

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

Monday, October 2, 2023 WELL WORK PERMIT Horizontal 6A / Plugging

EQT CHAP LLC 625 LIBERTY AVE SUITE 1700 PITTSBURGH, PA 15222

Re: Permit approval for BERGER 3H

47-051-01725-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: BERGER, GARY & LINDA

U.S. WELL NUMBER: 47-051-01725-00-00

Horizontal 6A Plugging
Date Issued: 10/2/2023

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. 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.

L) Date September 5	2023
2)Operator's	
Well No. Berger A 3H	
3) APT Well No. 47-051	- 01725

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

	APPLICATION FOR A PERI	MIT TO PLUG AND ABA	ANDON
4)	Well Type: Oil/ Gas X/ Liquid	d injection /	Waste disposal /
	(If "Gas, Production or Und		
ΕV	1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Grave C	rook
5)	Location: Elevation 1,285'	Watershed Grave C	
	District Clay	County Marshall	Quadrangle Powhatan Point 7.5'
6)	Well Operator EQT!(MAP LLC	7)Designated Ager	_{at} Joseph C. Mallow
	Address 400 Woodcliff Drive		427 Midstate Drive
	Canonsburg PA 15317		Clarksburg, WV 26301
8)	Oil and Gas Inspector to be notified	9) Plugging Contra	ctor
	Name Strader Gower	Name R&J	
	Address 2525 West Alexander Rd	Address 108	37 Raccoon Road
	Valley Grove, WV 26060	Hue	eysville, KY 41640
			RECEIVED Office of Oil and Gas SEP 0 7 2023 WV Department of Environmental Protection
Noti: work	fication must be given to the district oi can commence.	l and gas inspecto	r 24 hours before permitted
Vork	order approved by inspector <u>Strader</u>	Gower	Date 09/05/2023

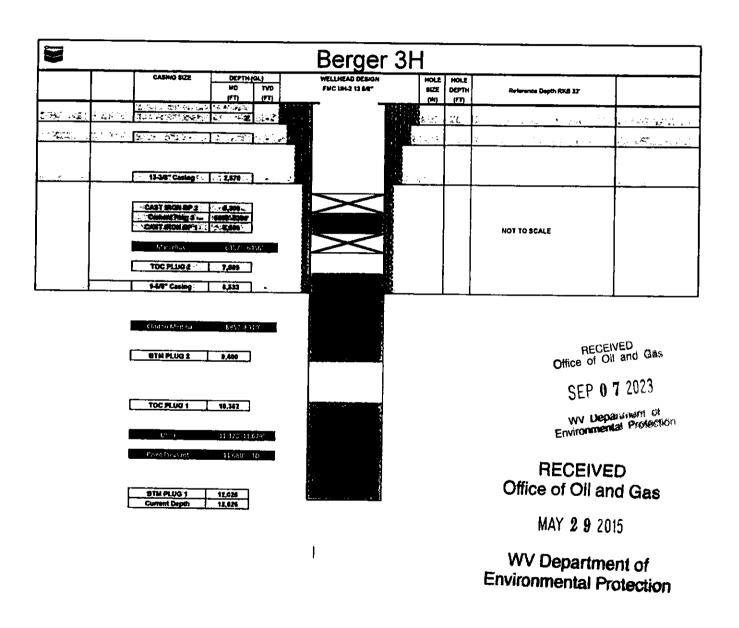
State of West Virginia Department of Environmental Protection - Office of Oil and Gas Well Operator's Report of Well Work

JUN 18 2015

API 47 - 051 - 01725 County Marsh	all	WV Dept. o	ffice of Oil and G of Environmental	ias I Protocula
Quad Powhatan Pad Name Berg	or Bad A	Field/Pool Name		Policin
Farm name Berger		Well Number Be	rger 3H	
Operator (as registered with the OOG) Chevron Appalac	hia, LLC			
Address 800 Mountain View Drive City Sn	nithfield	State PA	Zip _1	5478
Top hole Northing Landing Point of Curve Northing Bottom Hole Northing	Easti	ing ng ng		17
Elevation (ft) 1292 GL Type of Well	aNew D Existing	Type of Repor	t Ølnterim	□Final
Permit Type Deviated Horizontal Horizontal	ntal 6A D Vertical	Depth Type	□ Deep	□ Shallow
Type of Operation Convert Deepen Drill	D Plug Back D Redril	ling 🗆 Rework	□ Stimulate	e
Well Type $\ \square$ Brine Disposal $\ \square$ CBM $\ \square$ Gas $\ \square$ Oil $\ \square$ Se	condary Recovery D So	lution Mining 🗆 S	torage 🗆 Otl	ner
Type of Completion	. •	September 1995 and 19	□ Other	
Drilling Media Surface hole ☐ Air □ Mud □Fresh Wa		ole ,□ Air Bi Mu		
Production hole	e :	C	RECEIVED of Oil and	d Gas .
Mud Type(s) and Additive(s)	•		SEP 0 7 2	
			WV Departme	ent of
Date permit issued5/27/2014 Date drilling com	menced6/26/2014	_	nvironmental P	10.1
Date completion activities began		ities ceased		
Verbal plugging (Y/N) Y Date permission grante	d4/30/2015	Granted by	Jim Nichols	son
Please note: Operator is required to submit a plugging applic	ation within 5 days of ver	bal permission to	plug	
Freshwater depth(s) ft169'	Open mine(s) (Y/N) dep	oths	N	
Salt water depth(s) ft	Void(s) encountered (Y		N	
Coal depth(s) ft 768'-769', 784'-785', 830'-837', 1411'-1413', 1415'-1418' Is coal being mined in area (Y/N) No but not sealed	C(-)			
is coal being mined in area (Y/N) NO DUI NOT Sealed	1		Reviewe	d by:

WR-35 Rev. 8/23/13

API 47- 051	01725	Farm	narne Berger		Well number 3H
PRODUCING	FORMATION	<u>(S)</u>	<u>DEPTHS</u>		
				_TVD	MD
·					
			• •		Teco:
					- CGIVE
Please insert ac	dditional pages a	s applicable.			TEST DFlow DPump
GAS TEST	o Build up	Drawdown	D Open Flow	OI	L TEST D Flow D Pump
SHUT-IN PRE	SSURE Surf	ace	_psi Botto	om Hole	L TEST D Flow D Pump Office of Oil and Gas psi DURATION OF TEST Finite Office of Oil and Gas Agent CAS MEASURED BY
OPEN FLOW	Gas	Oil	NGL	W	ater GAS MEASURED BY
	mcf	pd	bpd	_ bpd	bpd to Estimated to Orifice to Pilot
LITHOLOGY/	AOJ.	воттом	TOP	воттом	
FORMATION	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	DESCRIBE ROCK TYPE AND RECORD QUANTITYAND
	NAME TVD	TVD	MD	MD	TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC)
	0		0		
Durkard Group Send	160	169	160	169	Fresh Water 169'MD 1" stream
Pittaburgh Coal	830	837	630	837	Coal
Salt Sand	1538	1568	1540	1570	Gas Show @ 1550' 6101 units
Big Lime	1848	1928	1850	1930	Limestone: crm-wh, hd, crpxin
Burgoon (Big Injun)	1927	2117	1930	2120	SS:offwh, wh, cons, cir, trans, icems, fg-mg
Berea Sand	2507	2530	2510	2533	95; wh, cir, trans, ligy-gy, one, lond, mg-lg, abong-mg, any, maph, non-cuts, ir dar, and less out, fit adr, be
Marcellus Shale	6404	6440	6405	6440	Bit drags; m. Grings; immunity, gray, add to year the control to a solution pyr, well-bay; they into prediction in the control to the control
Oriskany	6657	6761	6658	6762	SS: gry-bm, trnst, med-fn gr, sbang-ang, calc mb, tr is, ir sh
Selina	7262	8209	7263	6210	Doi: med gry-brnsh gry, mdstn-pkstn. SALT: tms-ctr, xin, ehdrf.
Lockport	8209	8582	8210	8582	DOL: d gry-bik, med gry ip, wisstn-pkstn, vf xin-microxin, mass-mics:
Queenston	9109	9944	9110	9945	SH: rdsh gry, frm-sh hd, abblicy-amor, rgh-sity bd
Utica	10938	11066	11310	11696	SH: dk gry-v dk gry, eft - frm, abbiky-abpity, sily-all grity tid, mrly, all celc, ca
Point Pleasant	11066		11598		Shit bits-brahish, at him-tim, all is, obbits-subpity, or pa pry, at grey bit, dad - occ at gay ber, at case, v o
	ditional pages a	s applicable.			
Drilling Contra	CTOR SEE ATTAC	CHED			State Office Zip
_			City		State Office Zip
. 1001035		·	City		State Omo Zip 0 7 7023
Logging Compa	any				751
Address			City		State Wironmental Protection
Cementing Con	прапу				Environine
Address			City		StateZip
Stimulating Cor	mpany		_		
Address			City		State Zip
Please insert add	ditional pages as	applicable.	•		
Completed by	Jackie M. Schola	ar / Nicholas Sta	offieri		Telephone 724.564.3721 / 724.564.3715
Signature Chi	La Alek		Title Re	gulatory Compile	ance Team Lead Date 6/16/2015
/	draulic Fracturii				tach copy of FRACFOCUS Registry





Site Pictures Berger A 3H 47-051-01725

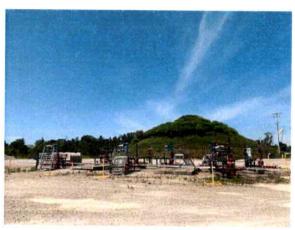
Office RECEIVED of Oil and Gas

SEP 0 7 2023

Environmental Protection



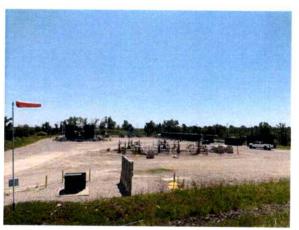
Berger A 3H Well Pad Site



Berger A 3H Well Pad Site



Berger A 3H Well Pad Site



Berger A 3H Well Pad Site

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



Berger A 3H Well Pad Site



Berger A 3H Well Pad Site

RECEIVED Office of Oil and Gas

SEP 0 7 2023

Berger A 3H Marshall Co., WV HZ Utica well API # 47-051-01725

DATE: 3/28/2023

CURRENT STATUS: (All Depths Based off GL)

30" conductor @ 48' Cemented to Surface
20" surface @ 301' Cemented to Surface
13 3/8" intermediate casing 1 @ 2,638.0' Cemented to Surface
9 5/8" intermediate casing 2 @ 8,501' Cemented to Surface

PLUG:

Bridge 1 (permanent) 5,257' - 5,258' Balanced 5,268 - 5,565' Bridge 2 (permanent) 5,567' - 5,568' Balanced 7,557 - 8,545' Balanced 8,584 - 9,365' Cement 10,320 - 11,355.5' Cement 11,358-11,993'

Total Depth: 11,994' TVD: 11,145.1'

Well is DUC currently Shut-in Production Casing: 0 psi Production Annulus: 0 psi Intermediate Annulus: 0 psi

Marcellus – 6357'-6456' Utica - 11, 320'-11,679' Elevation: 1,292' Water: 160-169'MD

Coal: 768-769', 784-785', 830-837', 1411-

1413', 1415-1418'. Brine Water: NA

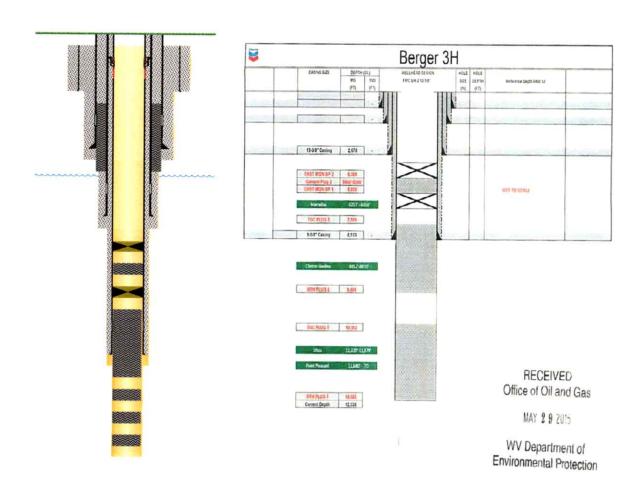
Oil: NA

Gas: 1540-1570'

RECEIVED
Office of Oil and Gas

SEP 0 7 2023

- 1. Notify Inspectors Strader Gower (304) 993 6188 prior to beginning operations.
- 2. Check and record pressure on all casing, notify engineer of recorded pressure.
- 3. Blow well down and/or kill if necessary.
- 4. Load well with Fresh Water.
- 5. Pressure test CIBP (hydrostatics 2538' w/hole full add 500 psig surface psi) and ensure leak-off is not more than 10% in 15 minutes per regulation.
- 6. RIH with segmented bond log and pull log CIBP to surface.
- 7. RIH to CIBP and pump Class A or CL cement plug from 5257'- 4757'. Let cement cure.(CIBP plug)
- 8. TIH with tubing to CIBP and pump 6% gel to 2738'
- 9. TIH w/tubing to 2738' set Class A or CL cement plug from 2738' to 2530' (100' below/above 13 3/8'' casing set depth).
- 10. TIH with tubing to cement plug and pump 6% gel to 1670'
- 11. TIH w/tubing to 1670' set Class A or CL cement plug from 1670' to 1190' (covers Elevation depth and all gas shows, part of the coal shows).
- 12. TIH with tubing to cement plug and pump 6% gel to 890'
- 13. TIH w/tubing to 890' set Class A or CL cement plug from 890' to 700' (part of the coal shows).
- 14. TIH with tubing to cement plug and pump 6% gel to 350'
- 15. PU and set 350' cement plug from 350' to surface (covers surface plug and fresh water show, 200' surface casing set depth).
- 16. Remove any surface wellhead equipment.
- 17. Cut, weld and cap well. Install 6" monument or greater per DEP regulation.



RECEIVED
Office of Oil and Gas

SEP 0 7 2023

1)	Date:	September 5, 2023	
2)	Operator's	Well Number	
Berg	er A 3H		

3) API Well No.: 47 -

051

01725

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 Attachment	5)	(a) Coal Operator Name Address	See Attachment	
(b) Name Address			NI.	ner(s) with Declaration See Attachment	
(c) Name Address			Name Address		
6) Inspector Address Telephone	Strader Gower 2525 West Alexander R Valley Grove, WV 26060 304-993-6188		(c) Coal Less Name Address		
(1) The ap well its (2) The pla The reason you However, you Take notice the accompanying Protection, withe Application	plication to Plug and and the plugging wor at (surveyor's map) shows received these docume are not required to take a nat under Chapter 22-6 of g documents for a permit the respect to the well at the same and the same are not required to the well at the same and the same are not required to the well at the same and the same are not required to the well at the same are not required to the well at the same are not required to the well at the same are not required to take a same a same are not required to take a	Abandon a Well on leading the well location that you have right action at all. The West Virginia Code to plug and abandon a whole location described on mailed by resistered.	Form WW-4B, which so on on Form WW-6. The regarding the application well with the Chief of the on the attached Application or certified mail or delivers.	sets out the parties involved in tion which are summarized in the perator proposes to file or has filed Office of Oil and Gas, West Virgin and depicted on the attached For yered by hand to the person(s) nai	instructions on the reverses side. If this Notice and Application and nia Department of Environmental and Notice and Application and the Department of Environmental and Notice and Application and the Notice and Application and Applicatio
ommonwealth of Pennsy Rebecca Shrum, N Beaver Co My commission expire Commission numb lember, Pennsylvania Ass	lotary Public unty s March 9, 2024 per 1267706	Well Operator By: Its: Address Telephone	EQT Production Compa Erin Spine Manager - Subsurface P 400 Woodcliff Drive Canonsburg PA 15317 (724) 271-7380		RECEIVED Office of Oil and Gas SEP 0 7 2023 WV Department of Environmental Protection
Subscribed and sw	20011		y of September	er 2023 Notary Public	
My Commission E Oil and Gas Privacy		March 9,202	24		

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. 10/06/2023



August 29, 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

Berger A 3H Well

Permit Number 47-051-01725 Clay District, Marshall 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

Office of Oil and Gas

SEP 0 7 2023

WV Department of Environmental Protection

Enc.



west virginia department of environmental protection

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 SECTION 14.1. AND LEGISLATIVE RULE 35CSR8 SECTION 20.1, RELATING TO THE CEMENTING OF OIL AND GAS WELLS))))	ORDER NO.	2022-13
	,		RECEIVED Office of Oil and Gas
			SEP 0 7 2023
REPORT OF TH	E OFFI	CE	WV Department of Environmental Protection

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 A cement, relating to the plugging of conventional wells.
- 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 West Virginia Code.
- 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.

 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

Office of Oil and Gas

SEP 0 7 2023

Berger A 3H & 7H WW-4A Attachment

Surface Owner(s):

The Berger Family LLC 157 Richmond Lane Glen Easton, WV 26039

Coal Owner(s):

Consol Mining Company LLC 275 Technology Drive, Suite 101 Canonsburg, PA 15317-9565

Coal Operator(s):

Marshall County Coal Company 46226 National Rd Saint Clairsville, OH 43950-8742

Consolidation Coal Company 275 Technology Drive, Suite 101 Canonsburg, PA 15317

RECEIVED Gas

SEP 0 7 2023





272

П

3,51

Total Postage and F

Street and Apt. No.,

City, State, ZIP+4*

PS Form 3800, A

41

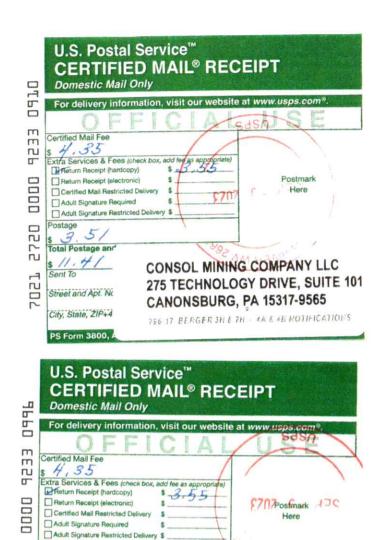
Ф

m

LI

0

7



Office of Oil and Gas

SEP 0 7 2023

WV Department of Environmental Protection

CANONSBURG, PA 15317

CONSOLIDATION COAL COMPANY

275 TECHNOLOGY DRIVE, SUITE 101

796 17 BERGER 3H & 7H . 4A & 4B NOTIFICATIONS

API Number	47 - 0	51	01725
Operator's We	II No.	Berger A	\ 3H

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company	OP Code 306686
Watershed (HUC 10) Grave Creek Quadr	angle Powhatan Point 7.5'
Do you anticipate using more than 5,000 bbls of water to complete the prop	oosed 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 a complete Underground Injection (UIC Permit Number Reuse (at API Number Off Site Disposal (Supply form WW-9 for dispondent of the Carplain	osal location)
Will closed loop systembe used? If so, describe:	
Drilling medium anticipated for this well (vertical and horizontal)? Air, fre	shwater, oil based, etc.
-If oil based, what type? Synthetic, petroleum, etc	DECEMEN -
Additives to be used in drilling medium?	Office of Oil and Gas
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc	
-If left in pit and plan to solidify what medium will be used? (cem	ent, lime, sawdust) WV Department et
-Landfill or offsite name/permit number?	Environmental Protection
Permittee shall provide written notice to the Office of Oil and Cas of any low West Virginia solid waste facility. The notice shall be provided within 24 how where it was properly disposed.	ad of drill cuttings or associated waste rejected at any ours of rejection and the permittee shall also disclose
I certify that I understand and agree to the terms and conditions of on April 1, 2016, by the Office of Oil and Cas of the West Virginia Depart provisions of the permit are enforceable by law. Violations of any term or corregulation can lead to enforcement action. I certify under penalty of law that I have personally examined a application form and all attachments thereto and that, based on my inquiry of the information, I believe that the information is true, accurate, and comp submitting false information, including the possibility of fine or imprisonment. Company Official Signature Company Official Title Manager - Subsurface Permitting	ment of Environmental Protection. I understand that the ondition of the general permit and/or other applicable law and am familiar with the information submitted on this f those individuals immediately responsible for obtaining etc. Lam aware that there are significant penaltics for
Subscribed and sworn before me this 5th day of September	Not ary Public Not ar

	atment: Acres Disturbed 1±	Preveg etation	рН
Lime 3	Tons/acre or to correct		
Fertilizer type (10	0-20-20) or equivalent		
Fertilizer amount_1	1/3 ton	lbs/acre	
Mulch_2		Tons/acre	
		Seed Mixtures	
Te	emporary		anent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Aslike Clover	5	Aslike Clover	5
Annual Rye	15		
Maps(s) of road, location, pierovided). If water from the L, W), and area in acres, of	pri will be land applied, proving the land application area.	application (unless engineered plans incluide water volume, include dimensions (L	iding this info have been , W, D) of the pit, and din
Maps(s) of road, location, pi provided). If water from the L, W), and area in acres, of	pri will be land applied, proving the land application area.	application (unless engineered plans incluide water volume, include dimensions (L	iding this info have been, W, D) of the pit, and din
Maps(s) of road, location, pi provided). If water from the L, W), and area in acres, of Photocopied section of invol	pit will be land applied, provithe land application area.	application (unless engineered plans incluide water volume, include dimensions (L	iding this info have been, W, D) of the pit, and din
Maps(s) of road, location, pierovided). If water from the L, W), and area in acres, of thotocopied section of involvant Approved by:	pit will be land applied, provithe land application area.	application (unless engineered plans incluide water volume, include dimensions (L	iding this info have been, W, D) of the pit, and din
Maps(s) of road, location, pin provided). If water from the L. W), and area in acres, of Photocopied section of involved Approved by:	pit will be land applied, provite land application area.	application (unless engineered plans incluide water volume, include dimensions (L	, W, D) of the pit, and dim
Maps(s) of road, location, pin provided). If water from the L. W), and area in acres, of Photocopied section of involved Approved by:	pit will be land applied, provite land application area.	application (unless engineered plans incluide water volume, include dimensions (L	HECEIVED Office of Oil and Gas
Maps(s) of road, location, pictorovided). If water from the (L, W), and area in acres, of Photocopied section of involved Approved by:	pit will be land applied, provite land application area.	application (unless engineered plans incluide water volume, include dimensions (L	Office of Oil and Gas
Maps(s) of road, location, pin provided). If water from the L. W), and area in acres, of thotocopied section of involvant Approved by:	pit will be land applied, provite land application area.	application (unless engineered plans incluide water volume, include dimensions (L	HECEIVED Office of Oil and Gas
Maps(s) of road, location, pin provided). If water from the L. W), and area in acres, of Photocopied section of involved Approved by:	pit will be land applied, provite land application area.	application (unless engineered plans incluide water volume, include dimensions (L	Office of Oil and Gas SEP 0 7 2023
Attach: Maps(s) of road, location, piprovided). If water from the (L, W), and area in acres, of Photocopied section of involved an Approved by: Comments:	pit will be land applied, provite land application area.	application (unless engineered plans incluide water volume, include dimensions (L	Office of Oil and Gas SEP 0 7 2023

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

HECEIVED
TO THE Oil and Gas

SEP 0 7 2023

appartment of mental Protection



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

API: 47-051-01725 WELL	NO.: Berger A 3H	
FARM NAME: Berger		
RESPONSIBLE PARTY NA		
COUNTY: Marshall		
QUADRANGLE: Powhatar	Point 7.5'	0
		Office RECEIVE
SURFACE OWNER: Gar ROYALTY OWNER: Gar UTM GPS NORTHING: 44	y & Linda Berger	Envir Uen 7 2023
UTM GPS NORTHING: 44	13868	Onmental Protection
UTM GPS EASTING: 520		
Accuracy to Datum – Data Collection Meth Survey grade GPS X Mapping Grade GPS	Zone: 17 North, Coordinate Use level (MSL) – meters. - 3.05 meters nod: : Post Processed Differe	Inits: meters, Altitude: Initial Intial Intial
Bu A Harry Signature	P.5. 2892 Title	7-26·23 Date

Topo Quad: Powhatan Point 7.5'

Scale:

1" = 2000'

County:

Marshall

Date:

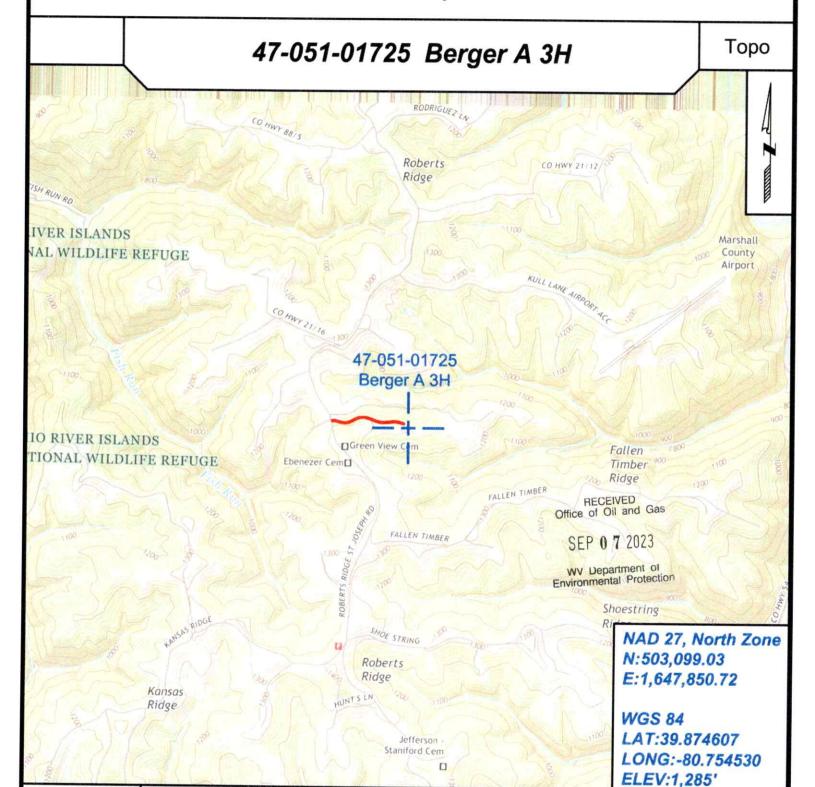
May 31, 2023

District:

Clay

Project No:

296-44-00-17





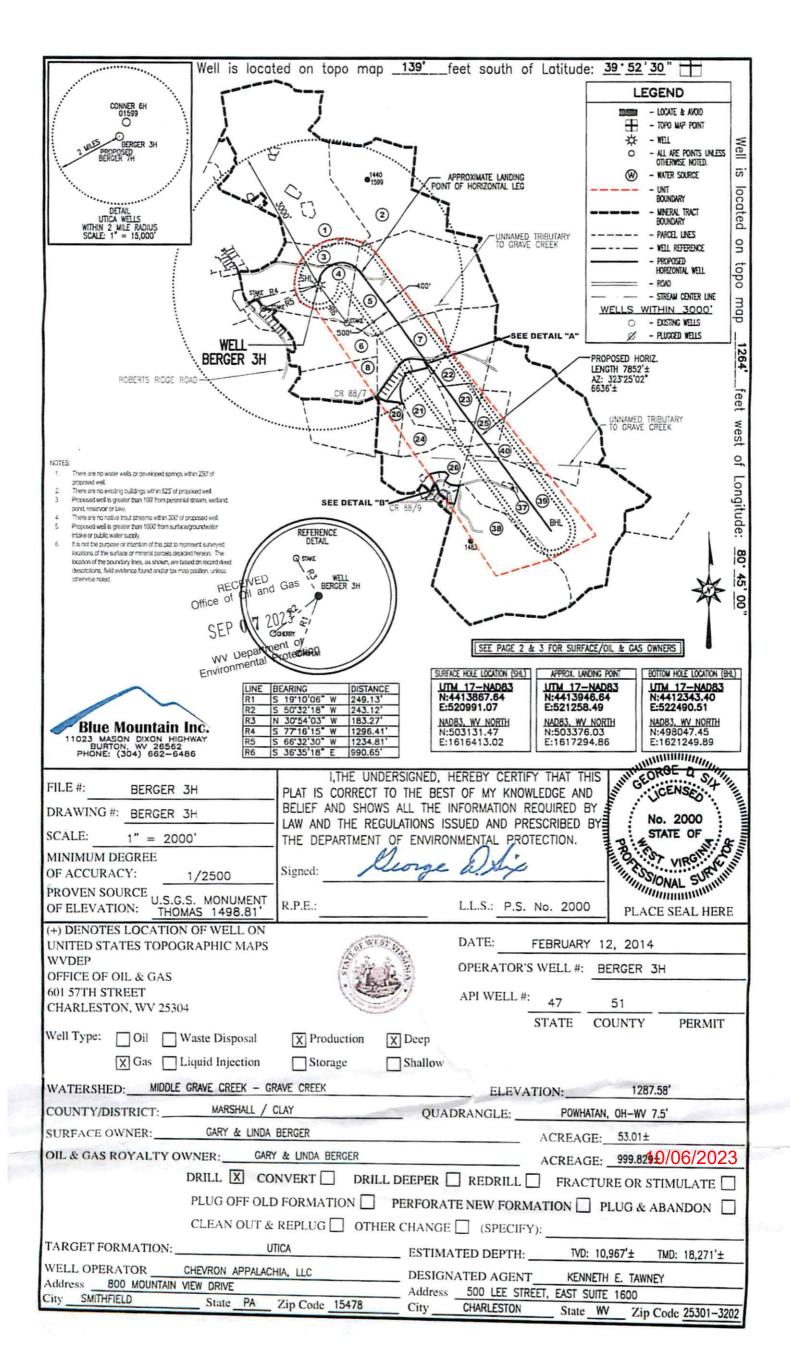
SURVEYING AND MAPPING SERVICES PERFORMED BY:

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 10/06/2023



ECS 8 1 NUL

Section to the reference of the sector of th

RECEIVED
Office of Oil and Gas

SEP 0 7 2023

API 47- 051	01725 Farm name_BergerWell number_Berger 3H								
CASING STRINGS	Hale Size	Casing Size		wor Grade sed w/fl	Ва	sket Did	ement circulate (Y/N) ovide details below		
Conductor									
Surface									
Coal									
Intermediate 1						·	· · · · · · · · · · · · · · · · · · ·		
Interpediate 2									
Intermediate 3							 		
Production									
Tubing									
Packer type and depth set									
Comment Details							<u> </u>		
CEMENT	Class/Type	Number	Slurry	Yield	Volume	Cement	woc		
DATA Conductor	of Cement	of Sacks	wt (ppg)	(ft ³ /sks)	(ሲ.)	Top (MD)	(hrs)		
Surface				ļ			 		
Coal		- 	<u> </u>						
Intermediate 1	•						+		
Intermediate 2		 	-		•	•			
Intermediate 3			· · · · · ·		·				
Production			•				 		
Tubing.		· · ·							
	tion penetrated P	oint Pleasant		gers TD (ft) g back to (ft)		SEP 0	EIVED Oil and Gas		
Kick off depth Check all wirel				4 * . 1/9		Environmer	artment of ntal Protection		
	-	neutron o	resistivity 🗆	deviated/direction		ction perature (1801	nic		
Well cored	Yes D No	□ Conventional	□ Sidewall	We	ere cuttings co	llected DYes	□ No		
DESCRIBE TH	E CENTRALIZI	ER PLACEMENT	USED FOR FA	CH CASING ST	TRING				
		<u> </u>							
				 -			· ·		
WAS WELL C	OMPLETED AS	SHOT HOLE C	Yes D No	DETAILS					
WAS WELL C	OMPLETED OP	EN HOLE? DY	es 🗆 No	DETAILS					
WERE TRACE	RS USED OY	es & No Ti	PE OF TRACE	R(S) USED					

API	47- 051	01725	Farm name Berger	Berger 3H
, KL .	"′ ——		1 BI III HOBBE	17 CII Bullioti

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
\vdash					
\vdash					
					-
					· · ·
<u> </u>			•		
	· ·	•	•		• • • • • • • • • • • • • • • • • • • •

Please insert additional pages as applicable.

RECEIVED .
Office of Oil and Gas

STIMULATION INFORMATION PER STAGE

SEP 0 7 2023

Complete a separate record for each stimulation stage.

WV Department of Environmental Protection

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppent (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
7.								
ļ					·-			
<u> </u>								

Please insert additional pages as applicable.

Page <u>5</u> of <u>5</u>

API: 47-051-01726	Well Name: Berger	Well Number: Berger 7H
· · · · · · · · · · · · · · · · · · ·		

DRILLING CONTRACTORS						
Driller	Driller	Driller	Driller			
Name Rocky Mountain Drilling	Name Highlands Drilling LLC	Name Nabors Drilling USA	Name			
185 North Vernal Avenue, Suite 2	900 Virginia Street East	Address 10100 NW 10th Street	Ardress			
City – Stein – Zip Vernal, UT 84078	Chy-Sun-Zip Charleston, WV 25301	Chy-State-Zp Oklahoma City, OK 73127	City - State - Zip			
Phone 435-789-3320	Phone 304-380-0114	Phone 405-324-8081	Prone			

RECEIVED Office of Oil and Gas

SEP 0 7 2023

SURFACE OWNER WAIVER

Operator's Well Number

Berger A 3H	
-------------	--

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, WV 25304 (304) 926-0450

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: RECEIVED Office of Oil and Gas

1) The proposed well work will constitute a hazard to the safety of persons.

2) The soil erosion and sediment control plan is not adequate or effective;

3) Damage would occur to publicly owned lands or resources:

4) The proposed well work fails to protect fresh water sources or supplies;

SEP 0 7 2023

WV Department of 5) The applicant has committed a substantial violation of a previous permit or a previous permit or a permit of a previous permit or a permit of a permit of a permit of a permit of a permit or a permit of a per or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I h objection to a permit being issue FOR EXECUTION BY A NATUETC.	ed on those materials.	e planned wo		se materials, and I have no ION BY A CORPORATION,
Signature	Date	Name By		
~-Banara		Its .		Date
			Signature	10/06/2023

API No.	17-051-01725
Farm Name	Berger
Well No.	erger A 3H

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	
has examined this proposed plugging v	work order. The undersigned has rell operator has complied with	/ of the coal under this well location no objection to the work proposed to be all applicable requirements of the West
Date:		
	By:	RECEIVED Office of Oil and Gas
	Its	
		WV Department of Environmental Protection



Via Email

September 5, 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 Berger A 3H API 47-051-01725 Clay District, Marshall County, WV

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

RECEIVED Office of Oil and Gas

SEP 0 7 2023



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

plugging permit issued 4705101726 05101725

1 message

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

Mon, Oct 2, 2023 at 10:00 AM

To: "Shrum, Becky" <BShrum@eqt.com>, "Zavatchan, John" <jzavatchan@eqt.com>, OPishioneri@eqt.com, Strader C Gower <strader.c.gower@wv.gov>, ebuzzard@marshallcountywv.org

To whom it may concern, plugging permits have been issued for 4705101726 05101725.

James Kennedy

WVDEP OOG

2 attachments



4705101725.pdf 3262K



4705101726.pdf 3047K