

west virginia department of environmental protection

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

November 30, 2015

WELL WORK PERMIT

Horizontal 6A Well

This permit, API Well Number: 47-9101323, issued to EQT PRODUCTION COMPANY, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: 515826

Farm Name: MORRIS, MICHAEL G.

API Well Number: 47-9101323

Permit Type: Horizontal 6A Well

Date Issued: 11/30/2015

API 1	Nun	er:								
	4	7	0	9	1	0	1	3	2	

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

- 1. 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.
- 6. 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. 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.
- 8. 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.
- 9. 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.



west virginia department of environmental protection

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

ORDER ISSUED UNDER WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 6A

TO: EQT Production Company 115 Professional Place P.O. Box 230 Bridgeport WV, 26330 DATE: November 23, 2015 ORDER NO.: 2015-W-12

INTRODUCTION

This Order (hereinafter "Order") is issued by the Office of Oil and Gas (hereinafter "OOG"), by and through its Chief, pursuant to the authority of W. Va. Code §§ 22-1-1, 22-6-1 and 22-6A-1 *et seq*. to EQT Production Company (hereinafter "EQT" or "Operator"), collectively the "Parties."

FINDINGS OF THE CHIEF

In support of this Order, the Chief hereby finds the following:

- 1. OOG, an office within the West Virginia Department of Environmental Protection, is the agency with the duty and authority to execute and enforce W. Va. Code §22-6-1 and §22-6A-1 *et seq.*, and the rules and regulations promulgated thereunder.
- 2. EQT is a "person" as defined by W. Va. Code §22-6-1(n), with a corporate address as 115 Professional Place, P.O. Box 230, Bridgeport, West Virginia.
- 3. On August 26, 2015 and September 18, 2015, EQT submitted well work permit applications identified as API#s 47-091-01323, 47-091-01324, 47-091-01326 and 47-091-01327. The four proposed wells are to be located on the FAW 60 Pad in Booths Creek District of Taylor County, West Virginia.
- 4. On August 26, 2015, EQT requested a waiver for Wetland A, Wetland C and Wetland E as outlined in Attachment 1, from well location restriction requirements in W. Va. Code §22-6A-12(b) for well work permit applications identified as API#s 47-091-01323, 47-091-01324, 47-091-01326 and 47-091-01327.

5. On June 9, 2015, Civil & Environmental Consultants, Inc. (CEC), on behalf of EQT, requested a Nationwide Permit (NWP) 14 from the U.S. Army Corps of Engineers (USACE) for permanent impacts to 0.007 acre of Wetland B. Furthermore, on November 19, 2015, CEC requested a waiver for the remaining portion (0.004 acre) of Wetland B as outlined in Attachment 1, from well location restriction requirements in W. Va. Code §22-6A-12(b) for well work permit applications identified as API#s 47-091-01323, 47-091-01324, 47-091-01326 and 47-091-01327.

CONCLUSIONS OF LAW

- 1. West Virginia Code §22-1-6(d) requires, in part, that "[i]n addition to other powers, duties and responsibilities granted and assigned to the secretary by this chapter, the secretary is authorized and empowered to...(3) Enter private lands to make surveys and inspections for environmental protection purposes; to investigate for violations of statutes or rules which the Office of Oil and Gas is charged with enforcing; to serve and execute warrants and processes; to make arrests; issue orders, which for the purposes of this chapter include consent agreements; and to otherwise enforce the statutes or rules which the Office of Oil and Gas is charged with enforcing."
- 2. West Virginia Code §22-6A-2(a)(6) requires, in part, that "Concomitant with the broad powers to condition the issuance of well work permits, the secretary should also have broad authority to waive certain minimum requirements of this article when, in his or her discretion, such waiver is appropriate: *Provided*, That the secretary shall submit a written report of the number of waivers granted to the Legislature commencing January 1, 2013, and each year thereafter."
- 3. West Virginia Code §22-6A-12(b) requires, in part, that "[n]o 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 Office of Oil and Gas 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 Office of Oil and Gas 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."

ORDER

West Virginia Code §22-6A-12(b) requires, in part, that "[n]o 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. The Office of Oil and Gas grants the request for a waiver for Wetland A, Wetland B, Wetland C and Wetland E from well location restriction requirements in W. Va. Code §22-6A-12(b) for well work permit applications identified as API#s 47-091-01323, 47-091-01324, 47-091-01326 and 47-091-01327. The Office of Oil and Gas hereby **ORDERS** that EQT shall meet the following site construction and operational requirements for the FAW 60 well pad:

- a. A berm shall be constructed around the perimeter of the pad to contain any potential spills and storm water runoff. Berm is to be at least a twenty four inches (24") in height;
- b. Filter/silt socks shall be installed on all slopes and down gradient locations of the pad and topsoil pile areas as erosion and sediment controlling BMPs;
- c. Wetlands A, B, C, and E shall have super silt fence backed with thirty two inch (32") compost filter sock for all areas immediately adjacent to the wetland
- d. The entire area where the wetlands are located will be delineated with orange construction fence.
- e. All diversion ditches that feed the areas where the wetlands are located shall have ditch checks to aid in the removal of sediment.
- f. Disturbed areas not used for operations shall be seeded and mulched per the seeding tables in the WVDEP-OOG Erosion and Sediment Control Manual;
- g. Drill cuttings and associated drilling mud shall be disposed of in a permitted landfill;
- h. Waste generated by the flowback treatment systems shall be sent to offsite disposal at a permitted landfill;
- i. Weekly site inspections shall be conducted to monitor and maintain the integrity of the BMP storm water controls;
- j. Weekly storm water and spill prevention inspections shall be conducted focusing on storm water and spill prevention BMPs and maintenance of these BMPs;
- k. Inspections of the storm water and spill prevention measures shall be conducted after any major storm event defined as a half inch (½") rain within any twenty-four (24) hour period;
- 1. Pad inspections shall be conducted no less than once a week to identify and mitigate potential deficiencies;
- m. All records from inspections shall be maintained on site for the life of the project and be available upon request.

Thus ORDERED, the 23rd day of November, 2015.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

JAMES A. MARTIN, CHIEF

WW - 6B (4/15)

4709101323

API NO.	47	-	091	-	(
OPERATO	H WE		515820		
Well Par	d Nar	no:		EAWGE	

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

	THELE WO	THE PERSON AND THE	CATION		
1) Well Operator: EQT Produ	ction Company	306686	091	1 1	343
		Operator ID	County	District	Quadrangle
2) Operator's Well Number:	51582	6	Well Pad Nan	ne:	FAW60
3) Farm Name/Surface Owner :	Michael G	a. Morris	Public Road A	ccess:	Co. Rt. 250
4) Elevation, current ground:	1,323.1 E	Elevation, proposed	post-construction	1,316	
5) Well Type: (a) Gas					
(b) If Gas:	Shallow .				
	Horizontal •				
6) Existing Pad? Yes or No:	no	_		e i	
c) Existing Fact Tes of No.	110				
7) Proposed Target Formation(s), Depth(s), Anticipated T	hicknesses and Ass	ociated Pressure	e(s):	
	at a depth of 7290 with the				ssure of 1869 PSI
		op of Marcellus: 718			1000 01
8) Proposed Total Vertical Depth	1:		7290		
Formation at Total Vertical De	epth:		Marcellus		
10) Proposed Total Measured D	epth:		12677		
 Proposed Horizontal Leg Ler 	ngth		4,805		
12) Approximate Fresh Water St	rata Depths:	121	, 204, 268, 357,	662, 736, 878	
13) Method to Determine Fresh	Water Depth:		By offset w		
14) Approximate Saltwater Depti	ns:		1,406		
15) Approximate Coal Seam Dep	oths:	43, 202, 316, 3	90, 458, 527, 552	2, 626, 706, 772	2
16) Approximate Depth to Possil	ole Void (coal mine, karst	, other):		None rep	
17)Does proposed well location			-		
adjacent to an active mine?		Υ	es	No x	
(a) If Yes, provide Mine Info:	Name:				
	Depth:				
	Seam:				
	Owner:				
				Di.	
			C	RECEIVED	Page 1 of 3
			n N	OVar	#S

Environmental relection

WW - 6B (4/15)

4709101323

APINO	47 -	091 -	()
PERATO	A WELL N	10	515826
Vell Pag	d Name:		FAW60

CASING AND TUBING PROGRAM

1	E	ŝ)

Liners

TYPE	Size	New	Grade	Weight per ft.	FOOTAGE: For	INTERVALS:	CEMENT:
	<u>(in)</u>	<u>or</u>		(lb/ft)	Drilling (ft)	Left in Well	Fill- up (Cu.Ft.)
		Used				<u>(ft)</u>	Control of the Contro
Conductor	20	New	MC-50	81	35	35	34 C.T.S.
Fresh Water	13 3/8	New	J-55	54.5	978	978	850 C.T.S.
Coal	-	-	-		-	-	_
Intermediate	9 5/8	New	A-500	40	2,250	2,250	875 C.T.S.
Production	5 1/2	New	P-110	20	12,677	12,677	See Note 1
Tubing	2 3/8		J-55	4.6			May not be run, if run will be set 100 less than TD
Liners							

				E	mest a	Chemred	2 11-4-1
TYPE	Size (in)	Wellbore Diameter (in)	Wall This knows	Burst Pressure	Anticipated	Cement	Cement Yield
F		Diameter (in)	Thickness	(psi)	Max. Internal	Type	(cu. ft./k)
			<u>(in)</u>		Pressure (psi)		
Conductor	20	24	0.375	-	18	Construction	1.18
Fresh Water	13 3/8	17 1/2	0.38	2,730	2,184	* See Note 2	1.21
Coal							
Intermediate	9 5/8	12 3/8	0.395	3,950	3,160	* See Note 2	1.21
Production	5 1/2	8 1/2	0.361	12,640	10,112	-	1.27/1.86
Tubing							
The state of the s							-

Packers

Kind:	N/A	
Sizes:	N/A	
Depths Set:	N/A	

Note 1: EQT plans to bring the TOC on the production casing cement job 1,000' above kick off point, which is at least 500' above the shallowest production zone, to avoid communication.

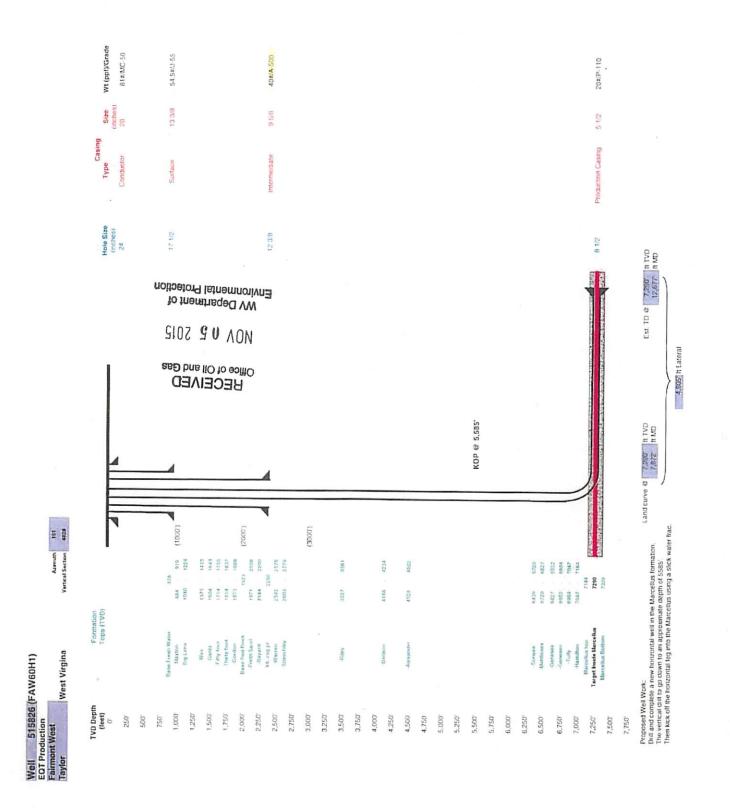
Note 2: Reference Variance 2014-17. (Attached)

Page 2 of 3



WW - 6B	4/091	0 1323	APINO. <u>47</u> - <u>091</u>	0
(10/14)			OPERATOR WELL NO.	515826
			Well Pad Name:	FAW60
19) Describe proposed well work, including the	drilling and plugging back	k of any pilot hole:		
Drill and complete a new horizontal well in the Marcelli	us formation. The vertical drill t	to go down to an approxin	nate depth of 5585'.	
Then kick off the horizontal leg into the Marcellus using	g a slick water frac.			
				
20) Describe fracturing/stimulating methods in o				
Hydraulic fracturing is completed in accordance with state r freshwater sources. This water is mixed with sand and a sr	egulations using water recycled	from previously fractured	wells and obtained from	
getting agent, gel breaker, friction reducer, blocide, and sca	te inhibitor), referred to in the in	of chemicals (including	ompletion. Maximum	
anticipated internal casing pressure is expected to average	approximately 8500 psi, maxim	rum anticipated treating ra	ites are expected to average	
approximately 100 bpm. Stage lengths vary from 150 to 30 vary from 100 mesh to 20/40 mesh. Average approximately	iO feet. Average approximately	200,000 barrels of water	per stage. Sand sizes	
vary non-roo mesh to zono mesh. Average approximates	y 200,000 pounds or sand per s	stage.		
21) Total area to be disturbed, including roads,	stockpile area, pits, etc.	(acres):	19.39	· · · · · · · · · · · · · · · · · · ·
22) Area to be disturbed for well pad only, less i	accore road (nerop):		47.00	, , , , , , , , , , , , , , , , , , ,
23) Describe centralizer placement for each case	sing string.		17.89	
 Surface: Bow spring centralizers – One at the 	shoe and one spaced ev	ery 500'.		
 Intermediate: Bow spring centralizers— One ce Production: One spaced every 1000' from KOI 	nt at the shoe and one s	paced every 500'.		
- 1 roddelion. One spaced every 1000 from RO	- to mit csg snoe			
24) Describe all cement additives associated wi	th each cement type.	Surface (Type 1 Ce	ment): 0-3% Calcium Chlorid	le
Used to speed the setting of cement slurries. 0.4% flake. Loss Circulation Material (LCM) is used t	a combat the less of the es			
Intermediate (Type 1 Cement): 0-3% Calcium Chloride	2. Salt is used in shallow, low t	emperature formations t	one.	•
slurries. 0.4% flake. Loss Circulation Material (LCM)	is used to combat the loss of	of whole drilling fluid or	cement slurry (not filtrate)	
to a thief zone.				
Production:				
Lead (Type 1 Cement): 0.2-0.7% Lignosulfonate (Retar	der). Lengthens thickening ti	me.		500
0.3% CFR (dispersant). Makes cement easier to mix	ι			PECEIVED Office of Oil and Ga
Tail (Type H Cement): 0.25-0.40% Lignosulfonate (Ret	arder). Lengthens thickening t	time.		
0.2-0.3% CFR (dispersant). This is to make the ceme	·			NOVOE
60 % Calcuim Carbonate. Acid solubility.				WV Department of
0.4-0.6% Halad (fluid loss). Reduces amount of water	er lost to formation		MAC	nvironmental Protection
and the second s	in lost to formation.		Environn	nvironmental Protection Department of Dental Protection
25) Bronocod horobolo conditioning according	#			
25) Proposed borehole conditioning procedures.				ating
one full joint until cuttings diminish at surface. When				
minutes. To ensure that there is no fill, short trip two				
and circulate hole clean. A constant rate of higher th	an expected cuttings volum	e likely indicates wash	outs that will not clean up.	
Intermediate: Circulate hole clean (Approximately 30-45	minutes) rotating & reciproca	ting one full joint until cu	ittings diminish at	
surface. When cuttings returning to surface diminish	, continue to circulate an ad	ditional 5 minutes. If fo	am drilling, to enhance	.
hole cleaning use a soap sweep or increase injection	rate & foam concentration.			
Production: Pump marker sweep with nut plug to determ	nine actual hole washout. Calc	culate a gauge holes bott	oms up volume.	
Perform a cleanup cycle by pumping 3-5 bottoms up				
the shakers every 15 minutes.			gg ==	

*Note: Attach additional sheets as needed.





November 2, 2015

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

Re: Casing plan on Wells (FAW60)

Dear Mr. Smith.

EQT is requesting the 13-3/8" surface casing be set at 978' KB, 100' below the deepest fresh water. We will set the 9-5/8" intermediate string at 2250' KB, 50' below the base of the Bayard formation.

If you have any questions, please do not hesitate to contact me at (304) 848-0076.

Sincerely,

Vicki Roark

Permitting Supervisor

Enc.

RECEIVED Office of Oil and Gas

NOV 05 2015

WV Department of Environmental Protection



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

Environmental Resources Specialist / Permitting 4709101323

Promoting a healthy environment.

Received Office of Oil & Gas AUG. 26 2015



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.

4709101323

Promoting a healthy environment.

Received
Office of Oil & Gas
AUG. 2 6 2015

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

4709101323

Received
Office of Oil & Gas
AUG. 2 6 2015

WW-9 (2/15)

	Pag	ge	1	of	2
API No. 47	-	091	-	_	0
Operator's 1	Well			515826	

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 (HUC10)	Hustead Fork of Booths Creek	Quadrangle	Fairmont West		
Do you anticipate using me	ore than 5,000 bbls of water to comp	lete the proposed well	work? Yes_x_N	No .	
Will a pit be used ? Yes: _	XNo:				
If so please describ	e anticipated pit waste:	flowback water &	residual solids		
Will a synthetic line	r be used in the pit? Yes X	NoIf	so, what ml.?	60	
Proposed Dispos	Reuse (at API Number	Permit Number (Various n WW-9 for disposal lo		<u>)</u>)	
	used? Yes, The closed loop systemen prepared for transportation to an off-s		from the drilling		
Drilling medium anticipated	I for this well (vertical and horizontal) e wellbore (surface, intermediate, and pilot). Water based hole, curve, and lateral sections will be drilled with either ai	? Air, freshwater, oil ba	hole conditions to stabilize	0910132	
Additives to be used in drill alkalinity control, lime, filtration control	nat type? Synthetic, petroleum, etc_ing medium? Air - biodegradable oil lubricar bil, emulsifier, salt, lime, viscosifer, alkalinity co	bricant , detergent, defoaming, waten	alt, x-cide, carbonates.		3
biodegradable oil lubricant, defoa	ming, carbonates.				
 If left in pit and pla 	hod? Leave in pit, landfill, removed on the solidify what medium will be used? (Cen name/permit number?		Landfill n/a I List		
Permittee shall provide written any West Virginia solid waste disclose where it was properly	notice to the Office of Oil and Gas of an facility. The notice shall be provided with disposed.	y load of drill cuttings or a nin 24 hours of rejection a	ssociated waste reject nd the permittee shall a	ed at also	
on August 1, 2005, by the Office of	nd agree to the terms and conditions of the G of Oil and Gas of the West Virginia Department eable by law. Violations of any term or conditional ment action.	nt of Environmental Protectio	n. I understand that the		
application form and all attachmer	withat I have personally examined and am far hits thereto and that, based on my inquiry of the information is true, accurate, and complete. I	ose individuals immediately	responsible for obtaining		
Submitting false information, include Company Official Signature Company Official (Typed Normany Official Title	ding the possibility of fine or imprisonment. ame)	Victoria J. Beark nitting Supervisor		Received Office of Oil & Ga	as
Subscribed and sworn befo	re me this day of _	August	, 20 <u>15</u> Notary Public		
My commission expires	4-1-00			OFFICIAL SE	AL
				NOTARY PUE STATE OF WEST V REBECCA L. H EO1270472	BLIC

Form WW-9

4709101323

Proposed Revegetation	Treatment: Acres Dist	turbed	19.39	Prevegetation	pH 6.0
		Tons/acre or to correct to pH			
	Granular				
Fertilizer Amour	nt <u>1/3</u>	lbs/acre	(500 lbs minimum)		
Mulch	2		Tons/acre		
		See	d Mixtures		
	porary			Permanent	
Seed Type KY-31	lbs/acre 40		Seed Type Orchard Grass		lbs/acre 15
Alsike Clover	5		Alsike Clover		5
Annual Rye	15				
	on,pit and proposed ar	rea for land a			
Drawing(s) of road, location			pplication.		
Orawing(s) of road, location Photocopied section of inv	volved 7.5' topographi	c sheet.	application.		
Orawing(s) of road, location of investion of investigation of invest	volved 7.5' topographic	c sheet.	epplication.		
Photocopied section of inv Plan Approved by:	volved 7.5' topographic	sheet.	epplication.		
Photocopied section of inv Photocopied section of inv Plan Approved by:	volved 7.5' topographic	c sheet.	epplication.		
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Plan Approved by:	volved 7.5' topographic	c sheet.	epplication.		
Comments:	Prolved 7.5' topographic	c sheet.	epplication.		

EQT Production Water plan Offsite disposals for Marcellus wells

CWS TRUCKING INC.

P.O. Box 391 Williamstown, WV 26187 740-516-3586 Noble County/Noble Township Permit # 3390

LAD LIQUID ASSETS DISPOSAL INC.

226 Rankin Road Washington, PA 15301 724-350-2760 724-222-6080 724-229-7034 fax Ohio County/Wheeling Permit # USEPA WV 0014

TRI COUNTY WASTE WATER MANAGEMENT, INC.

1487 Toms Run Road Holbrook, PA 15341 724-627-7178 Plant 724-499-5647 Office Greene County/Waynesburg Permit # TC-1009

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive Bridgeport, WV 26330 304-326-6027 Permit #SWF-1032-98 Approval #100785WV

Waste Management - Northwestern Landfill

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

BROAD STREET ENERGY LLC

37 West Broad Street Suite 1100 Columbus, Ohio 43215 740-516-5381 Washington County/Belpre Twp. Permit # 8462

TRIAD ENERGY

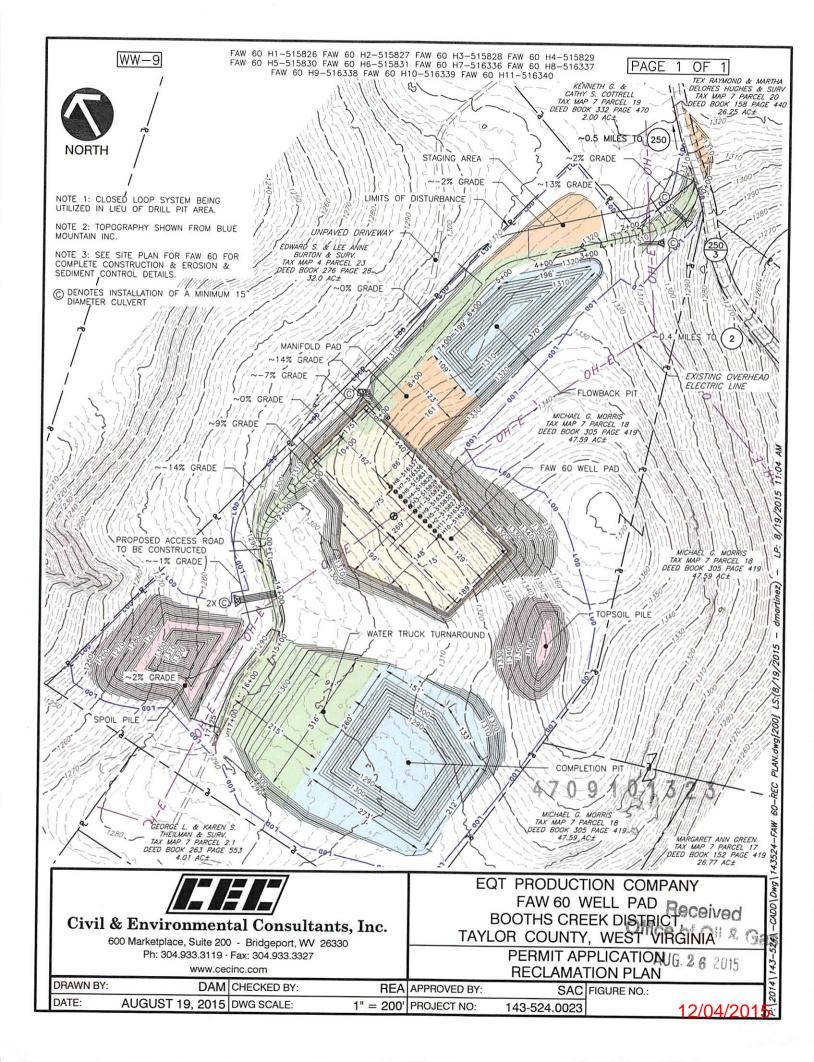
P.O. Box 430
Reno, OH 45773
740-516-6021 Well
740-374-2940 Reno Office Jennifer
Nobel County/Jackson Township
Permit # 4037

KING EXCAVATING CO.

Advanced Waste Services 101 River Park Drive New Castle, Pa. 16101 Facility Permit# PAR000029132

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Office of OHR Gas
AUG. 26 2015



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Site Specific Safety Plan

EQT FAW 60 Pad

Fairmont- West Quadrant

Taylor County, WV

.5158alo		is:
EQT Production Denomitting spen Title 8-24-15 Date	Date Prepared:	August 18, 2015 WV Oil and Gas Inspector Title 11-4-15 Date

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 I 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:

٠,			
1	Lease	Nam	e or

Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
965747			Min 1/8 pd	<u> </u>
	John Sandor	Hunt Marcellus, LLC		LB62/178
	Stephany Mallery	Hunt Marcellus, LLC		LB62/181
	Stephen Sandor	Hunt Marcellus, LLC		LB62/185
	Hunt Marcellus, LLC (50%)	EQT Production Company		AB33/526
	Michael G. Morris (50%)	EQT Production Company		LB66/66
965690				
	Margaret Ann Green	Hunt Marcellus, LLC	Min 1/8 pd	LB60/713
	Hunt Marcellus, LLC	EQT Production Company	•	AB33/526
965697			Min 1/8 pd	
	Lyle G. Moore	Hunt Marcellus, LLC	······································	LB61/85
	Hunt Marcellus, LLC	EQT Production Company		AB33/526
1009271			Min 1/8 pd	
	Thomas E. Proud	EQT Production Company		LB67/170

Upon information and belief, 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.

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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:

- 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

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.

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

Date of Notice Certification:			API No. 47 0	091 - 0
			Operator's Well No.	<u> </u>
			Well Pad Name:	FAW60
Notice has	s been given:			
		Code § 22-6A, the Operator has provided	the required parties wi	ith the Notice Forms listed
below for th	ne tract of land as follows:	your of all objections that because	mo roquiros partico m	ur trie rivotoe i orino nateu
State:	WV	UTM NAD 83 Easting:		572,113.96
County:	Taylor	UTM NAD 83 Northing:		4,359,302.02
District:	Booths Creek	Public Road Access:		Co. Rt. 250
Quadrangle:	Fairmont West	Generally used farm name:		Michael G. Morris
Watershed:	Hustead Fork of Booths Cre	ek		
requirement Virginia Cod of this article Pursuant to	ts of subsection (b), section sixtede § 22-6A-11(b), the applicant see have been completed by the applicant Section 22-6A, the	e Operator has attached proof to this Notice	y the surface owner; ar etary that the notice re	nd Pursuant to West quirements of section ten
	erator has properly served the re CHECK ALL THAT APPLY	quired parties with the following:		OOG OFFICE USE ONLY
	E OF SEISMIC ACTIVITY or	NOTICE NOT REQUIRED BECAN		RECEIVED/NOT REQUIRED
NOTICE	E OF ENTRY FOR PLAT SU	RVEY or - NO PLAT SURVEY W	ASCONDUCTED	☐ RECEIVED
MOTICE	E OF INTENT TO DRILL or	NOTICE NOT REQUIRED BEEA NOTICE OF ENTRY FOR PLAT WAS CONDUCTED OR		RECEIVED/NOT REQUIRED
		MRITTEN WAIVER BY SURFAC (PLEASE ATTACH)	E OWNER	
NOTICE	E OF PLANNED OPERATIO	N		☐ RECEIVED
▽ PUBLIC	NOTICE		;	☐ REGEIVED
NOTICE	E OF APPLICATION			☐ RECEIVED
			l l	

Required Attachments:

Received

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have 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 Add 2 6 2015 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.

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Certification	of	Notice	is	hereby	given:
Columbutori	$\mathbf{v}_{\mathbf{i}}$	INOLICE	73	IICICDV	GIV CII.

THEREFORE, I _______, 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
 Address:
 P.O. Box 280

 By:
 Victoria J. Roark
 Bridgeport, WV 26330

 Its:
 Permitting Supervisor
 Facsimile:
 304-848-0040

 Telephone:
 304-848-0076
 Email:
 vroark@eqt.com



Subscribed and sworn before me this

24 day of

,20

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.

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(9-13)

API NO.	<u>47</u>	-	091	 (
OPERATO	R WEL	L NO.		515826
Well Pad	Nam	FAW60		

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

Notice Time Requirement: notice shall be provided no later than the filing d Date of Notice:	
Notice of:	
PERMIT FOR ANY WELL WORK CONSTRUCTION OF AN I	
Delivery method pursuant to West Virginia Code § 22-6A-10(b)	
	ETHOD OF DELIVERY THAT REQUIRES A CEIPT OR SIGNATURE CONFIRMATION
for the construction of an impoundment or pit as required by the requires a receipt or signature confirmation, copies of the appl plat to each of the following persons: (1) The owners of record the surface tract or tracts overlying the oil and gas leasehold be disturbance as described in the erosion and sediment control plessee, in the event the tract of land on which the well propose record of the surface tract or tracts overlying the oil and gas leconstruction, enlargement, alteration, repair, removal or aband water purveyor who is known to the applicant to have a water which is used to provide water for consumption by humans or work activity is to take place. (c)(1) If more than three tenants in the lands, the applicant may serve the documents required u article one, chapter eleven-a of this code. (2) Notwithstanding unless the lien holder is the landowner. W. Va. Code R. § 35-8 the surface owner and any water purveyor or surface owner suffice. Application Notice SURFACE OWNER(s)	g date of the application, the applicant for a permit for any well work or for his article shall deliver, by personal service or by registered mail or by any ication, the erosion and sediment control plan required by section seven of d of the surface of the tract on which the well is or is proposed to be located; eing developed by the proposed well work, if the surface tract is to be used lan submitted pursuant to subsection (c), section seven of this article; (3) d to be drilled is located [sic] is known to be underlain by one or more coal aschold being developed by the proposed well work, if the surface tract is to comment of any impoundment or pit as described in section nine of this well, spring or water supply source located within one thousand five domestic animals; and (6) The operator of any natural gas storage field in common or other co-owners of interests described in subsection (b) of pon the person described in the records of the sheriff required to be any provision of this article to the contrary, notice to a lien holder is not B-5.7.a requires, in part, that the operator shall also provide the Well Site bject to notice and water testing as provided in section 15 of this rule. Well Plat Notice is hereby provided to: COAL OWNER OR LESSEE
Name: Michael G, Morris Address: 512 Tappan Road Grafton WV 26354	Name: Michael G. Morris Address: 512 Tappan Road Grafton WV 26354
Name: Address:	See attached for additional coal owners. COAL OPERATOR Name: Address:
SURFACE OWNERS(s) (Road and/or Other Disturbance) Name: Michael G, Morris Address: 512 Tappan Road Grafton WV 26354	SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Kenneth G. and Cathy Cottrell Address: 430 Tappan Road Grafton WV 26354 See attached for additional road/ other disturbance owners.	Name: Michael G. Morris Address: 512 Tappan Road Grafton WV 26354 See Attached for additional water purveyors.
SURFACE OWNER(s) (Impoundments/Pits) Name: Michael G, Morris \ Address: 512 Tappan Road Grafton WV 26354	OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name: Address: Received
	*Please attach additional forms if necessary

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Additional Access Road Owners:

Tex Raymond and Martha Delores Hughes

√
383 Tappan Road
Grafton WV 26354

Additional Coal Owners:

Coalquest Development LLC c/o Ark Land Company Attn: Dave Finnerty One City Place Drive St. Louis MO 63141-7056

Additional Water Puryeyors:

William R and Sally L Hostutler 2660 Rock Union Rd. Fairmont WV 26554

Edward S and Lee Anne Burton and Surv Rr 4 Box 509
Fairmont WV 26554

Tex Raymond and Martha Delores Hughes and Surv.

383 Tappan Road
Grafton WV 26354

Kenneth G. and Cathy Cottrell and Surv. 430 Tappan Road Grafton WV 26354

George and Karen S Theilman and Surv. 492 Mohawk Rd. Grafton WV 26354

Robin V Leeper 1576 Turkey Run Rd. Grafton WV 26354

John T and Patricia P Marshal 162 Aspen Dr. Fairmont WV 26554

Robert W and Vivian L Sickles and Surv.

388 Mohawk Rd.

Grafton WV 26354

Gary and Kimberly Weaver and Surv. 6430 Beverly Pike Fairmont WV 26554 4709101323

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Office of Oil & Gas

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API NO. <u>47</u> - <u>091</u>	-		0
OPERATOR WELL NO.			515826
Well Pad Name:		FAW60	

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 predrilling 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, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

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 center 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 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) Nowell pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, sond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thoughnd 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 regularities. ons regarding occupied. Gas dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions dwelling structures are inadequate or otherwise require alteration to address the items

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WW-6A (8-13)

API NO. 47 - 091 - 0

OPERATOR WELL NO. 515826

Well Pad Name: FAW60

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-bycase basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) 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 sequired water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written 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

Received
Office of Oil & Gas

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

WW-6A (8-13)

API NO. 47 -OPERATOR WELL NO

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 1323 Received of Oil & qualified to test water.

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Office of Oil & Gas

Notice is hereby given by:

Well Operator:	EQT Production Company	Address:	115 Professional Place P.O. Box 280
Telephone:	304-848-0082		Bridgeport, WV 26330
Email:	Vroark@eqt.com	Facsimile:	304-848-0041

Oil and Gas Privacy Notice:

OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA REBECCA L. HEATER

PO BOX 280 BRIDGEPORT, WV 26330

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.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, 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.

By: Victoria Roark

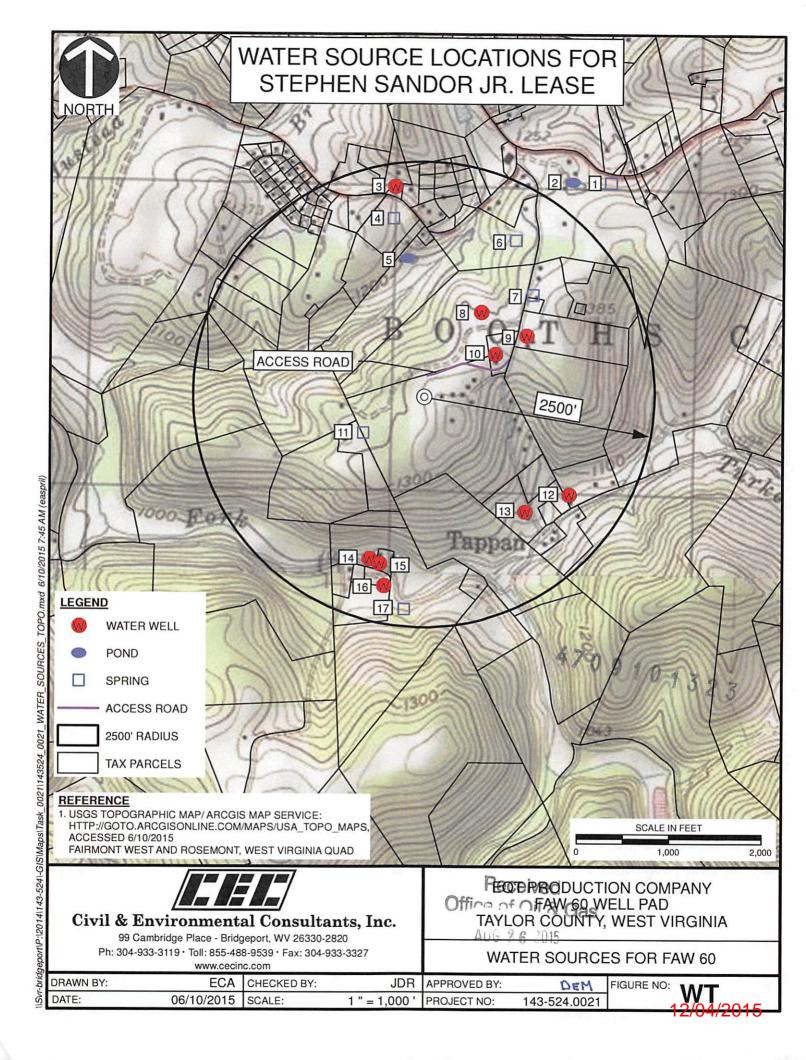
Its: Permitting Supervisor

Subscribed and sworn before n day of Hugust, 2015

My Commission Expir

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Received
Office of Oil & Gas
AUG 2 6 2015



STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Re	equirement: Notice shall be provided at least S	EVEN (7) days but no more than FC	DRTY-FI	VE (45) days prior to entry.
Date of Notice:	: 6/20/2014	Date of Planned E	ntry:	6/30/2014
Delivery metho	od pursuant to West Virginia Code § 22-6A-10	O(a):		
PERSONA	AL SERVICE X CERTIFIED MAIL	METHOD OF DELIVERY THAT REQ	UIRES A	RECEIPT OR SIGNATURE CONFIRMATION
tract to conduct prior to such en pursuant to sec records. The no and gas explora	st Virginia Code § 22-6A-10(a), prior to filing a part any plat surveys required pursuant to this articularly to: (1) The surface owner of such tract; (2) action thirty-six, article six, chapter twenty-two obtice shall include a statement that copies of the ation and production may be obtained from the State Secretary's web site, to enable the surface of	le. Such notice shall be provided at to any owner or lessee of coal sea of this code; and (3) any owner of a state Erosion and Sediment Controsectary, which statement shall inc	least se ms bene mineral ol Manu lude cor	even days but no more than forty-five days eath such tract that has filed a declaration is underlying such tract in the county tax all and the statutes and rules related to all
Notice is hereb	by provided to:			
X SU	RFACE OWNER(S)	X MIN	ERAL O	WNER(S)
	chael G. Morris	Name: Mich	nael G. N	Morris
	2 Tappan Rd.		Tappan	
	afton, WV 26354-8354	Graf	ton, WV	26354-8354
Coa	AL OWNER(S) OR LESSEE(S) al Declaration pursuant to §22-6A-10 and 2-6-36 Not of Record	*Plea	se attach	additional forms if necessary
Notice is hereb	by given:			,
Pursuant to Wes	st Virginia Code § 22-6A-10(a), notice is hereby as follows:	given that the undersigned well ope	erator is	planning entry to conduct a plat survey on
State:	West Virginia	Approx. Latitude & Longitude:	39.378	344/-80.16373
County:	Taylor	Public Road Access:	CR 25	
Dist/Map/Par:	Booths Creek / Map 7 / Parcel 18	Watershed:		Valley
Quadrangle:	Fairmont West	Generally Used Farm Name:	Morris	
obtained from th (304-926-0450).	state Erosion and Sediment Control Manual ar ne Secretary, at the WV Department of Environn . Copies of such documents or additional infor v/oil-and-gas/pages/default.aspx.	nental Protection headquarters. loca	ited at 6	01 57th Street, SE, Charleston, WV 25304
Notice is hereb	by given by:			
Well Operator:	EQT Production Company	Address:	115 Pro	fessional Place, Bridgeport, WV 26330
Telephone:	304-848-0099	EQT Representative:		
Facsimile:	304-848-0040	, -	17	1 117
	eqtlandentrynotice@eqt.com	Signature: _	Pa	thy Kuge
Oil and Gas Pri	ivacy Notice:			

The Office of Oil and Gas processes your personal information, such a name, address and telephone number, as part of 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 or regulatory requirements, including Freedom of Information Act requests. Our onice will appropriately secure your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@WV.gov.

Aug. 2 6 2015

EQT PRODUCTION API NO. 47-115 PROFESSIONAL PLACE OPERATOR WELL NO. H1 - 515826 BRIDGEPORT, WV 26330-4509Well Pad Name: FAV60

11-362

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WELL LOCATION RESTRICTION WAIVER

	be advised that well work permits ar	_ is applying for a perr e valid for twenty-four	nit from the State (24) months.	e of West Virgin	nia to conduct oil or gas well
Pursuant to W any existing v located within larger used to dwellings or a provided in se article was pro by written con clerk of the covariance by th or practices to conditions the	n Restrictions Vest Virginia Code § 22-6A-12(a), vater well or developed spring used is ix hundred twenty-five feet of an house or shelter dairy cattle or postgricultural buildings that existed on action ten of this article or a notice of ovided, whichever occurs first, and to insent of the surface owner transmit ounty commission for the county in the secretary from these distance restricts be employed during well site consideratment requires to ensure the sance, bonding and indemnification, as	I for human or domestic occupied dwelling struc- oultry husbandry. This is the date a notice to the f intent to drill a horizon o any dwelling under co- ted to the department as which such property in interiors upon submission struction, drilling and outery and protection of a	c animal consuncture, or a building limitation is apple surface owner ontal well as provious truction prior and recorded in the surface of a plan which perations. The suffected persons a	nption. The center two thousands plicable to those of planned entry ded in subsection to that date. The real property ermore, the well identifies the subsection identifies the subsection identifies the subsection.	ter of well pads may not be d five hundred square feet or se wells, developed springs, y for surveying or staking as on (b), section sixteen of this his limitation may be waived by records maintained by the d operator may be granted a sufficient measures, facilities ted, shall include terms and the terms and conditions may
, Michael G. Morri		WAIVE		20 21	W-6A and the associated
WW-6A and a required, and t State: County:	ed above, and that I have received contrachments consisting of pages one (the well plat, all for proposed well wow. West Virginia Taylor	opies of a Notice of App (1) through (1) ork on the tract of land UTM NAD UTM NAD	olication, an Appl , including the as follows: 0 83 Easting: 0 83 Northing:	39.380187 -80.162703	ell Work Permit on Form
District: Quadrangle:	Booths Creek Fairmont West	Public Roa	d Access: used farm name:	Tappan Road	
I further state t issued on those WELL SITE *Please check	Hustead Fork of Booths Creek that I have no objection to the planna e materials and I therefore waive all RESTRICTIONS BEING WAIVE all that apply IG WATER WELLS	well site restrictions list	ted under West V	Virginia Code § FION BY A NA Pickarel 5 thatel G. Monis	22-6A-12(a). TURAL PERSON
	OPED SPRINGS	* *	FOR EXECUT Company:		DRPORATION, ETC.
■ DWELL□ AGRICU	INGS LTURAL BUILDINGS		By: Its: Signature: Date:		TAYLOR County 03:07:35 PM Instrument No 2015005614 Date Recorded 04/06/2015
Well Operator: By: Its:	Tohn W. Damato Afterney in fact	Signat Telept		304-848.	Pages Recorded 1 Book-Page 11-362
•	NER FOR WEST VIRGINIA JANGE RREVARSAL Bridgeport, WV sion Expires March 07, 2023	Subscribed and sworm My Commission Expi	, fl	31 st day of	Notary Public
Oil and Gas Pri	ivacy Notice:	1		01 13 Feb 3 165	

personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with agencies or third parties in the normal course of business or as needed to comply with agencies or third parties in the normal course of business or as needed to comply with agencies or third parties in the normal course of business or as needed to comply with agencies or third parties in the normal course of business or as needed to comply with agencies or third parties in the normal course of business or as needed to comply with agencies or third parties in the normal course of business or as needed to comply with a course of business or a course of business or a course of b

AUG. 2 6 2015



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

Earl Ray Tomblin Governor

1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

Paul A. Mattox, Jr., P. E. Secretary of Transportation/ Commissioner of Highways

August 24, 2015

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 FAW60 Well Site, Taylor County

4700701323 515826 FAW60 H1 515827 FAW60 H2 515828 FAW60 H3 515830 FAW60 H5 515831 FAW60 H6 516336 FAW60 H7 516337 FAW60 H8 516338 FAW60 H9 516339 FAW60 H10 516340 FAW60 H11

Dear Mr. Martin.

This well site will be accessed from Permit # 04-2015-0781 issued to EQT Production Company for access to the State Road for a well site located off of Taylor County Route 250/3 SLS.

The 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 dated January 3, 2012.

Very Truly Yours,

Gary K. Clayton

Regional Maintenance Engineer

Day K. Clayton

Central Office Oil & Gas Coordinator

Cc: Nick Bumgardner

EQT Production Company

CH, OM, D-4

File

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Anticipated Frac Additives Chemical Names and CAS numbers

<u>Material</u>	Ingredient	CAS Number
Water		
Sand	Hydrotreated light petroleum distillate	14808-60-7
Friction Reducer	Tributyl tetradecyl phosphonium chloride	64742-47-8
Biocide	Ammonium chloride	81741-28-8
Scale Inhibitor	Hydrochloric Acid	12125-02-9
15% Hydrochloric Acid	Propargyl Alcohol	7647-01-0
Corrosion Inhibitor	Methanol	107-19-7
Corrosion Inhibitor	Guar Gum	67-56-1
Gelling Agent	Sodium Persulfate	9000-30-0
Oxidizing Breaker	Potassium Carbonate	7775-27-1
Buffering Agent		584-08-7

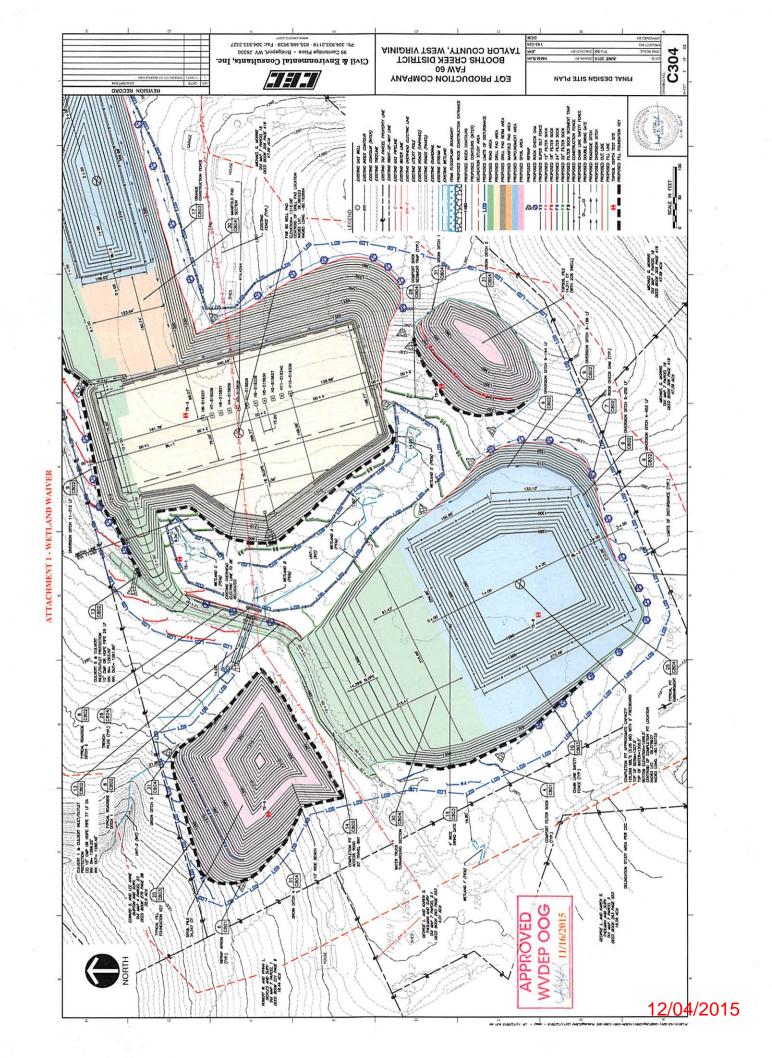
*JOOTOTO

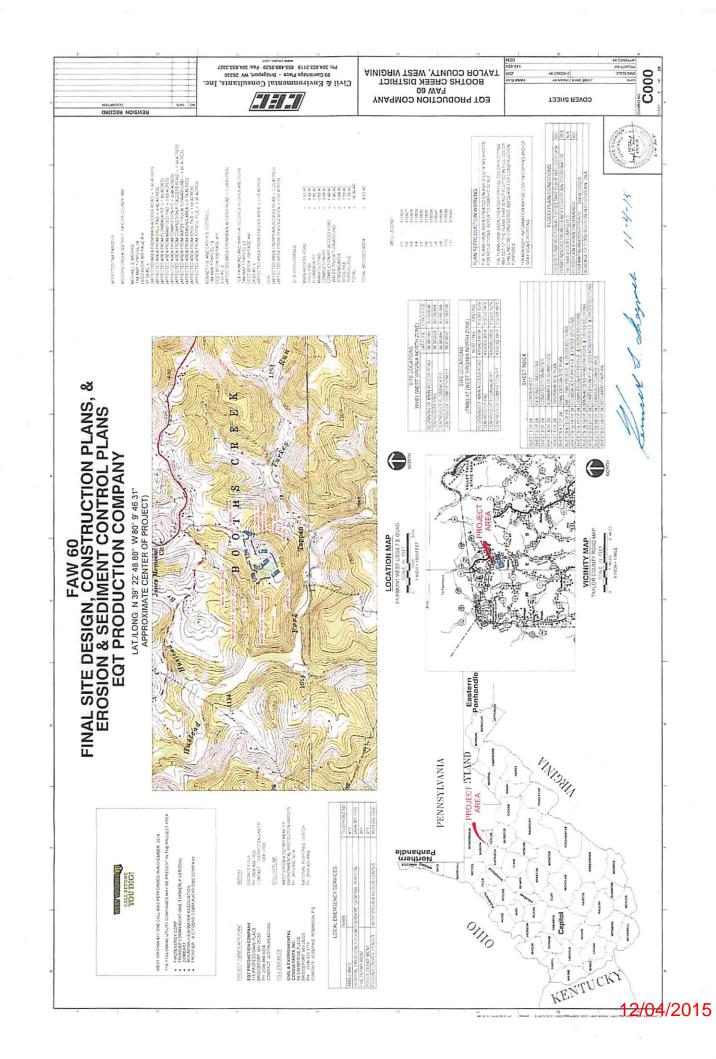


AUG 26 2015



N EP SIGNATULI AL - MAN - SIGNATULIDES







West Virginia Department of **Environmental Protection** Office of Oil & Gas 601 57th Street SE Charleston, WV 25304-2345

DEP Office Use only	
Date Received by Oil & Gas: 11-3b-15	
Assigned Impoundment ID#: 09 1 - WP4 - M	7 29

Permit Associated Impoundment / Pit Registration

Instruction: This form is to be used to register impoundments or waste pits, greater than 5,000 bbls, that are associated with a WVDEP, Office of Oil and Gas, well drilling permit. An associated impoundment or pit means it has been designed and included in the well drilling permit application, will follow the reclamation time frame of well work permit, and will be approved in conjunction with the well work permit. An impoundment ID number will be assigned by WVDEP, Office of Oil and Gas, to all impoundments and pits. This impoundment ID number will be sent to the applicant following receipt of this form by WVDEP. Please reference this impoundment ID number with all future correspondence and reference to this impoundment. Conditions as described in W.Va. State Rule §35-4in Og TO 13 21 will be followed as it relates to impoundments and pits.

Section 1 – Operator Information

Operator Name:	EQT Production Company		
Operator ID:	306686		<u> </u>
Address: Street	115 Professional Place		
City:	Bridgeport	State: WV	Zip: 26330
Contact Name:	Phillip Keaton	Contact Title:	Regional Manager Construction
Contact Phone:	304-348-7605	 Contact Email:	pkeeton@eqt.com

Section 2 – Engineering / Design Contractor Information

Design will be contracte	d ■ Designed in-house □						
Company Name:	Company Name: Civil & Environmental Consultants, Inc.						
Address: Street	Address: Street 600 Marketplace Avenue, Suite 200						
City:	Bridgeport	State: wv	Zip: 26330				
Contact Name:	Joseph D. Robinson	Contact Title:	Project Manager				
Contact Phone:		Contact Email:	jrobinson@cecinc.com				
Certifying Professional Engineer: Joseph D. Robinson							
Professional Engineer R	Professional Engineer Registration Number: 19756						
		<u> </u>					

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Office of Oil and Gas

Section 3 - Impoundment / Pit Information

Type of Structure. Check one of two	o choices below:						
☐ Freshwater Impoundment							
Note: Any waste in a pit will make it a w	vaste pit.						
Name of Structure (Company Name	S + FAM 60 Flowback Dit						
County: Taylor		Booths Creek					
	District: _ airmont West	BOOTIS CIEEK					
Farm Name: Stephen Sandor Jr.	aimont vvest						
Pad Name: FAW 60							
Surface Owner Name: Michael G. Mo	orris, et ux						
	North on I-79 and go 12.6 miles. Take exit	132 and turn right onto US Rt. 250 and go 3.2 miles, right onto					
Co. Rt. 250/2 and go 200 feet. Turn left onto							
(Note: Give general location, example: 2 mile							
Watershed (nearest perennial): Ui		,					
Distance (Drainage Distance) to nea		Hustead Fork					
	·						
Location Coordinates (NAD83, Deci	imal Degrees (xx.xxxx, -xx.xxxx	x))					
Latitude: 39.380881	Longitude (Use negative sign	**					
UTM Coordinates : 572225.5279	•	9380.0852 N					
Access Road Coordinates (junction	of state highway access)	470					
Latitude: 39.381080							
UTM Coordinates : 572380.556	69 E 4359	0403.6738					
		- 3					
Approximate Dimensions							
	idth:	Height: 15' berm; 13' capacity w/ 2' FB					
Note: If irregularly shaped, give approximate	dimensions of long axis.						
Total Capacity - Provide all units of	measure below:						
Barrels: 40,555 Ga	allons: 1,703,410	Acre-Feet: 5.228					
Capacity with 2' Freeboad - Provide							
Barrels: 30,396 Ga	allons: 1,276,721	Acre-Feet: 3.918					
Incised volume:							
Barrels: 30,396 Ga	allons: 1,276,721	Acre-Feet: 3.918					
Net impounded volume: (Total volum							
Barrels: 10,159 Ga	allons: <u>426,689</u>	Acre-Feet: 1.309					
Antistrated Order W. Co	, ,, ,,	\\\					
Anticipated Construction Start Date ((estimation non-binding)· NO	VEMBER 2015					
Note: No construction may begin on	Associaated impoundment						
Note: No construction may begin on calendar days prior to confirmed con	Associoated impoundment un	ntil WVDEP issues the drilling permit. A least 7					

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Section 4 - Associated Well Numbers and API Numbers. List associated well numbers and API number. API numbers may not be assigned at time of registering this impoundment, if so list as pending.

Well Number(s):	API Number(s) – If issued:
515826; 515827	
515828; 515829	
515830; 515831	
516336; 516337	
516338; 516339	
516340	

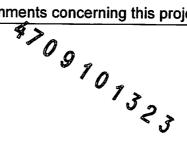
Section 5 - Required Information Checklist To Register Permit Associated Impoundments or Pits. Include the following information and plans with application.

- Engineered Construction Plans, certified by WV Registered P.E.
- Erosion and Sediment Control Plan, certified by WV Registered P.E.
- Reclamation Plan, certified by WV Registered P.E.

Section 6 - Dam Standard Qualifying Evaluation

The design of this structure has been evaluated by the applicant to determine it does NOT qualify to be defined as a dam, under W.Va Rule §47-34. If the design of this structure qualifies it to be defined as a dam, all permits regulating dams will be required prior to registering the structure with the Office of Oil and Gas. The dam standard, from the WVDEP, Div. Of Water and Waste, is available for review at: http://www.dep.wv.gov/WWE/ee/ds/Pages/default.aspx

Section 7 –Comments – Provide any additional comments concerning this proje	pmments - Provide any additional comments concerning this proje
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Office of Oil & Gas

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Section 8 - Application Certification

I hereby certify that the information listed above is true and accurate. I understand that this pit/impoundment is to be constructed only in a location appropriate for the storage of water, including wastewater, and will be constructed in accordance with plans designed and certified by a West Virginia registered professional engineer. I further recognize that all required plans have been submitted to the Office of Oil and Gas. I understand that after construction, and prior to any fluid being placed in the pit/impoundment, it shall be inspected by a West Virginia registered professional engineer to ensure compliance with the certified design and construction plan, and that the professional engineer shall certify that this structure was constructed in accordance with design and construction plans. I understand that such certification shall be in writing to the Chief and that no fluids may be placed in the pit/impoundment until the certification has been filed with the chief. I agree that this pit/impoundment shall be constructed, maintained, operated and closed in accordance with all applicable laws and rules, including the requirements of W. Va. Code R § 35-4-2.

Name:	Victoria Ti ROAK
Title:	Dermitting Speedisor
Signature:	
orginataro	mu f
Taken, subscribe	d and sworn to before me this, 20th Day of August 20 15
Notary Public:	Reliecea & Meater
My commission e	xpires: 4-7-20
Notary Seal:	
	OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA REBECCA L. HEATER EQT PRODUCTION COMPANY PO BOX 280 BRIDGEPORT, WV 26330 My commission expires April 07, 2020
Section 9. Sul	omittal Instructions
Submit original pa	west Virginia Department of Environmental Protection Office of Oil and Gas Impoundment Registration
	601 57 th Street, SE
	Charleston WW 25304

Depimpoundments@wv.gov

Email PDF file format of this application and all related engineering Plans to:

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West Virginia Department of Environmental Protection Office of Oil & Gas 601 57th Street SE Charleston, WV 25304-2345

DEP Office Use only	
Date Received by Oil & Gas: //-30-	15
Assigned Impoundment ID#: D91-WP4	1-003D

Permit Associated Impoundment / Pit Registration

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Section 1 – Operator Information

Operator Name:	EQT Production Company					
Operator ID:	306686					
Address: Street	115 Professional Place					
City:	Bridgeport	State:	w	Zip:	26330	
Contact Name:	Phillip Keaton	Conf	tact Title:	•	ager Construction	
Contact Phone:	304-348-7605			pkeeton@eqt.com		
Contact Phone:	304-340-7003	Conta	ict Email:	pkeeton@eqt.com	n	_

Section 2 – Engineering / Design Contractor Information

Design will be contracted ■ Designed in-house □	
Company Name: Civil & Environmental Consultant	s, Inc.
Address: Street 600 Marketplace Avenue, Suite 2	00
City: Bridgeport	State: WV
Contact Name: Joseph D. Robinson	Contact Title: Project Manager
Contact Phone: 304-848-7134	Contact Email: jrobinson@cecjiic.com
Certifying Professional Engineer: Joseph D. Robinson	<i>y</i> 2
Professional Engineer Registration Number: 19756	<i>(y</i>)
	-

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Office of Oil and Gas

Section 3 - Impoundment / Pit Information

Office of Oil & Gas

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Section 4 - Associated Well Numbers and API Numbers. List associated well numbers and API number. API numbers may not be assigned at time of registering this impoundment, if so list as pending.

Well Number(s):	API Number(s) – If issued:
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515828; 515829	
515830; 515831	
516336; 516337	
516338; 516339	
516340	

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Section 7 - Comments - Provide any additional comments concerning this project

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Section 8 - Application Certification

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Name:	Victoria J. Korak
Title:	The Bermitting Superulsor
Signature:	The the
Taken, subscrib	ped and sworn to before me this,
Notary Public:	Dehecca & Negter
My commission	expires: 4-1-20
Notary Seal:	
	OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA REBECCA L. HEATER EQT PRODUCTION COMPANY PO BOX 280 BRIDGEPORT, WY 26330 My commission expires April 07, 2020

Section 9. Submittal Instructions

Submit original paper copy of application to:

West Virginia Department of Environmental Protection
Office of Oil and Gas
Impoundment Registration
601 57th Street, SE
Charleston WW 25304

Email PDF file format of this application and all related engineering Plans to : Depimpoundments@wv.gov

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