclassified	undclassified	Gas	Cable Tool	Nat/Open H	1990		1990		1641	0	0	0	0			315	13	0	0	0
4708503998	5/23/1929	5/16/1929			Unnamed	Unif PRICE blw INJN		undclassified	undclassified	Gas	Cable Tool	Nat/Open H	2051		71		0	0	0	0			0	0	0	0	0	

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4708503998	5/16/1924	Pay	Gas	Vertical	1955	Big Injun (undiff)	1357	Big Injun (undiff)	0	0	0	0	
4708503998	5/23/1929	Pay	Gas	Vertical	2016	Big Injun (undiff)	2020	Big Injun (undiff)	0	0	0	0	

Production Gas Information: (Volumes in Mcf) * 2018 data are incomplete at this time

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708503998	Equitable Gas Co.	1981	1,224	66	0	99	45	50	38	198	198	96	198	38	198
4708503998	Equitable Gas Co.	1982	747	99	179	0	60	198	13	0	0	0	0	0	198
4708503998	Equitable Gas Co.	1983	97	50	45	2	0	0	0	0	0	0	0	0	0
4708503998	Equitable Gas Co.	1984	1,430	198	62	83	95	0	195	0	396	0	390	0	0
4708503998	Equitable Gas Co.	1985	2,065	0	126	0	377	0	195	0	198	0	390	0	780
4708503998	Equitable Gas Co.	1986	1,173	0	377	0	345	0	189	0	132	0	0	0	130
4708503998	Equitrans, L.P.	1988	1,678	0	128	0	377	0	390	0	198	0	390	0	195
4708503998	Equitrans, L.P.	1989	959	0	94	0	189	0	195	0	198	0	195	0	98
4708503998	Equitrans, L.P.	1990	1,098	0	189	0	94	0	98	0	132	0	195	0	390
4708503998	Equitrans, L.P.	1991	98	0	0	0	0	0	0	0	0	0	96	0	0
4708503998	Equitrans, L.P.	1992	5,728	0	0	0	3,772	0	390	0	396	0	390	0	780
4708503998	Equitrans, L.P.	1993	949	0	130	0	0	0	96	0	294	64	99	66	198
4708503998	Equitrans, L.P.	1994	1,479	99	179	198	64	99	192	198	66	192	0	65	127
4708503998	Equitrans, L.P.	1995	2,694	198	179	66	64	198	192	304	1,259	38	66	64	66
4708503998	Equitrans, L.P.	1996	1,783	0	0	198	0	177	192	728	205	96	99	36	50
4708503998	Equitrans, L.P.	1997	1,380	101	91	91	115	89	74	159	129	136	145	93	149
4708503998	Equitrans, L.P.	1998	1,234	198	90	100	96	99	96	99	99	96	99	96	66
4708503998	Equitrans, L.P.	1999	454	66	66	0	0	0	0	0	50	48	50	48	66
4708503998	Equitrans, L.P.	2000	892	68	37	40	64	66	192	199	50	48	66	64	0
4708503998	Equitable Production Company	2001	348	32	32	32	31	32	31	32	31	32	31	31	0
4708503998	Equitable Production Company	2002	972	82	82	82	79	82	79	82	82	79	82	79	82
4708503998	Equitable Production Company	2003	966	82	74	82	79	82	79	82	82	80	82	80	82
4708503998	Equitable Production Company	2004	1,416	82	77	82	79	82	79	82	82	79	82	300	310
4708503998	Equitable Production Company	2005	3,650	310	280	310	300	310	300	310	310	300	310	300	310
4708503998	Equitable Production Company	2006	3,650	310	280	310	300	310	300	310	310	300	310	300	310
4708503998	Equitable Production Company	2007	3,650	310	280	310	300	310	300	310	310	300	310	300	310
4708503998	EQT Production Company	2008	230	230	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2017	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2018 data are incomplete at this time

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708503998	Equitable Gas Co.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Gas Co.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Gas Co.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Gas Co.	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Gas Co.	1985	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Gas Co.	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitrans, L.P.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0

47-085-03998 P

4708503998	Equitrans, L.P.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Production Company	2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Production Company	2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Production Company	2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Production Company	2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Production Company	2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Production Company	2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	Equitable Production Company	2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2016	0																
4708503998	EQT Production Company	2017	0																

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2018 data are incomplete at this time

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708503998	EQT Production Company	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4708503998	EQT Production Company	2016	0												

Production Water Information: (Volumes in Gallons) * 2018 data are incomplete at this time

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708503998	EQT Production Company	2015	0												

There is no Stratigraphy data for this well

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

47-085-03998P

03/08/2019

WW-4A
Revised 6-07

1) Date: December 11, 2018
2) Operator's Well Number
604880 W. H. Hall #4880
3) API Well No.: 47 - 085 - 03998

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 _____
Address _____	Address _____
6) Inspector <u>Michael Goff</u>	(c) Coal Lessee with Declaration
Address <u>1723 Pullman Road</u>	Name _____
<u>Auburn WV 26421</u>	Address _____
Telephone <u>304-549-9823</u>	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 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.



Well Operator EQT Production Company
 By: Erin Spine *[Signature]*
 Its: Regional Land Supervisor
 Address 2400 Ansys Drive, Suite 200
Canonsburg PA 15317
 Telephone (304) 848-0035

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Office of Oil and Gas
DEC 26 2018

WV Department of Environmental Protection

Subscribed and sworn before me this 18 day of December 2018
Rebecca L. Wanstreet Notary Public
My Commission Expires 4-7-2020

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.

Owner(s) (Surface and Access)

Brian and Rochelle Taschler
795 Towamensing Road
Lehighton, PA 18235

KIEDAISCH & SUMMERS ENTER-PRISES
P.O. Box 254
Harrisville, WV 26362

Coal Owner(s)

JP Morgan Chase under John W. Kerns Heirs Trust
P.O. Box 659
Wichita Falls, TX 76307-0659

Ira Haught, Trustee for the Haught Family Trust
210 East Main St.
Harrisville, WV 26362-1204

Carla R. Foster
26989 Border Way Northeast
Kingston, WA 98346-9477

Richard L. Hall
P.O. Box 112
Kenna, WV 25248-0112

Byron G. Hall
4005 Sayre Ave. # 8
Parkersburg, WV 26104-1050

Kayron B. Hall
12052 Sheffield Rpad
Jacksonville, FL 32226-2282

Piney Holdings Inc.
P.O. Box 5026
Fairmont, WV 26555-5026

Potential Water Owner(s):

Brian and Rochelle Taschler
795 Towamensing Road
Lehighton, PA 18235

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WW-9
(5/16)

API Number 47 - 085 - 03998
Operator's Well No. 604880 W.H. Hall #4880

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) Bear Creek Quadrangle Auburn

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 _____)

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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 Regional Land Supervisor

Subscribed and sworn before me this 18 day of December, 20 18

[Signature] Notary Public

My commission expires 4-7-2020



47-085-03998P

03/08/2019

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

DEC 26 2018

WV Department of
Environmental Protection

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

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Office of Oil and Gas

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WV Department of
Environmental Protection

Seed Mixtures

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

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

47-085-03998P

03/08/2019

Topo Quad: Auburn 7.5'

Scale: 1" = 500'

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Office of Oil and Gas

County: Ritchie

Date: November 08, 2018

DEC 26 2018

District: Union

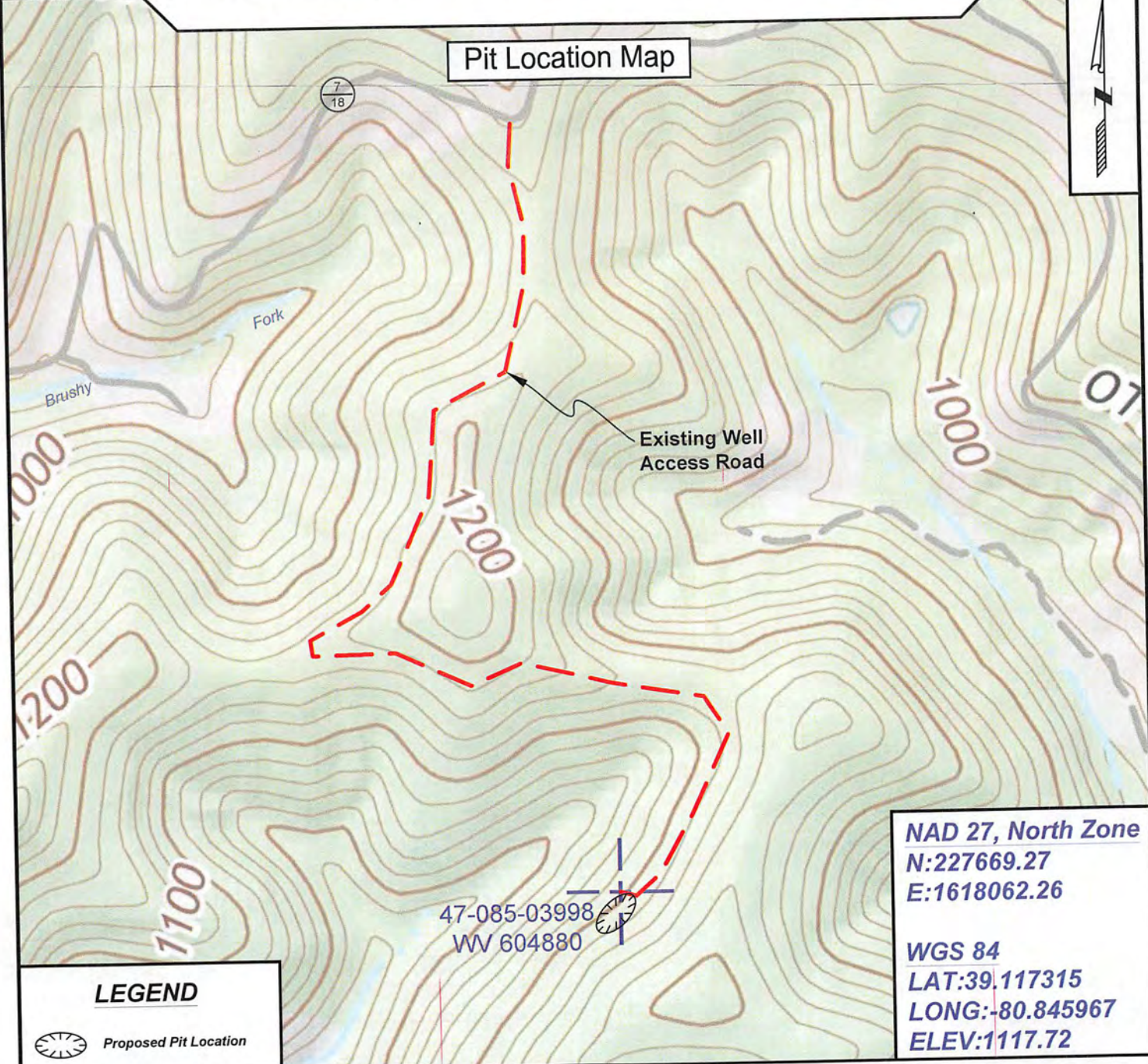
Project No: 68-38-00-08

WV Department of
Environmental Protection

47-085-03998 WV 604880 (W. H. Hall #4880)

Topo

Pit Location Map




47-085-03998
WV 604880

NAD 27, North Zone
N:227669.27
E:1618062.26

WGS 84
LAT:39.117315
LONG:-80.845967
ELEV:1117.72

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

2400 Ansys Drive, Suite 200
Cannonsburg, PA 15317

47-085-03998P

03/08/2019

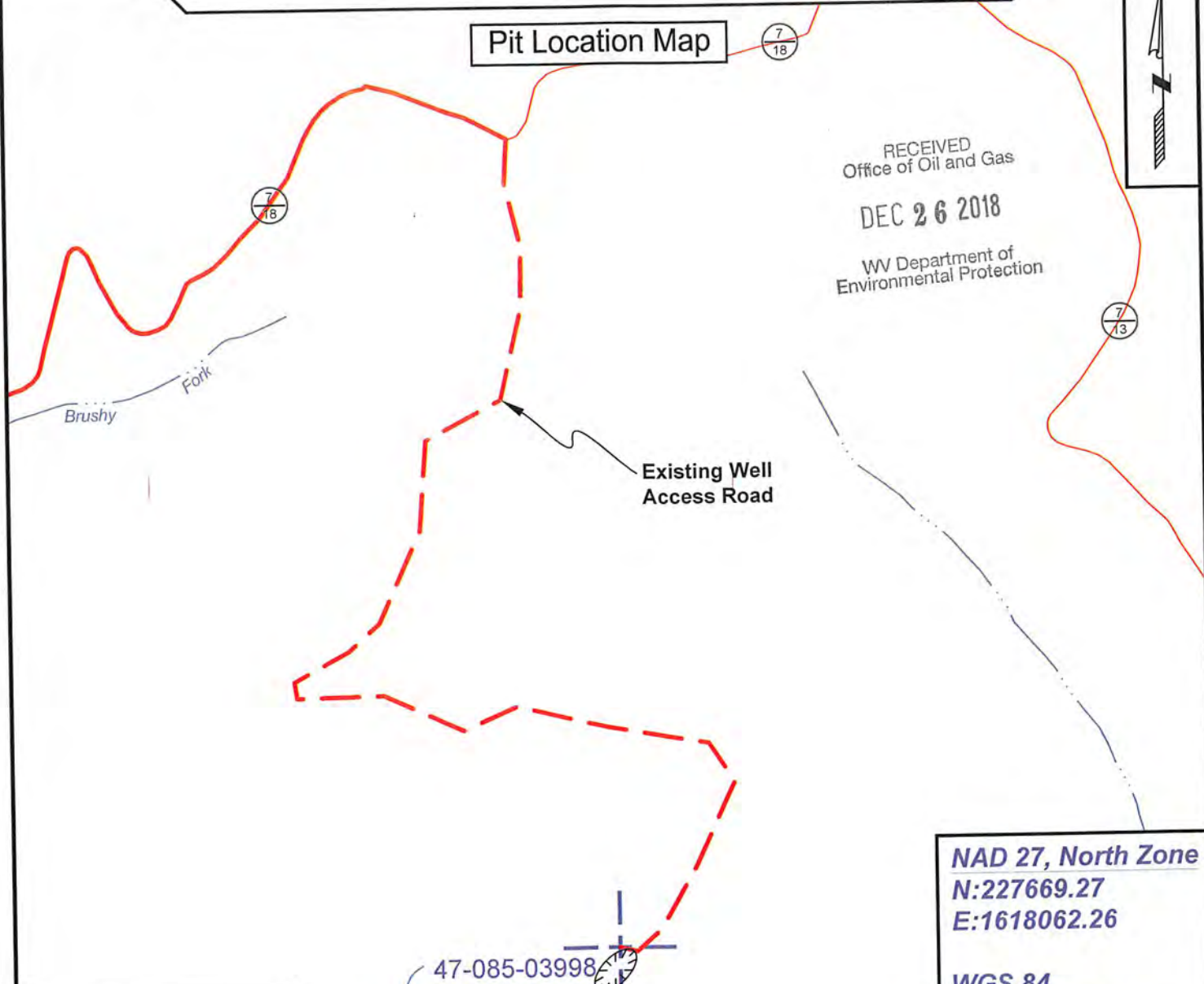
Topo Quad: Auburn 7.5' Scale: 1" = 500'

County: Ritchie Date: November 08, 2018

District: Union Project No: 68-38-00-08

Highway **47-085-03998 WV 604880 (W. H. Hall #4880)**

Pit Location Map



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Office of Oil and Gas
DEC 26 2018
WV Department of
Environmental Protection

NAD 27, North Zone
N:227669.27
E:1618062.26

WGS 84
LAT:39.117315
LONG:-80.845967
ELEV:1117.72

47-085-03998
WV 604880

LEGEND

Proposed Pit Location

	<p>SURVEYING AND MAPPING SERVICES PERFORMED BY:</p> <p>ALLEGHENY SURVEYS, INC.</p> <p>1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608</p>	<p>PREPARED FOR:</p> <p>EQT Production Company</p> <p>2400 Ansys Drive, Suite 200 Cannonsburg, PA 15317</p>
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47-085-03998P

03/08/2019
RECEIVED
Office of Oil and Gas

Topo Quad: Auburn 7.5'

Scale: 1" = 2000'

County: Ritchie

Date: November 08, 2018

DEC 26 2018

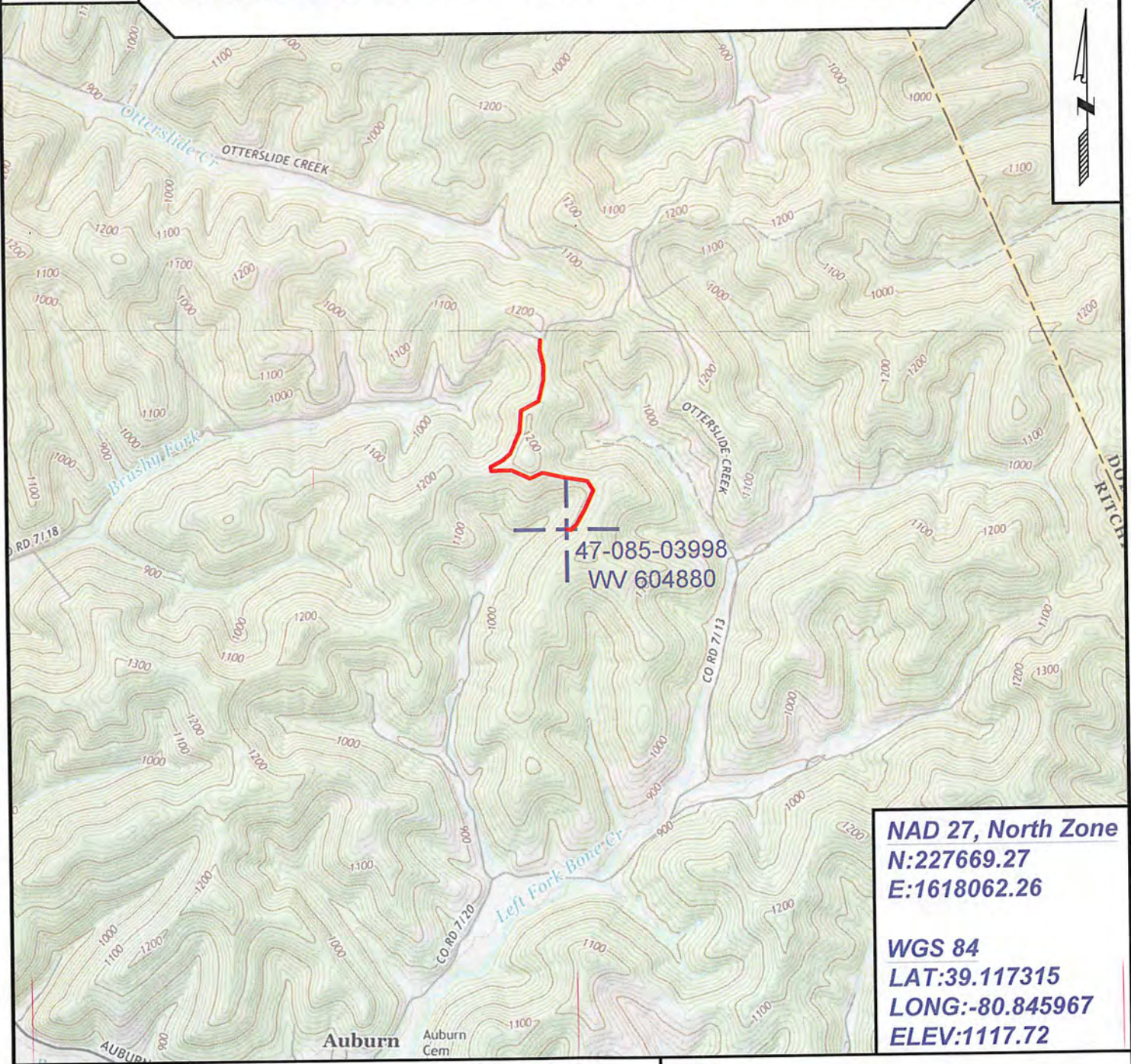
District: Union

Project No: 68-38-00-08

WV Department of
Environmental Protection

47-085-03998 WV 604880 (W. H. Hall #4880)

Topo



NAD 27, North Zone
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E:1618062.26

WGS 84
LAT:39.117315
LONG:-80.845967
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