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west virginia department of environmental protection

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

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, May 29, 2018

WELL WORK PLUGGING PERMIT  
Vertical Plugging

EQT PRODUCTION COMPANY  
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for 7014  
47-007-01264-00-00

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: 7014  
Farm Name: BOURNE  
U.S. WELL NUMBER: 47-007-01264-00-00  
Vertical Plugging  
Date Issued: 5/29/2018

## 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.

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### CONDITIONS

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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.

1) Date May 10, 2018  
2) Operator's  
Well No. 607014 H.M. Bourne 7014  
3) API Well No. 47-007 - 01264

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 1885 773' Watershed Right Fork of Steer Creek  
District Birch County Braxton Quadrangle Rosedale 7.5'

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 Danny Mullins  
Address 220 Jack Acres Road  
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.**

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MAY 18 2018  
WV Department of  
Environmental Protection

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 5-14-18

## PLUGGING PROGNOSIS

Bourne # 7014 (607014)  
 Braxton Co. WV  
 District, Birch  
 API # 47-007- 01264

BY: Craig Duckworth  
 DATE: 1/26/18

**CURRENT STATUS:**

No completion report estimated from 007-00165 & 007-00354

10" csg @ 47'  
 7" csg @ 711' est.  
 5 3/16" csg @ 1662' est.  
 3" csg @ 1844' est.

Elevation @ 760' est.

**TD: 1885' est.**

Fresh Water @ None Reported      Coal @ None Reported  
 Saltwater @ None Reported  
 Gas shows @ None Reported  
 Oil @ None Reported  
 Perforated @ None Reported

1. Notify State Inspector, **Danny Mullins 304-546-8171**, 48 hrs. Prior to commencing operations.
2. Check TD w/wireline
3. TIH w/tbg to TD, set 200' C1A cement plug. (1885' - 1685')
4. TOOH w/tbg to 1685' gel hole 1685' to 1350'.
5. TOOH w/tbg, Free point 3' 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 1350' set 100' C1A cement plug from 1350' to 1250', (5 3/16" csg cut).
8. TOOH w/tbg to 1250' gel hole 1250' to 800'.
9. TOOH w/tbg to 800', set 200' C1A cement plug 800' to 600'. (elevation 760' & 7" csg set @ 711')
10. 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.
11. TOOH w/tbg to 600' gel hole from 600' to 200'

*DM*

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 MAY 18 2018  
 WV Department of  
 Environmental Protection

06/01/2018

12. TOOH w/tbg to 200', set 200' C1A cement plug, 200' to 0 ( 10" @ 47')
13. Erect monument with API#, Date plugged, EQT
14. Reclaim location and road to WV-DEP specifications.

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"Pipeline"

Select County:  Select datatypes:  (Check All)

Enter Permit #:

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

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

WV Geological & Economic Survey:

Well: County = 7 Permit = 01264

Report Time: Tuesday, May 29, 2018 8:35:22 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4700701264	Braxton	1264	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
4700701264	9/22/1914		Original Loc	Completed	H M Bourne		7014			Equitable Gas Co			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT
4700701264	9/22/1914	8/31/1914		Unnamed	Pennsylvanian System	Lo Frprt Ss/Frprt Ss	unclassified	unclassified	Gas	Cable Tool	Nat/Open H	1367		1367		2071			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
4700701264	9/22/1914	Pay	Gas	Vertical	1360	Lo Frprt Ss/Frprt Ss	1380	Lo Frprt Ss/Frprt Ss	2071				0

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4700701264	Equitable Gas Co.	1981	1,985	152	137	304	294	142	49	152	304	0	152	147	152
4700701264	Equitable Gas Co.	1982	875	152	69	152	274	152	0	0	0	0	0	0	76
4700701264	Equitable Gas Co.	1983	76	76	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Gas Co.	1984	3,276	152	142	426	147	0	299	0	1,214	0	597	0	299
4700701264	Equitable Gas Co.	1985	3,854	0	578	0	578	0	299	0	607	0	896	0	896
4700701264	Equitable Gas Co.	1986	3,848	0	1,555	0	289	0	597	0	911	0	299	0	597
4700701264	Equitrans, L. P.	1988	3,115	0	597	0	578	0	597	0	607	0	149	0	597
4700701264	Equitrans, L. P.	1989	3,554	0	578	0	578	0	597	0	607	0	597	0	597
4700701264	Equitrans, L. P.	1990	3,554	0	578	0	578	0	597	0	607	0	597	0	597
4700701264	Equitrans, L. P.	1991	3,645	0	578	0	857	0	896	0	607	0	597	0	100
4700701264	Equitrans, L. P.	1992	3,266	0	588	0	578	0	597	0	607	0	597	0	299
4700701264	Equitrans, L. P.	1993	3,263	0	578	0	578	0	597	0	304	304	304	304	294
4700701264	Equitrans, L. P.	1994	3,265	304	274	304	411	304	147	304	304	294	42	122	455
4700701264	Equitrans, L. P.	1995	4,102	656	445	328	318	328	318	328	328	79	328	318	328
4700701264	Equitrans, L. P.	1996	3,298	328	307	164	159	164	318	328	328	238	328	318	318
4700701264	Equitrans, L. P.	1997	3,624	328	296	328	318	328	79	328	328	318	328	317	328
4700701264	Equitrans, L. P.	1998	3,542	328	296	328	318	329	159	164	328	318	328	318	328
4700701264	Equitrans, L. P.	1999	4,181	328	296	328	635	656	318	328	328	318	328	318	0
4700701264	Equitrans, L. P.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2004	84	0	0	0	0	0	0	0	0	0	0	41	43
4700701264	Equitable Production Company	2005	504	43	39	43	41	43	41	43	43	41	43	41	43
4700701264	Equitable Production Company	2006	861	43	39	43	41	43	41	43	43	41	43	41	400
4700701264	Equitable Production Company	2007	4,983	400	361	400	387	400	387	400	400	387	400	522	539
4700701264	EQT Production Company	2008	3,461	539	504	539	522	539	450	62	62	60	62	60	62
4700701264	EQT Production Company	2009	2,485	62	56	62	60	62	60	62	434	420	434	380	393
4700701264	EQT Production Company	2010	4,267	393	355	393	380	393	380	0	796	390	120	326	341
4700701264	EQT Production Company	2011	3,751	364	295	293	298	305	311	311	318	284	329	323	320
4700701264	EQT Production Company	2012	3,623	292	273	309	291	320	317	312	337	329	343	368	332
4700701264	EQT Production Company	2013	3,570	292	293	311	291	291	292	323	328	323	331	319	176
4700701264	EQT Production Company	2014	1,484	194	173	218	218	236	209	203	33	0	0	0	0
4700701264	EQT Production Company	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2016	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

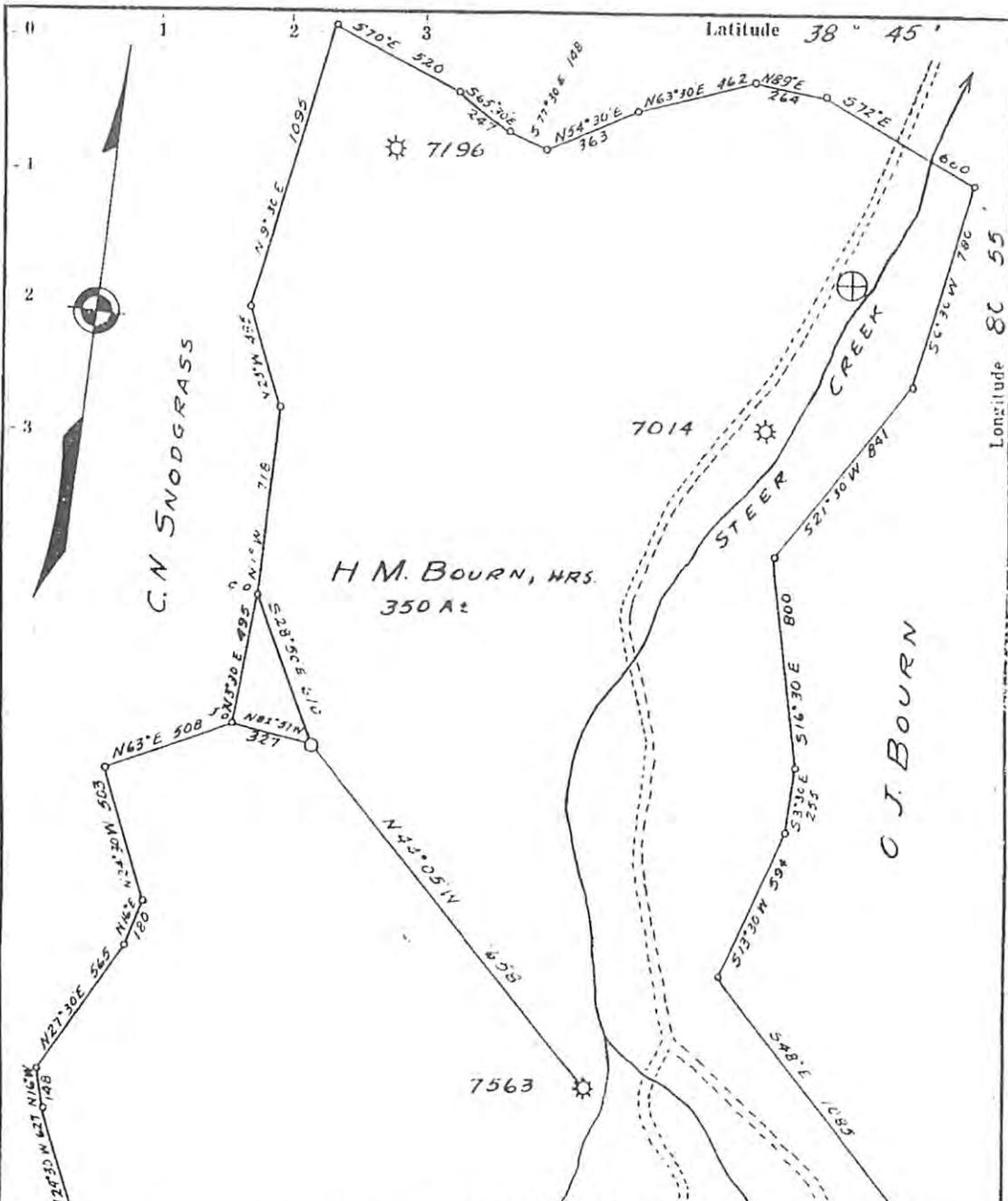
API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4700701264	Equitable Gas Co.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Gas Co.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Gas Co.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Gas Co.	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Gas Co.	1985	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Gas Co.	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitrans, L. P.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	Equitable Production Company	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2016	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) \*\* some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4700701264	EQT Production Company	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4700701264	EQT Production Company	2016	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4700701264	EQT Production Company	2016	0												



Fracture... |  
 Redrill... |  
 New Location...   
 Drill Deeper... |  
 Abandonment...  - 7-8-74

Source of Elevation EQUITABLE GAS COMPANY WELL No 7563  
 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.  
 Minimum accuracy, one part in 200

Company Big D Industrial Equipment, Inc.  
 414 Baron Trust Building  
 Address Parkersburg, W. Va. 26101  
 Farm H. M. BOURN, HRS  
 Tract Acres 350 Lease No. 12048  
 Well (Farm) No. B 5 Serial No. B1  
 Elevation (Spirit Level) 1306 VA  
 Quadrangle GASSAWAY NW 2<sup>3</sup>  
 County BRAXTON District BIRCH  
 Engineer James S. Till  
 Engineer's Registration No. 2886  
 File No. AGT 6174 Drawing No.  
 Date JUNE 4, 1967 Scale 1" = 500'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP

FILE NO. ~~BRAX-698-P~~  
 BRAXTON-1264 WELL #7014

⊕ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

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 Office of Oil and Gas  
 MAY 18 2018  
 WV Department of  
 Environmental Protection

JM

WW-4A  
Revised 6-07

1) Date: May 10 2018  
2) Operator's Well Number  
607014 H.M. Bourne 7014  
3) API Well No.: 47 - 007 - 01264

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

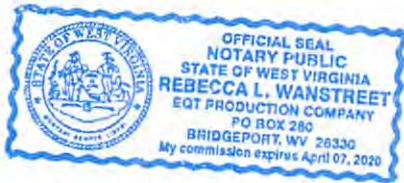
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>See Attached</u>	Name _____
Address _____	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
(c) Name _____	Address _____
Address _____	Name _____
6) Inspector <u>Danny Mullins</u>	(c) Coal Lessee with Declaration
Address <u>220 Jack Acres Road</u>	Name _____
<u>Buckhannon WV 26201</u>	Address _____
Telephone <u>(304) 546-8171</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.



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

Subscribed and sworn before me this 10 day of May 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 [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

47-007-01264

607014 H.M. Bourne #7014

**Owner(s) (Surface and Access)**

- ✓ Rachel Lee Bourne C/O Trust America Corp  
5301 Wisconsin Ave NW Suite 45  
Washington, DC 20015
- ✓ Mike Ross Inc. & Waco Oil & Gas  
P.O. Box 219  
Coalton, WV 26257
- ✓ Jewell Leslie Wand  
2104 Ingleside Ave.  
Richmond, VA 23228

**Coal Owner(s):**

- ✓ Rachel Lee Bourne C/O Trust America Corp.  
5301 Wisconsin Ave. NW Suite 45  
Washington, DC 20015
- ✓ Jewel Leslie Wand  
2104 Ingleside Ave.  
Richmond, VA 23228
- ✓ Mike Ross Inc. & Waco Oil & Gas  
P.O. Box 219  
Coalton, WV 26257
- ✓ Edwina V Davis et al.  
4848 Upper Obrien Rd.  
Frametown, WV 26623

**Potential Water Owner(s):**

N/A

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 \_\_\_\_\_

Watershed (HUC 10) Right Fork of Steer Creek Quadrangle Gassaway

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 Regional Land Supervisor

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Office of Oil and Gas  
MAY 18 2018  
WV Department of  
Environmental Protection

Subscribed and sworn before me this 10 day of May, 2018

Rebecca L. Wanstreet Notary Public

My commission expires 4-7-2020



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

DM

**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: \_\_\_\_\_

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Office of Oil and Gas  
MAY 18 2018  
WV Department of  
Environmental Protection

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Field Reviewed? ( ) Yes ( ) No

47 007 01264

Topo Quad: Rosedale 7.5' Scale: 1" = 200'

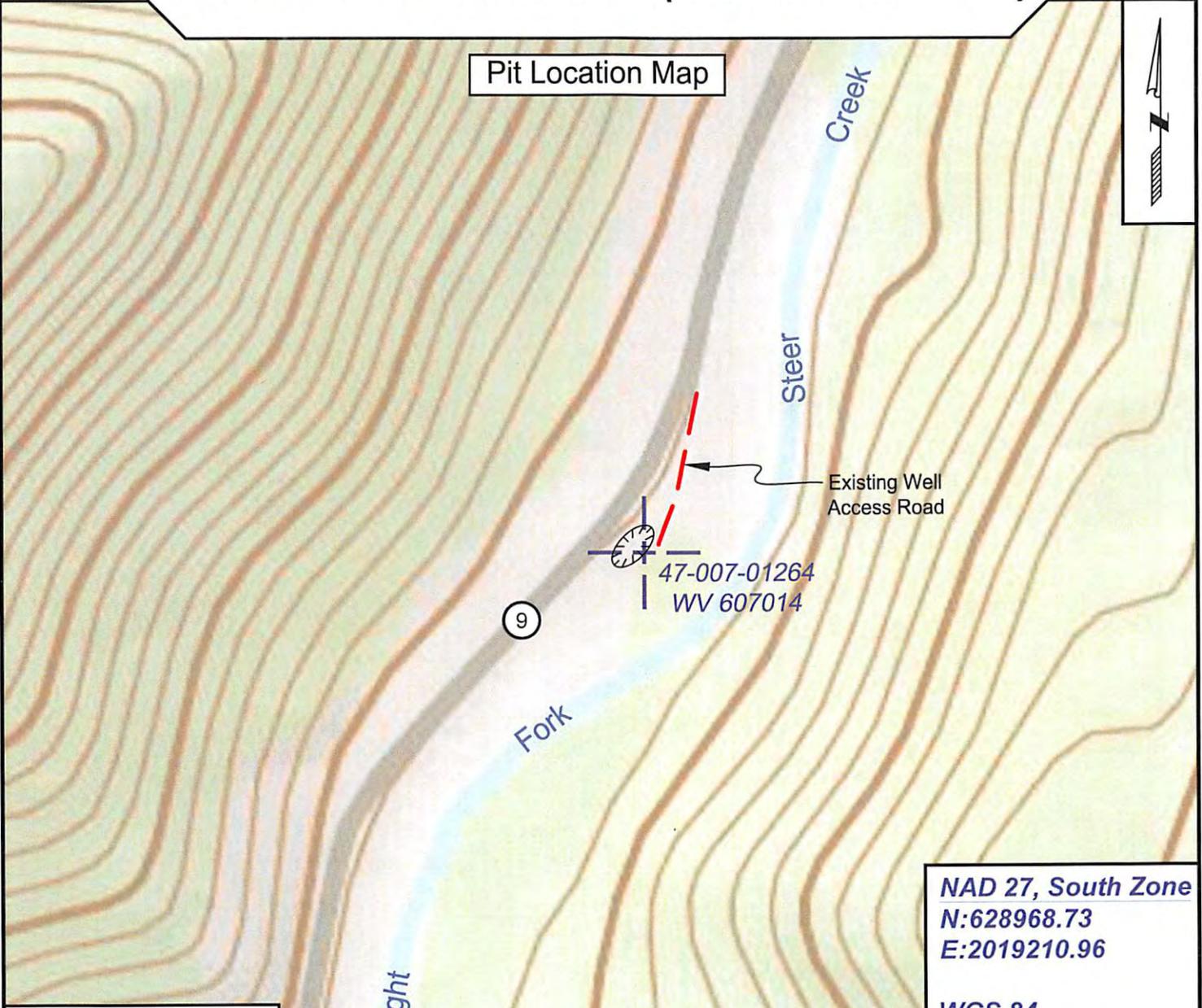
County: Braxton Date: April 18, 2018

District: Birch Project No: 40-02-00-07

# 47-007-01264 WV 607014 (H. M. Bourn #7014)

Topo

## Pit Location Map



Creek

Steer

Existing Well Access Road

47-007-01264  
WV 607014

9

Fork

Right

**NAD 27, South Zone**  
**N:628968.73**  
**E:2019210.96**

**WGS 84**  
**LAT:38.727362**  
**LONG:-80.932491**  
**ELEV:772.97'**

### 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  
 Canonsburg, PA 15317

06/01/2018



<b>EQT Production Water plan</b> <b>Offsite disposals</b>
--

**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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MAY 18 2018  
WV Department of  
Environmental Protection

47 007 01264P

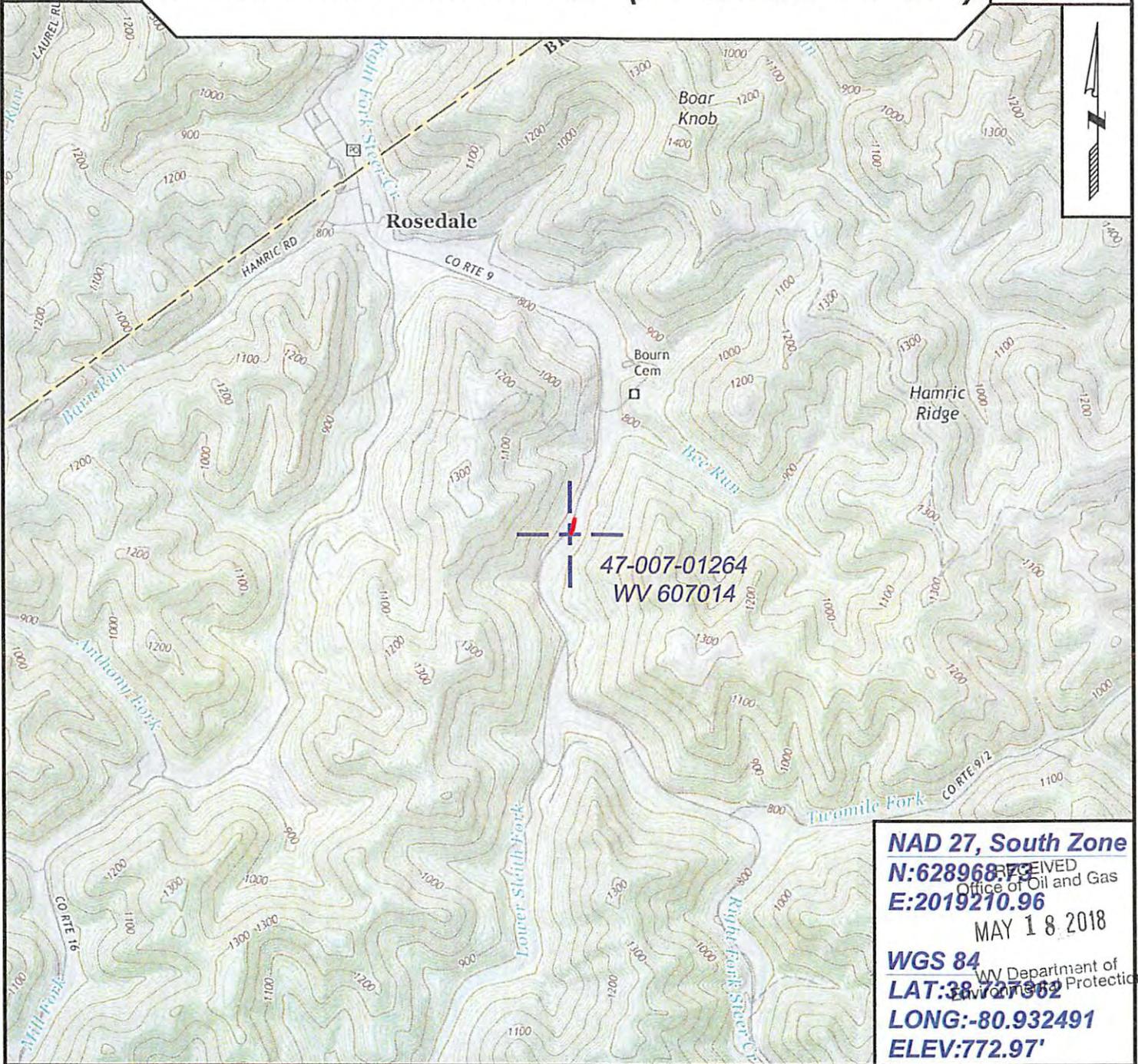
Topo Quad: Rosedale 7.5'      Scale: 1" = 2000'

County: Braxton      Date: April 18, 2018

District: Birch      Project No: 40-02-00-07

# 47-007-01264 WV 607014 (H. M. Bourn #7014)

Topo



**NAD 27, South Zone**

**N:628968.73**

**E:2019210.96**

MAY 18 2018

**WGS 84**

**LAT:38.727362**

**LONG:-80.932491**

**ELEV:772.97'**



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**ALLEGHENY SURVEYS, INC.**

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PREPARED FOR:

**EQT Production Company**

2400 Ansys Drive  
 Canonsburg, PA 15317

06/01/2018

WW-7  
8-30-06



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

API: 47-007-01264 WELL NO.: WV 607014 (H.M. Bourn #7014)

FARM NAME: H. M. Bourn

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Braxton DISTRICT: Birch

QUADRANGLE: Rosedale 7.5'

SURFACE OWNER: Rachel Lee Bourn, et al.

ROYALTY OWNER: Rachel M. Bourn, et al.

UTM GPS NORTHING: 4286524

UTM GPS EASTING: 505868 GPS ELEVATION: 235 m (773ft)

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

4/18/18  
Date



## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY

LEASE NAME AND WELL No. H. M. Bourn – WV 607014 - API No. 47-007-01264

### POTENTIAL SAMPLE LOCATIONS

There appears to be no potential water sources within the required 1000 feet of the existing well WV 607014.

**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: Rosedale 7.5' Scale: 1" = 2000'  
 County: Braxton Date: April 18, 2018  
 District: Birch Project No: 40-02-00-07

Water

# 47-007-01264 WV 607014 (H. M. Bourn #7014)

No Potential Water Sources within 1000'



**NAD 27, South Zone**  
**N:628968.73**  
**E:2019210.96**

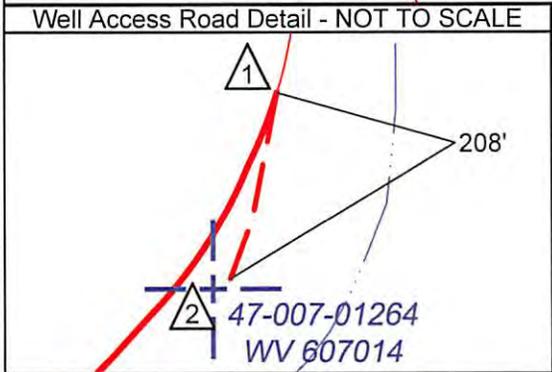
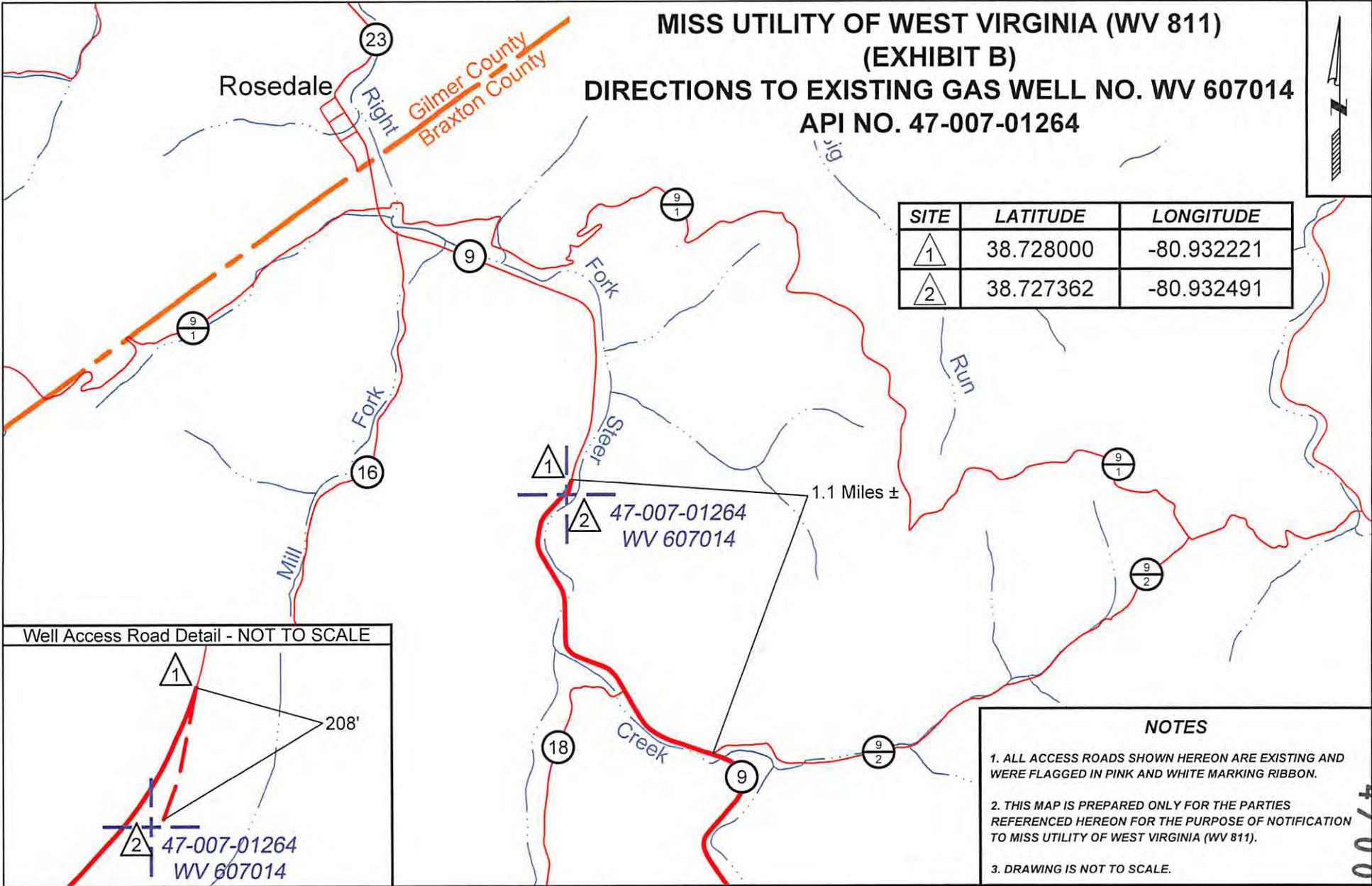
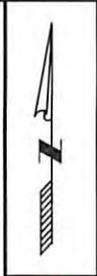
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PREPARED FOR:  
**EQT Production Company**  
 2400 Ansys Drive  
 Canonsburg, PA 15317

**MISS UTILITY OF WEST VIRGINIA (WV 811)  
(EXHIBIT B)  
DIRECTIONS TO EXISTING GAS WELL NO. WV 607014  
API NO. 47-007-01264**



- NOTES**
1. ALL ACCESS ROADS SHOWN HEREON ARE EXISTING AND WERE FLAGGED IN PINK AND WHITE MARKING RIBBON.
  2. THIS MAP IS PREPARED ONLY FOR THE PARTIES REFERENCED HEREON FOR THE PURPOSE OF NOTIFICATION TO MISS UTILITY OF WEST VIRGINIA (WV 811).
  3. DRAWING IS NOT TO SCALE.



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
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1-800-482-8606  
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Birch River, WV 26610  
PH: (304) 649-8606  
FAX: (304) 649-8608

County:	Braxton
District:	Birch
Date:	April 18, 2018
Project No:	40-02-00-07
File Name:	WV 607014-BOURN

PREPARED FOR:  
**EQT Production Company**  
2400 Ansys Drive  
Canonsburg, PA 15317

4700701264P



**Miss Utility of West Virginia (WV811)**

**(Exhibit A)**

**Directions to Gas Well No. WV 607014**

**API No. 47-007-01264**

- Beginning at the intersection of US Interstate 79 and WV State Route 4 Exit 51 (Frametown) in Braxton County, West Virginia.
- Proceed North on WV State Route 4 (Elk River Road) toward Frametown, for approximately 1.9 miles, arriving at the junction of WV County Route 4 (Elk River Road) and WV County Route 9 (Wilsie Road).
- Turn left onto WV County Route 9 (Wilsie Road) and proceed North, for approximately 10.1 miles, arriving at the Well Access Road on the right. *(Point No. 1)*
- Turn right onto the Well Access Road and proceed South, for approximately 208 feet, arriving at WV 607014. *(Point No. 2)*

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