

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, September 11, 2023 WELL WORK PERMIT Horizontal 6A / New Drill

EQT PRODUCTION COMPANY 625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re:

Permit approval for RADCLIFF 18H

47-049-02515-00-00

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.

ames A. Martin

Chief

Operator's Well Number: RADCLIFF 18H

Farm Name: Jackie D & Sheila L Radcliff

U.S. WELL NUMBER: 47-049-02515-00-00

Horizontal 6A New Drill Date Issued: 9/11/2023

4704902515

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) 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

- This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE).
 Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled Water Well Regulations, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no
 later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who
 may have requested such analyses.
- 7. 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. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief
 or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
- 11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

API NO. 47
OPERATOR WELL NO. 18H
Well Pad Name: Raddiff

4704902515

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operator: EQT P	roduction Con	npany	306686	Marion	Mannington	Glover Gap
<u> </u>			Operator ID	County	District	Quadrangle
2) Operator's Well Numbe	r: <u>18H</u>		Well Pad	Name: Radol	iff	
3) Farm Name/Surface Ow	/ner: Jackie D. &	Sheila L. F	Radeliff Public Road	d Access: CR	4/4	
4) Elevation, current groun	id: 1,493' (bu	uilt) Ele	evation, proposed p	ost-construction	on: 1,493'	
5) Well Type (a) Gas	<u>X</u>	Oil	Unde	rground Storag	e	
Other						
(b)If Gas	Shallow 2	Χ	Deep			
	-	×				
6) Existing Pad: Yes or No	Yes					
7) Proposed Target Format Marcellus, 7,916', 78', 2,5), Antici	ipated Thickness ar	nd Expected Pr	essure(s):	
8) Proposed Total Vertical	Depth: 7,916'	·				
9) Formation at Total Verti	ical Depth: Ma	arcellus				
10) Proposed Total Measur	red Depth: 17	,988'				
11) Proposed Horizontal Le	eg Length: 8,5	538'				
12) Approximate Fresh Wa	iter Strata Deptl	hs:	460', 490', 621', 7	751'		
13) Method to Determine F	resh Water Der	oths: C	offset Wells - 049-021	184, 049-00699,	049-00168, (049-30339, 049-30238
14) Approximate Saltwater	Depths: 1,856	6', 2,127	", 2,247'			
15) Approximate Coal Scar	m Depths: 1.20	00'-1,20	6', 1,297'-1,304'	· 		
16) Approximate Depth to	Possible Void (coal mi	ne, karst, other): 💆	N/A		
17) Does Proposed well loo directly overlying or adjace			ns Yes	Non	X RECEIVED	d Gas
(a) If Yes, provide Mine I	info: Name:				AUG 0 9 20	123
	Depth:				V Departmen	
	Seam:			Envi	ronmental Pro	tection
	Owner:					

WW-6B	
(04/15)	

API NO. 47					
OPERATOR WELL NO.	18H	l			_
Well Pad Name: Raddiff	•				
470490	2	5	1	5	_

Kandell MKrichle

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A252 GR 3 Bare	85.6	40	40	50 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1354	1354	1230 ft^3 / CTS
Coal	1						
Intermediate	9 5/8	New	J-55	36	2721	2721	1050 ft^3 / CTS
Production	6	New	P-110	24	17988	17988	SOO above intermediate casing
Tubing	<u> </u>						
Liners						-	•

TYPE Wall Cement **Anticipated** Wellbore **Burst Pressure Cement** Size (in) Max. Internal Yield **Thickness** Diameter (in) (psi) <u>Type</u> Pressure (psi) (cu. ft/k) (in) Conductor 1.04 - 1.20 26 30 0.312 18 Class A/L 1000 Fresh Water 13 3/8 1.04 - 1.20 17 1/2 0.380 2730 2184 Class A/L Coal Intermediate 1.04 - 1.20 9 5/8 12 3/8 0.352 3520 2816 Class A/L Production 6 8 1/2 14580 11664 1.04 - 2.100.400 Class A/H/L Tubing Liners

PACKERS

Kind:	Other On and Gas
Sizes:	AUG 0 9 2023
Depths Set:	W Department of Environmental Protection

WW-6B	
(10/14)	

API NO. 47
OPERATOR WELL NO. 18H
Well Pad Name: Raddiff

4704902515

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

20) Describe fracturing stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 gsi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

- 21) Total Area to be alsourbed, including roads, stockpile area, pits, etc., (acres): 17.33 (built)
- 22) Area to be disturbed for well pad only, less access road (acres): 5.19 (built)
- 23) Describe centralizer placement for each casing string:
- Surface: Bow spring centralizers One centralizer at the shoe and one spaced every 500'.
- Intermediate: Bow spring centralizers— One centralizer at the shoe and one spaced every 500'.
- Production: One solid body centralizer spaced every other joint from production casing shoe to landing point. One solid body centralizer spaced every joint from landing point to planned top of cement.

24) Describe all cement additives associated with each cement type:

Conquetar: Crass A no additives

Surface: Cardium Chichiae, Juled to speed the setting of cement slurries

Intermodiate: Obigium Ontorioo. Used to speed the setting of cement slurries.

Production: Cardium Cardinalia. Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder,

Anti-Sawing/Suspension Agent

Office of Oil and Ses

25) Proposed borehole tenditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating the drill string AU at Buildings diminish at surface.

Intermediate: Circulate hole clean while rotating & reciprocating the drill Windowskings diminish at surface.

Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of dutings coming across the shakers every 15 minutes.

^{*}Note: Attach additional sheets as needed.



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 dep.wv.gov

March 18, 2014

Nabors Completion & Production Services Company 1380 Route 286 Hwy E #121 Indiana PA 15701

Re: Cement Variance Request

Dear Sir or Madam,

This agency is approving a variance request for the cement blend listed below to be used on surface and coal protection strings for the drilling of oil and gas wells in the state of West Virginia. The variance cannot be used without requesting its use on a permit application and approval by this agency:

Type 1 (2% Calcium Chloride-Accelerator, 0.25% Super Flake-Lost Circulation, 5.2% Water, 94% Type "1" Cement)

If you have any questions regarding this matter feel free to contact me at 304-926-0499, ext. 1653.

Sincerely

James Peterson

Environmental Resources Specialist / Permitting

Promoting a healthy environment

Office of Oil and Gas

AUG 19 2023



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 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)	ORDER NO.	2014 - 17
REGULATION 35 CSR § 4-11.4/11.5/14.1)		
AND 35 CSR § 8-9.2.h. 4/5/6/8 OF THE)		
THE OPERATIONAL)		
REGULATIONS OF CEMENTING OIL)		
AND GAS WELLS)		

REPORT OF THE OFFICE

Nabors Completion & Production Services Co. requests approval of a different cement blend for use in cementing surface and coal protection casing of oil and gas wells.

FINDINGS OF FACT

- 1.) Nabors Completion & Production Services Co. proposes the following cement blend:
 - · 2% Calcium Chloride (Accelerator)
 - 0.25 % Super Flake (Lost Circulation)
 - 94% Type "1" Cement
 - 5.20 % Water
- Laboratory testing results indicate that the blend listed in Fact No.1 will achieve a 500
 psi compressive strength within 6 hours and a 2,435 psi compressive strength within 24
 hours.

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CONCLUSIONS OF LAW

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

Pursuant to 35 CSR § 4-11.5 and 35 CSR § 8-9.2.h.8 the Chief of the Office of Oil and Gas may approve different cement blends upon the well operator providing satisfactory proof that different cement types are adequate.

ORDER

It is ordered that Nabors Completion & Production Services Co. may use the cement blend listed in Findings of Fact No.1 for the cementing of surface and coal protection casing of oil and gas wells in the State as may be requested by oil and gas operators. The waiting time on the cement blend shall be 8 hours. The cement blend shall be mixed in strict accordance with the specifications for each blend and weight measurements made on-site to assure the cement slurries meet the minimum weight specifications. A sample shall be collected and, if after 8 hours the cement is not set up, additional time will be required. Nabors Completion & Production Services Co. shall keep a record of cement blend jobs in which the cement blend approved under this order is to be used and made available to the Office of Oil and Gas upon request.

Dated this, the 18th day of March, 2014.

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

AUG 09 2023

AUG Department of Environmental Protection



EQT PRODUCTION COMPANY 400 Woodcliff Drive | Canonsburg, PA 15317

July 27, 2023

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

Re: Casing on Radcliff 18H

Dear Mr. Brewer,

The 13-3/8" surface casing will be set at 1,354' KB, 50' below the deepest workable coal seam, 603' below the deepest fresh water.

The 9-5/8" intermediate string will be set at 2,721' KB, 50' below the base of the Big Injun formation.

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 Ges

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AUG 19 2023



July 27, 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

Radcliff 18H Well

Mannington District, Marion 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 35CSR8, Section 9.2.h.8, 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

AUG 09 2023

AUG 09 2023

Environmental Protection



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)	ORDER NO.	2022-14
SECTION 11.5 AND LEGISLATIVE RULE)		
35CSR8 SECTION 9.2.h.8.,)		
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 construction.

FINDINGS OF FACT

- On July 14, 2022, Northeast Natural Energy (NNE) submitted a variance request from Legislative Rule 35CSR8 Section 9.2.h.8., for the use of API Class L cement in place of API Class A cement, relating to the construction of horizontal wells.
- 2. Laboratory analysis submitted by NNE on July 14, 2022, indicates API Class 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 entropy variance to Legislative Rule 35CSR4 Section 11.5., for the use of API Class I Decimal in place of API Class A cement, relating to the construction of vertical wells with one of the construction of vertical wells with the construction of vertical well well well as a construction of vertical well as a c

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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 construction 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

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WEST VIRGINIA GEOLOGICAL PROGNOSIS

GLO176 S-000118

Drilling Objectives:

Marcellus Marion

County: Quad:

Glover Gap

Elevation: Recommended Azimuth

1506 KB 149.5 Degrees 1493 GL

Recommended LP to TD: TBD

ESTIMATED FORMATION TOPS

Formation	Top (TVD)	Base (TVD)	Lithology	Comments	Top RR	Base RR
Fresh Water Zone	1	906		FW @ 460,490,621,751.	1118	8 1118
Sewickley Coal	1200	1206 C	Coal			
Pittsburgh Coal	1297	1304 C	Coal	Not mined. TransEnergy reported depth at 1200' on 1H and 2F	GL Elevation	
Big Lime	2470	2543 L	imestone	SW @ .1856,2127,2247		
Big Injun	2543	2671 5	andstone			
Int. csg.pt	2721					
Berea	2786	3361 5	andstone	Not shown within Storage		
Gordon	3361	3523 S	ilty Sand			
Bayard	3523	5964 S	ilty Sand	Base of Offset Well Perforations at 5870' TVD		
Alexander	5964	6409 S	ilty Sand			
Elks	6409	7350 C	Gray Shales and Silts			
Sonyea	7350	7546 C	iray shale			
Middlesex	7546	7600 S	hale			
Genesee	7600	7699 C	iray shale interbedded			
Geneseo	7699	7739 B	Black Shale			
Tully	7739	7769 L	imestone			
Hamilton	7769	7872 C	iray shale with some			
Marcellus	7872	7949 B	Black Shale			
Purcell	7916	7918 L	imestone			
-Lateral Zone	7916			MRC2 Target		
Cherry Valley	7929	7931 L	imestone	15.77.20.000.00.00.00		
Onondaga	7949	L	imestone			

Target Thickness	78 feet	
Max Anticipated Rock Pressure	2593 PSI	

Comments:

Intermediate casing point is recommended beneath the Big Injun to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.

Fresh Water/Coal	CSG OD	13 3/8
Intermediate 1:	CSG OD	9.5/8
Production:	CSG OD	5 1/2

RECEIVED 50° Below Pittsburgh 50° Below Big Injun
Office of Oil and Gas Planned Depth GL CSG DEPTH: 1354 CSG DEPTH: CSG DEPTH: @ TD WAR 6 8 5053 goartment of avarument of Protection

Wellbore Diagram **EQT Production** County: Well: Radcliff 18H Marion Pad: Radcliff State: West Virginia Elevation: 1493' GL 1506' KB 4704902515 Conductor @ 40' 26", 85.6, A252 GR3 Bare, cement to surface w/ Class A/L Surface 1,354 @ 13-3/8", 54.5#, J-55, cement to surface w/ Class A/L 2,721' Intermediate @ 9-5/8", 36#, J-55, cement to surface w/ Class A/L RECEIVED ORDS MIG 0 9 5053 Win Department of Department of Department of Protection
17,9880 MD / 7,916' TVD Production @ 6", 24#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L Formation: Marcellus 09/15/2023

NOT TO SCALE

EQT Production

Hydraulic Fracturing Monitoring Plan

Pad ID: Radcliff

County: Marion

July 27, 2023

RECEIVED Gas

AUG 0 9 2023

W Department of Environmental Protection

Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Marion County, WV prior to hydraulic fracturing at the following EQT wells on the Radcliff pad: 4H, 6H, 8H, 10H, 12H, 14H, 16H and 18H.

Due to the requirements under 35CSR8 5.11, the permittee is required to review the area surrounding the proposed well pad so as to identify and evaluate potential conduits for unintended fracture propagation.

A report is required to be submitted along with a well work permit application.

The plan is being implemented as an additional safety measure to be utilized in conjunction with existing best management practices and emergency action plans for the site. These additional measures include coordination with well operators of the timing and location of the hydraulic fracturing, establishment of measures well operators should implement, and assurance that the OOG is notified of the timeline, as well as any issues that may arise during fracturing.

1. **Communications with Well Operators**

EQT, using available data (WV Geological Survey, WVDEP website, and IHS data service), has identified all known wells and well operators within 500 feet of this pad and the lateral sections that are known or could reasonably be expected to be within range of the fracture propagation. A map showing these wells along with a list of the wells and operators is included in Attachment A.

EQT will notify these operators of the hydraulic fracturing schedule for these wells, and coordinate with them throughout the fracturing process.

EQT will recommend to these operators at a minimum to:

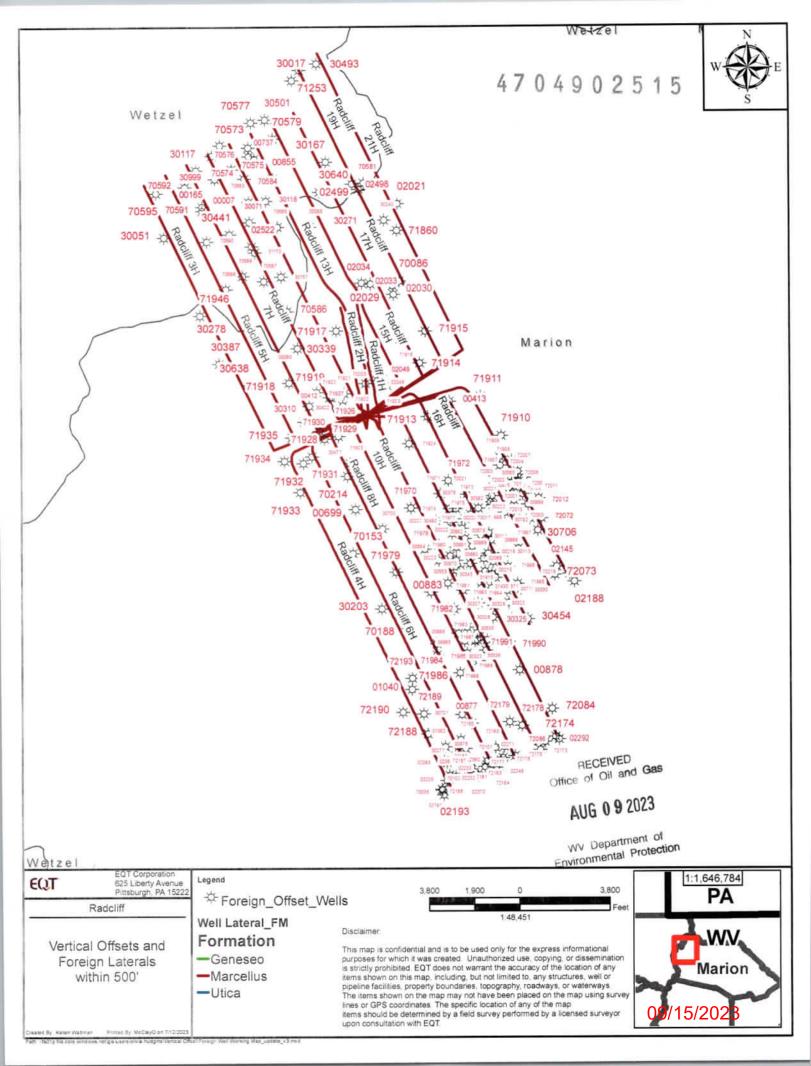
- 1. Inspect their surface equipment prior to fracturing to establish integrity and establish prefrac well conditions
- 2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
- 3. Inspect or install master valves or other necessary equipment for wellhead integrity capable of a pressure recommended by EQT
- 4. Notify the OOG and EQT if any changes in water, gas production, pressure, or other anomalies are identified

2. Reporting

Office of Oil and Gas EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediatel with event of any WV Department of noted abnormalities. Environmental Protection

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39 5075460 -80,4475720

1264.2750 ESTIMATED

1347.9632 ESTIMATED

GAS PROPERTIES

OR WALTER COMPLETED

UNKLPORTCO-UNMIPORTED

MARGINETER HARMONE PER

INMERORIED UMREFORIED

UMAEPORTEO-UNREPORTED

INNEPONTED-UNREPONTED

WATER-COMPLETED

OR & GAS-MACTIVE COMPLETED

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/1926	47 049 71926 01401	(N/A)	UNE PORTED	UNIM PORTUGO	[N/6]	10.5858220	80 44395.50	1117 4349 TSTIMARTO	12.0	OO LDIETIN	UNREPOSITE WIRE CORTED
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07705		CONSOLUTION COMPANY	PBA	COT ent R	CONSCIPOATION OF DALL CHAPARY	19.5458370	40 4766010	2009 6450 (STIMATED	41.41	D.D. SNODGRASS TOMMEN 5750	OTHERPA
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01430		ROSS AND WHARTON GAS COMPANY, MY	FBA	OTHER	ROSSEWHARION CASTO	39.5680310		1276 5150 FSTMAIED	00	PO (! BASTONG	OTHER P & A
10401	47 049 30203 00 00	LACRLENGER	UNREPORTED	UMAL POATED	L & DILIENGER	19 5657360		1384,35 70 657464160	0.0	GO SARAN E HAYS	CHREPORTED WHITEORTED
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/1924	47 049-71924 00 00	RP	NIMREFORTED	UNAVPORTEC	HOPE NATURAL GAS COMPANY	39 5347350		HOLATS ESTEMATED	00	0.0 Joi DE MURRAY	UNHEPURALDAPAREPORTED
V0088	47-049-00068-00-00	PITTSBURGH & WV GAS	P64	DMY FROIT	OPERATOR VALENDIAN			1238.0450 (STIMARED		4462.0 FURBEE AARON 5763	DAY HOLE P & A



WW-9 (4/16)

API Number 47 -	
Operator's Well No.	Radcliff 18H

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) Bartholomew Fork Quadrangle Glover Gap	
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes	No
Will a pit be used? Yes No V	
If so, please describe anticipated pit waste: N/A	
Will a synthetic liner be used in the pit? Yes No If so, what ml.? N/A	
Proposed Disposal Method For Treated Pit Wastes:	
Land Application	
■ Underground Injection (UIC Permit Number 0014, 8462, 4037 ■ Reuse (at API Number Various	
Off Site Disposal (Supply form WW-9 for disposal location)	
Other (Explain_	
Will closed loop system be used? If so, describe: Yes, The closed loop system will remove drill cuttings from the drilling then prepared for transportation to an off-site disposal facility. Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.	
-If oil based, what type? Synthetic, petroleum, etc. Synthetic Mud	
Additives to be used in drilling medium? See Attached	
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Landfill	
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A	
-Landfill or offsite name/permit number? See Attached List	
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee it was properly disposed.	ted waste rejected at any nittee shall also disclose
Company Official Signature AU	formation submitted on this metallately agesponsible for records there are significant
Company Official (Typed Name) John Zavatchan	nmental Protection
Company Official Title Project Specialist - Permitting	MMARIE E
Subscribed and sworn before me this 27th day of July , 20 23	Commonwealth of Pennsylvania - Notary Seal
My commission expires March 9, 2624 Notary Public	Rebecca Shrum, Notary Public Beaver County My commission expires March 9, 2024 Commission number 1267706 Member, Poly 1267260 of Netaries

WW-9 Attachment

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.

 Air is used to drill the top-hole sections of the wellbore (surface, intermediate, and pilot). Water based mud may be necessary depending on hole conditions to stabilize and drill the intermediate section. The pilot hole, curve, and lateral sections will be drilled with either air, water based mud, or synthetic mud.

Additives to be used in drilling medium?

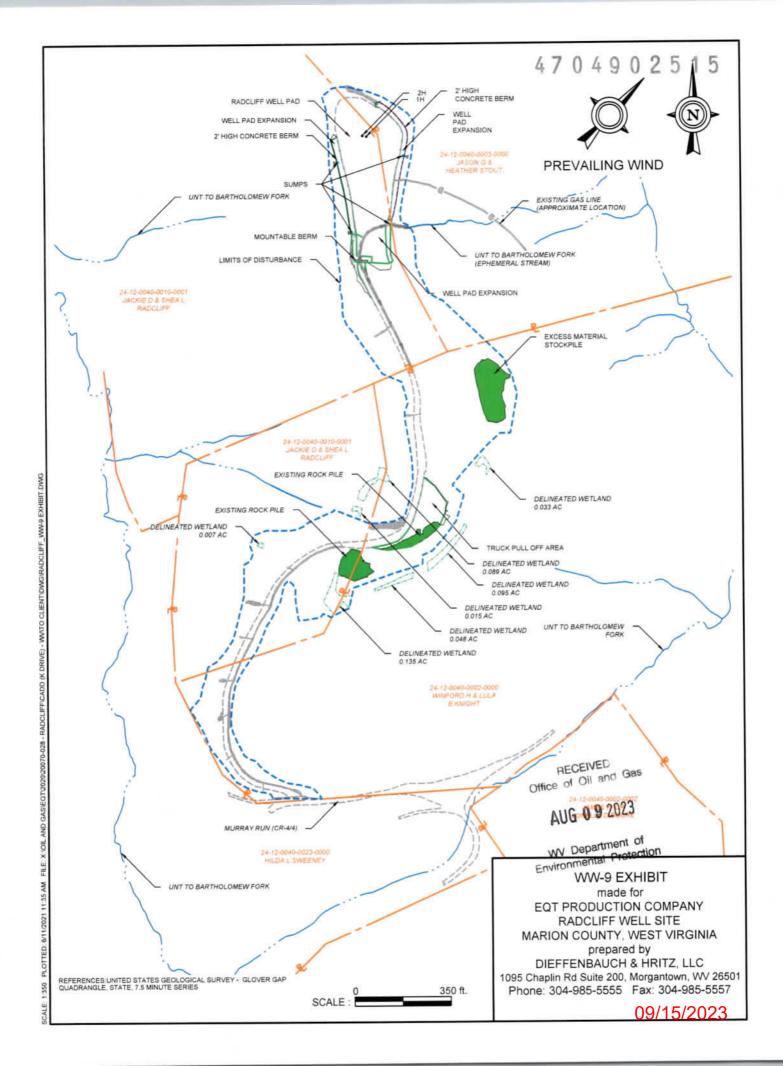
- Air biodegradable oil lubricant, detergent, defoaming, water.
- Water based mud Barite, viscosifer, alkalinity control, lime, filtration control, deflocculates, biodegradable oil lubricant, defoaming, walnut shell, salt, x-cide, carbonates.
- Synthetic mud synthetic base oil, emulsifier, salt, lime, viscosifer, alkalinity control, filtration control, deflocculates, biodegradable oil lubricant, defoaming, carbonates.

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ronosed Revegetation Treat	ment: Acres Disturbed	Prevegetation pH	
	Tons/acre or to correct		
Fertilizer type Gra		_	
Fertilizer amount_5		lbs/acre	
		Tons/acre	
		C. J.Mintones	
		Seed Mixtures Perma	nent
	mporary	-	lbs/acre
Seed Type KY-31	lbs/acre 40	Seed Type Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
	15	7 1101110 0101	
Annual Rye			
rovided). If water from the creage, of the land applicati	pit will be land applied, incl ion area	application (unless engineered plans included dimensions (L x W x D) of the pit, and	ding this info have b dimensions (L x W
Maps(s) of road, location, pirovided). If water from the creage, of the land application that the creage is the land application of the land approved by: Plan Approved by: Pre-seed/	pit will be land applied, inclion area lved 7.5' topographic sheet. /mulch all disturbe	ed areas as soon as reasona	ably possible
Maps(s) of road, location, pirovided). If water from the creage, of the land application that the creage is the land application of the land approved by: Plan Approved by: Pre-seed/	pit will be land applied, inclion area lved 7.5' topographic sheet. /mulch all disturbe	uclus	ably possible
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		EQT Pr	EQT Production Water Plan						
		Offsite Dispos	Offsite Disposals for Unconventional Wells	H Wells					
Facility Name	Address	Address 2	αħ	State	ζįb	Phone	County	State	Permit Number
CWS Trucking Inc.	P.O. Box 391		Williamstown	≩	26187	740-516-3586	Noble	OH	3390
Broad Street Energy 11 C	32 West Smad Street	Cuite 1100	Columbia	ŧ	43215	740.516.5381	Washingoto	E	2467
0		2000				1000 010 011		5	7010
LAD Uquid Assets Disposal Inc.	226 Rankin Road		Washington	Ą	15301	724-350-2760 Ohio	Ohio	WV	USEPA WV 0014
Triad Energy	PO Boy 430		Bano	2	45773	740-616-6031	o Hold	ē	4037
48.5	OCE YOU OL		nearo	5	6//6	1700-015-04-7	NODE	5	/com
						0462-14-Chb/			
Tri County Waste Water Management, Inc.	1487 Toms Run Road		Holbrook	æ	15341	724-627-7178	Greene	PA	TC-1009
						724-499-5647			
King Excavating Co. Advance Waste Services	101 River Park Drive		New Castle	A A	16101		Lawrence	PA	PAR000029132
Waste Management - Meadowfill Landfill	Rt. 2, Box 68 Dawson Drive		Bridgeport	×	16330	304-326-6027	Harrison	wv	SWF-1032-98
									Approvat #100785WV
Waste Management - Northwestern Landfill	S12 E. Dry Road		Parkersburg	š	26104	304-428-0602	Wood	WV	SWF-1025 WV-0109400
APEX Landfill	11 County Road 78	PO 80x 57	Amsterdam	3	43903	740-543-4389	lefferson	ЮН	06-08438
Advanced Disposal - Chestnut Valley Landfill	1184 McClellandtown Road		McClellandtown	Ą	15458	724-437-7336	Fayette	PA	100419
				ļ,					
Westmoreland Sanitary Landfill	901 Tyrol Boulevard		Belle Vernon	ΡA	15012	724-929-7694	724-929-7694 Westmoreland	ΡΑ	100277
Austin Master Services	801 North 1st Street		Martins Ferry	푱	43935	740-609-3800	Belmont	Ю	2014-541
Belmont Solids Control	77505 Cadiz-New Athers Road		Cadiz	₹	43907	740-942-1739	Harrison	Ю	2015-511
Diversified Resources	3111 Braun Rd.		Belore	ŧ	45714	740-401-0413	Washington	H	
						200 000 000	0		
Off			Coshocton	푱	43812	740-610-1512		#5	34-031-27177 34-031-27178
	23986 Airport Road					724-591-4393	Coshocton		34-031-27241
11	728333 West Belpre Pike		Coolville	æ	45723	304-488-0701	Athens	OH.	
	F#								
- 1	1.0555 Veto Road		Belpre	ᇹ	45714	330-232-5041	Washington	동	34-119-2-8776
- 1	9350 Fact Pike Road		Norwich	Ę	43767	130.232.5041	Muskingum	=	34.167.7.3862
of ctiv	2000 300 1000 0000			_		1600-2017-000		5	24.TO - 7-2007
Nuverra - Wolf 36	5480 State Route 5		Newton Falls	동	4444	330-232-5041 Trumbuil	Trumbut	동	34-155-2-1893
Nuverra - Pander	5310 State Route 5		Newton Falls	푱	4444	330-232-5041 Trumbull	Frumbuil	. ₩	34-155-2-3795
Nuverra - AnnaRock D-1	3549 Warner Road		Fowler		44418	330-232-5041 Trumbull	Trumbull	H	34-155-2-2403
				_					

		Reno	æ	45773	740-374-2940		Н	
FQ Helen	199 Bowersock Road				740-236-2135 Washington	Washington		34-167-2-9577
C Davisor	DOSON MANAGEMENT	Dexter City	ŧ	45727	740-374-2940 412-443-4397 740-336-3436 Mobile	N N	. 8	34-121-24037
ול הביונו	במספר ואופו וכנופ טמי				CC17-0C7-0+/	PIGON		00047-771-45
FQ.Ritchie	122 Lanesome Pine Rd	Ellenboro	¥	26346	740-374-2940 412-443-4397 740-236-2135 Ritchie	Ritchie	AW.	47-085-09723
		Postava	ŧ	02770	740-374-2940		=	34-105-2-3619 34-105-2-3652
FQ Mills	53610 TS Rd 706		5		740-236-2135	Meigs	5	34-105-2-3651 34-105-2-3651
Petta Enterprises - OH	745 North 3rd Street	Cambridge	용	43725	614-477-1368	Guernsey	Æ	Ohio Chiefs Order 25-019
Petta Enterprises - WV	38 Technology Dr.	Tridelphia	A.	26059	740-255-5727 Ohio	Ohio	w	
Deep Rock Disposal	2341 OH-821	Marietta	Ю	45750	45750 304-629-0176 Washington	Washington	동	34-167-2-9766

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SITE SAFETY AND ENVIRONMENTAL PLAN

Radcliff Well Site

Mannington Marion County, WV

Wells: 1H - 47-049-02281, 2H - 47-049-02282, 4H, 6H, 8H, 10H, 12H- 47-049-02510, 14H, 16H, 18H

Prepared By: Donny Prater, CSP, Health and Safety Sciences, LLC

Approved By: Scott M. Held, Senior Safety Coordinator

Created Date: 8-Apr-21

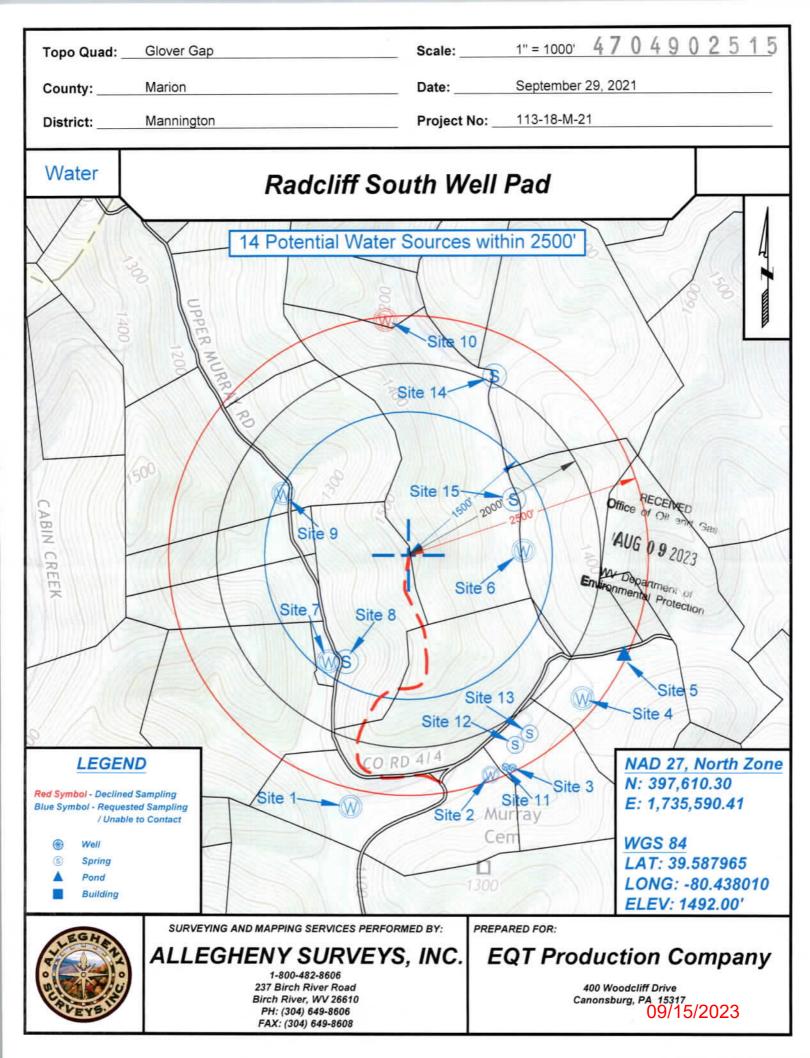
John Zavatchan

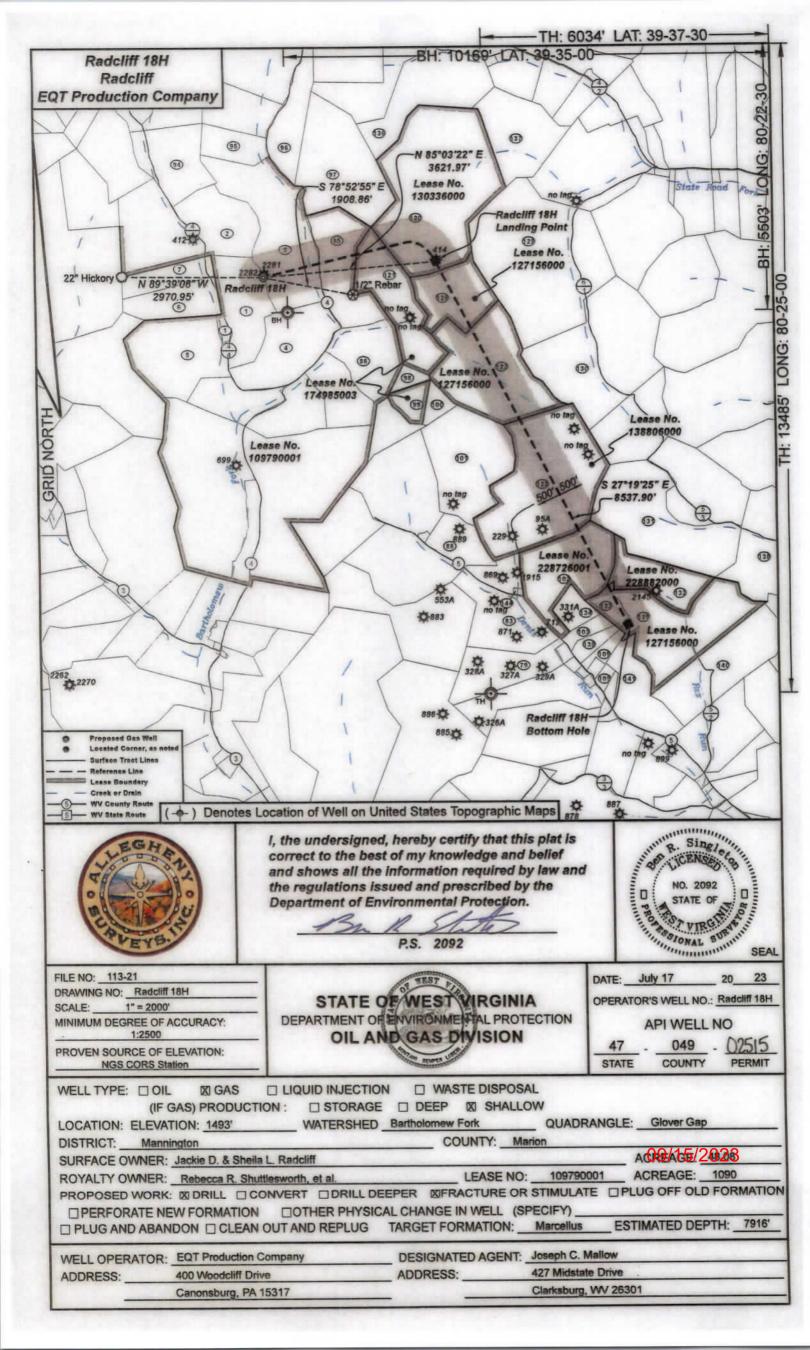
Project Specialist - Permitting **EQT Production Company**

ohn F Zavatchan (

Randall M. Kirchberg Digitally signed by Randall M. Kirchberg Street 2023.08.03 15:50:13 -04'0

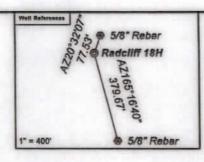
Oil and Gas Inspector WVDEP Office of Oil and Gas





Radcliff 18H Radcliff **EQT Production Compan**

ract L.D. T	ax Map No.			Surface Tract Owner	Acres
1	40	10.1	Marion Mannington	Jackie D. & Shelfa L. Raddiff	48.06
2	40	10	Marion Mannington	Shelly L Nelson	43.03
3	40	2	Marion Mannington	Jason G. & Heather R. Stout	99.75
4	40	2	Marton Mannington	tula B. Knight	56.32
5	40	11	Marion Mannington	Clarence W. Sweeney	63
6	40	12	Marion Mannington	Inchie O. & Shella L. Radcliff	27.35
7	40	13	Marion Minnington	Shelly L. Nelson	19.75
29	38	19	Marion Mannington	Dorothy D. Hendershot	38.246
83	38	20	Marion Mennington	Dennis G. & Louise M. Haves	59.24
55	26	16	Marion Mannington	Jason G. & Heather R. Strut	48.12
86	39	2	Marion Mannington	Luia B. Knight	43.39
85	38	21.1	Marion Mannington	Ronald & Jean Hayes	21.55
54	40	9	Marion Mannington	Karl A. Gousd	35.32
95	40	4	Marion Mannington	EBX-EMULC	20.8
96	MA	NA	Marion Mannington	Tex Info Not Available	MA
97	26	15	Marion Mannington	Jason G. & Michelle R. Stout	91.9
98	39	15	Marion Mannington	Jason G. & Michelle R. Stout	7.5
99	26	17	Marion Mannington	Jason G. & Michelle R. Stout	57
100	39	16	Marion Mannington	Jason G. & Michelle R. Stout	7.351
101	39	7	Marion Mannington	Dennis Market & John Pheasant	84
102	38	9	Marion Mannington	Dennis Market & John Pheasant	62.5
103	39	11.2	Marion Mannington	Michael F. & Kerri Bershy	7.01
109	39	11.3	Marion Mannington	Xerri F. & Michael F. Berthy	9.11
120	25	12	Marion Mannington	EBX-EMILC	152.25
121	26	17	Marion Mannington	Jason G. & Michelle R. Stout	57
122	39	1	Marion Mannington	Albert C. Woods Helrs	90.6
123	39		Merion Mannington	Dennis Market & John Pheasant	128.63
128	26	18	Marion Mannington	EBX-EMILC	41
129	26	3	Marion Mannington	Thomas C. Carpenter, et al.	150.99
130	25	2.1	Marion Mannington	Larry Golf	160.0
131	28	19	Marion Mannington	Nickey C. Bennett	94.12
132	39	14	Marion Mannington	Lee R. & Sherri L. Taylor	36.09
133	39	13.1	Marion Mannington	Michael F. & Kerri Berthy	9.26
134	39	10	Marion Mannington	Dennis Markel & John Pheasant	12.17
135	39	11	Marion Mannington	Michael F. & Kerri Berrity	7
136	26	11	Marion Mannington	EBX-EMILC	92
137	26	5	Marion Mannington	EBX-EMILC	60
138	28	20	Marion Mannington	Sportsmans Square Circle Club Inc.	102.8
139	39	13	Marion Mannington	Lee R. & Sherri L Taylor	86.49
140	36	1	Marion Mannington	Lee R. & Sherri L. Taylor	67,35
141	39	12	Marion Mannington	Lynn E. Sturm	40.19
144	38	20.1	Marion Mannington	Donald Majone	05



Notes: Radcliff 18H coordinates are NAD 83 N: 397,653.47 E: 1,704,133.22 NAD 83 N: 397,953.47 E: 1,704,133.22

NAD 83 Lat: 39.587980 Long. -80.438077

NAD 83 UTM N: 4,382,179.40 E: 548,252.78

Radcillf 18H Landing Point coordinales are

NAD 83 N: 397,955.51 E: 1,707,741.71

NAD 83 Lat: 39.588939 Long. -80.42585

NAD 83 UTM N: 4,382,292.85 E: 549,350.56

Radcillf 18H Bottom Hole coordinates are NAD 83 UTM N: 4,382,292.85 E: 549,350.56
Radcliff 18H Bottom Hole coordinates are
NAD 83 N: 390,390.50 E: 1,711,680.74
NAD 83 Lat: 39.588939 Long: -80.425285
NAD 83 UTM N: 4,380,001.81 E: 550,583.12
est Virginia Coordinate system of 1927 (North Zone)
based upon Differential GPS Measurements.
Plat orientation, corner and well ties are based upon
the grid north meridian.
UTM coordinates are based upon the grid north
meridian.
UTM coordinates are NAD83, Zone 17, Meters.

Radcliff

Radcliff 18H @

Redciiff 16H @

Radcliff 14H @

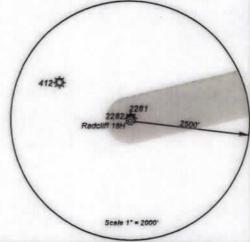
Radcliff 12H (6)

Radcliff 10H @

Radcliff 8H @ Radcliff 6H @

Radcliff 4H 1

Lease No.	Owner	Acres
109790001	Rebecca R. Shuttlesworth, et al.	1090
174985003	Country Roads Minerals, LLC, et al.	59
130336000	Beverty N. Nicklaus, et al.	152.25
127156000	EQT Production Company, et al.	40.75
127156000	EQT Production Company, et al.	97.25
138806000	Nancy Ellen Dennison, et al.	129
228726001	Bounty Minerals, LLC	62.5
228882000	Bounty Minerals, LLC	36.09
127156000	EQT Production Company, et al.	95.75





I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

> 11 P.S. 2092

- 2000'

Single Address of the Control of the Contr NO. 2092
STATE OF DESCRIPTION OF THE PROPERTY SEAL

FILE NO: 113-21	4202				
DRAWING NO: Radcliff 18H	03 1801				
SCALE: 1" = 2000'	STATE OF WEST VIRGINIA				
MINIMUM DEGREE OF ACCURACY: 1:2500	OIL AND GAS DIVISION				
PROVEN SOURCE OF ELEVATION: NGS CORS Station	- OIL AID GAO OIL ISION				

DATE: July 17 OPERATOR'S WELL NO .: Raddiff 18H

API WELL NO

049 02515 COUNTY PERMIT

	ODUCTION: STORAGE	□ DEEP 🖾 SHALLO	OW QUADRANGLE: Glover Gap
SURFACE OWNER: Jackie D.	& Sheila L. Radcliff	COUNTY. Mia	ACREAGE 5/48.083
ROYALTY OWNER: Rebecca	a R. Shuttlesworth, et al.	LEASE NO:	109790001 ACREAGE: 1090
	L CONVERT DRILL DEE		STIMULATE PLUG OFF OLD FORMATION PECIFY)
	CLEAN OUT AND REPLUG		
WELL OPERATOR: EQT Pro	duction Company	DESIGNATED AGENT:	Joseph C. Mallow
ADDRESS: 400 Woo	dcliff Drive	ADDRESS:	427 Midstate Drive
Canonsb	urg, PA 15317	THE RESERVE OF THE PERSON NAMED IN	Clarksburg, WV 26301

47 () 49 () 25 15 INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that ! am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease i	Name	or
Mini	mhan	

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See Attached

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

RECEIVED

Office of Oil and Gas

WV Division of Water and Waste Management

WV Division of Natural Resources WV Division of Highways

• U.S. Army Corps of Engineers

• U.S. Fish and Wildlife Service

• County Floodplain Coordinator

AUG 0 9 2023

WV Department of Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: EQT Production Company John F Javatchan John Zavatchan

Its:

Project Specialist - Permitting

Page 1 of <u>4</u> 09/15/2023

	_							·
Lease No.	Grantor, Lessor, etc.		Acr	es	Grantee, Lessee, etc.	Royalty	Book/Page	_
	Rebecca R. Shuttlesworth, et al.					"at least 1/8th per WV Code 22-6-8"		
<u>1007.88094</u>	Oubecou R. Chutth, swerth, Power of Att for Robert Lie Owinn, Sr., Widower Austrian Chals Development, Inc. Republic Partners VIII, LLC Republic Energy Ventures, LLC American Shale Development, Inc.	demey		10 9 0 ac	American Shale Development, Inc. Republic Energy Ventures, LLC Republic Partners VIII, LLC EQT Production Company EQT Production Company		DB 1117/329 AB 47/469 AB 51/525 DB 1228/1	Confirmatory Deed
174985003	Country Roads Minerals, LLC, et al. Country Roads Minerals, LLC			59 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1291/535	,
<u>130336000</u>	Beverly N. Nicklaus, et al., Beverly N. Nicklaus, Harry N. Nicklaus and Valerie N. Hval American Shale Development, Inc. Republic Partners VIII, LLC			152.25 ac of 04.42 ac lease	American Shale Development, Inc. Republic Energy Ventures, LLC Republic Partners VIII, LLC	"at least 1/8th per WV Code 22-6-8"	DB 1147/508 AB 47/469	
	Republic Energy Ventures, LLC, et al. American Shale Development, Inc., et al.	ll.			EQT Production Company EQT Production Company		AB 51/525 DB 1228/1	
	EQT Production Company, et al. Republic Energy Ventures, LLC					*at least 1/8th per WV Code 22-6-8*		
<u>127156000</u>	Republic Partners VIII, LLC			40.75 ac	EQT Production Company		DB 1200/1	
407450000	EQT Production Company, et al. Republic Energy Ventures, LLC	W\ Enviro	⊳	Office 25		*at least 1/8th per WV Code 22-6-8*		
<u>127156000</u>	Republic Partners VIII, LLC	/ Deg	<u>8</u>	97°25 a c	EQT Production Company		DB 1200/1	
<u>138806000</u>	Nancy Ellen Dennison, et al. Alfred Kendall	WV Department of Environmental Protection	AUG 0 9 2023	SECEIVED &	N. C. Smith Ellen Smith and W. T. Smith, partners tdb under the firm name of W. D. Smith and son Lawrence Hoffman	"at least 1/8th per WV Code 22-6-8"	DB 196/165	
	N. C. Smith				P. L. Hoffman H. D. Heckman		DB 217/257	

"at least 1/8th per WV Code 22-6-8"

95.75 ac

EQT Production Company

DB 1200/1

AECEIVED Gas
Office of Oil and Gas
AUG 0 9 2023
AUG 0 9 2023

AND Department of
NV Department Protection
Environmental Protection

470490251

CT



EQT PRODUCTION COMPANY 400 Woodcliff Drive | Canonsburg, PA 15317

June 27, 2023

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

Re:

Radcliff 18H Gas Well

Mannington District, Marion County, WV

Dear Mr. Brewer,

EQT Production Company is applying for a new well work permit for the well referenced above. Upon information and belief, the Operator's lease and/ or other real property rights permit it to conduct drilling operations for the subject well in the location shown on the plat, including under any public roads that the well lateral crosses.

Sincerely,

John Zavatchan

Project Specialist - Permitting

Office of On 3 on Gest Trade of the Common of the State o

STATE OF WEST VIRGINIA 4704902515 DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

Date of Notic	ce Certification: 712712023	AI	PI No. 47-				
			Operator's Well No. 18H				
			Well Pad Name: Radcliff				
Notice has l	oeen given:						
	e provisions in West Virginia Code	§ 22-6A, the Operator has provide	ed the required parties	with the Notice Forms listed			
below for the	tract of land as follows:	, , _F	- marriagnina paninas	The time i totalee i offino fiolee			
State:	West Virginia	Ea	sting: 548,252.775	548,252.775			
County:	Marion		orthing: 4,382,179.394				
District:	Mannington	Public Road Access:					
Quadrangle:	Glover Gap	Generally used farm	NEADOWN .	cliff and Sheila L. Radcliff			
Watershed:	Bartholomew Fork		11411101	TO SHEET WAS TRAINED BY A SHEET WHITE			
it has provide information re of giving the requirements Virginia Code	the secretary, shall be verified and sed the owners of the surface described equired by subsections (b) and (c), se surface owner notice of entry to surface owner notice of entry to surface of subsection (b), section sixteen of \$22-6A-11(b), the applicant shall thave been completed by the applicant	bed in subdivisions (1), (2) and ection sixteen of this article; (ii) the arvey pursuant to subsection (a), if this article were waived in wri- ender proof of and certify to the s	(4), subsection (b), se nat the requirement was section ten of this art iting by the surface or	ection ten of this article, the s deemed satisfied as a result icle six-a; or (iii) the notice wner; and Pursuant to West			
Pursuant to that the Ope	West Virginia Code § 22-6A, the Oprator has properly served the require	erator has attached proof to this id d parties with the following:	Notice Certification	OOC OFFICE USE			
*PLEASE CHE	CK ALL THAT APPLY			OOG OFFICE USE ONLY			
☐ 1. NOT	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED SEISMIC ACTIVITY WAS CO		RECEIVED/ NOT REQUIRED			
☐ 2. NOT	TICE OF ENTRY FOR PLAT SURV	YEY or NO PLAT SURVEY	WAS CONDUCTED	☐ RECEIVED			
■ 3. NOT	TICE OF INTENT TO DRILL or	NOTICE NOT REQUIRED NOTICE OF ENTRY FOR PLAWAS CONDUCTED or		RECEIVED/ NOT REQUIRED			
		WRITTEN WAIVER BY (PLEASE ATTACHECEN Of Oil					
■ 4. NOT	TICE OF PLANNED OPERATION	Office of O	0.2023	RECEIVED			
■ 5. PUB	LIC NOTICE		9 2023	RECEIVED			
■ 6. NOT	TICE OF APPLICATION	WV De	epartment of ental Protection	RECEIVED			

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

Certification of Notice is hereby given:

4704902515

THEREFORE, I John Zavatchan , have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator: EQT Production Company

By:

John Zavatchan

Its:

Project Specialist - Permitting

Telephone:

724-746-9073

Address:

400 Woodcliff Drive

Canonsburg, PA 15317

Facsimile:

412-395-2974

Email:

jzavatchan@eqt.com

NOTARY SEAL

Commonwealth of Pennsylvania - Notary Seal Rebecca Shrum, Notary Public Beaver County

My commission expires March 9, 2024 Commission number 1267706

Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this 21 day of July, 2023

Notary Public

My Commission Expires

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED Gas

ESOS @ 0 DUA

WW-6A (9-13) API NO:447 0 4 9 0 2 5 1 5

OPERATOR WELL NO. 18H

Well Pad Name: Radcliff

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

Notice Tim	e Requirement: n	otice shall be provide	d no later t	than the filing date of permit application.
Date of Not Notice of:	ice: 712712023 Da	te Permit Applicatio	n Filed: <u>*</u>	18/2023
	IT FOR ANY WORK			PPROVAL FOR THE F AN IMPOUNDMENT OR PIT
Delivery me	ethod pursuant to	West Virginia Code	§ 22-6A-	10(b)
☐ PERSO	NAL 🔽	REGISTERED	П мет	HOD OF DELIVERY THAT REQUIRES A
SERV		MAIL		EIPT OR SIGNATURE CONFIRMATION
sediment con the surface o oil and gas le described in operator or le more coal see well work, if impoundmen have a water provide water proposed well subsection (b records of the provision of the Code R. § 35	and or by any method trol plan required by the tract on which asehold being deve the erosion and sediessee, in the event thams; (4) The owners the surface tract is to rpit as described well, spring or water for consumption by the work activity is to of this section hole sheriff required to this article to the con-8-5.7.a requires, in	of delivery that requirely section seven of this the well is or is proposed in the well is or is proposed in the tract of land on which is of record of the surfact to be used for the place of the section nine of this er supply source located by humans or domestic to take place. (c)(1) If me d interests in the lands, be maintained pursuant trary, notice to a lien of the part, that the operator	res a receip article, and sed to be lo well work, mitted purs the the well ce tract or the ment, constanticle; (5) d within on animals; ar ore than the the applicant to section holder is not shall also	pit as required by this article shall deliver, by personal service or by tor signature confirmation, copies of the application, the erosion and if the well plat to each of the following persons: (1) The owners of record of the well plat to each of the following persons: (1) The owners of record of the surface tract or tracts overlying the if the surface tract is to be used for roads or other land disturbance as uant to subsection (c), section seven of this article; (3) The coal owner, proposed to be drilled is located [sic] is known to be underlain by one or tracts overlying the oil and gas leasehold being developed by the proposed struction, enlargement, alteration, repair, removal or abandonment of any Any surface owner or water purveyor who is known to the applicant to be thousand five hundred feet of the center of the well pad which is used to ind (6) The operator of any natural gas storage field within which the ree tenants in common or other co-owners of interests described in ant may serve the documents required upon the person described in the neight, article one, chapter eleven-a of this code. (2) Notwithstanding any of notice to a landowner, unless the lien holder is the landowner. W. Va. provide the Well Site Safety Plan ("WSSP") to the surface owner and any g as provided in section 15 of this rule.
		SP Notice ☐ E&S F	lan Notic	e
SURFACE				☑ COAL OWNER OR LESSEE
Name: See Atta Address:				Name: See Attached List Address:
				T COAL OPERATOR
Addresses				COAL OPERATOR Name: Address: Office of Oil and Gas Address: SURFACE OWNER OF WATER WALE AND/OR WATER PURVEYOR(s) Name: See Attached List Operation
☑ SURFACE	OWNER(s) (Road	d and/or Other Disturb	nance)	Address: Office of 2023
Name: See Atta	ched List	a una or other Distart	ounce)	ZI SURFACE OWNER OF WATER WANG
Address:				SURFACE OWNER OF WATER WALL AND/OR WATER PURVEYOR(s) Name: See Attached List Address:
Mamai				Name: See Attached List
Address:				Address:
				☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
		oundments or Pits)		Name:
Address:				Address:
				*Please attach additional forms if necessary

WW-6A (8-13) 4704902515
API NO. 47OPERATOR WELL NO. 18H
Well Pad Name: Radcliff

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary ACTIV WY Repartment of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (3044926-6450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

AllG 0 9 2023

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured, horizontally from any existing water well or developed spring used for human or domestic animal consumption. The gentee of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

WW-6A	
(8-13)	

4704902515

API NO. 47-OPERATOR WELL NO. 18H Well Pad Name: Raddiff

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case by is; (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described to the section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court, of (l) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code 8 22-64-11(a) all persons described in subsection (b) of this section aggreeved under the provision as described in subsection (b) of this section aggreeved under the provision as described in subsection (b) of this section aggreeved under the provision aggree written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (bioSection ten of this article may file written comments with the secretary as to the location or comments.

comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WW-6A (8-13) API NO. 47- 4 7 0 4 9 0 2 5 1 5

OPERATOR WELL NO. 181
Well Pad Name: Radcliff

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) 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.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and 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.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

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AUG 0 9 2023

WW-6A (8-13) API NO. 47 0 4 9 0 2 5 1 5

OPERATOR WELL NO. 18H

Well Pad Name: Radoliff

Notice is hereby given by:

Well Operator: EQT Production Compar

Telephone: 724-746-9073
Email: jzavatchan@eqt.com

Address: 400 Woodcliff Drive

Canonsburg, PA 15317

Facsimile: 412-395-2974

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone 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 or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.

Commonwealth of Pennsylvania - Notary Seal Rebecca Shrum, Notary Public Beaver County My commission expires March 9, 2024 Commission number 1267706

Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this 27th day of July, 2023

Notary Public

My Commission Expires March 9, 2024

Office of Oil and Gas

AUG 0 9 2023

WV Department of Protection

Surface Owners:

Jackie D. Radcliff and Sheila L. Radcliff
161 Cabin Creek Rd.
Mannington, WV 26582

Surface Owners (road, AST, or other disturbance):

Jason G. Stout 637 Upper Murray Rd. Mannington, WV 26582

Heather R. Stout 546 Upper Murray Rd. Mannington, WV 26582

Lula B. Knight 638 Upper Murray Rd. Mannington, WV 26582

Clarence W. Sweeney, et. al. ✓ PO Box 219 Fairmont, WV 26555

Coal Owners:

Consol Mining Company 1000 Consol Energy Drive Canonsburg, PA 15317

Douglas A. Gwinn 95 Sabraton Avenue Fairmont, WV 26554

Rebecca Shuttlesworth 468 Katy Road Fairmont, WV 26554

Cathie L. Ebert 506 Katy Road Fairmont, WV 26554

Mike Ross, Inc. PO Box 219
Coalton, WV 26257

I.L. Morris PO Box 397 Glenville, WV 26351

Cynthia Ann Garner 314 Woodridge Drive Locust Grove, GA 3024

Amy Renee Russell 141 Lossie Lane
McDonough, GA 30253

Charles Stewart

181 East Chestnut Street
Blairsville, PA 15717

Office of Oil and Gas

AUG 0 9 2023

James R. Batson
3 Red Sky Drive
Morgantown, WV 26508

Sandra F. Hulsey PO Box 238
Worthington, WV 26591

Sharon D. Wright 209 Jefferson Street Mannington, WV 26582

William Williamson 21811 Aquasco Road Aquasco, MD 20608

Water Supply Owners within 1,500':

Jason and Michelle Stout 637 Upper Murray Rd. Mannington WV 26582

Jackie D. Radcliff and Sheila L. Radcliff 161 Cabin Creek Rd.

Mannington, WV 26582

Shelly Nelson 325 Cabin Creek Rd. Mannington WV 26582

RECEIVED GAS Office of Oil and GAS

AUG 0 9 2023

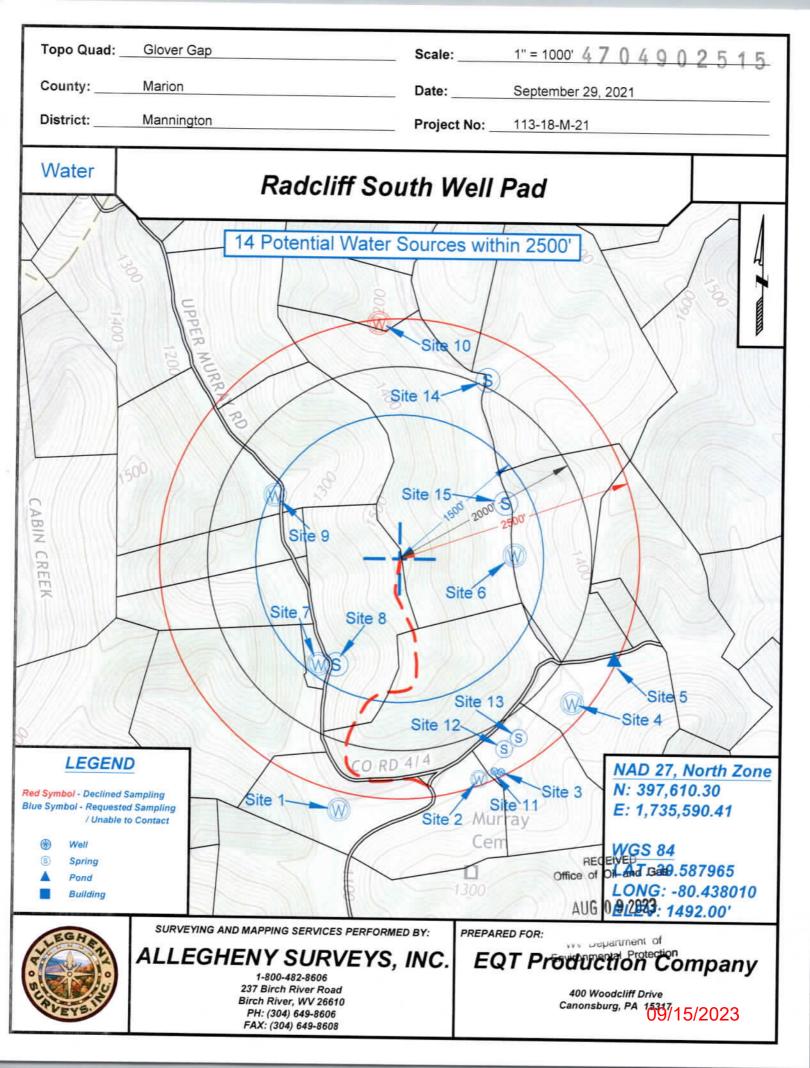




Table 1 - Water Source Identification

EQT Well Pad Name: Radcliff South EQT Well Number:	Submittal Date: 7/14/2023		
Survey / Engineering Company: Allegheny Surv	veys, Inc.		
Site Number: 1 Distance from Gas Well (feet): 2	690.72		
Surface Owner / Occupant: Richard Beaty (form	nerly Sweeney)	□ Landowner Requested	
Address: 481 Upper Murray Rd. Mannington W	/V 26582 Phone #: 304-986-2878	Sampling Landowner Decline	
Field Located Date: 9/27/2018 Owner home du	uring survey (yes/no): Yes	Sampling Unable to Contact	
Coordinates: 39.345062, -80.262371 (decimal de		(Further contact attempts to be made by EQT's third party pre-drill sampling lab)	
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/29	/2021 Door Hanger Left:		
Comments: Water well located behind mobile i	home next to outbuilding. Very nice	man.	
Site Number: 2 Distance from Gas Well (feet): 24	460.96		
Surface Owner / Occupant: James and Jonella I	Boore	□ Landowner Requested	
Address: 468 Upper Murray Rd. Mannington W	V 26582 Phone #: 304-986-1517	Sampling Landowner Decline	
Field Located Date: 9/27/2018 Owner home du	ring survey (yes/no): Yes	Sampling Unable to Contact	
Coordinates: 39.345410, -80.260514 (decimal de	grees - NAD 83)	(Further contact attempts to be made by EQT's third party pre-drill sampling lab)	
Contact Attempts (Date): 1st: 9/26/2018 2nd: 9/30/2	2021 Door Hanger Left:		
Comments: Water well located on NE side of he	ouse. Very friendly.		
Site Number: 3 Distance from Gas Well (feet): 24	85.91		
Surface Owner / Occupant: Heather Stout		□ Landowner Requested	
Address: 546 Upper Murray Rd. Mannington W	V 26582 Phone #: 304-986-1577	Sampling Landowner Decline	
Field Located Date: 9/27/2018 Owner home du	ring survey (yes/no): No	Sampling Unable to Contact	
Coordinates: 39.345487, -80.260221 (decimal dec	333 65/ 35/ 50 06	RECEIVE Her contact attempts to be	
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2	2021 Door Hanger Left: Yes Al	JG 0 9 2023	
Comments: Spoke to friend there. Said she would	ask and be in touch. Water well locate	d behind house.	
(Insert additional pages as needed)	Enviror	nmental Protection	

Site Number: 4 Distance from Gas Well (feet): 2376.91	
Surface Owner / Occupant: Winford Knight	☑ Landowner Requested
Address: 638 Upper Murray Rd. Mannington WV 26582 Phone #: 304-986-1807	Sampling Landowner Decline
Field Located Date: 9/27/2018 Owner home during survey (yes/no): Yes	Sampling Unable to Contact
Coordinates: 39.350209, -80.255303 (decimal degrees - NAD 83)	(Further contact attempts to be made by EQT's third party pre-drill sampling lab)
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2021 Door Hanger Left;	
Comments: Water well located beside aluminum wheelchair ramp. Unable to see water well	. Nice elderly couple.
Site Number: 5 Distance from Gas Well (feet): 2461.76	
Surface Owner / Occupant: Winford Knight	☑ Landowner Requested
Address: 638 Upper Murray Rd. Mannington WV 26582 Phone #: 304-986-1807	Sampling
Field Located Date: 9/27/2018 Owner home during survey (yes/no): Yes	Sampling Unable to Contact
Coordinates: 39.350687, -80.254806 (decimal degrees ~ NAD 83)	(Further contact attempts to be made by EQT's third party pre-drill sampling lab)
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2021 Door Hanger Left:	·
Comments: Pond located.	-
Site Number: 6 Distance from Gas Well (feet): 1231.83	
Surface Owner / Occupant: Jason and Michelle Stout	
Address: 637 Upper Murray Rd. Mannington WV 26582 Phone #: 304-986-1087	Sampling Landowner Decline
Field Located Date: 10/08/2018 Owner home during survey (yes/no): Yes	Sampling Unable to Contact
Coordinates: 39.351716, -80.260111 (decimal degrees - NAD 83)	(Further contact attempts to be made by EQT's third party
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2021 Door Hanger Left: Yes	pre-drill sampling lab)
Comments: Spoke to Michelle. Said she would ask and be in touch. Located water w	ell on 10/08/2018.
Site Number: 7 Distance from Gas Well (feet): 1367.33	
Surface Owner / Occupant: Jackie Radcliff	M Loude B
Address: 161 Cabin Creek Rd. Mannington WV 26582 Phone #: 304-986-3968	
	□ Landowner DeclineSampling
The state of the s	☐ Unable to Contact RECENTAGE operated attempts to be RECENTED BY FOLES, third party
Coordinates: 39.351716, -80.260111 (decimal degrees - NAD 83)	Office of policial sandaling (ab)
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2021 Door Hanger Left; Yes	AUG 0 9 2023

Comments: Water well located 9/27/2018 on upper end of house.

Site Number: 8 Distance from Gas Well (feet): 1318.14								
Surface Owner / Occupant: Jackie Radcliff								
Address: 161 Cabin Creek Rd. Mannington WV 26582 Phone #: 304-986-3968	Sampling Landowner Decline							
Field Located Date: 9/27/2018 Owner home during survey (yes/no): Yes	Sampling Unable to Contact							
Coordinates: 39.350548, -80.262547 (decimal degrees - NAD 83)	(Further contact attempts to be made by EQT's third party							
Contact Attempts (Date): 1st: 9/26/2018 2nd: 9/30/2021 Door Hanger Left:	pre-drill sampling lab)							
Comments: Spring located next to road coming off hill.								
Site Number: 9 Distance from Gas Weil (feet): 1416.84								
Surface Owner / Occupant: Shelly Nelson (Formerly Sandor Frecska)	■ Landowner Requested							
Address: 325 Cabin Creek Rd. Mannington WV 26582 Phone #: 304-986-1807	Sampling Landowner Decline							
Field Located Date: 9/27/2018 Owner home during survey (yes/no): Yes	Sampling Unable to Contact							
Coordinates: 39.350687, -80.254806 (decimal degrees - NAD 83)	(Further contact attempts to be made by EQT's third party							
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2021 Door Hanger Left:	pre-drill sampling lab)							
Comments: Water well located next to driveway beside garage.								
Site Number: 10 Distance from Gas Well (feet): 2429								
Surface Owner / Occupant: EBX-EM LLC	☐ Landowner Requested							
Address: 6575 W Loop S Ste 300, Bellaire TX 77401 Phone #:	Sampling Landowner Decline							
Field Located Date: Owner home during survey (yes/no):	Sampling □ Unable to Contact							
Coordinates: 39.354067, -80.261879 (decimal degrees – NAD 83)	(Further contact attempts to be made by EQT's third party							
Contact Attempts (Date): 1st; 2nd; Door Hanger Left:	pre-drill sampling lab)							
Comments: Property behind gate. Has water well. Formerly Henry Deem - called on the nad sold property. Signature page received 10/11/2021 declining sampling. Property EBX-EM LLC on 9/15/2021 (DB 1289/894).	10/4/2021 & said was granted to							
Site Number: 11 Distance from Gas Well (feet): 2448.09								
Surface Owner / Occupant: Heather Stout	☑ Landowner Requested							
Address: 546 Upper Murray Rd. Mannington WV 26582 Phone #: 304-986-1577	Sampling Landowner Decline							
Field Located Date: 10/15/2018 Owner home during survey (yes/no): No	Sampling Unable to Contact							
Coordinates: 39.345492, -80.260315 (decimal degrees – NAD 83) (Further contact attempts to be made by EQT's third party								
•	pre-drill sampling lab)							
Comments: Stout's second water well located at end of house.	on a a coop							

AUG 09 2023

Site Number: 12 Distance from Gas Well (feet): 2290.16	
Surface Owner / Occupant: Heather Stout	□ Landowner Requested
Address: 546 Upper Murray Rd. Mannington WV 26582 Phone #: 304-986-1577	Samplina
Field Located Date: 10/15/2018 Owner home during survey (yes/no): No	Sampling Unable to Contact
Coordinates: 39.345721, -80.260191 (decimal degrees – NAD 83)	(Further contact attempts to be made by EQT's third party pre-drill sampling lab)
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2021 Door Hanger Left; Yes	
Comments: Spring located near garage in fence line.	
Site Number: 13 Distance from Gas Well (feet): 2272	
Surface Owner / Occupant: Heather Stout	□ Landowner Requested
Address: 546 Upper Murray Rd. Mannington WV 26582 Phone #: 304-986-1577	Sampling Landowner Decline
Field Located Date: 10/15/2018 Owner home during survey (yes/no): No	Sampling Unable to Contact
Coordinates: 39.345838, -80.260001 (decimal degrees – NAD 83)	(Further contact attempts to be made by EQT's third party pre-drill sampling lab)
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2021 Door Hanger Left: Yes	, and a state of the state of t
Comments: Spring in tree line next to barn. Must go through electric fence. Ve	ery muddy.
Site Number: 14 Distance from Gas Well (feet): 2078.98	
Surface Owner / Occupant: Jason and Michelle Stout	□ Landowner Requested
Address: 637 Upper Murray Rd. Mannington WV 26582 Phone #: 304-986-1087	Sampling Landowner Decline
Field Located Date: 10/08/2018 Owner home during survey (yes/no):	Sampling Unable to Contact
Coordinates: 39.353512, -80.260514 (decimal degrees - NAD 83)	(Further contact attempts to be made by EQT's third party pre-dril! sampling lab)
Contact Attempts (Date): 1st; 9/26/2018 2nd; 9/30/2021 Door Hanger Left; Yes	
Comments: Stream located on upper end of Stout's property. Very rough and	muddy road.
Site Number: 15 Distance from Gas Well (feet): 1270.14	· · · · · · · · · · · · · · · · · · ·
Surface Owner / Occupant: Jason and Michelle Stout	☑ Landowner Requested
Address: 637 Upper Murray Rd. Mannington WV 26582 Phone #: 304-986-1087	Sampling Landowner Decline
Field Located Date: 10/08/2018 Owner home during survey (yes/no):	Sampling Unable to Contact
Coordinates: 39.352244, -80.260243 (decimal degrees – NAD 83)	(Further contact attempts to be made by EQT's third party
Contact Attempts (Date): 1 st ; 9/26/2018 2 nd ; 9/30/2021 Door Hanger Left; Yes	, , , , , , , , , , , , , , , , , , , ,
Comments: Stream located closer to Stout's house.	AUG 0 9 2023

09/15/2023

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STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time	Requirement: Notice shall be pro	vided at least TEN (10) days prior to filing	a permit application.
Date of Notic	ce: 04/27/2023 D	ate Permit Application Filed: 8/8/2023	
Delivery met	hod pursuant to West Virginia C	Code § 22-6A-16(b)	
T HAND	CERTIFIED MAI		
☐ HAND	- CERTIFIED WAT		
DELIVE	RETURN RECEI	PT REQUESTED	
drilling a hori of this subsection ma	izontal well: <i>Provided</i> , That notice tion as of the date the notice was play be waived in writing by the surface.	ten days prior to filing a permit application ace owner notice of its intent to enter upon to given pursuant to subsection (a), section to rovided to the surface owner: <i>Provided, how</i> ace owner. The notice, if required, shall incommail address of the operator and the operator	he surface owner's land for the purpose of en of this article satisfies the requirements wever. That the notice requirements of this lude the name, address, telephone number.
Notice is her	reby provided to the SURFAC	E OWNER(s):	
Name: See Attac	thed List	Name: See Attached List	
Address:		Address:	
State: County:	West Virginia Marion	urg a horizontal well on the tract of land as for Easting: Northing:	548252.775 4382179.394
District:	Mannington	Public Road Access:	CR 4/4
Quadrangle:	Glover Gap	Generally used farm name:	Jackie D. Radcliff and Sheila L. Radcliff
Watershed:	Bartholomew Fork		
Pursuant to W facsimile num related to hori	zontal drilling may be obtained fr), this notice shall include the name, addr f the operator and the operator's authorize om the Secretary, at the WV Department of 5304 (304-926-0450) or by visiting www.de	ed representative. Additional information
Notice is her	eby given by:		
	EQT Production Company	Authorized Representative:	John Zavatchan
Address:	400 Woodaliff Drive	Address:	400 Woodcliff Drive
	Canonsburg, PA 15317		Canonsburg, PA 15317
Telephone:	724-746-9073	Telephone:	724-746-9073
Email:	zavatchan@ect.com	Email:	jzavatchan@eqt.com
Facsimile;	412-395-2974	Facsimile:	412-395-2974
	Privacy Notice:	al information such as name address and te	PECEIVED

personal information, such as name, address and telephone 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 And requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov. WV Department of

Environmental Protection

Surface Owners:

Jackie D. Radcliff and Sheila L. Radcliff
161 Cabin Creek Rd.
Mannington, WV 26582

Surface Owners (road, AST, or other disturbance):

Jason G. Stout 637 Upper Murray Rd. Mannington, WV 26582

Heather R. Stout 546 Upper Murray Rd. Mannington, WV 26582

Lula B. Knight 638 Upper Murray Rd. Mannington, WV 26582

Clarence W. Sweeney, et. al. PO Box 219
Fairmont, WV 26555

4704902515

Environmental Protection

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Date of Noti	Requirement: notice shall be provided re: Date Permit A	o later than the filin pplication Filed:	g date of permit	t application.
Delivery me	thod pursuant to West Virginia Code §	22-6A-16(c)		
	FIED MAIL RN RECEIPT REQUESTED	HAND DELIVERY		
Pursuant to vector return receipt the planned required to be drilling of a damages to the	W. Va. Code § 22-6A-16(c), no later that requested or hand delivery, give the surfoperation. The notice required by this seprovided by subsection (b), section ten chorizontal well; and (3) A proposed surformer surface affected by oil and gas operation	n the date for filing ace owner whose lar ubsection shall include of this article to a sur- ace use and comper	nd will be used for ude: (1) A copy face owner whose asstion agreement lamages are com-	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the nt containing an offer of compensation for pensable under article six-b of this chapter. sted in the records of the sheriff at the time
(at the addres Name: See Atta	eby provided to the SURFACE OWNE s listed in the records of the sheriff at the	R(s) time of notice): Name: Addres		
Notice is her Pursuant to W operation on State: County: District: Quadrangle: Watershed:	eby given: /est Virginia Code § 22-6A-16(c), notice if the surface owner's land for the purpose of West Virginia Marion Mannington Glover Gap Bartholomew Fork	UTM NAD Public Road	al well on the tra Easting: Northing:	ct of land as follows: 548,252.775 4,382,179.394 CR 4/4
horizontal we surface affect information re	est Virginia Code § 22-6A-16(c), this not d by W. Va. Code § 22-6A-10(b) to a still; and (3) A proposed surface use and coted by oil and gas operations to the extenselated to horizontal drilling may be obtained at 601 57th Street, SE, Charles	mpensation agreement the damages are coined from the Secret	e land will be untraction to the containing an ompensable under the WV	code section; (2) The information required sed in conjunction with the drilling of a offer of compensation for damages to the er article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-double-section or by visiting www.dep.wv.gov/oil-and-double-section
Well Operator Telephone:	EQT Production Company 724-746-9073	Address:	400 Woodcliff Drive Canonsburg, PA 153	17
Email:	zavatchan@eqt.com	Facsimile:	412-395-2974	
Oil and Gas I	Privacy Notice:			CEIVED Oil and Gas
needed to con	uply with statutory or regulatory requi	rements including	e, address and te	elephone number, as part of our regulatory in the normal course of business or as formation Act requests. Our office will your need of the contact mental protection

09/15/2023

Surface Owners:

Jackie D. Radcliff and Sheila L. Radcliff 161 Cabin Creek Rd. Mannington, WV 26582

Surface Owners (road, AST, or other disturbance):

Jason G. Stout 637 Upper Murray Rd. Mannington, WV 26582

Heather R. Stout 546 Upper Murray Rd. Mannington, WV 26582

Lula B. Knight 638 Upper Murray Rd. Mannington, WV 26582

Clarence W. Sweeney, et. al. PO Box 219 Fairmont, WV 26555

RECEIVED Gas
Office of Oil and Gas
AUG 0 9 2023

NV Department of Environmental Protection



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

Gregory L. Bailey, P.E. Interim State Highway Engineer 1900 Kanawha Boulevard East . Building Five . Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

Jimmy Wriston, P. E. Secretary of Transportation Commissioner of Highways

April 24, 2023

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the Radcliff Pad, Marion County Radcliff 18H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2021-0390 which has been issued to EQT Production for access to the State Road for a well site located off Marion County Route 4/4 SLS MP 0.15.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY revised March 06, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Gary K. Clayton, P.E.

Regional Operations Engineer and

Day K. Clayton

Central Office O&G Coordinator AUG 0 9 2023

Cc:

Becky Shrum **EQT Production** CH, OM, D-4

File

Anticipated Frac Additives Chemical Names and CAS Numbers

<u>Material</u>	Ingredient	<u>CAS Number</u>
Sand (Proppant)	Silica Substrate	14808-60-7
Water	Water	7732-18-5
Hydrochloric Acid (HCI)	Hydrogen Chloride	7647-01-0
Friction Reducer	Copolymer of 2-propenamide	
	Petroleum Distillate	Proprietary
	Oleic Acid Diethanolamide	64742-47-8
		93-83-4
	Alcohols, C12-16, ethoxylated	68551-12-2
Disable	Ammonium chloride ((NH4)Cl)	12125-02- 9
Biocide	Glutaraldehyde	111-30-8
	Alkyl dimethyl benzyl ammonium chloride	68391-01-5
	Didecyl dimethyl ammonium chloride	7173-51-5
	Non-hazardous substances	Proprietary
Scale Control	Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid)(BHMT)	34690-00-1
	Non-hazardous substances	Proprietary
Acid Chelating Agent	Citric Acid	77-92-9
Corrosion Inhibitor	Methanol	
•		67-56-1
	pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides	68909-18-2
	Nonoxynol-9	127087-87-0
	2-ethyl-1-hexanol	104- 7 6-7
	4-nonylphenyl, ethoxylated	26027-38-3



SITE AS-BUILT RADCLIFF WELL SITE MARION COUNTY, WEST VIRGINIA EQT PRODUCTION COMPANY



REFERENCES: UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES - GLOVER GAP QUADRANGLE, WV

LOCATION MAP

15279
STATE OF
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2 STATE OF

1

SHEET INDEX

1 COVER SHEET

SITE CONTROL WITH AERIAL AND SHEET LAYOUT

3-5 ENLARGED PLAN VIEW

6 ACCESS ROAD PROFILE

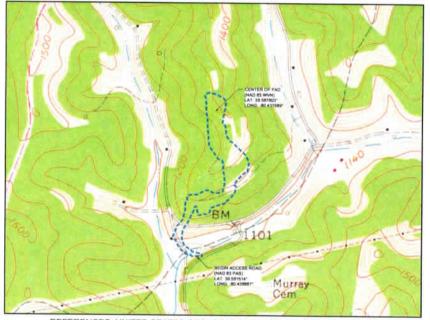
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커	39.5878525	BG 49798019	397em.zm	1704188.499	307569.542	1735806.78D	4302.865.477	SHEARING	┌~
11H	39.5878997	50.43796364	297421.0024	17016.35	397501.124	173560B.707	4380369.435	54062790	,
1384	35179339	80.43757538	277525.55-43	1701152.794	3975351.006	175601.5B	4362 (24.357	. 5AF261-720	ĺ
15H	39.5879742	80.43296453	197851.24S7	1704199.723	397813.688	1735597.500	4382178,849	548350 709	ĺ

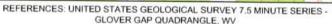
PROJECT # 21119-018 JULY 2023

DIEFFENBAUCH & HRITZ, LLC

SITE AS-BUILT RADCLIFF WELL SITE

EQT PRODUCTION COMPANY





LOCATION MAP



SHEET INDEX

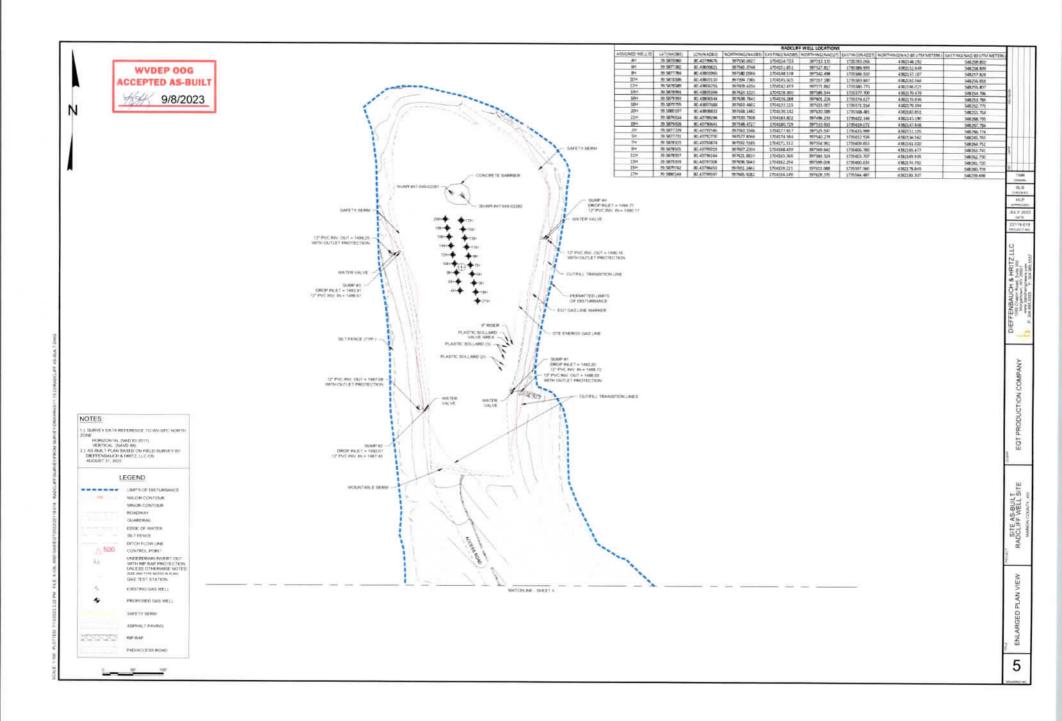
- COVER SHEET
- SITE CONTROL WITH AERIAL AND SHEET LAYOUT
- 3-5 ENLARGED PLAN VIEW
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84	39.5877784	80.43801965	257580.0566	1704148.579	397542.498	3795586.920	4302197 107	548257.828	
1004	39.5878386	8G 43803110	207504.2386	1704145,505	997557.180	3755563.547	4382161.364	348256.818	
1294	39.3878589	80.43804255	397609.4204	1704142.433	397571.m2	1735580.775	4362396.021	50055.907	li li
141	39.5678991	80.43805.999	997624.1024	1704139 300	397586.544	1735577.700	4392170.429	348254.796	4
1694	29.1679223	80.43806544	397636.7843	1704136.388	297601.226	1735574 627	4382174.996	348253.783	7
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20+	35.5803357	#0.41808#51	393698.1482	1704190.142	Miles see	1785588 BRT	4302101.051		12
2320	29.5876524	80.45799.2%	397533.7908	1704183.802	397496, 231	1735622,146	4382143 190	348251,764	- 5
136+	38.34799906	85.43790441	297548-4777	1704180.729	307510.915	1735619.073	4362147.648	548268.795	- 5
3H	35.5877329	90.41791585	907563,1546	1704177.657	397525, 587	1755615.000	4382332 105	348267.784	
5H	29.5877731	80.41792730	987577.8366	1706176.584	397540.279	1795612 926	4M21% %2	548266 774	
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981	39.5878535	#0.43795019	297907-2004	1704158.439	397509.642	1735606.700	4962165.627	549264.75.2	,15
1199	19.5678917	80.43796164	397621.8834	1794155.300	397584.321	179560E.707		548263.741	
13H	39 SE79100	80.43757308	397636 5643	1704162.294	397599.004		2382 LttP, 993	548262,790	1
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WVDEP OOG ACCEPTED AS-BUILT 9/8/2023

> PROJECT # 21119-018 JULY 2023

DIEFFENBAUCH & HRITZ, LLC





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.goy

Friday, September 8, 2023 NOTICE OF PLUGGING PERMIT RELEASE Vertical / Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re:

Plugging Permit Release for 0

47-039-04973-00-00

The FINAL INSPECTION REPORT, for U.S. Well Number: 47-039-04973-00-00, has been received by the Office of Oil and Gas. The Affidavit of Plugging, Form WR-38, has been received and reclamation requirements have been approved. This well has been released from your bond.

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:

VICKERS, JAMES

U.S. WELL NUMBER; 47-039-04973-00-00

Vertical Plugging

Date Issued: 2/27/2023

Date Released:

Promoting a healthy environment.

Well Restrictions

OPERATOR: EQT Production Company	WELL NO: 18H
PAD NAME: Radcliff	
REVIEWED BY: John Zavatchan	_ SIGNATURE:

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

\checkmark	At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any
	Perennial Stream, Lake, Pond, Reservoir or Wetland; OR

✓	At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any
	Naturally Producing Trout Stream: OR

DEP	Waiver	and	Permit	Conditions	

DEP Waiver and Permit Conditions

✓	At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any
	Groundwater Intake or Public Water Supply; OR

1		
	DEP Waiver and Permit Condition	IS

✓	At Least 250 Feet from an Existing	Water Wel	ll or Developed S	Spring to	Well Being
	Drilled; OR		<i>₹</i> //		

Surface Owner	Waiver and	Recorded	with County	Clerk,	OR

DEP Variance and Permit Conditions

✓	At Least 625	Feet from an O	occupied Dwelling	Structure to	Center of the	Pad; OR

Surface Owner Waiver and Recorded with County Clerk, OR

DI	EP Variance	and Permit	Conditions
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At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center

or the rad, or	AUG 000
Surface Owner Waiver and Recorded with County Clerk	OR Department of
DEP Variance and Permit Conditions	ELAILBUHHBUIS

DEP Variance and Permit Conditions