

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

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Thursday, April 13, 2023 WELL WORK PLUGGING PERMIT Horizontal 6A Plugging

EQT PRODUCTION COMPANY 625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re:

Permit approval for MARTIN 4H

47-103-02958-00-00

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:

Farm Name: MARTIN, CHARLES & GWEL

U.S. WELL NUMBER: 47-103-02958-00-00

Horizontal 6A Plugging Date Issued: 4/13/2023

PERMIT CONDITIONS

4710302958

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.

1) Date March 10 0 3 0,22 023 8 2) Operator's
2) Operator's
Well No. Martin #4H
3) API Well No. 47-103 - 02868

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

	APPLICATION FOR A PER	MIT TO PLUG AND A	BANDON
4)	Well Type: Oil/ Gas X/ Liqui	d injection	/ Waste disposal/
	(If "Gas, Production or Un	derground storage) Deep/ ShallowX
5)	Location: Elevation 906	Watershed Little Fi	shing Creek
	District Green		Quadrangle Porters Falls 7.5'
6 3	Well Operator EQT Production Company	715	. losanh C Mallow
0)	Address 400 Woodcliff Drive		ent Joseph C. Mallow ess 427 Midstate Drive
	Canonsburg PA 15317	Addre	
	Canonsburg FA 19317		Clarksburg, WV 26301
8)	Oil and Gas Inspector to be notified	9)Plugging Cont	ractor
	Name Steve McCoy	Name R&J	
	Address 13016 Indian Creek	·	087 Raccoon Rd
	Jacksonburg, WV 26377	Н	ueysville, KY 41640
		_	
			MAR 16 2023 WV Department or Environmental Protection
Noti vork	fication must be given to the district of can commence.	Dinitally sinned by Stanka	
Vork	order approved by inspector Stephen M	CCOY Mccoy Date: 2023.03.14 10:21:41	014.4/00

Martin 4H Wetzel Co., WV HZ Marcellus well API # 4710302958

DATE: 3/9/2023

CURRENT STATUS: (All Depths Based off GL)

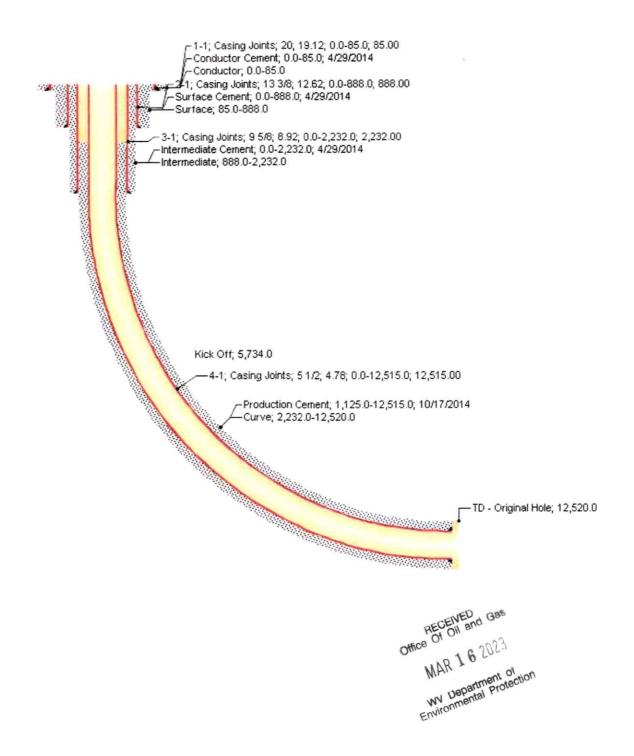
20" conductor @ 85' Cemented to Surface 13 3/8" casing @ 888' Cemented to Surface 9 5/8" casing @ 2,232' Cemented to Surface 5 1/2" casing @ 12,520' Cemented to 1125'

TD: 12,520' TVD: 6,638' Well is DUC currently Shut-in Production Casing: 1000 psi Production Annulus: 0 psi Intermediate Annulus: 0 psi

Elevation: 906' Fresh Water: 108' Coal: 628', 712' Brine Water: NA Oil: NA Gas: 6913'

- Notify Inspectors Stephen McCoy 681 344 3265 prior to beginning operations.
- 2. Check and record pressure on all casings, notify engineer of recorded pressures.
- 3. Blow well down and/or kill if necessary.
- 4. Install 3 to 5 k wireline BOP. Test BOP's and stack to regs. P/U install 3 to 5k lubricator
- 5. Equalize lubricator, if necessary and RIH w/ Gauge ring to 65 degrees or 20-100' above Marcellus (Marcellus top 7304' MD/6893' TVD). If run is good, move on to step 6, else discuss with EQT Rep and WVDEP.
- 6. Equalize lubricator, if necessary and RIH w/ wireline and set a CIBP @ 6,902' MD / 6,604' TVD, (30' above the Marcellus formation - 6,932' MD / 6,612' TVD) *Set CIBP in middle of 5 1/2" casing joint.
- 7. POOH w/ wireline and load well with Fresh Water if not already full
- 8. Pressure up against CIBP to 500 psig and ensure leak-off is not more than 10% in 15 minutes per regulation.
- 9. RIH with segmented bond log and pull log from CIBP to surface. Share top of Cement with EQT rep and WVDEP for confirmation on cutting/pulling 5 ½" casing.
- 10. TIH with tubing to CIBP and pump 6% gel to 3000'
- 11. RIH to CIBP and Pump 500' Class A or CL cement plug from 6,902' to 6,402'. Let cement cure.(CIBP Plug)
- 12. RU and RIH with WL and split shot, shoot 5 1/2" casing off at free point and pull 5 1/2" casing out of hole.
- 13. TIH with work string and set pump 6% gel to surface, pump 250' balanced plug starting 100' in the casing cut depth if possible (100' in/200' out) of 5 1/2" stub. Let cement cure. (5 1/2" casing cut)
- 14. TIH w/tubing to 2332' set Class A or CL cement plug from 2332' to 2082' (100' below/150' above 9 5/8" casing set depth) Let cement cure.
- 15. TIH w/tubing to 1015' and set Class A or CL cement plug from 1015' to 528' (covers Elevation depth and all coal shows, 13 3/8" casing seat)
- 16. TIH w/tubing to 200' and set Class A or CL cement plug from 200' to surface (surface plug and fresh 18. Cut, weld and cap well. Install 6" monument or greater per DEP regulations.

WV Department of Environmenta





EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

March 10, 2023

Mr. Taylor Brewer West Virginia Department of Environmental Protection Office of Oil and Gas 601 57th Street SE Charleston, WV 25304

Re: Class L Cement Variance Request

Martin #4H Well

Permit Number 47-103-02958 Green District, Wetzel County

Dear Mr. Brewer,

EQT Production Company (EQT) has been notified by our cement providers that they will no longer be providing Class A cement. As a result of this, EQT is requesting the option to utilize Class L cement, if necessary, in place of Class A cement for its cement jobs.

The variance request from Legislative Rule 35CSR4 Section 11.5, related to the use of Class L Cement, was approved by the Office of Oil and Gas on September 13, 2022. A copy of the variance is included with this request.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

John Zavatchan

Project Specialist - Permitting

Enc.

Office Of Oil and Gas

MAR 1 6 2023

WV Department of Environmental Protection



west virainia	department	of environment	al pro	tecti	O
---------------	------------	----------------	--------	-------	---

Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Phone (304) 926-0450 Harold D. Ward, Cabinet Secretary dep.wv.gov

BEFORE THE OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE OF WEST VIRGINIA

IN THE MATTER OF A VARIANCE FROM)		
LEGISLATIVE RULE 35CSR4)	ORDER NO. 2022-1	3
SECTION 14.1. AND LEGISLATIVE RULE)		
35CSR8 SECTION 20.1,)		
RELATING TO THE CEMENTING)		
OF OIL AND GAS WELLS)		

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

- 1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class And Ges cement, relating to the plugging of conventional wells.
- 2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the comparable to API Class A cement and thereby satisfies the requirements of the comparable to API Class A cement and thereby satisfies the requirements of the comparable to API Class A cement and thereby satisfies the requirements of the comparable to API Class A cement and thereby satisfies the requirements of the comparable to API Class A cement and thereby satisfies the requirements of the comparable to API Class A cement and thereby satisfies the requirements of the comparable to API Class A cement and thereby satisfies the requirements of the comparable to API Class A cement and the comparable to the comparab
- 3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogramed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE STATE OF WEST VIRGINIA

James Martin, Chief Office of Oil and Gas

WV Department of Environmental Protection

MAR 16 2023

RECEIVED Gas

WW-4A Revised 6-07

1) Date:	March 10, 2023	
2) Operator	's Well Number	
Martin #4H		

3) API Well No.: 47 -

103 - 02958

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

4) Surface Own (a) Name Address	er(s) to be served: See Attached	5) (a) Coal Operator Name Address		
(b) Name Address				s) with Declaration	on
(c) Name Address			Name Address		
6) Inspector Address	Steve McCoy 13016 Indian Creek Jacksonburg, WV 26377		(c) Coal Lessee v Name Address		
Telephone	681-344-3265				
Take notice t accompanyin Protection, w the Applicati	hat under Chapter 22-6 of g documents for a permit ith respect to the well at t	my action at all the West Virginia Code to plug and abandon a v he location described or mailed by registered	e, the undersigned well operate well with the Chief of the Offic in the attached Application and or certified mail or delivered	or proposes to file or has te of Oil and Gas, West V depicted on the attached	s filed this Notice and Application and Virginia Department of Environmental d Form WW-6. Copies of this Notice, s) named above (or by publication in
mmonwealth of Pennsy Rebecca Shrum, N Beaver Co My commission expire Commission numb ember, Pennsylvania Ass	lotary Public unty s March 9, 2024 per 1267706	By: Its: Address	EOT Production Company Erin Spine Manager - Subsurface Permit 400 Woodcliff Drive Canonsburg PA 15317	itting (itting	MAR 1 6 2023 WV Department of Environmental Protection
	worn before me th	Telephone is	(724) 271-7380 ny of March 7	2023 Notary Public	Environii

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.

Martin #4H WW-4A Attachment

SURFACE OWNER:

EQT Production 400 Woodcliff Drive Canonsburg, PA 15317

COAL OWNERS:

Master Mineral Holdings I, L.P. 223 W. Wall, 9th Floor Midland, TX 79701

James Steele 1425, 33rd St. San Diego, CA 92102

Betty Pelligra 2248 Cross Creek Cuyahoga Fall, OH 4423

Marjorie Hoover 4538 Stagecoach Tr. Copley, OH 44321

Timothy A. Steele 3361 Province Court Powell, OH 43065

Country Roads Minerals LLC P.O. Box 245 Williamstown, WV 26187

Todd D. Steele 201 US Grant Street LaGrange, OH 44050

Randy L. Steele 5155 Jewell Lane Paducah, KY 42001

The Jack T. Steele and Jean F. Steele Living Trust; Trustee: Jack T. Steele 808 Chestnut Boulevard Cuyahoga Falls, OH 44221





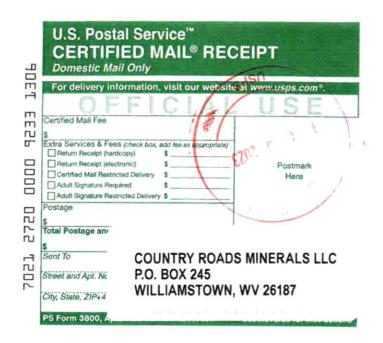




52	U.S. Postal Service 0 3 0 2 9 5 8 CERTIFIED MAIL® RECEIPT Domestic Mail Only
Li Li	For delivery information, visit our website at www.usps.com*
Н	OFFICIAL OSE.
E	Certified Mail Fee
97	\$ Extra Services & Fees (check box, add fee as appropriate)
11.000	Return Receipt (hardcopy) \$
	Return Receipt (electronic) \$ Postmark
0000	Adult Signature Required \$
	Adult Signature Restricted Delivery \$
	\$
7	Total Postage and
	Sent To MASTED MINEDAL HOLDINGS LLD
L.	MASTER WINERAL HOLDINGS I, L.P.
7021	Street and Apt. No 223 W. WALL, 9TH FLOOR
1 -	City, State, ZIP+4 MIDLAND, TX 79701
	PS Form 3800, A
	PS Form Seve, Ap







1,3	U.S. Postal Service CERTIFIED No Domestic Mail Only	vice [™] IAIL® RECEIPT
13	For delivery information	visit our website at www.usps.com®.
	OFFI	SdSn
E	Certified Mail Fee	
ги	\$	
Б	Extra Services & Fees (check box. Return Receipt (hardcopy)	add fee as appropriate) \$
	Return Receipt (electronic)	\$Postmark
0000	Certified Mail Restricted Delivery Adult Signature Required	\$ Here
	Adult Signature Restricted Deliver	y S
20	Postage	
	\$	
디	Total Postage and	
-	\$ Sent To TC	DD D OTEF! F
027	10	DD D. STEELE
		1 US GRANT STREET
Γ~	City, State, ZIP+4	GRANGE, OH 44050
	The state of the s	
	PS Form 3800, A	and an arranged to the Acceptance of the Control

20	U.S. Postal Service [™] CERTIFIED MAIL [®] RECEIPT Domestic Mail Only			
13	For delivery information, visit our website at www.usps.com*.			
0000 9233 1	Certified Mail Fee \$ Extra Services & Fees (check box, add fee as Return Receipt (hardcopy)	appropriate) Postmark Here		
7021 2720	Street and Apt. No. 5155 JE	L. STEELE WELL LANE AH, KY 42001		





Topo Quad: Porters Falls 7.5'

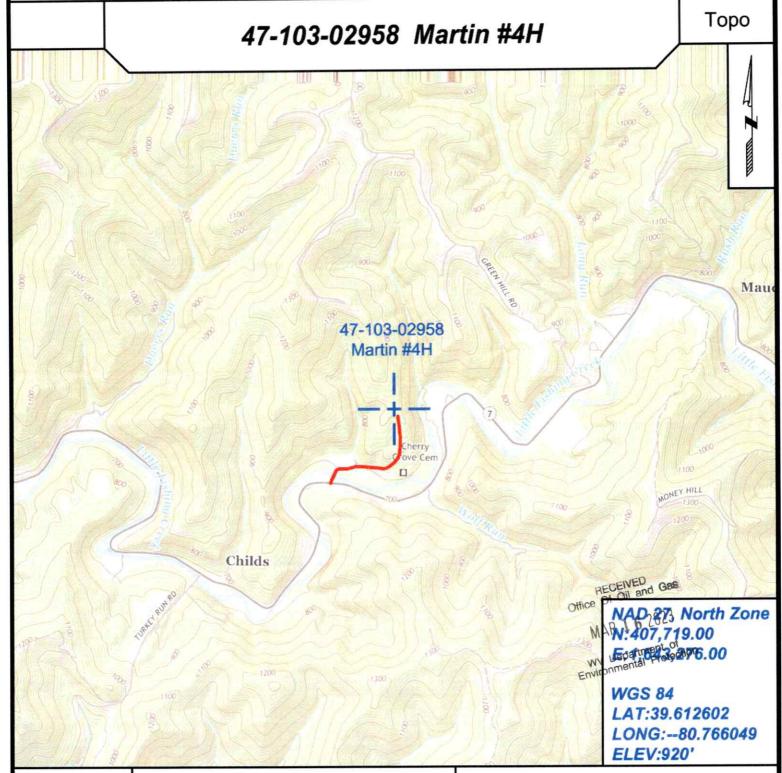
Scale: 1" = 2000'

County: Wetzel

Date: July 15, 2027 1 0 3 0 2 9 5 8

District: Green

Project No: 40-34-00-09





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

04/14/2023

WW-9 (5/16)

API Number 47 - 103 __02958 Operator's Well No. Martin #4H

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) Little Fishing Creek	Quadrangle Porters Falls 7.5'
Do you anticipate using more than 5,000 bbls of water to comp	olete the proposed well work? Yes No
Will a pit be used? Yes No ✓	
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes	No If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:	
Land Application (if selected provide Underground Injection (UIC Permi	de a completed form WW-9-GPP) it Number)
Reuse (at API Number	
Off Site Disposal (Supply form WV Other (Explain	W-9 for disposal location)
Will closed loop systembe used? If so, describe:	
Drilling medium anticipated for this well (vertical and horizon	tal)? 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	e used? (cement. lime, sawdust)
-Landfill or offsite name/permit number?	
West Virginia solid waste facility. The notice shall be provided	Cas of any load of drill cuttings or associated waste rejected at any d within 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Cas of the West Vir provisions of the permit are enforceable by law. Violations of or regulation can lead to enforcement action. I certify under penalty of law that I have personally application form and all attachments thereto and that, based on the information, I believe that the information is true, accura submitting false information, including the possibility of fine of Company Official Signature Company Official Title Manager - Subsurface Permitting	WV Department of Protection Environmental Protection
N/ M	March . 2023 Commonwealth of Pennsylvania - Notary St. Rabacca Shrum Notary St.
Le bella D	Notary Public Beaver County My commission explies March 9, 2024
My commission expires March 9, 2024	My commission expires March 9, 2024 Commission number 1267706
	Stephen MA/12023

Proposed Revegetation Treat	tment: Acres Disturbed 1±	Preveg etation pl	Н
Lime 3	Tons/acre or to correct to	рн 6.5	
Fertilizer type (10	0-20-20) or equivalent		
Fertilizer amount 1	/3 ton	lbs/acre	
Mulch_2	T	ons/acre	
		Seed Mixtures	
Te	emporary	Perma	nent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Aslike Clover	5	Aslike Clover	5
Annual Rye	15		
provided). If water from the (L, W), and area in acres, of	pit will be land applied, provid	oplication (unless engineered plans inclu de water volume, include dimensions (L,	ding this info have been W, D) of the pit, and dime
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, of Photocopied section of invo	pit will be land applied, provide the land application area. Ived 7.5' topographic sheet. Digitally signate: 2023.	oplication (unless engineered plans include water volume, include dimensions (L. include dimensions (L. ined by Stephen Mccoy	ding this info have been W, D) of the pit, and dime
Maps(s) of road, location, provided). If water from the (L. W), and area in acres, of Photocopied section of invo	pit will be land applied, provide the land application area. Ived 7.5' topographic sheet.	oplication (unless engineered plans include water volume, include dimensions (L. include dimensions (L. ined by Stephen Mccoy	ding this info have been W, D) of the pit, and dime
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, of Photocopied section of invo	pit will be land applied, provide the land application area. Ived 7.5' topographic sheet. Digitally signate: 2023.	oplication (unless engineered plans include water volume, include dimensions (L. include dimensions (L. ined by Stephen Mccoy	ding this info have been W, D) of the pit, and dime
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, of Photocopied section of invo	pit will be land applied, provide the land application area. Ived 7.5' topographic sheet. Digitally signate: 2023.	oplication (unless engineered plans include water volume, include dimensions (L. include dimensions (L. ined by Stephen Mccoy	W, D) of the pit, and dime
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, of Photocopied section of invo	pit will be land applied, provide the land application area. Ived 7.5' topographic sheet. Digitally signate: 2023.	oplication (unless engineered plans include water volume, include dimensions (L. include dimensions (L. ined by Stephen Mccoy	office of on MAR 16 LULD
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, of Photocopied section of invo	pit will be land applied, provide the land application area. Ived 7.5' topographic sheet. Digitally signate: 2023.	oplication (unless engineered plans include water volume, include dimensions (L. include dimensions (L. ined by Stephen Mccoy	W, D) of the pit, and dime

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

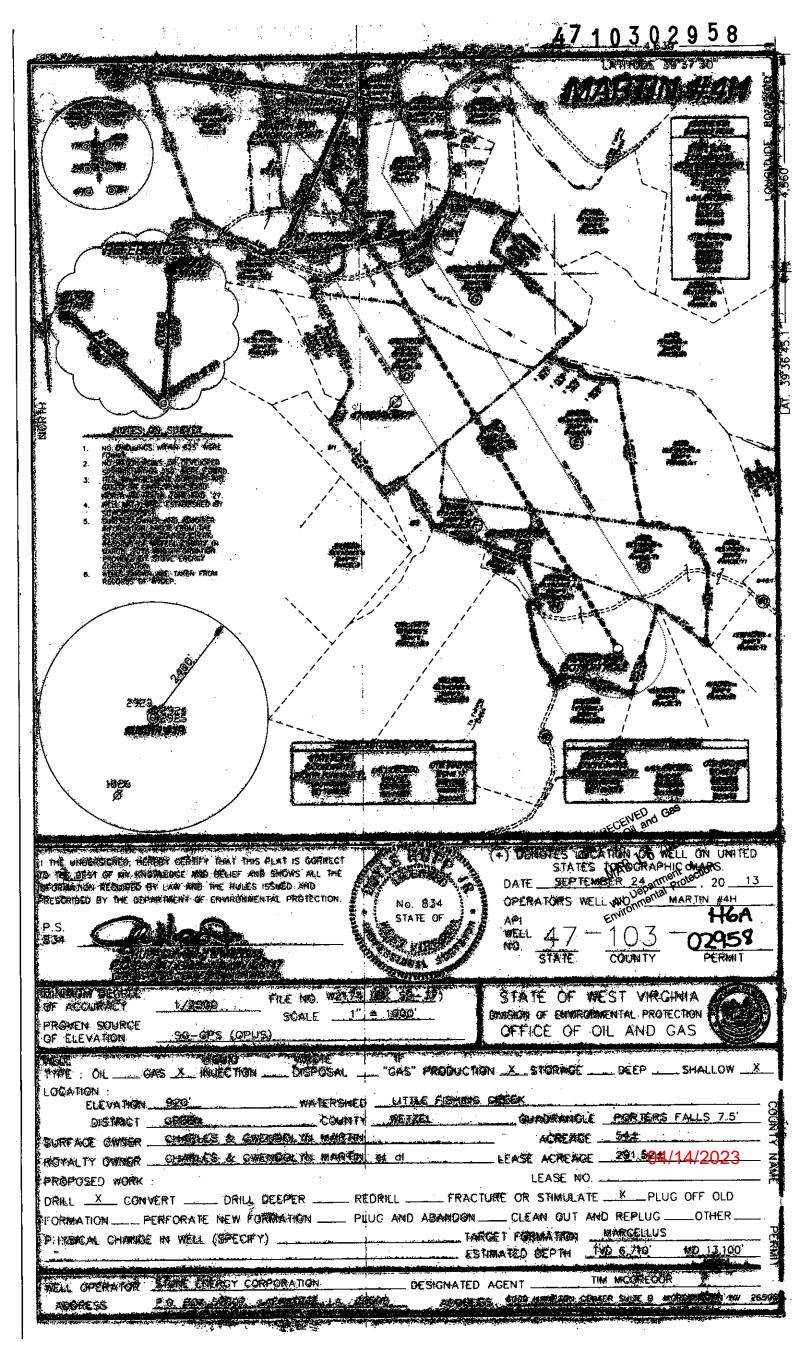
512 E. Dry Road Parkersburg, WV 26104 304-428-0602 Permit #SWF-1025 WV-0109400 Approval #100833WV





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

API: 47-103-02958 WELL NO.: Martin 4H				
FARM NAME: Martin				
RESPONSIBLE PARTY NAME:_	EQT Production Comp	pany		
COUNTY: Wetzel	DISTRICT:	Green		
QUADRANGLE: Porter Falls 7.5	,			
SURFACE OWNER: EQT Prod	uction Company			
ROYALTY OWNER: EQT Prod	uction Company et. al.			
UTM GPS NORTHING: 4384787				
UTM GPS EASTING: 520082	GPS ELEVAT	ION: 280 m (920 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				
prescribed by the Office of Oil and G	as.			
Bu R Students Signature	P.S. 2092 Title	3-10-23 Date		



WR-35 Rev. 8/23/13

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

API 47 - 103 - 0	2958 County Wetzel	District	Green	
and the same of th	Pad Name Martin		ol Name Mary	
Farm name Martin, Charle	es and Gwendo		ımber #4H	
Oton (as registered with	the OOG) Stone Energy Cor	poration		
Operator (as registered with	ont Dr Suite 201 City Mo	rgantown Stat	e WV	Zip 26508
Address 1500 For Fier	City	Stat	·	_ 21/
		ed plat, profile view, and deviati Easting 520,	on survey 082	
Top Landing Point of C		Easting 520,	086	
Bottom		Easting 520,		
Elevation (ft) 906	GL Type of Well	■New □ Existing Typ	1	
Permit Type Deviate	d 🗆 Horizontal 📱 Horizon	ntal 6A 🗆 Vertical De	epth Type	Deep Shallow
	vert 🗆 Deepen 🍇 Drill 🗈			
Well Type Brine Dispos	sal □ CBM ■ Gas □ Oil □ Se	condary Recovery Solution !	Mining Storag	ge 🗆 Other
Type of Completion ■ Sir Drilled with □ Cable ■	ngle	uced □ Brine □Gas □ NC	iL 🗆 Oil 🗖	Other
Production hole Air Mud Type(s) and Additive	ole ■ Air □ Mud ■ Fresh W ■ Mud □ Fresh Water □ Brin e(s) ich includes Caustic Soda, Ba	ne	Office of Ga-Lose HT, Xa	Fresh Water Brine EIVED Oil and Gas n-Plex D, X-Cide 102
Soda Ash, and Sodium			MAR	1 3 2017
Date permit issued 12/		nmenced4/24/2014	Date drilling cea	sed 10/17/2014
Date completion activities	NI-4 Vat Campleted	Date completion activities co	eased Not Ye	t Completed
Verbal plugging (Y/N)	K1		nted by	t Completed
verbai piugging (1714)	Date permission grans		Office	
	equired to submit a plugging appli		ermission to plug	WV Department of Protection Environmental Protection
Freshwater depth(s) ft		Open mine(s) (Y/N) depths		N
Salt water depth(s) ft	None Reported	Void(s) encountered (Y/N) d		
Coal depth(s) ft	628 and 712	Cavern(s) encountered (Y/N)	depths	N
Is coal being mined in area		OVE		Reviewed by:
	NAME: Son	m for		04/14/2023

DATE: 5-25-17

WR-35

					= .		~ .		0	-4	Did	ent circulate (Y/N)	
ASING	Hole		ising	Dept		w or sed	Grade wt/ft		Bask Depth	=		de details below*	
TRINGS onductor	Size 24*	<u></u>	20"	85°		iew		4.1 ppf				N - GTS	
urface	17.5"	1	3,375*	888'		vew		54.5 ppf	117	& 197'		Y - CTS	
oal	17.5"		3.375*	888'		lew		54.5 ppf	117	'& 197'		Y - CTS	
ntermediate 1	12.25"	-	9.625"			Vew		36 ppf				Y-CTS	
ntermediate 2	12.20	 								**		· ·	
ntermediate 3										<u> </u>	·		
roduction	8.75°	-	5.5"	12,51	5 1	Vew	P110	- 20 ppf			N - TO	C @ 1,125' Calculate	
Tubing	0.70	<u> </u>					<u> </u>						
acker type and d	epth set	TAM	CAP Inflatable F	acker	on 9.825" C	esing S	tring @ 73	3'					
omment Details unface on the 5.5"		on 5.5° c	niculated to be @ 1.		Sturry	•	rield	Volume		Ceme	nt	woc	
DATA	of Cemen		of Sacks		wi (ppg)	T	1 3/sks)	(U ₂)		Top (M		(hrs)	
Conductor	Type 1		34	\dashv	15.6			40	Surface			24.0	
Surface	HalCem Class "A" 650		15.6	+	1.22 817		\dashv	Surface		8.0 8.0			
Coal	HalCem Clas				15.6	+	1.22 817		-	Surface Surface		•	
Intermediate I	Leed-10% Salt Tell	-HalCem	Lead-400 Tail-	00 14	ad-15.6 Tail-15.6	Leso-1.	24 Tell-1.21	Lead-496 Tal	1484	Suria	De	12.0	
Intermediate 2				+		┼							
Production			Lead-279 Tail-2,	400	44 5 7-8 15 5	1 1 224 4	£1 T-2 4 48	Land 421 Tail	2 8 77	1,125' Cal	culated	7.0	
Tubing	Lead-TunedSpacer3 Tr	M-Vancem	L680-2/9 189-2	HOU LE	HEG-14.5 188-15.2	Lead-1	31 150-1.10	L000-721 100		1,120 001	-		
	ation penetrate		aflus Shale				`D (ft) <u>N/A</u> to (ft)						
Kick off depth	n (舵 <u>) 5,734 MD / 5</u>	,708 TVD)		**	-							
Check all wire	eline logs run		☐ caliper ☐ neutron	□ der □ res		devia gamm	ted/directi a ray		induc temp	ction erature	oson	ic	
Well cored	□Yes B No)	Convention	ıl	Sidewall		W	ere cutting	s col	lected E	i Yes	□ No	
joints 4, 8, 12, 15, 19 an	d 21. Inlamediale casing	had bow a	mag centralizers placed o	joints 4.	6, 12 18, 20, 24, 28 <i>1</i>	and 32.						entralizars placed on	
				eginning	with joint 14 to jo	ini 242. R	in a total of 57	rigid spiral contr	alizers.	Ran bow sprin	g centreliza	rs from joint 250 to joint 2	
on every eighth joint	. A total of 6 bow spri	uč ceusa	izera wore run.								ECENTER 8	Ury Capa	
WAS WELL	COMPLETE) AS S	HOT HOLE	οY	es 🖪 No	D	ETAILS			Office	IAR 1	o SUS3	
											or Debe	its block	
WAS WELL	COMPLETE	OPE	N HOLE?	Yes	■ No	DET	AILS _			E.	N. T. S.	· ·	

WR-35 Rev. 8/23/13 Farm name Martin, Charles and Gwendo Well number #4H API 47- 103 _ 02958 DEPTHS PRODUCING FORMATION(S) TVD Not Yet Completed Please insert additional pages as applicable. □ Build up □ Drawdown □ Open Flow OIL TEST

Flow

Pump GAS TEST DURATION OF TEST hrs Bottom Hole psi psi SHUT-IN PRESSURE Surface GAS MEASURED BY Water Oil NGL. OPEN FLOW Gas bpd □ Estimated □ Orifice bpd bpd mcfpd BOTTOM ROTTOM TOP LITHOLOGY/ TOP DEPTH IN FT DESCRIBE ROCK TYPE AND RECORD QUANTITY AND DEPTH IN FT DEPTH IN FT DEPTH IN FT FORMATION TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC) NAME TVD See Attached Sheet Please insert additional pages as applicable. Drilling Contractor Highlands (top-hole) & Saxon Drilling (horizontal) City Charleston / The Woodlands State WV / TX Zip 25301 / 77381 Address 900 Virginia St. - East /9303 New Trails Drive Logging Company Scientific Drilling and Schlumberger State PA / WV Zip 15022 / 26452 Charleroi / Weston Address 124 Vista Drive / 1178 US HWY 33 East City Cementing Company Halliburton Address 121 Champion Way, Suite 110 Cannonsburg

City

Title Drilling Engineer

Completed by Greg Zofchak
Signature Dy 3MM Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

Stimulating Company

Please insert additional pages as applicable.

Date 2/15/17 cm

Telephone 304-225-1600



400 Woodcliff Dr | Canonsburg, PA 15317 www.eqt.com

Via Email

March 14, 2023

West Virginia Department of Environmental Protection Office of Oil and Gas Attn: Jeff McLaughlin 601 57th Street, SE Charleston, WV 25304

RE:

Application for a Permit to Plug & Abandon

Martin #4H

API 47-103-02958

Green District, Wetzel County, WV

Office RECEIVED

MAR 16 2023

Environmental Protection

WVDEP Recipient,

Attached is EQT Production Company's application for a permit to plug and abandon for the well referenced above.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our land department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Sincerely,

Becky Shrum
Project Specialist - Permitting
bshrum@eqt.com
412-660-0654

SURFACE OWNER WAIVER

Operator's Well Number

4710302950	4 7	7 1	0	3	0	2	9	5	
------------	-----	-----	---	---	---	---	---	---	--

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

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:

- 2) The soil erosion and sediment control plan is not adequate or effective; Office Of Oil and Damage would occur to publicly owned lands or recommend.
- MAR 1 6 2023

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 the rules promulgated under Chapter 22. 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 objection to a permit being issued of FOR EXECUTION BY A NATURA ETC.	on those materials.	the planned wor		ese materials, and I have no
	Date	Name	<u> </u>	
Signature		$_{ m Its}$		Date
			Signature	04/14/20Bate

API No. 4.7	Martin, Charles & Gwendolyn
Farm Name	Martin, Charles & Gwendolyn
Well No.	

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

	WAIVER	
The undersigned coal operator/has examined this proposed plugging work or done at this location, provided, the well ope Virginia Code and the governing regulations.	der. The undersigned ha	all applicable requirements of the West
Date:		Office Of Oil and Gass MAR 1 6 2023
	By:	MAN the man of the man
	Its	WV Department of Environmental Protection



Kennedy, James P < james.p.kennedy@wv.gov>

plugging permits issued 4710302956 4710302958 4710302960

1 message

Kennedy, James P < james.p.kennedy@wv.gov>

Thu, Apr 13, 2023 at 9:56 AM

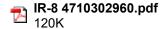
To: "Shrum, Becky" <BShrum@eqt.com>, Stephen E McCoy <stephen.e.mccoy@wv.gov>, slemley@wvassessor.com

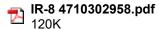
To whom it may concern plugging permits have been issued for 4710302956 4710302958 4710302960.

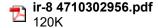
James Kennedy

WVDEP OOG

6 attachments









4710302958.pdf 4909K

4710302960.pdf
4404K