

## west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

February 22, 2016

## WELL WORK PLUGGING PERMIT

## Plugging

This permit, API Well Number: 47-8100750, issued to EQT PRODUCTION COMPANY, 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 all 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

Operator's Well No: 131351 ROWLAND 13

Farm Name: ROWLAND LAND CO.

**API Well Number: 47-8100750** 

Permit Type: Plugging
Date Issued: 02/22/2016

## 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.

Form WW-4 (B) Permit Copy (Rev 2/01)		Date: Operator's Well Well No. API Well No.:	131351 Rowla	ary 1, 2016 nd B 13 - 00750		
	STATE OF WEST VIRO SION OF ENVIRONMENTA OFFICE OF OIL AND O	L PROTECTION			100°CK	20224
4) Well Type: Oil Gas			IDON aste Disposal:			
If Gas, Production X  5) Elevation: 1409	Or Underground storage Watershed: Marsh Fork	Deep		Shallow	Х	
Location: Marsh Fork District:	County: Raleig		rangle:	Pilot Knob		
6) Well Operator Address: EQT Production 120 Professiona Bridgeport, WV	il Place Ad		Rex C. Ra rofessional Place eport, WV 26330	e		
8) Oil & Gas Gary Kennedy	9) Plu	ugging Contractor				
Name: P.O. Box 268 Address: Nimitz WV 25978	Ad	dress: PO BOX				
	for the manner of plugging this	well is as follows:			No. of Contrast of	
See Attachment for details a	na 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

Work order approved by inspector

### PLUGGING PROGNOSIS

## Rowland Land Co."B" #13 (131351)

Raleigh County, West Virginia API # 47-081-00750

District: Marsh Fork

BY: Craig Duckworth

DATE: 3/5/13

## CURRENT STATUS:

9 5/8" csg

@ 896' (365sks) cts

7" csg

@ 2379' (175sks)cts

4 1/2" csg

@ 5890' (260sks)

TD @ 5900'

Fresh Water @ 50'

Salt Water @ 500'

Salt Sand @ 1508'

Coal @ none reported

Gas shows @ none reported

Oil Shows @ none reported

Elevation @ 1414'

Stimulation: Devonian Shale ( Perfs 5862'-5226',5070'-4462', 4415'-4175',3457'-3453') Lower Weir ( Perfs 2982'-2957')

- Notify State Inspector, Gary Kennedy 304-382-8402, and 24 hrs prior to commencing operations.
- TIH w/ tbg @ 5890'; Set 714' C1A Cement Plug @ 5890' to 5176' (Devonian Shale Perfs @ 5862'-5226')
- 3. TOOH w/ tbg @ 5226'; Gel hole @ 5226' to 5120'
- TOOH w/ tbg @ 5120'; Set 995' C1A Cement Plug @ 5120' to 4125'( Devonian Shale Perfs @ 5070'-4462', 4415'-4175')
- 5. TOOH w/ tbg @ 4125'; Gel hole @ 4125' to 3507'
- TOOH w/ tbg @ 3507'; Set 107' C1A Cement Plug @ 3507' to 3400'( Devonian Shale Perfs @ 6. 3457'-3453')
- TOOH w/ tbg @ 3400'; gel hole @ 3400' to 3032'
- TOOH w/ tbg @ 3032'; Set 100' C1A Cement Plug @ 3032' to 2907' (Lower Weir Perfs @ 2982'-2957')
- TOOH w/ tbg @ 2907'; gel hole @ 2907' to 2429'
- TOOH w/tbg Freepoint 4 1/2".Cut/shoot 4 1/2"at freepoint ( freepoint appro.2379')
- Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil & Gas Shows below 4 1/2" cut. Do not omit any plugs.
- TIH w/ tbg @ 2429'; Set 100' C1A Cement Plug @ 2429' to 2329' (4 1/2"cut & 7"@ 2379')
- 13. TOOH w/ tbg @ 2329'; gel hole @ 2329' to 1508'
- 14. TOOH w/ tbg @ 1508'; Set 100' C1A Cement Plug @ 1508' to 1408'(Salt Sand @ 1508')
- 15. TOOH w/ tbg @ 1408'; gel hole @ 1408' to 946'
- 16. TOOH w/ tbg @ 946'; Set 100' C1A Cement Plug @ 946' to 846' (9 5/8" @ 896')
- Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil & Gas Shows below 9 5/8". 4 SHOOLD NOT BE NEEDED 17. Do not omit any plugs. NO CASING CUT.
  - TOOH w/ tbg @ 846'; gel hole @ 846' to 550'
  - SET 100' CIA CEMENT PLUG FROM 550' TO 450' (SHET WINDE)

GEL FROM 450' to 200'.

23. RECLAIM

CEMENT PLUG FROM 200' TO SURFACE WHIK 21.

SET MONUMENT TO WU - DEA SPECIFICATIONS

02/26/2016

131351 Rowland Land API# 47-081-00750 1/26/16 Co. #B-13 Cement 200' to surface. Freshwater @ 50' Gel 450' to 200' Saltwater@ 500' Cement 550' to 450' Gel 846' to 550' 9 5/8" csg @ 896' (CTS) Cement 946 to 846' Elevation @ 1414' Gel 1408' to 946' Salt Sand @ 1508' Cement 1508' to 1408' Gel 2329' to 1508' 7" csg @ 2379' (CTS) Cement 2429' to 2329' Gel 2907' to 2429' Weir perfs @ 2957' to Cement 3032' to 2907' 2982' Gel 3400' to 3032' Cement 3507' to 3400' Gel 4125' to 3507' Devonian perfs @3453' to 58621 Cement 5120' to 4125' Gel 5176' to 5120' Cement 5890' to 5176' 4 1/2" csg@ 5890' (260 sks)

TD @ 5900'



IV-35 (Rev 8-81)

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ate	April 6 1987
perator	's Rowland 13
	land Land Co
	47 - 081 - 0750

DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT

## DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

COMPANY Allegheny & Western Fnergy Corp  ADDRESS P.O. Box 2587, Charleston, W.Va., 25329  DESIGNATED AGENT Dermis L. Mann  ADDRESS P.O. Box 2587, Charleston, W.Va., 25329  SURFACE OWNER Rowland Land Co.  ADDRESS 1033 Quarrier ST, Charleston, W.Va.	Casing Tubing Size 20-16	Used in Drilling	<b>Left</b>	Cement
COMPANY Allegheny & Western Energy Corp  ADDRESS P.O.Box 2587, Charleston, W.Va. 25329  DESIGNATED AGENT. Dermis L. Marm  ADDRESS P.O.Box 2587, Charleston, W.Va., 25329  SURFACE OWNER Rowland Land Co.	Casing Tubing Size 20-16	Used in	<b>Left</b>	Cement
ADDRESS P.O.Box 2587, Charleston, W.Va., 25329 DESIGNATED AGENT Dennis L. Mann ADDRESS P.O.Box 2587, Charleston, W.Va., 25329 SURFACE OWNER Rowland Land Co	Tubing Size 20-16	1		
ADDRESS P.O.Box 2587, Charleston, W.Va., 25329 DESIGNATED AGENT Dennis L. Mann ADDRESS P.O.Box 2587, Charleston, W.Va., 25329 SURFACE OWNER Rowland Land Co	Tubing Size 20-16	1		
DESIGNATED AGENT. Dermis L. Mann  ADDRESS P.O.Box 2587, Charleston, W.Va., 25329  SURFACE OWNER Rowland Land Co	Tubing Size 20-16	1		16111 m
ADDRESS P.O.Box 2587, Charleston, W.Va., 25329 SURFACE OWNER Rowland Land Co	Size : 20-16	DITITIO		
SURFACE OWNER Rowland Land Co	20-16 i		TI NCTE	02.7
	1			
ADDRESS 1033 Qualifier 51, Grazzestotty	Cord			150 -1
	13-10"	64	64	150 sks
MINERAL RIGHTS OWNER Same	9 5/8	896	896	375 sks
ADDRESS	8 5/8 1			<del> </del>
OIL AND GAS INSPECTOR FOR THIS WORK Rodney	7	2379	2379	175 sks
Dillon ADDRESS Sophia, W.Va	5 1/2 ;			
PERMIT ISSUED 12/4/86	4 1/2	5890	5890	· 260 sks
DRILLING COMMENCED 12/21/86	3	ļ	ļ	
DRITLING COMPLETED 1/7/87	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used		<del>                                     </del>	
ON			<u> </u>	<u> </u>
GEOLOGICAL TARGET FORMATION Devonian Shale		Dep	th 5300	fee
Depth of completed well 5900 feet				
Water strata depth: Fresh 50 feet;				
Coal sezm depths: N/A	Is coal	being mir	ed in th	e area? no
	<u>.</u>	-		
OPEN FLOW DATA  Producing formation Lower Weir	Da	v zone det	oth 2957	fee
producing formation lower well	Oil. To	itial coor	flow	Bbl./
Gas: Initial open flow Mcf/d Final open flow 201 Mcf/d	011.	and con t	•. ±±0" F1 <i>cu</i>	
Final open flow 201 mcr/d		inal Open i	- 24 h	
Time of open flow between init	CIST SIT I	+\	24 ha	we chit i
Static rock pressure 800 psig(surface		ment) ard	=1	ms and
(If applicable due to multiple completion	n)			for
Second producing formation Devonian Shal	Le Pa	y zone ce	- 67	
Gas: Initial open flow Mcf/d	Oil: Ir	nriar obe	u riom	DF1 -
Final open flow 550 Mcf/d	Oil: Fi	nal open	3/ · ·	BD1/
Time of open flow between ini	tial and i	inal test	S_24 }	YOURS
Static rock pressure 800 psig(surface	e measurem	ment) afte	r4h	zurs snut i
		(Cont	irue on 1	reverse sid
and the second s	• •		02/	26/2016

FORM IV-35 (REVERSE)

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

2957-2982 perf w/ 21 holes frac w/ 45,000# 20/50 sd + 1,000 gal 15% acid + 635,000 scf n2 3453-3457 perf w/ 9 holes frac w/ 30,000# 20/50 sd + 500 gal 15% acid + 290,000 scf n2 4175-4415 perf w/ 15 holes frac w/ 45,000# 20/50 sd + 1,000 gal 15% acid + 1,015,000 scf n2 4462-5070 perf w/ 24 holes frac w/ 45,000# 20/50 sd + 1,000 gal 15% acid + 1,054,000 scf n2 5226-5862 perf w/ 19 holes frac w/ 45,000# 20/50 sd + 1,000 gal 15% acid + 1,200,000 scf n2

#### WELL LOG

						•					
FORMATION	COLOR	HARO	OR SO	T T	OP I	PET	BOI	TOM FEE	r Incl	uding salt	REMARKS indication of all fresh water, coal, oil and gas
shale & salt sam shale salt sam shale & little l slate & big lime shale upper we shale lower we shale sumbury samdy singordon grey & b	d d sand ime lime ir eir shale		le			9 1508 1632 1689 1852 2324 2384 2419 2772 2897 2990 3238 3252 3454 3468		1508 1632 1689 1852 2324 2384 2419 2772 2845 2897 2927 2990 3238 3252 3454 3468 5900		. 110 5	AUG 1 1 1987  DIVISION OF OIL & GAS DEPARTMENT OF ENERS

(Attach separate sheets as necessary)

Allegheny & Weste	em Energy Corp
Well Operator	1
BV:	- X. Mc,Vice President
Date:	April 6 ,1987
Date.	

in the same

CHARLESTON, WEST VIRGINA 26120

CHARLESTON, WEST VIRGINIA 25929

WW-4-A	
Revised 6/07	

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

4)	Surface Owner(s	s) to be served:	5) (a) Coal	Operator:
	(a) Name	Rowland Land Company LLC	Name	None
	Address	405 Capitol St	Address	
		Suite 609		
		Charleston, WV 25301		
	(b) Name		(b) Coal Own	ner(s) with Declaration
	Address		Name	Rowland Land Company LLC
				405 Capitol St
			Address	Suite 609
				Charleston, WV 25301
	(c) Name		Name	
	Address		Address	
3)	Inspector	Gary Kennedy /	(c) Coal Les	see with Declaration
	Address	P.O. Box 268	Name	Performance Coal Company
		Nimitz WV 25978	Address	Alpha Natural Resources
	Telephone	304.382.8402		300 Running Right Road
				Julian WV 25521

## TO THE PERSONS NAMED ABOVE:

You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Division of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator:	EQT Production Company
By:	Victoria J.Roark
Its:	Permitting Supervisor
Address:	PO Box 280
	Bridgeport, WV 26330
Telephone:	(304) 848-0076
Subscribed and sworn before me this	day of february, 2016
Subscribed and sworn before me this	/ Notary Public
My Commission Expires:	2/20/18

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 personal information.

gencies or um
nation Act requests. Our
on, please contact AETEX Chief Pave.
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

WW-9 Revised 2/03

Page of				
2) Operator's We	II Nui	nber		
131351 Rowland	B 13	3		
3) API Well No .:	47	081 -	00750	_

## STATE OF WEST VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name:	EQT PRODUCTION COMPANY		OP ID:	
Watershed:	Marsh Fork		Quadrangle:	Dilet 1/- eh
Elevation:	1409 County:	Raleigh	 District:	Pilot Knob  Marsh Fork
Description of anticip	· ——		Formation Fluids	Waish Polk
Do you anticipate us Will synthetic liner b	sing more than 5,000 bbls of water t e used in the pit? Yes	to complete th	e proposed well work?	Yes No_X_ 10 ml
Proposed Disposal N	Method for Treated Pit Wastes: Land Application Underground Injection - UIC Pe Reuse (at API Number) Offsite Disposal Permit #.	ermit Number		
Deillie e e e di e e e e e	Other: Explain			
If oil base Additives to be used	cipated for this well? Air, freshwate ed, what type? Synthetic, petroleum?	er, oil based, e n, etc.		
Will closed loop syst	em he used?			
	al method? Leave in pit, landfill, rer	move offeite	<u> </u>	
If left in pit	and plan to solidify what medium will b	nove onsite, t is used? Ceme	ent lime eawdust	
	offsite name/permit number?		int, Lime, sawqust	<del></del>
understand that the permit and/or other a learning under penalty application form and for obtaining the information of the info	erstand and agree to the terms and 2005, by the Office of Oil and Gas or oversions of the permit are enforced pplicable law or regulation can lead of of law that I have personally example all attachments thereto and that, be mation, I believe that the information consummation, incl	of the West Vi able by law. \ I to enforcement nined and am ased on my inc on is true, acc	rginia Division of Enviro  /iolations of any terms of  ent action.  familiar with the informate  quiry of those individuals  grate and complete the	nmental Protection. I or condition of the general ation submitted on this is immediately responsible meawage that there are
		///		
Company Officia			NOTIC	
Company Officia	al (Typed or Printed) <u>Victoria</u>	Roark		
Company Officia	al Title <u>Permitting</u>	Supervisor-	wv	
	worm before me this <u>and</u> Chust	day of	Albruay Public	, 2016
My Commission E	expires	TATION WITE	3EA 2- /2-	
	THE STATE OF THE S	STATE OF WEST NOTARY Misty S 1207 Brierci Bridgeport, W Commission Expire	Christie	0

	OPERATOR'S WELL NO.: 131351 Rowland B 13			
	LEGEN	ID -	101331 10	MIAIIU B 13
Property Boundary		Diversion	1/1/1	1//
Road	Si	oring	Wet Spot	
======================================	0-		-8-	
Planned Fence	Drain Pipe with s	size in inches	Water Way	
_/_/_/		<b>—</b>	<b>€→ €</b> →	-
Existing Fence	Stream	=	Cross Drain	
Open Ditch	Artificial Filte	•	Rock	
North	Building	Water well	Drill site	
N		W	$\oplus$	
Pit with Cut Walls	Pit with Compacte	d Walls Area	of Land Application o	f Pit Waste
	,,,,,,			
Proposed Revegetation Treatmen			on pH	5.8
Lime 3 Tons		6.5		
Fertilizer (10-20-20) or equi		/3 ton	lbs/acre (500 lbs	minimum)
Mulch2 Tons				
Area I	SEED MIXTURES	¥		
Seed Type	lbs/acre	017	Area II	
KY-31		Seed Type		lbs/acre
Alsike Clover	<u>40</u> 5	Orchard Grass		15
Annual Rye	15	Alsike Clover		5
ATTACH: Drawing(s) of road, location, pil Photocopies section of involved Plan approved by:  Comments:	t and proposed area for land 17.5' topographic sheet. Kewny	application.		
Title: Inspector				

Topo Quad	: Pilot Knob 7.5'	Scale:	1 " = 20	000'
County:	Raleigh	Date:	January	/ 27, 2016
District:	Marsh Fork	Project No	23-06-0	00-08
	47-081-00750 V	VV 131351 (	Rowland B	13) Topo
	Creek 1200 Cem	Edwight 385  MANN Fork JF Fligh Sch Com	Substation	Sundial FOR
Whitesville 25 Quidrans Pilot Knob 7.5 Quidrans Quino Quino Dump		00750	Sham!	Pilot Knob 2.5 Quadrangie  Pettry Bottom
Cont.		5305		
The second secon				NAD 27, South Zone N: 318,847.33 E: 1,847,400.73 WGS 84 LAT: 37.874567 LONG: -81.528511 ELEV: 1408.67
LEGHEN A	SURVEYING AND MAPPING SERVICES IN		EQT Prod	uction Company

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

P.O. Box 280 Bridgeport, WV 26330/26/2016



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

API: 47-081-00750	WELL NO.: WV 131351 (Ro	wland B 13)
FARM NAME: Rowlan	nd Land Co.	
RESPONSIBLE PARTY	NAME: EQT Production Co.	mpany .
COUNTY: Raleigh	DISTRICT:	Marsh Fork .
QUADRANGLE: Pilot	Knob 7.5'	
SURFACE OWNER:	Rowland Land Company, LLC	
ROYALTY OWNER:I	Rowland Land Company, LLC, e	et al
UTM GPS NORTHING:	4192030 .	
UTM GPS EASTING:	453519 . GPS ELEVA	TION: 429m (1409 ft) .
preparing a new well location above well. The Office of Countries the following requirements:  1. Datum: NAD 19 height above me  2. Accuracy to Datu  3. Data Collection of Survey grade GPS  Mapping Grade GPS  4. Letter size copy  I the undersigned, hereby ce	283, Zone: 17 South, Coordinate of an sea level (MSL) – meters.  2 mm – 3.05 meters  2 Method: 2 Post Processed Differential 3 Real-Time Differential 4 Post Processed Differential 5 Real-Time Differential 6 Real-Time Differential 7 real-Time Differential 8 real-Time Differential 9 real-Time Differential	ussigned API number on the coordinates that do not meet  Units: meters, Altitude:  X  Ing the well location.  est of my knowledge and
Stary O Bron	~ PS# Z180	1/28/16
Signature	Title	Date



## POTENTIAL WATER SAMPLE DATA SHEET

EQT PRODUCTION COMPANY CLIENT: \_ LEASE NAME AND WELL No. Rowland B 13 - WV 131351 - API No. 47-081-00750

## POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 131351.

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 Rd Alum Creek, WV 25003 phone: 304-756-2949 jax: 304-756-2948

MARTINSBURG OFFICE

25 Lights Addition Drive Martinsburg, WV 25404 phone: 304-901-2162 fax: 304-901-2182 02/26/2016

Topo Quad:	Pilot Knob 7.5'	Scale:	1 " = 2000'
County:	Raleigh	Date:	January 27, 2016
District:	Marsh Fork	Project No	o:23-06-00-08
Water	47-081-00750 WV 13	1351 (	Rowland B 13)
Whitesville 7.5 Quadrangle  Whitesville 7.5 Quadrangle  Who and the second seco			Substation Sundial FOR  Whites West Surgici in Pilos Knob & Quarter Filos Knob & Quarter Filos Knob & Sundial FOR  Pettry Bottom
атья.			NAD 27, South Zone N: 318,847.33 E: 1,847,400.73 WGS 84 LAT: 37.874567 LONG: -81.528511 ELEV: 1408.67
EG HENY OUT	SURVEYING AND MAPPING SERVICES PERFORMED  ALLEGHENY SURVEY  1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608		PREPARED FOR:  EQT Production Company P.O. Box 280 Bridgeport, WV 26320/26/2016