

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

July 23, 2015

WELL WORK PERMIT Horizontal 6A Well

This permit, API Well Number: 47-9502264, 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

Operator's Well No: 514461

Farm Name: WELLS, VIVIAN J.

API Well Number: 47-9502264

Permit Type: Horizontal 6A Well

Date Issued: 07/23/2015

API Number:	

PERMIT CONDITIONS

4709502264

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.
- Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well.
 Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

WW - 6B (4/15)

4709502264

API NO.	47	•	095	*	
OPERATO	R WE	LLNO			51446
Well Par	1 Nar	ne:			SHR

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

1) Well Operator:	FOT Produ	ction Company		306686	095	7	
., rren operator.	LGI I TOGO	otton Company		Operator ID	County	District	Quadrangle
2) Operator's Wel	Number:		514461		_Well Pad Nar	ne	77.
3) Farm Name/Su	rface Owner:	v	ivian J Wells	et al	_Public Road /	Access:	60/2
4) Elevation, curre	nt ground:	1,018.0	Elev	ation, proposed p	ost-construction	n:1,011	.0
5) Well Type: (a) (3as <u> </u>	011	U	Inderground Stor	age		
C	Other						
(b) If Gas:	Shallow		Deep			Michael 7/14
		Horizontal					7/14
6) Existing Pad? Y	es or No	no					/
) Lasting rad 1	C3 01 110.						
) Proposed Targe	et Formation(s), Depth(s), Anti				20.00	
	et Formation(s), Depth(s), Anti		knesses and Associpated thickness to b		20.00	ssure of 2747 P
7) Proposed Targe	et Formation(s	s), Depth(s), Anti at a depth of 66:	34 with the anti-	cipaled thickness to b		20.00	ssure of 2747 P.
7) Proposed Targe Target formation is	Marcellus : Vertical Depti	s), Depth(s), Anti at a depth of 66:	34 with the anti-	cipaled thickness to b	e 52 feet and ant	20.00	ssure of 2747 P.
7) Proposed Targe Target formation is (i) Proposed Total (ii) Formation at To	et Formation(s Marcellus a Vertical Depth otal Vertical De	c), Depth(s), Anti at a depth of 66:	84 with the anti-	cipaled thickness to b	e 52 feet and ant		ssure of 2747 P
7) Proposed Targe Target formation is (i) Proposed Total (ii) Formation at To (iii) Proposed Total	et Formation(s Marcelus a Vertical Depth otal Vertical De	n), Depth(s), Anti at a depth of 66: n: epth:	34 with the anti-	cipaled thickness to b	6634 Marcellus		ssure of 2747 P
7) Proposed Targe Target formation is 1) Proposed Total 2) Formation at To 3) Proposed Total 1) Proposed Horizon	Vertical Deptibilation Deptibi	c), Depth(s), Anti at a depth of 66: n: epth: epth:	84 with the anti-	cipaled thickness to b	e 52 feet and ant 6634 Marcellus 15830	icipated target pre	ssure of 2747 P
7) Proposed Targe Target formation is	Vertical Deptibility Measured	c), Depth(s), Anti- et a depth of 66: epth: epth: epth: ngth trate Depths:	34 with the anti-	cipaled thickness to b	6634 Marcellus 15830 8,614	icipaled larget pre	ssure of 2747 P
7) Proposed Targe Target formation is 8) Proposed Total 9) Formation at To 10) Proposed Total 11) Proposed Horit 12) Approximate F 13) Method to Dete	Vertical Deptional Vertical Deptional Vertical Deptional Vertical Deptional Measured Deptional Leg Leg Legenth Water Stermine Fresh Vertical Vertic	a), Depth(s), Antiat a depth of 66: a: apth: apth: apth: apth frata Depths: Water Depth:	34 with the anti-	cipaled thickness to b	6634 Marcellus 15830 8,614 83, 133, 570	icipaled larget pre	ssure of 2747 P
7) Proposed Targe Target formation is 8) Proposed Total 9) Formation at To 10) Proposed Total 11) Proposed Horiz 12) Approximate F	Vertical Deptional Vertical Deption of the Marcello Services Deption of the Marcello Services Nature Services Nature Services Nature Deption of the Marcello Services Nature Nat	a), Depth(s), Antiat a depth of 66: a: apth: apth: apth: apth: trata Depths: Water Depth: hs:	34 with the anti-	cipaled thickness to b	6634 Marcellus 15830 8,614 83, 133, 570 By offset v	icipaled largel pre	ssure of 2747 P
7) Proposed Targe Target formation is 3) Proposed Total 3) Proposed Total 4) Proposed Total 7) Proposed Total 7) Proposed Horit 7) Proposed Horit 7) Approximate F 7) Method to Dete 7) Approximate S	Vertical Deptibility of the National Deptibility of the Na	a), Depth(s), Antiat a depth of 66: a: epth: epth: ngth trata Depths: Water Depth: hs; pths:	34 with the ania	cipaled thickness to b	6634 Marcellus 15830 8,614 83, 133, 570 By offset v	0, 906 wells	
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7) Proposed Target Target formation is 3) Proposed Total 9) Formation at To 10) Proposed Total 11) Proposed Horit 12) Approximate F 13) Method to Detect 14) Approximate S 15) Approximate C 16) Approximate D	Vertical Deptholal Vertical Deptholal Vertical Deptholal Leg	a), Depth(s), Antiata depth of 66: n: epth: epth: ngth trata Depths: Water Depth: hs: pths: ble Void (coal micontain coal sea	ine, karst, ot	19, 4 her):	6634 Marcellus 15830 8,614 83, 133, 570 By offset v 1198, 1865 420, 686, 875, 1	D, 906 vells None re	ported
7) Proposed Target Target formation is 3) Proposed Total 3) Proposed Total 4) Proposed Total 11) Proposed Horiz 12) Approximate F 13) Method to Dete 14) Approximate S 15) Approximate C 16) Approximate D 17) Does proposed	Vertical Deptholal Vertical Deptholal Vertical Deptholal Vertical Deptholal Measured Deptholal Leg Legistersh Water Stermine Fresh Vallwater Deptholal Seam Deptholal Vertical Ve	at a depth of 66: at a depth of	ine, karst, oti	19. her):	6634 Marcellus 15830 8,614 83, 133, 570 By offset v 1198, 1865 420, 686, 875, 1	D, 906 vells None re	ported
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RECEIVED Office of Oil and Gas

JUL 20 2015

WV Department of Environmental Protection

WW - 6B (4/15)

4709502264

API NO.	<u>47</u>	٠.	95	-	<u>02264</u>
OPERATO	R WEI	LL NO).		514461
Well Pac	Nan	ne:			SHR60

CASING AND TUBING PROGRAM

18)

18)							
TYPE	Size (in)	<u>New</u> or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (It)	INTERVALS: Left in Well (ft)	CEMENT: Fill- up (Cu.Ft.)
Conductor	20	New	MC-50	81	60	60	58 C.T.S.
Fresh Water	13 3/8	New	J-55	54.5	992	992	862 C.T.S.
Coal	-	_	-	-		-	_
Intermediate	9 5/8	New	A-500	40	2,777	2,777	1,084 C.T.S.
Production	5 1/2	New	P-110	20	15,830	15,830	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					\		

1/1⁷/15

TYPE	Size (in)	<u>Wellbore</u> <u>Diameter (in)</u>	<u>Wall</u> <u>Thickness</u> <u>(in)</u>	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	<u>Cement</u> <u>Type</u>	Cement Yield (cu. ft./k)
Conductor	20	24	0.375		18	Construction	1.18
Fresh Water	13 3/8	17 1/2	0.38	2,730	2184	* See Note 2	1.21
Coal							
Intermediate	9 5/8	12 3/8	0.395	3,950	3160	* See Note 2	1.21
Production	5 1/2	8 1/2	0.361	12,640	10,112	•	1.27/1.86
Tubing							
Liners							

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)

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Office of Oil angle 25 of 3

JUL 20 20'5

WV Department of Environmental Protection

(3/13)

19) Describe proposed well work, including the drilling and plugging back of any	pilot hole:
Dnil and complete a new horizontal well in the marcellus formation. The vertical dnil to go down	to an approximate depth of 5259'
then kick off the horizontal leg into the marcellus using a slick water frac	
· · · · · · · · · · · · · · · · · · ·	
20) Possible fracturing letimulating methods in detail, including anticipated may p	rossura and may rate
20) Describe fracturing/stimulating methods in detail, including anticipated max p Hydraulic fracturing is completed in accordance with state regulations using water recycled from previous.	
treshwater sources. This water is mixed with said and a small percentage (less than 0.3%) of chemic	·· ···································
gelling agent, gel breaker, Inction reducer, biocide, and scale inhibitor), referred to in the industry as a	
anticipated internal casing pressures is expected to average approximately 8500 psl, maximum anticipapproximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 200,000 b.	
vary from 100 mesh to 20/40 mesh. Average approximately 200,000 pounds of sand per stage.	
21) Total area to be disturbed, including roads, stockpile area, pits, etc. (acres):	31.93
22) Area to be disturbed for well pad only, less access road (acres)	5.39
23) Describe centralizer placement for each casing string.	
 Surface: Bow spring centralizers – One at the shoe and one spaced every 500. Intermediate: Bow spring centralizers – One cent at the shoe and one spaced every 500. 	very 500'
Production: One spaced every 1000' from KOP to Int csg shoe	
24) Describe all cement additives associated with each cement type <u>Surface (Ty</u> Used to speed the setting of cement slurries.	pe 1 Cement): 0-3% Calcium Chloride
0.4% flake. Loss Circulation Material (LCM) is used to combat the loss of the cement slut	rry to a thief zone.
Intermediate (Type 1 Cement): 0-3% Calcium Chloride. Salt is used in shallow, low temperatu	
slurnes. 0.4% flake. Loss Circulation Material (LCM) is used to combat the loss of whole to a thief zone.	drilling littld or cement slurry (not filtrate)
Production:	
Lead (Type 1 Cement): 0.2-0.7% Lignosulfonate (Retarder). Lengthens thickening time	
0 3% CFR (dispersant). Makes cement easier to mix.	
Tail [Type H Cement]. 0.25-0.40% Lignosulfonate (Retarder). Lengthens thickening time.	
0.2-0 3% CFR (dispersant). This is to make the cement easier to mix.	
60 % Calcuim Carbonate. Acid solubility.	
0 4-0 6% Halad (fluid loss). Reduces amount of water lost to formation	
25) Proposed borehole conditioning procedures. Surface: Circulate hole clean (App	roximately 30-45 minutes) rotating & reciprocating
one full joint until cuttings diminish at surface. When cuttings returning to surface diminish	h, continue to circulate an additional 5
minutes. To ensure that there is no fill, short trip two stands with no circulation. If there is	
and circulate hole clean. A constant rate of higher than expected cuttings volume likely is	ndicates washouts that will not clean up
Intermediate: Circulate hole clean (Approximately 30-45 minutes) rotating & reciprocating one	
surface. When cuttings returning to surface diminish, continue to circulate an additional	
hole cleaning use a soap sweep or increase injection rate & foam concentration.	
Production: Pump marker sweep with nut plug to determine actual hole washout. Calculate a p	gauge Iroles bottoms up volume.
Perform a cleanup cycle by pumping 3-5 bottoms up or until the shakers are clean. Chec	
the shakers every 15 minutes	
	

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Office of oil and Case

JUL 2 0 20:5

WW Department of the content of the content

*Note: Attach additional sheets as needed

- 5,000°

- 5.500°

- 6,000

- 6.500°

— 7,000°

5.000' --

5.500' -

7.000' —

5.113' -Alexander

6,000' — 6,196' -Sonyea 6,384' -Middlesex

6,437' -Genesee 6.521 Geneseo 6,500' — 6,550' -Tully 6,574' -Hamilton 6,612' -Marcellus

6.664' Onondaga

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6,634" R TVD

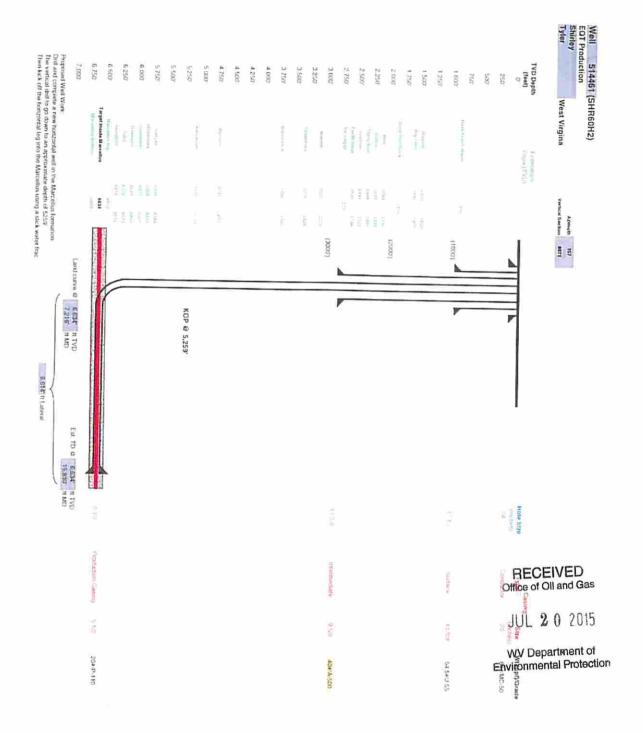
6,634" ft TVD

JUL 20 2015

WV Department of 7.216: Egyironmental Protection

KOP = 10 Deg DLS

5 1/2". P-110, 20# 15,630" R MD



WW-9 (2/15)

Page	1	of	2
API No. 47 - (95		02264
Operator's Well I	Vo.	-	514461

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
REBECCA L. HEATER
EOTROPOGETION CONTANY
POTBOX 7800
BRIDGEPORT, WY 26330
My commission expires April 07, 2020

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

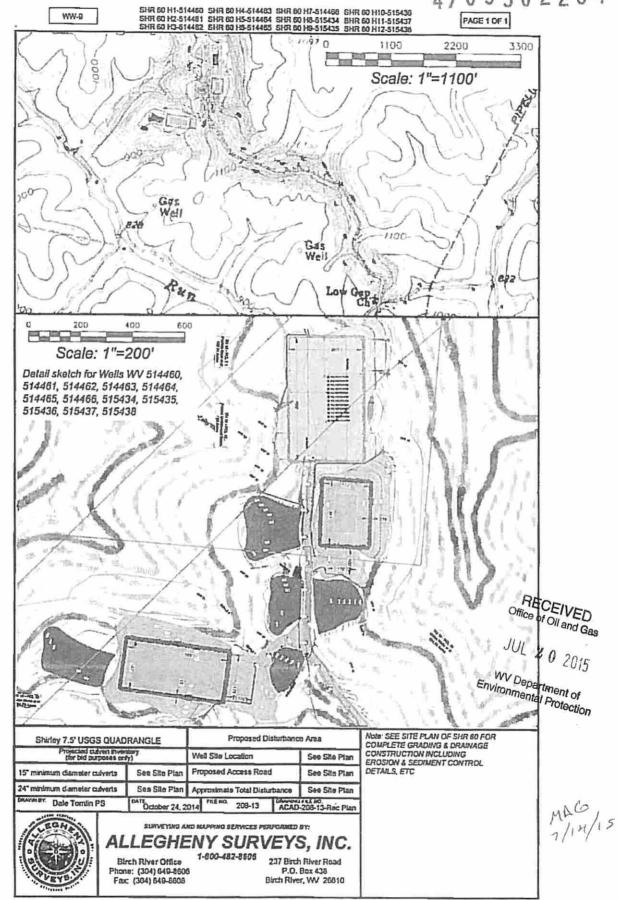
Fluids/Cuttings Disposal & Reclamation Plan

Operator Name	EQT Pr	oduction Company	OP C	ode	306686
Watershed (HUC	C10) Morrison R	un of McElroy Creek	Quadrangle	SI	hirley
Do you anticipate	e using more than 5,0	000 bbls of water to co	mplete the propose	ed well work?	Yes <u>x</u> No
Will a pit be used	d ? Yes: <u>X</u> No:	····			
If so plea	ase describe anticipated	d pit waste:	flowback w	ater & residual s	solids
Will a sy	nthetic liner be used in	the pit? Yes >	(No	lf so, what i	ml.? <u>60</u>
Propose	ed Disposal Method F	or Treated Pit Wastes	:		
	Land Ap		IC Bormit Number	0014, 846	32 4027
		ound Injection 🥂 (Ui (at API Number		arious)
			orm WW-9 for disp		
		(Explain)
Will closed loop	system be used?	Yes, The closed loop sys	stem will remove drill	cuttings from the	e drillina
	•	for transportation to an			-
• •		ell (vertical and horizon e, intermediate, and pilot). Water ba			
		teral sections will be drilled with eith			is to stabilize
		ynthetic, petroleum, et		Synthetic mu	d
		n? Air - biodegradable		-	
		culates, biodegradable oil lt			
		ulsifier, salt, lime, viscosife			
biodegradable oil lu	bricant , defoaming, carbo	nates.			
Drill cuttings gis	 sposať meťhoď? Leave	e in pit. landfill, remove	ed offsite, etc.	Lan	dfill
		e in pit, landfill, remove that medium will be used? (dfill n/a
- If left		hat medium will be used? (Cement, Line, sawdust		
- If left	in pit and plan to solidify w	hat medium will be used? (Cement, Line, sawdust)	
- If left - Landf Permittee shall pro at any West Virgin	in pit and plan to solidify w fill or offsite name/permi ovide written notice to the	that medium will be used? (it number? ne Office of Oil and Gas The notice shall be provide	Cement, Line, sawdust See A	ttached List	n/a
- If left - Landf Permittee shall pro at any West Virgin also disclose when	in pit and plan to solidify will or offsite name/permi povide written notice to the solid waste facility. The it was properly dispose	that medium will be used? (it number? ne Office of Oil and Gas The notice shall be provide	Cement, Line, sawdust See A of any load of drill cu ded within 24 hours of	ttached List ttings or associat f rejection and th	n/a ned waste rejected ne permittee shall
Permittee shall pro at any West Virgin also disclose when	in pit and plan to solidify will or offsite name/perminovide written notice to the plan solid waste facility. The it was properly disposunderstand and agree to the py the Office of Oil and Gar	that medium will be used? (it number? ne Office of Oil and Gas The notice shall be provided. the terms and conditions of s of the West Virginia Depa	Cement, Line, sawdust See A of any load of drill cu ded within 24 hours of the GENERAL WATER rtment of Environments	ttached List ttings or associat of rejection and the	n/a ed waste rejected ne permittee shall MIT issued erstand that the
Permittee shall pro at any West Virgin also disclose when I certify that I on August 1, 2005, b provisions of the per	in pit and plan to solidify will or offsite name/perminovide written notice to the plan solid waste facility. The it was properly disposunderstand and agree to the py the Office of Oil and Gar	that medium will be used? (it number? ne Office of Oil and Gas The notice shall be provided. the terms and conditions of	Cement, Line, sawdust See A of any load of drill cu ded within 24 hours of the GENERAL WATER rtment of Environments	ttached List ttings or associat of rejection and the	n/a ed waste rejected ne permittee shall MIT issued erstand that the
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- If left - Landf Permittee shall pro at any West Virgin also disclose when I certify that I on August 1, 2005, b provisions of the per or regulation can lea	in pit and plan to solidify will or offsite name/permination of law that I have	that medium will be used? (it number? ne Office of Oil and Gas The notice shall be provided. the terms and conditions of a softhe West Virginia Depa	Cement, Line, sawdust See A of any load of drill cu ded within 24 hours of the GENERAL WATER riment of Environments condition of the general	ttached List ttings or associate frejection and the POLLUTION PERIOR Protection. I under permit and/or other remation submitted of	n/a eed waste rejected ne permittee shall MIT issued erstand that the er applicable law on this
Permittee shall pro at any West Virgin also disclose when I certify that I on August 1, 2005, b provisions of the per or regulation can lea I certify under application form and the information, I be	in pit and plan to solidify will or offsite name/permination or offsite name/permination or offsite name/permination or offsite name/permination or offsite name of the solid waste facility. The it was properly disposite of the offsice of Oil and Gamit are enforceable by law and to enforcement action. If penalty of law that I have all all attachments thereto all lieve that the information is	that medium will be used? (it number? ne Office of Oil and Gas The notice shall be provided. he terms and conditions of s of the West Virginia Depa v. Violations of any term or or personally examined and a nd that, based on my inquired s true, accurate, and comple	Cement, Line, sawdust See A of any load of drill cu ded within 24 hours of the GENERAL WATER rtment of Environmenta condition of the general m familiar with the info y of those individuals in ete. I am aware that the	ttached List ttings or associate of rejection and the second sec	n/a eed waste rejected ne permittee shall MIT issued erstand that the or applicable law on this sible for obtaining
Permittee shall pro at any West Virgin also disclose when I certify that I on August 1, 2005, b provisions of the per or regulation can lea I certify under application form and the information, I be	in pit and plan to solidify will or offsite name/permination or offsite name/permination or offsite name/permination or offsite name/permination or offsite name of the solid waste facility. The it was properly disposite of the offsice of Oil and Gamit are enforceable by law and to enforcement action. If penalty of law that I have all all attachments thereto all lieve that the information is	that medium will be used? (it number? ne Office of Oil and Gas The notice shall be provided. the terms and conditions of s of the West Virginia Depa v. Violations of any term or or personally examined and a nd that, based on my inquir	Cement, Line, sawdust See A of any load of drill cu ded within 24 hours of the GENERAL WATER rtment of Environmenta condition of the general m familiar with the info y of those individuals in ete. I am aware that the	ttached List ttings or associate of rejection and the second sec	n/a eed waste rejected ne permittee shall MIT issued erstand that the or applicable law on this sible for obtaining
Permittee shall proat any West Virgin also disclose when I certify that I on August 1, 2005, b provisions of the per or regulation can lea I certify under application form and the information, I be submitting false info	in pit and plan to solidify will or offsite name/permination or offsite name/permination with the property disposed in th	that medium will be used? (it number? ne Office of Oil and Gas The notice shall be provided. he terms and conditions of s of the West Virginia Depa v. Violations of any term or or personally examined and a nd that, based on my inquired s true, accurate, and comple	Cement, Line, sawdust See A of any load of drill cu ded within 24 hours of the GENERAL WATER rtment of Environmenta condition of the general m familiar with the info y of those individuals in ete. I am aware that the int.	ttached List Ittings or associate of rejection and the second se	n/a eed waste rejected ne permittee shall MIT issued erstand that the or applicable law on this sible for obtaining
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Form WW-9

		Operato	or's Well No.	514461
Proposed Revegetation Treat	ment: Acres Disturbed	no additional disturbance	Prevegetation pH	6.3
Lime 3	Tons/acre or	to correct to pH	6.5	
Fertilize type	Granular 10-20-	20	-	
Fertilizer Amount	1/3 lb:	s/acre (500 lbs minimum)		
Mulch	2			
		Seed Mixtures		
Tempore		Cood Winteres	_	
Seed Type	lbs/acre	Seed Type	Permanent lbs/acm	
KY-31	40	Orchard Grass		
Alsike Clover	5	Alsike Clover	5	
Annual Rye	15			
Photocopied section of Involve	to 7.5 topographic she	et.		
Plan Approved by: Comments: Present	quations.	Soff. Any disto Plaintain	rbed areas	Per
Title: 6.7 4 Cas	Inspector		12/15	RECEIVE
Field Reviewed? () Ye	s () No	Office of Oil and
				WV Department of Environmental Protect

4709502264



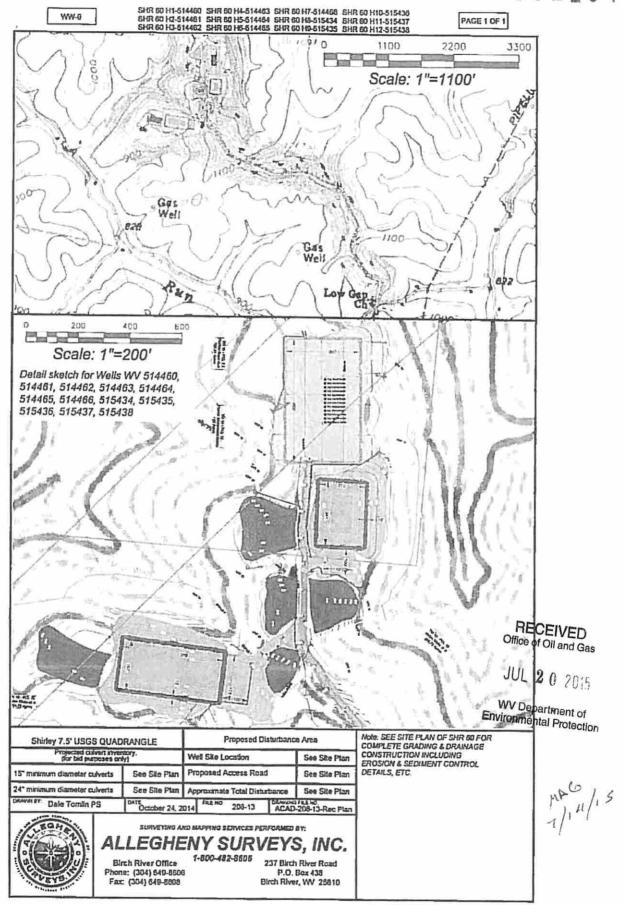


Site Specific Safety Plan

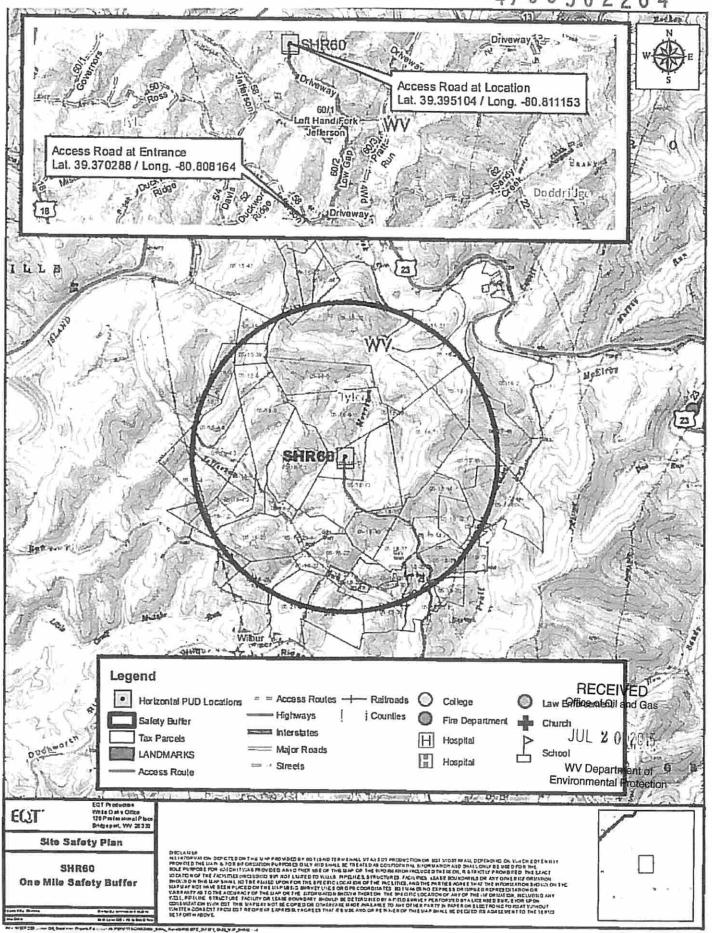
EQT SHR 60 Pad

Shirley Tyler County, WV

514461	
Date 5/1/15 7/14/15 Date	PECEIVED Office of Oil and Gas JUL 2 0 2015 VV Department of fronmental Protection



4709502264



Section V: BOP and Well Control

BOP equipment and assembly installation schedule:

BOP Equi	pment					
Size (in)	Operation	Hole Section	Туре	Pressure Class	Test Pressure (psi)	Testing Frequency
13-5/8"	Drilling	Intermediate	Annular	3M	2100	initial
13-5/8°	Drilling	Pilot	Annular	3M	2100	Initial, Weekly, Trip
<u>13-5/8"</u>	Drilling	Production	Annular	5M	3500	Initial, Weekly, Trip
13-5/8"	Drilling	Production	Blind	5M	4000	Initial,Weekly, Trip
13-5/8"	Drilling	Production	Pipe	5M	4000	Initial, Weekly, Trip
7-1/16"	Completions	Production	Cameron U's	5M	5000	Initial
13-5/8*	Drilling	Pilot (Onondaga Tag)	Annular	5M	4000	Initial, Weekly, Trip

Wellhead Detail

Size (in)	Type	M.A.W.P. (psi)	
13-3/8" SOW x 13-5/8" 5M	Multi-bowl Well Head	5,000	
13-5/8" 5M x 7-1/16 10M	Tubing Head	10,000	
2-1/16" 5M	Christmas Tree	5,000	

Well Control Trained Personnel:

- Drilling
 - EQT On-Site Specialist 2 on rotating hitches.
 - o Contract Group's Tool Pusher & Drillers
- Completions & Production
 - EQT On-Site Specialist

Notification Procedure

Significant Event Notifications

- A detailed record of significant drilling events will be recorded in the EQT Production Well Log Book.
- In addition to the record above, the local inspector of the WV DEP Office of Oil and Gas and Supervisor of EH&S will be notified by the EQT On-Site Specialist for the following events:
 - o Lost Circulation
 - 0 Encounter of Hydrogen Sulfide Gas
 - ter of Hydrogen Sulfide Gas <u>Immediate notification is required of any reading of Hydrogen Sulfide Gas greater than Librar</u>



- **Abnormal Pressures** 0
- Blow-outs
- Significant kicks
- Contact Information can be found in Section II

JUL 20 2015

WV Department of **Environmental Protection**

Emergency Notifications

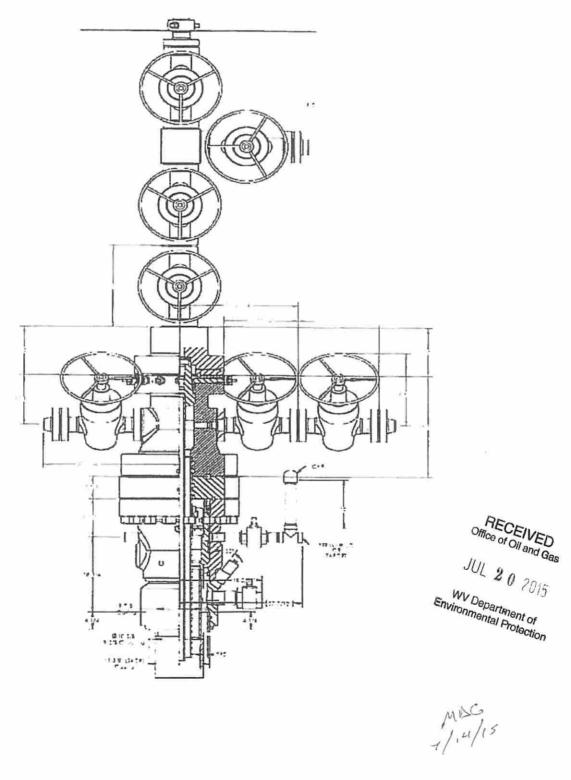
In the event emergency response personnel and residents surrounding the work site are affected by specific events during the operation they must be notified as soon as possible by the On-site Specialist or their designee.

Flaring Notifications

The local fire department(s) and/or county dispatch centers must be notified immediately prior to the ignition of a flare.

Well Head Assembly Design

 $\frac{\text{Written Description:}}{\text{Multi-bowl wellhead assembly with a 13 3/8" 5M x 13 3/8" SOW wellhead.}} \text{ A 13 5/8" 5M x 11" 5M DSA is used between the wellhead and tubing head.} \text{ The tubing head is 11" 5M x 7 1/16" 10M.} \text{ The tree is 2 1/16" 5M.} \text{ Picture of stack up}$



Well Number:

514461 (SHR60H2)

Casing and Cem	enting		Deepe	Deepest Fresh Water: 906'			
		Mine					
Туре	Conductor	Protection	Surface	Intermediate	Production		
Hole Size, In.	24		17 1/2	12 3/8	8 1/2		
Casing Size, OD In.	20	-,	13 3/8	9 5/8	5 1/2		
Casing Wall	0.075						
Thickness, In.	0.375		0.380	0.395	0.361		
Depth, MD	60'	.	992'	2,777'	15,830'		
Depth, TVD	60'		992'	2,777'	6,634'		
Centralizers Used	Yes		Yes	Yes	Yes		
Weight/Grade	81#/MC-50	*	54.5#/J-55	40#/A-500	20#/P-110		
New or Used	New	*	New	New	New		
Pressure Testing	7-	-	20% Greater than exp. Pressure	20% Greater than exp. Pressure	20% greater than exp. fracture pressure		
After Fracture Pressure Testing	-	-	, e	-	20% greater than exp. shu pressure		
ID, in	19.25	-	12.615	8.835	4.778		
Burst (psi)	-		2,730	3,950	12,640		
Collapse (psi)		2*	1,130	2,570	11,100		
Tension (mlbs)		-	514	493	587		
Cement Class	: +:	14			Н		
Cement Type	Construction		1	1			
Cement Yield	1.18		1.21	1.21	1.27/1.86		
Meets API Standards	*	ė	Yes	Yes	Yes		
WOC Time	₹.	*)	Min. 8 hrs	Min. 8 hrs	Min. 8 hrs		
Top of Cement (Planned)	Surface	#7	Surface	Surface	4,259'		
Fill (ft.)	60'	-	992'	2,777'	11,571'		
Percent Excess		-	20	20	10		
Est. Volume (cu ft)	58	-	862	1,084	2,942		
Est. Volume (BBLS)	10	-	153	193	524		

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WV Department of
Environmental Protection

7/17/13



west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 (304) 926-0450 (304) 928-0452 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 4709502264

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.

James Peterson

Environmental Resources Specialist / Permitting

Promoting a healthy environment.

Office of Oil and Gas

MAY 0 4 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

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)			0226	, 4
REGULATIONS OF CEMENTING OIL)			17095066	
AND GAS WELLS)			470950226	

REPORT OF THE OFFICE

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

Promoting a healthy environment.

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Environmental Protection

07/24/2015

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.

4709502264

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

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WY Department of
Environmental Protection

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.

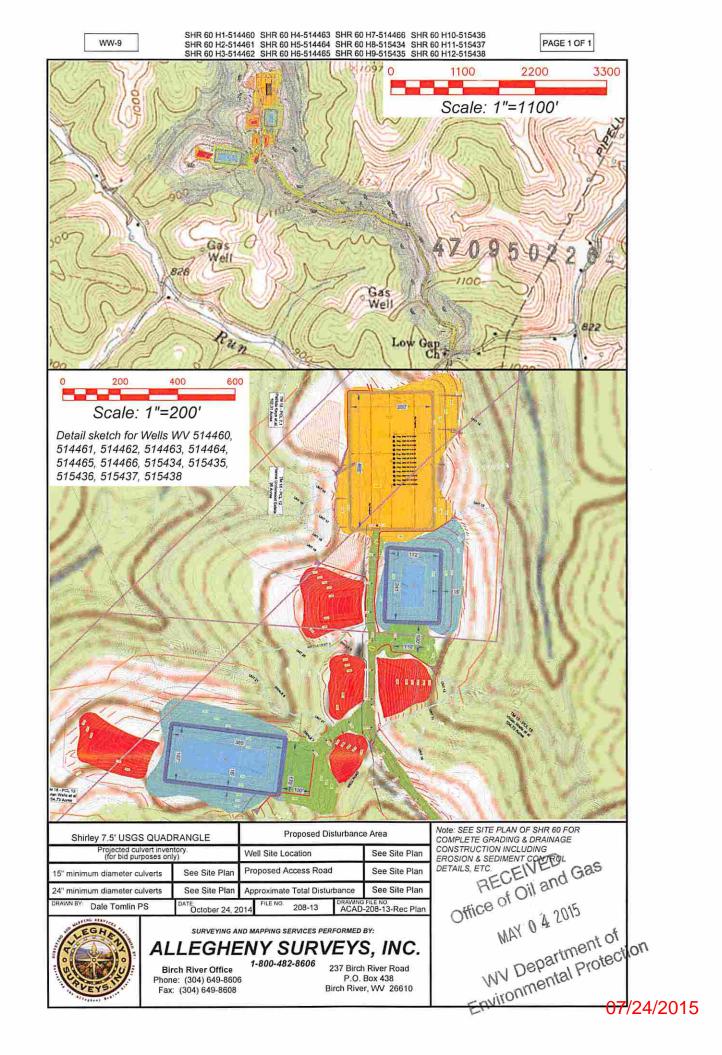
Advanced Waste Services 101 River Park Drive New Castle, Pa. 16101 Facility Permit# PAR000029132

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Environmental Protection
07/24/2015





Site Specific Safety Plan

EQT SHR 60 Pad

4709502264

Shirley Tyler County, WV

514461 For We	ells:
Date Prepared: EQT Production Fitte Date	October 24, 2014 WV Oil and Gas Inspector Title Date RECEVED Gas
	Office of Oil and Gas Office of Oil and Gas MAY 0 4 2015 MAY Department of WV Departmental Protection Environmental Protection 07/24/2015

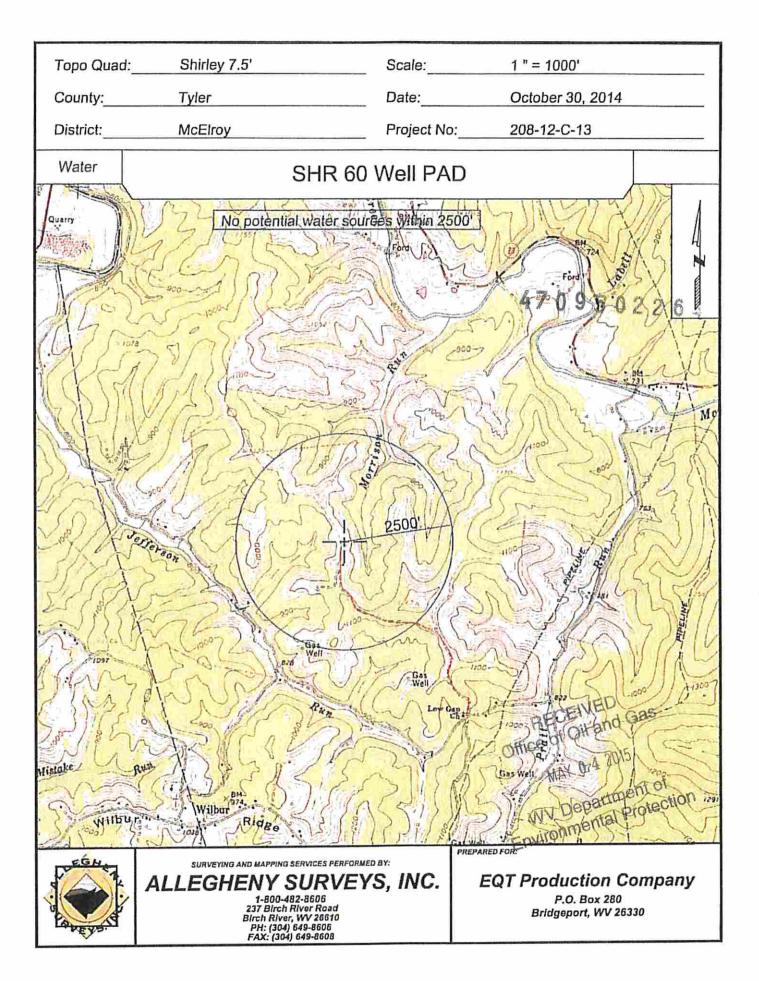
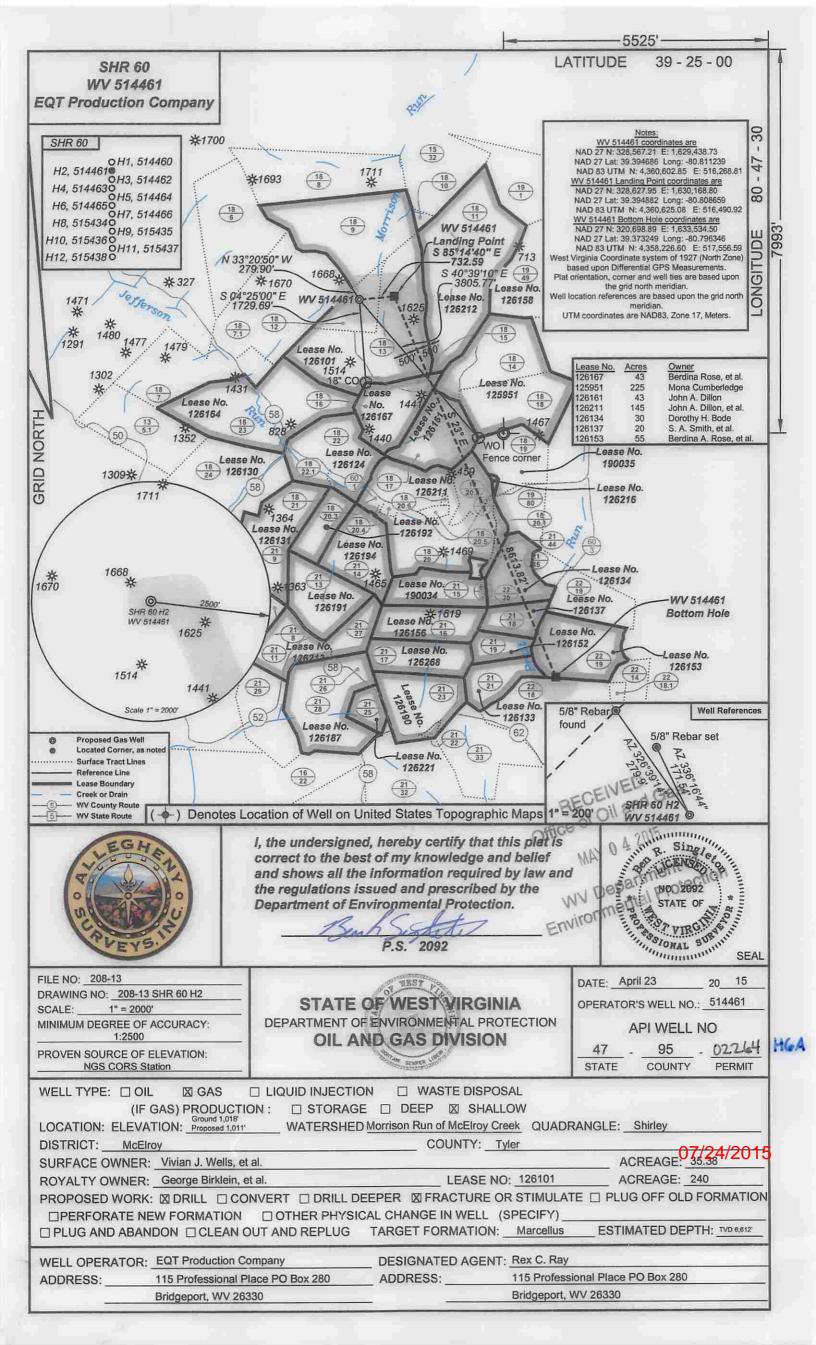




Table 1 - Water Source Identification

EQT Well Pad Name:SHR60	Submittal Date:10/30/14
EQT Well Number: _514460, 514462, 5	14463, 514464, 514565, 515434, 515435, 515436, 515437
Survey / Engineering Company:Alleghe	eny Surveys Inc
Site Number: Distance from Ga Surface Owner / Occupant:No water	0 9 5 0 2 2 2
Address:	
Field Located Date:	Owner home during survey (yes/no):
Coordinates:	(decimal degrees – NAD 83)
Contact Attempts (Date): 1 st : 2 ^{nt}	d:3 rd : Date Door Hanger Left:
Comments:	
Site Number: Distance from Ga Surface Owner / Occupant:	
Address:	Phone #:
Field Located Date:Own	er home during survey (yes/no):
Coordinates:	(decimal degrees – NAD 83)
Contact Attempts (Date): 1 st : 2 ^{nt}	d: 3 rd : Date Door Hanger Left:
Comments:	
Site Number: Distance from Ga	s Well (feet):
Surface Owner / Occupant:	Phone #: RECEIVED Gas
Address:	i flutte fr.
Field Located Date: Owner h	onio daning out to j (to other)
Coordinates:	(decimal degrees – NAD 83)
Contact Attempts (Date): 1 st : 2 ^{nt}	(decimal degrees – NAD 83) d: 3rd: Date Door Hanger, Welt: Department of Environmental Protect
Comments:	Environme

(Insert additional pages as needed)



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 -

- 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;

 47095

 the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applican Claims the right to extract, produce or market the oil or gas are as follows:

Lease					
Name or	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page	
<u>126101</u>			Min 1/8 pd		
	William Blaine Underwood, et al	Equitable Gas Co.		DB186/86	
	Equitable Gas Co.	Equitrans, Inc.		DB274/471	
	Equitrans, Inc.	Equitable Production Company		DB396/640	
	Equitable Production Company	EQT Production Company		DB281/346	Doddridge Co.
<u>126167</u>					
	Savannah Pratt, et al	Equitable Gas Co.		DB192/425	
	Equitable Gas Co.	Equitrans, Inc.		DB274/471	
	Equitrans, Inc.	Equitable Production Company		DB396/640	
	Equitable Production Company	EQT Production Company		DB281/346	Doddridge Co.
<u>125951</u>					
	Mona R. Cumberledge, et al	Equitable Gas Co.		DB202/294	
	Equitable Gas Co.	Equitrans, Inc.		DB274/471	
	Equitrans, Inc.	Equitable Production Company		DB396/640	
	Equitable Production Company	EQT Production Company		DB281/346	Doddridge Co.
126161					
	John M. Pierpoint, et al	Equitable Gas Co.		DB192/368	
	Equitable Gas Co.	Equitrans, Inc.	RE	CEIVED BELLAND G	05
	Equitrans, Inc.	Equitable Production Company	Office of	fail and G	a 5
	Equitable Production Company	EQT Production Company	NA /	DB284/34615	Doddridge Co.
<u>126211</u>			-		
	Mary E. Underwood, et vir	Hope Natural Gas Co.	١٨// ٢	BR79/497nent	of
	Hope Natural Gas Co.	Consolidated Gas Supply Corp.	yy v L	DB169/26Prote	ection
	Consolidated Gas Supply Corp.	Hope Natural Gas Co. Consolidated Gas Supply Corp. Consolidated Gas Transmission Corp.	=NAILOLL	DB249/287	
	Consolidated Gas Transmission Corp.	CNG Development Co.		DB253/57	
	CNG Development Co.	Dominion Appalachian Development,	Inc.	DB337/340	
	Dominion Appalachian Development, Inc.	Consol Gas Appalachian Developmen	it, LLC	CB9/131	name change
	Consol Gas Appalachian Development, LLC	CNX Gas Co., LLC		CB9/206	name change
	CNX Gas Co., LLC	EQT Production Co.		DB479/55	
<u>126134</u>					
	Mollie Susan Scott	Equitable Gas Co.		DB191/420	
	Equitable Gas Co.	Equitrans, Inc.		DB274/471	
	Equitrans, Inc.	Equitable Production Company		DB396/640	
	Equitable Production Company	EQT Production Company		DB281/346	Doddridge Co.

126137			SIIKOU W	eli # 314401
	Carl C. Weekley, et al	Equitable Gas Co.	DB191/536	
	Equitable Gas Co.	Equitrans, Inc.	DB274/471	
	Equitrans, Inc.	Equitable Production Company	DB396/640	
	Equitable Production Company	EQT Production Company	DB281/346	Doddridge Co.
126153				
	John W. Ash, et al	Equitable Gas Co.	DB192/80	
	Equitable Gas Co.	Equitrans, Inc.	DB274/471	
	Equitrans, Inc.	Equitable Production Company	DB396/640	
	Equitable Production Company	EQT Production Company	DB281/346	Doddridge Co.

SHR60 Well # 514461

Upon information and belief, Operator's lease and/or other real property rights permit it to 9 5 0 2 2 6 4 conduct drilling operations for the subject well in the location shown on the plat, including under any public roads that the well lateral crosses.

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.

Well Operator:

By: Permitting Supervisor Its:

Page 1 of 1

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MAY 0 4 2015

WV Department of Environmental Protection

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

Date of Notice Certification: 5-2-15	Ol	PI No. 47095 perator's Well No 'ell Pad Name:	5 0 514461 SHR60
Notice has been given:			
Pursuant to the provisions in West Virginia Code	\$ 22-6A, the Operator has provided the	required Parties With	the Notice Forms listed
below for the tract of land as follows:	,	4310. 00. 0	greg topocy office notice
State: WV	UTM NAD 83 Easting:		4,360,602.85
County: Tyler	UTM NAD 83 Northing:		516,268.81
District: McElroy	Public Road Access:		60/2
Quadrangle: Shirley	Generally used farm name:		Vivian J Wells et al
Watershed: Morrison Run of McElroy Creek	Control and the second of the second control and the second of the second		
requirements of subsection (b), section sixteen of Virginia Code § 22-6A-11(b), the applicant shall to of this article have been completed by the applica	ender proof of and certify to the secreta nt.	ry that the notice requ	
Pursuant to West Virginia Code § 22-6A, the Ope that the Operator has properly served the required		Dertification	OOG OFFICE USE ONLY
*PLEASE CHECK ALL THAT APPLY			DECEMEDANCE
	IOTICE NOT REQUIRED BECAUS EISMIC ACTIVITY WAS CONDUC		RECEIVED/NOT REQUIRED
NOTICE OF ENTRY FOR PLAT SURVE	Y or ▼ NO PLAT SURVEY WAS	CONDUCTED	RECEIVED
▼ NOTICE OF INTENT TO DRILL or	NOTICE NOT REQUIRED BECAUS NOTICE OF ENTRY FOR PLAT SU WAS CONDUCTED OR		RECEIVED/NOT REQUIRED
	VRITTEN WAIVER BY SURFACE PLEASE ATTACH)	OWNER	
NOTICE OF PLANNED OPERATION			RECEIVED
PUBLIC NOTICE			RECEIVED
▼ NOTICE OF APPLICATION		RECE	NED BEDERVED

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 place is 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.

MAY 0 4 2015

WW-6AC (1/12)

Certification of Notice is hereby given:

above, to the signature con in this Notice obtaining the	at as required under West Virginia Co required parties, through personal ser firmation. I certify under penalty of lav Certification and all attachments, and information, I believe that the informa	ode § 22-6A, I h vice, by register v that I have per that based on r tion is true, accu	ave served th red mail or by rsonally exam my inquiry of t urate and com	e attached co any method o ined and am f hose individua nplete. I am av	pies of the No of delivery tha amiliar with thats als immediate	t requires a receipt ne information subm ely responsible for	ed or nitted
for submitting	false information, including the possi	bility of fine and	l imprisonmen	t.			
Well Operator: By:	EQT Production Compar Victoria J. Roark	ıy	Address: Bridgeport,	P.O. Box 28 WV 26330	80		
Its:	Permitting Supervisor		Facsimile:	304-848-00)40		
Telephone:	304-848-0076		Email:	vroark@eq	t.com		
	OFFICIAL SEAL STATE OF WEST VIRGINIA NOTARY PUBLIC Pamela Sykes NOTATI Production PO Box 200 Bridgeport, WV 26330 My Commission Expires Aug. 24, 2022	Subscribed ar	nd sworn before	me this	_/_	_ day of May	,2015 Notary Public

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.

Office of Oil and Gas

WV Department of Environmental Protection WW-6A (9-13)

API NO.	<u>47</u>	2	095	141	0
OPERATOR	L NO.			514461	
Well Pad Name:			-		SHDEU

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

Notice Time Requirement: notice shall be provided no late Date of Notice: $5-2\cdot15$ Date Pern		application.
Sale of Notice.	in Application Fried.	710
Notice of:		
✓ PERMIT FOR ANY ☐ CERTIFIC	CATE OF APPROVAL FOR TH	IE
WELL WORK CONSTR	UCTION OF AN IMPOUNDM	ENT OR PIT
Delivery method pursuant to West Virginia Code § 22	2-6A-10(b)	
☐ PERSONAL ☐ REGISTERED	✓ METHOD OF D	ELIVERY THAT REQUIRES A
SERVICE MAIL	RECEIPT OR SI	GNATURE CONFIRMATION
for the construction of an impoundment or pit a requires a receipt or signature confirmation, couplat to each of the following persons: (1) The other surface tract or tracts overlying the oil and disturbance as described in the erosion and sed lessee, in the event the tract of land on which the record of the surface tract or tracts overlying the construction, enlargement, alteration, repair, rewater purveyor who is known to the applicant which is used to provide water for consumption work activity is to take place. (c)(1) If more that in the lands, the applicant may serve the documentation, chapter eleven-a of this code. (2) Numbers the lien holder is the landowner. W. Valunless the lien holder is the landowner.	as required by this article sopies of the application, the owners of record of the surgas leasehold being develotiment control plan submittine well proposed to be drill are oil and gas leasehold being moval or abandonment of to have a water well, spring in by humans or domestic and three tenants in commonents required upon the performance of the perform	e application, the applicant for a permit for any well work or for a shall deliver by personal service or by registered mail or by any erosion and sediment control plan required by section seven of face of the tract on which the well is or is proposed to be located; peed by the proposed well work, if the surface tract is to be used ted pursuant to subsection (c), section seven of this article; (3) The lled is located [sic] is known to be underlain by one or more coal ing developed by the proposed well work, if the surface tract is to any impoundment or pit as described in section nine of this g or water supply source located within one thousand five unimals; and (6) The operator of any natural gas storage field in or other co-owners of interests described in subsection (b) of reson described in the records of the sheriff required to be ion of this article to the contrary, notice to a lien holder is not aires, in part, that the operator shall also provide the Well Site tice and water testing as provided in section 15 of this rule.
✓ SURFACE OWNER(s) Name: Vivian J Address: 1814 Oil		DAL OWNER OR LESSEE Vivian Janice Wells 1814 Oil Ridge Road Sistersville WV 26175
	 ;	See attached for additional coal owners.
Address: 12 Sistersville	Name: Address: dee Attached	DAL OPERATOR 0
Name: Vivian I	Janice Wells	
		RFACE OWNER OF WATER WELL
Sistersville	WV 26175 AND/OR Name:	WATER PURVEYOR(s)
Name: Geor	rge Birklein Address:	DELEVED
	21 Oxford St	Office of Oil and Gas 0
Sistersville	WV 26175	0
	See Attached	MAY 0 4 2015
SURFACE OWNER(s) (Impoundments/P		ERATOR OF ANY NATURAL GAS STORAGE FIELD
	Janice Wells Name:	WV Department of
	Ridge Road Address: WV 26175	Environmental Protection
The state of the s	See Attached	Environmentar
· · · · · · · · · · · · · · · · · · ·		ttach additional forms if necessary

WW-6A	
(8-13)	

API NO. <u>47</u> - <u>095</u>		0
OPERATOR WELL NO.		514461
Well Pad Name:	SHR60	

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 (2) 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 anal 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 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 of the foregoing provisions of this section, nothing of the foregoing provisions of this section. operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval as 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 restriction restrictions and the decision of the secretary that the well location restriction of the secretary that the secretary **Environmental Protection** structures are inadequate or otherwise require alteration to address the items

API NO. <u>47</u> -	095	•	0
OPERATOR WELL NO.		_	514461
Well Pad Name			098H2

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-topo bourge (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary battlining 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 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 required 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 and Gas

MAY 0 4 2015

Such persons may request, at the time of submitting written comments, notice of the permit W. Dapartment of qualified to test water.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

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WW-6A (8-13)

API NO.	<u>47</u>		095	-	0
OPERATO	R WEL	L NO.			514461
Well Pad N	Vame:				SHR60

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 09502264 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.

Office of Oil and Gas

MAY 0 4 2015

WV Department of **Environmental Protection**

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:

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.

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Pamela Sykes
EQT Production
PO Box 280
Bridgeport, WV 26330
My Commission Expires Aug. 24, 2022

By: Victoria Roark
Its: Permitting Supervisor
Subscribed and sword before n day of notary Public
My Commission Expir 8.34.33

4709502264

Topo Quad:	Shirley 7.5'	Scale:	1 " = 1000'
County:	Tyler	Date:	October 30, 2014
District:	McElroy	Project No	:208-12-C-13
Water	5	SHR 60 Well PA	D
Quarry	No potential	water sources Within 25	
WHIBU	Wilbur Ridge	13/15/1	PHRIAN.
EGH	SURVEYING AND MAPPING SE ALLEGHENY S 1-800-482 237 Birch River, V PH: (304) 64 FAX: (304) 6	URVEYS, INC8606 yor Road W 26610	EQT Production Companys P.O. Box 280 il and Las Bridgeport, WV 26330 MAY 0 4 2015

WW6-A

Additional Surface Owners:

Albina Pasko 18 Jensen St East Brunswick NJ 08816

Clifford Haug 3894 Cellar Creek Rd Blackstone VA 23824

Timothy M Haug 3890 Cellar Creek Rd Blackstone VA 23824

Benjamin A Haug 3890 Cellar Creek Rd Blackstone VA 23824

Jean Jackubowski 158 Baumgardner Road Willow Street PA 17584

Theodore Jackubowski 1212 Kelso Blvd Windermere FL 34786

Louis Jackubowski Jr 1922 Robindale Ave Lancaster PA 17601

Mary Jean Ross 904 Truce Road Holtwood PA 17532

Susan Buzzard 21 Cherokee Road Willow Street PA 17584

Sharon Graeff 3217 Eisenbrown Rd Reading PA 19605

Virginia Hornberger 3415 River Road Reading PA 19605

Anthony Jackubowski Jr 535 Shawnee St Wilkes-Barre PA 18702 4709502264

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WV Department of Environmental Protection

Additional Surface Owners:

Raymond A Jackubowski 123 North Pioneer Ave Shavertown PA 18708

Beverly A Chisdock 213 Lehigh St Avoca PA 18641

Cynthia Kryzwicki 213 Nicholson St Wilkes-Barre PA 18702

Andrea Shotts 432-2 East Main St Plymouth PA 18651

Lisa Wesolowski 254 Lampman St Avoca PA 18641

Additional Surface Owners: Access Road

Albina Pasko 18 Jensen St East Brunswick NJ 08816

Clifford Haug 3894 Cellar Creek Rd Blackstone VA 23824

Timothy M Haug 3890 Cellar Creek Rd Blackstone VA 23824

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Susan Buzzard 21 Cherokee Road Willow Street PA 17584

Sharon Graeff 3217 Eisenbrown Rd Reading PA 19605

Virginia Hornberger 3415 River Road Reading PA 19605

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Andrea Shotts 432-2 East Main St Plymouth PA 18651

Lisa Wesolowski 254 Lampman St Avoca PA 18641

John Paul Davis 45 Crystal Lake Road West Union WV 26456

Richard E Hansen 1043 Low Gap Road Wilber WV 26459

Joyce K Hill 88 Arvilla Rd Bens Run WV 26146

Terry J Cumberledge 1384 Pratts Run Road Alma WV 26320

Allen Dale Fornash 9217 Bachelor Rd NW Waynesburg OH 44688 4709502264

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MAY 0 4 2015

Additional Surface Owners: Access Road

Donald E Bible Sr 2400 Millarton St SE Canton OH 44707

Susan L Spencer HC 74 Box 98 Alma WV 26320

Additional Surface Owners: Pits/Impoundments

Albina Pasko 18 Jensen St East Brunswick NJ 08816

Clifford Haug 3894 Cellar Creek Rd Blackstone VA 23824

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Lisa Wesolowski 254 Lampman St Avoca PA 18641

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Office of Oil and Gas

MAY 0 4 2015

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 Requirer Date of Notice:	ment: Notice shall be provided at least TEN (10) 4/17/2015 Date Permit App	120 720 10	nit application. 4/27/20	15	
Delivery method purs	suant to West Virginia Code § 22-6A-16(b)				
HAND DELIVERY	CERTIFIED MAIL RETUING RECEIPT REQUESTED	RN			
receipt requested or h drilling a horizontal w of this subsection as o subsection may be was	ode § 22-6A-16(b), at least ten days prior to filing mand delivery, give the surface owner notice of it ell: Provided, That notice given pursuant to subsoft the date the notice was provided to the surface sived in writing by the surface owner. The notice mile number and electronic mail address of the o	ts intent to enter upon ti section (a), section ten of se owner: Provided, how s, if required, shall includ	ne surface owner f this article satist ever, That the no e the name, addr	's land for the purpose of fies the requirements tice requirements of this ress, telephone number,	
21.70	rided to the SURFACE OWNER(s):	/			
Name:	Vivian Janice Wells	/ Name:		George Birklein	
Address:	1814 Oil RidgeRoad	Address:		121 Oxford St	
	Sistersville WV 26175			Sistersville WV 26175	
the surface owner's la State: County:	ginia Code § 22-6A-16(b), notice is hereby given to and for the purpose of drilling a horizontal well o WV Tyler	on the tract of land as fol	Easting Northing	4700-	74,260,602.85 516,268.91
District:	McElroy		ic Road Access:		60/2
Quadrangle: Mor	Shirley rrison Run of McElroy Creek	Generally us	ed farm name:	Viv	vian J Wells et al
This Notice Shall Inclu Pursuant to West Virg facsimile number and related to horizontal of	ude: ginia Code § 22-6A-16(b), this notice shall include electronic mail address of the operator and the drilling may be obtained from the Secretary, at the treet, SE, Charleston, WV 25304 (304-926-0450) In by:	operator's authorized re	epresentative. Ad nvironmental Pro wv.gov/oil-and-ga	Iditional information tection headquarters.	àas
Well Operator:	EQT Production Company	Authorized Representat	ive:(Office or or	Victoria Roark
Address:	115 Professional Place, P.O Box 280	Address:		115 Professional Pl	ace, P.O Box 280
	Bridgeport, WV 26330				dgeport, WV 26330
Telephone:	304-848-0076	Telephone:		- street	1 344-848-0076
Email:	vroark@eqt.com	Email:		WV Departmey	roark@agt.com
Facsimile:	304-848-0041	Facsimile:		-nvironmental Pro	304-848-0041
			L	-nviioiii	

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.

DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

perator	Well	No.	

514461

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.

	quirement: Notice shall be provide				
Date of Notice:	4/17/2015	Date Permit App	lication Filed:	4/27/2015	=
Delivery metho	d pursuant to West Virginia Cod	e § 22-6A-16(b)			
	☐ HAND DELIVERY	CERTIF	FIED MAIL RETUR	IN	
	DELIVERY	RECEI	PT REQUESTED		
Pursuant to W.	Va. Code § 22-6A-16(b), at least t	en days prior to filing	g a permit application, a	an operator shall, by certifie	d mail return
receipt request	ed or hand delivery, give the surf	ace owner notice of i	ts intent to enter upon	the surface owner's land fo	r the purpose of
drilling a horizo	ntal well: Provided, That notice g	iven pursuant to sub	section (a), section ten	of this article satisfies the re	equirements
of this subsection	on as of the date the notice was p	provided to the surface	ce owner: Provided, ho	wever, That the notice requ	rements of this
subsection may	be waived in writing by the surfa	ice owner. The notice	e, if required, shall inclu	de the name, address, telep	hone number,
and if available,	facsimile number and electronic	mail address of the o	operator and the opera	tor's authorized representa	ive.
Notice is hereh	y provided to the SURFACE OWN	IFP(s).	1		
Name:	y provided to the Solit Ace over	Albina Pasko	Name:		Clifford Haug
Address:		18 Jensen St	Address:	3	894 Cellar Creek Rd
	East	Brunswick NJ 08816			ackstone VA 23824

Notice is hereb	y given:				
Pursuant to We	st Virginia Code § 22-6A-16(b), n	otice is hereby given	that the undersigned w	ell operator has an intent to	enter upon
	ner's land for the purpose of drilli				ADDITION OF STATE
State:		WV	UTM NAD 83	Easting	4360607.42
County:	-	Tyler		Northing	516268.7
District:		McElroy	Pu	olic Road Access:	60/2
Quadrangle:		Shirley	Generally	used farm name:	Vivian J Wells et al
Watershed:	Morrison Run of McElroy Cr	eek			
				670	45
This Notice Sha			ha a 16 marin and a mar 15 marin a san	4/.0	95000
	st Virginia Code § 22-6A-16(b), th				
	er and electronic mail address of				
	ontal drilling may be obtained fro	CONTRACTOR OF STREET, AND STREET, AND STREET,			
located at 601 :	57th Street, SE, Charleston, WV 2	5304 (304-926-0450)	or by visiting www.dep	o.wv.gov/oii-and-gas/pages/	default.aspx
Notice is hereb	v given by:				
Well Operator:	A CONTRACT A CONTRACT AND A CONTRACT	uction Company	Authorized Represent	ative:	Victoria Roar
Address:	115 Professional Pl	The Principle Control of the Zanton Control of the	Address:		5 Professional Place, P.O Box 28
		port, WV 26330	1		Bridgeport, WV 2633
Telephone:		304-848-0076	Telephone:		RECEIVED 304-848-007
Email:	V	roark@eqt.com	Email:	1	COLL and Vroark@eqt.com
Facsimile:		304-848-0041	Facsimile:	Office	9 Of Off and 304-848-004
Oil and Can Buil	in an Nightan				MAY 0 4 2015
Oil and Gas Pri	vacy Notice: il and Gas processes your persona	al information such a	e name address and to		
duties Vour po	rsonal information may be disable	sed to other State age	ancies or third parties i	the normal course of busin	acceptant of
needed to com	rsonal information may be disclosoly ply with statutory or regulatory re	equirements includir	ag Freedom of Informat	ion Act requests. Our office	will brotoction
	ecure your personal information.				
abbiobilareià 2	ceare your personal information.	ii you have any ques	tions about our use or	your personal information,	nease contact

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.

Date of Notice:	4/17/2015	Date Permit Application Filed:	4/27/2015	_
Delivery method	pursuant to West Virginia Code	§ 22-6A-16(b)		
	HAND DELIVERY	CERTIFIED MAIL RETURN RECEIPT REQUESTED	N	
Pursuant to W/ V	2. Code & 22-64-16/h) at least te	n days prior to filing a permit application,	an operator shall by certifie	d mail return
		ce owner notice of its intent to enter upor		
		en pursuant to subsection (a), section ten		
of this subsection	as of the date the notice was pr	ovided to the surface owner: Provided, ho	wever, That the notice requi	irements of this
subsection may b	e waived in writing by the surfac	e owner. The notice, if required, shall incl	ude the name, address, telep	phone number,
and if available, f	acsimile number and electronic r	nail address of the operator and the opera	ator's authorized representat	tive.
725	provided to the SURFACE OWNE			
Name: Address:		Timothy M Haug Name:	2	Benjamin A Haug
Address.	3	890 Cellar Creek Rd Address:		890 Cellar Creek Rd ackstone VA 23824
	Ol-		Die	ackstone va 23624
	given: t Virginia Code § 22-6A-16(b), not	tice is hereby given that the undersigned v	well operator has an intent to	
Pursuant to West the surface owne	given: t Virginia Code § 22-6A-16(b), not	tice is hereby given that the undersigned v g a horizontal well on the tract of land as t WV	well operator has an intent to	o enter upon 4360607.42
Pursuant to West the surface owne State: County:	given: t Virginia Code § 22-6A-16(b), not	tice is hereby given that the undersigned with a second of land as the second of land	well operator has an intent to follows: Easting Northing	9 enter upon 4360607.42 516268.7
Pursuant to West the surface owne State: County: District:	given: t Virginia Code § 22-6A-16(b), not	tice is hereby given that the undersigned v g a horizontal well on the tract of land as t WV Tyler McElroy Pu	well operator has an intent to follows: Easting Northing Jublic Road Access:	4360607.42 516268.7 60/2
Pursuant to West the surface owner State: County: District: Quadrangle:	given: t Virginia Code § 22-6A-16(b), not r's land for the purpose of drillin	tice is hereby given that the undersigned v g a horizontal well on the tract of land as t WV Tyler McElroy Shirley Generally	well operator has an intent to follows: Easting Northing Jublic Road Access:	9 enter upon 4360607.42 516268.7 60/2 Vivian J Wells et al
Pursuant to West the surface owner State: County: District: Quadrangle:	given: t Virginia Code § 22-6A-16(b), not	tice is hereby given that the undersigned v g a horizontal well on the tract of land as t WV Tyler McElroy Shirley Generally	well operator has an intent to follows: Easting Northing Jublic Road Access:	9 enter upon 4360607.42 516268.7 60/2 Vivian J Wells et al
Pursuant to West the surface owne State: County: District: Quadrangle: Watershed:	given: t Virginia Code § 22-6A-16(b), note of string and for the purpose of drillin Morrison Run of McElroy Cre	tice is hereby given that the undersigned v g a horizontal well on the tract of land as t WV Tyler McElroy Shirley Generally	well operator has an intent to follows: Easting Northing Jublic Road Access:	9 enter upon 4360607.42 516268.7 60/2 Vivian J Wells et al
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed:	given: : Virginia Code § 22-6A-16(b), not :r's land for the purpose of drillin Morrison Run of McElroy Cre	tice is hereby given that the undersigned v g a horizontal well on the tract of land as t WV Tyler McElroy Shirley Generally	well operator has an intent to follows: Easting Northing Jublic Road Access: v used farm name:	4360607.42 516268.7 60/2 Vivian J Wells et al
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West	given: Virginia Code § 22-6A-16(b), note of str's land for the purpose of drillin Morrison Run of McElroy Cre Include: t Virginia Code § 22-6A-16(b), this	tice is hereby given that the undersigned was a horizontal well on the tract of land as a well on the land of land as a well on the land of land on the land of land of land on the land of	well operator has an intent to follows: Easting Northing Jublic Road Access: Vused farm name: 47 095 elephone number, and if ava	4360607.42 516268.7 60/2 Vivian J Wells et al
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number	given: t Virginia Code § 22-6A-16(b), not r's land for the purpose of drillin Morrison Run of McElroy Cre Include: t Virginia Code § 22-6A-16(b), this and electronic mail address of the	tice is hereby given that the undersigned v g a horizontal well on the tract of land as t WV Tyler McElroy Shirley Generally	well operator has an intent to follows: Easting Northing Jublic Road Access: Used farm name: 47 0 9 5 elephone number, and if avails representative. Additional in	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable,
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number related to horizon	given: t Virginia Code § 22-6A-16(b), note of stand for the purpose of drilling Morrison Run of McElroy Cre Include: t Virginia Code § 22-6A-16(b), this and electronic mail address of the	tice is hereby given that the undersigned with a horizontal well on the tract of land as the second	well operator has an intent to follows: Easting Northing Jublic Road Access: Vused farm name: 47 095 elephone number, and if ava at representative. Additional in Environmental Protection here	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable, information eadquarters,
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number related to horizon	given: t Virginia Code § 22-6A-16(b), note of stand for the purpose of drilling Morrison Run of McElroy Cre Include: t Virginia Code § 22-6A-16(b), this and electronic mail address of the	tice is hereby given that the undersigned was a horizontal well on the tract of land as a way and the second well on the tract of land as a way and the second well on the tract of land as a way and the second was a notice shall include the name, address, to the operator and the operator's authorized in the Secretary, at the WV Department of	well operator has an intent to follows: Easting Northing Jublic Road Access: Vused farm name: 47 095 elephone number, and if ava at representative. Additional in Environmental Protection here	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable, information eadquarters,
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number related to horizon	given: t Virginia Code § 22-6A-16(b), noter's land for the purpose of drillin Morrison Run of McElroy Cre Include: t Virginia Code § 22-6A-16(b), this and electronic mail address of the street, SE, Charleston, WV 25- given by:	tice is hereby given that the undersigned was a horizontal well on the tract of land as the second state of land as the second state of land as the land second state of land as the land second state of land as the land second state of land second	well operator has an intent to follows: Easting Northing Jublic Road Access: Jused farm name: 47095 elephone number, and if avail representative. Additional in Environmental Protection here.	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable, information eadquarters, idefault.aspx
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number related to horizon located at 601 57 Notice is hereby Well Operator:	given: t Virginia Code § 22-6A-16(b), noter's land for the purpose of drillin Morrison Run of McElroy Cre Include: t Virginia Code § 22-6A-16(b), this and electronic mail address of the street, SE, Charleston, WV 25 given by: EQT Produ	tice is hereby given that the undersigned was a horizontal well on the tract of land as a well on the shall include the name, address, to the operator and the operator's authorized in the Secretary, at the WV Department of 304 (304-926-0450) or by visiting www.dection Company Authorized Represent	well operator has an intent to follows: Easting Northing Jubic Road Access: vised farm name: 47095 elephone number, and if avail representative. Additional in Environmental Protection here.	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable, information eadquarters, idefault.aspx
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number related to horizor located at 601 57	given: t Virginia Code § 22-6A-16(b), noter's land for the purpose of drillin Morrison Run of McElroy Cre Include: t Virginia Code § 22-6A-16(b), this and electronic mail address of the street, SE, Charleston, WV 25- given by: EQT Produ 115 Professional Place	tice is hereby given that the undersigned was a horizontal well on the tract of land as a well on the NAD 83 Tyler MCEIroy Pu Generally Generally ek s notice shall include the name, address, to the operator and the operator's authorized in the Secretary, at the WV Department of 304 (304-926-0450) or by visiting www.de ction Company Authorized Representations and the company Ce, P.O Box 280 Address:	well operator has an intent to follows: Easting Northing Jubic Road Access: vised farm name: vised farm nam	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable, information eadquarters, idefault.aspx Victoria Roa 5 Professional Place, P.O Box 28
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number related to horizor located at 601 57 Notice is hereby Well Operator: Address:	given: t Virginia Code § 22-6A-16(b), noter's land for the purpose of drillin Morrison Run of McElroy Cre Include: t Virginia Code § 22-6A-16(b), this and electronic mail address of the street, SE, Charleston, WV 25- given by: EQT Produ 115 Professional Place	WV Tyler McElroy Shirley s notice shall include the name, address, the operator and the operator's authorized in the Secretary, at the WV Department of 304 (304-926-0450) or by visiting www.de oction Company Ce, P.O Box 280 Dort, WV 26330	well operator has an intent to follows: Easting Northing Jublic Road Access: Jused farm name: Jused farm na	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable, information eadquarters, idefault.aspx Victoria Roa 5 Professional Place, P.O Box 28 IVED Bridgeport, WV 263
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number related to horizor located at 601 57 Notice is hereby Well Operator: Address: Telephone:	given: I Virginia Code § 22-6A-16(b), note of ser's land for the purpose of drilling the months of the purpose of drilling the months of the purpose of drilling the months of the months of the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of drilling may be obtained from the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of drilling may be obtained from the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of drilling may be obtained from the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of drilling may be obtained from the purpose of drilling may be obtained from the purpose of drilling may be obtained from the purpose of the purpose	WV Tyler McElroy Shirley s notice shall include the name, address, the operator and the operator's authorized in the Secretary, at the WV Department of 304 (304-926-0450) or by visiting www.de ction Company Ce, P.O Box 280 Dort, WV 26330 304-848-0076 Telephone:	well operator has an intent to follows: Easting Northing Jublic Road Access: Jused farm name: Jused farm na	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable, information eadquarters, idefault.aspx Victoria Roa 5 Professional Place, P.O Box 28 iVED Bridgeport, WV 263 il and Gas 304-848-007
Pursuant to West the surface owner State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West facsimile number related to horizon located at 601 57 Notice is hereby Well Operator:	given: I Virginia Code § 22-6A-16(b), note of ser's land for the purpose of drilling the months of the purpose of drilling the months of the purpose of drilling the months of the months of the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of drilling may be obtained from the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of drilling may be obtained from the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of drilling may be obtained from the street, SE, Charleston, WV 25 given by: EQT Produce of the purpose of drilling may be obtained from the purpose of drilling may be obtained from the purpose of drilling may be obtained from the purpose of the purpose	WV Tyler McElroy Shirley s notice shall include the name, address, the operator and the operator's authorized in the Secretary, at the WV Department of 304 (304-926-0450) or by visiting www.de oction Company Ce, P.O Box 280 Dort, WV 26330	well operator has an intent to follows: Easting Northing Jublic Road Access: Jused farm name: Jused farm na	4360607.42 516268.7 60/2 Vivian J Wells et al 0 2 2 6 4 ilable, information eadquarters, idefault.aspx Victoria Roa 5 Professional Place, P.O Box 28 IVED Bridgeport, WV 263

duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business of action 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.

514461

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.

Date of Notice	equirement: Notice shall be provi : 4/17/2015	Date Permit App	AND RESIDENCE OF THE STREET	4/27/20	15	
Delivery meth	od pursuant to West Virginia Cod	e § 22-6A-16(b)				
	HAND DELIVERY	CERTIF RECEI	FIED MAIL RETURN PT REQUESTED	1		
receipt reques drilling a horiz of this subsect subsection ma and if available	. Va. Code § 22-6A-16(b), at least to ted or hand delivery, give the surficing the surficing was followed to the date the notice was properties and the surface, facsimile number and electronical surfaces.	ace owner notice of it iven pursuant to subs provided to the surfac- ice owner. The notice mail address of the c	ts intent to enter upon the section (a), section ten of se owner: Provided, how s, if required, shall includ	he surface owner f this article satis ever, That the no e the name, add	's land for the purpose of fies the requirements otice requirements of this ress, telephone number,	
Notice is herel Name:	by provided to the SURFACE OWN	IER(s): Jean Jackubowski	Name:		Theodore Jackubowsk	r s
Address: —		158 Baumgardner Rd	Address:		1212 Kelso Blvo	-/-
		low Street PA 17584			Windermere FL 34786	-
County: District: Quadrangle: Watershed:	Morrison Run of McElroy Cr	Tyler McElroy Shirley		Northing ic Road Access: ed farm name	5 0 2 2 6 4 ^{Viv}	516268.7 60/2 ian J Wells et al
facsimile numl related to hori	est Virginia Code § 22-6A-16(b), the per and electronic mail address of zontal drilling may be obtained from 57th Street, SE, Charleston, WV 2	the operator and the om the Secretary, at t	operator's authorized re he WV Department of E	epresentative. An	dditional information tection headquarters,	-
Well Operator:	4.75 A	uction Company	Authorized Representat	ive:		Victoria Roark
Address:	115 Professional Pl	ace, P.O Box 280	Address:	·	115 Professional	Place, P.O Box 280
	Bridge	eport, WV 26330			В	ridgeport, WV 26330
Telephone:		304-848-0076	Telephone:			304-848-0076
Email:	<u>V</u>	roark@eqt.com	Email:			vroark@eqt.com
duties. Your pe needed to con	Dil and Gas processes your persona ersonal information may be disclosingly with statutory or regulatory re	sed to other State age equirements, includin	encies or third parties in ng Freedom of Informatio	the normal cour on Act requests.	as part of our regulatory se of business of his 14 2 3 Our office will	D 304-848-0041 Fd Gas d Gas 145
	secure your personal information. vacy Officer at depprivacyofficer@		tions about our use or yo		rmation, please contact in WW VDE SECTION TO THE PROPERTY OF T	Protection Protection Protection

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.

ate of Notice:	4/17/2015	Date Permit Ap	plication Filed:	4/27/2015	======	
		ENGLISHED STREET				
elivery method	d pursuant to West Virginia Code (§ 22-6A-16(b)				
	HAND DELIVERY	✓ CERTI RECE	IFIED MAIL RETURN IPT REQUESTED			
ceipt requeste illing a horizon this subsection bsection may b	/a. Code § 22-6A-16(b), at least ter d or hand delivery, give the surfac- stal well: Provided, That notice give n as of the date the notice was pro- be waived in writing by the surface facsimile number and electronic m	e owner notice of en pursuant to sub ovided to the surfa e owner. The notic	its intent to enter upon the esection (a), section ten of ace owner: Provided, howe e, if required, shall include	e surface owner's land this article satisfies th ver, That the notice re the name, address, to	of for the purpose of the requirements equirements of this delephone number,	
otice is hereby	provided to the SURFACE OWNER	R(s):	Z.			
Name:	Lo	uis Jackubowski Jr	Name:		Mary Jane Ross	
		922 Robindale Ave	Address:		904 Truce Road	
ddress:	19	SEE HOUHIGUIC HEE				
otice is hereby ursuant to Wes	La	ncaster PA 17601	that the undersigned well	SAMPLE STORY OF THE SOUR COURT OF SAMPLES	Holtwood PA 17532	
otice is hereby ursuant to Wes ne surface owne	La given: tt Virginia Code § 22-6A-16(b), noti	incaster PA 17601 ice is hereby given g a horizontal well WV	that the undersigned well	SAMPLE STORY OF THE SOUR COURT OF SAMPLES	nt to enter upon	4360607.42
otice is hereby ursuant to Wes de surface owne ate:	La given: tt Virginia Code § 22-6A-16(b), noti	incaster PA 17601 ice is hereby given g a horizontal well WV Tyler	that the undersigned well on the tract of land as follo	ows:	nt to enter upon	516268.7
otice is hereby ursuant to Wes ne surface owne ate: ounty:	La given: tt Virginia Code § 22-6A-16(b), noti	incaster PA 17601 ice is hereby given g a horizontal well WV Tyler McElroy	o that the undersigned well on the tract of land as follo UTM NAD 83 Public	Easting Northing Road Access:	nt to enter upon	516268.7 60/2
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	La given: tt Virginia Code § 22-6A-16(b), noti	ice is hereby given g a horizontal well WV Tyler McElroy Shirley	o that the undersigned well on the tract of land as follo UTM NAD 83 Public	Easting Northing Road Access:	nt to enter upon	516268.7 60/2
lotice is hereby ursuant to Wes he surface owner tate: ounty: istrict: tuadrangle: Vatershed: his Notice Shall ursuant to Wes acsimile number	La given: it Virginia Code § 22-6A-16(b), noti er's land for the purpose of drilling Morrison Run of McElroy Cree	ice is hereby given g a horizontal well WV Tyler McElroy Shirley ek notice shall include operator and the the Secretary, at	or that the undersigned well on the tract of land as follow UTM NAD 83 Public Generally use the the name, address, telepte operator's authorized repthe WV Department of Env	Easting Northing Road Access: d farm name: phone number, and if presentative. Addition	Vivia available, al information pleadquarters,	516268.7 60/2
totice is hereby ursuant to Wes ne surface owne tate: ounty: istrict: tuadrangle: //atershed: his Notice Shall ursuant to Wes acsimile number elated to horizo ocated at 601 57	given: It Virginia Code § 22-6A-16(b), noticer's land for the purpose of drilling Morrison Run of McElroy Cree I Include: It Virginia Code § 22-6A-16(b), this is and electronic mail address of the ontal drilling may be obtained from 7th Street, SE, Charleston, WV 253	ice is hereby given g a horizontal well WV Tyler McElroy Shirley ek notice shall include operator and the the Secretary, at	or that the undersigned well on the tract of land as follow UTM NAD 83 Public Generally use the the name, address, telepte operator's authorized repthe WV Department of Env	Easting Northing Road Access: d farm name: phone number, and if presentative. Addition	Vivia available, al information pleadquarters,	516268.7 60/2
otice is hereby ursuant to Wes ne surface owne sate: ounty: istrict: uadrangle: /atershed: his Notice Shall ursuant to Wes acsimile numbe elated to horizo ocated at 601 57	given: It Virginia Code § 22-6A-16(b), noticer's land for the purpose of drilling Morrison Run of McElroy Cree I Include: It Virginia Code § 22-6A-16(b), this is and electronic mail address of the potal drilling may be obtained from 7th Street, SE, Charleston, WV 253 or given by: EQT Product	ce is hereby given a horizontal well WV Tyler McElroy Shirley ek notice shall include operator and the the Secretary, at 104 (304-926-0450)	or that the undersigned well on the tract of land as follow UTM NAD 83 Public Generally use the the name, address, telepte operator's authorized repthe WV Department of Env	Easting Northing Road Access: d farm name: phone number, and if presentative. Addition vironmental Protection v.gov/oil-and-gas/pag	vivia available, al information n beadquarters, ges/defaultrasex 2	516268.7 60/2 n J Wells et a
otice is hereby ursuant to Wes ate: aunty: strict: uadrangle: atershed: ursuant to Wes acsimile number elated to horizo acated at 601 57 otice is hereby fell Operator:	given: It Virginia Code § 22-6A-16(b), noticer's land for the purpose of drilling Morrison Run of McElroy Cree I Include: It Virginia Code § 22-6A-16(b), thise and electronic mail address of the potal drilling may be obtained from 7th Street, SE, Charleston, WV 253 I given by: EQT Product 115 Professional Place	ce is hereby given a horizontal well WV Tyler McElroy Shirley k notice shall include operator and the the Secretary, at 104 (304-926-0450) ction Company e, P.O Box 280	or that the undersigned well on the tract of land as follow UTM NAD 83 Public Generally use the the name, address, telepte operator's authorized repte the WV Department of Envilon or by visiting www.dep.w	Easting Northing Road Access: d farm name: phone number, and if presentative. Addition vironmental Protection v.gov/oil-and-gas/pag	Vivia available, al information headquarters, ges/defaultraspx 2	516268.7 60/2 n J Wells et a Victoria R ace, P.O Box
otice is hereby ursuant to Wes ate: bunty: strict: uadrangle: /atershed: his Notice Shall ursuant to Wes acsimile numbe elated to horizo ocated at 601 55 otice is hereby fell Operator: ddress:	given: It Virginia Code § 22-6A-16(b), noticer's land for the purpose of drilling Morrison Run of McElroy Cree I Include: It Virginia Code § 22-6A-16(b), thise and electronic mail address of the potal drilling may be obtained from 7th Street, SE, Charleston, WV 253 I given by: EQT Product 115 Professional Place	wv Tyler McElroy Shirley ek notice shall include operator and the the Secretary, at 04 (304-926-0450 ction Company e, P.O Box 280 ort, WV 26330	or that the undersigned well on the tract of land as follows: UTM NAD 83 Public Generally use de the name, address, telepte operator's authorized repthe WV Department of Envilon or by visiting www.dep.wellows:	Easting Northing Road Access: d farm name: phone number, and if presentative. Addition vironmental Protectio v.gov/oil-and-gas/pag	Vivia available, al information pleadquarters, ges/defaultraspx 115 Professional Pl Brid	516268.7 60/2 n J Wells et a Victoria R ace, P.O Boolgeport, WV 2
lotice is hereby ursuant to Wes ne surface owne tate: ounty: istrict: uadrangle: /atershed: his Notice Shall ursuant to Wes ecsimile numbe elated to horizo ocated at 601 5; lotice is hereby /ell Operator: ddress:	Individual Code § 22-6A-16(b), noticer's land for the purpose of drilling Morrison Run of McElroy Cree Include: It Virginia Code § 22-6A-16(b), this is and electronic mail address of the portal drilling may be obtained from 7th Street, SE, Charleston, WV 253 is given by: EQT Production of McElroy Cree Includes and the portal drilling may be obtained from 115 Professional Place Bridgep.	wv Tyler McElroy Shirley ek notice shall include operator and the the Secretary, at 104 (304-926-0450) ction Company e, P.O Box 280 ort, WV 26330 304-848-0076	or that the undersigned well on the tract of land as follows: UTM NAD 83 Public Generally use de the name, address, telegone the WV Department of Env. (2) or by visiting www.dep.wo (2) Authorized Representative Address: Telephone:	Easting Northing Road Access: d farm name: phone number, and if presentative. Addition vironmental Protectio v.gov/oil-and-gas/pag	Vivia available, al information pleadquarters, ges/defaultraspx 115 Professional Pl Bric	516268.7 60/2 n J Wells et a Victoria Face, P.O Boolgeport, WV 2 304-848-
lotice is hereby ursuant to Wes he surface owner tate: ounty: istrict: tuadrangle: Vatershed: his Notice Shall ursuant to Wes acsimile number	Individual Code § 22-6A-16(b), noticer's land for the purpose of drilling Morrison Run of McElroy Cree Include: It Virginia Code § 22-6A-16(b), this is and electronic mail address of the portal drilling may be obtained from 7th Street, SE, Charleston, WV 253 is given by: EQT Production of McElroy Cree Includes and the portal drilling may be obtained from 115 Professional Place Bridgep.	wv Tyler McElroy Shirley ek notice shall include operator and the the Secretary, at 04 (304-926-0450 ction Company e, P.O Box 280 ort, WV 26330	or that the undersigned well on the tract of land as follows: UTM NAD 83 Public Generally use de the name, address, telepte operator's authorized repthe WV Department of Envilon or by visiting www.dep.wellows:	Easting Northing Road Access: d farm name: phone number, and if presentative. Addition vironmental Protectio v.gov/oil-and-gas/pag	Vivia available, al information nheadquarters, ges/defaultraspx 115 Professional Pl Brice	516268.7 60/2 n J Wells et a Victoria F ace, P.O Bookigeport, WV

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 businessar as nent of needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will protection 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.

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-

Date of Notice:	4/17/2015	Date Permit App	plication Filed:	4/27/2015	—	
Delivery method	d pursuant to West Virginia Co	de § 22-6A-16(b)				
	_ HAND	CERTI	FIED MAIL RETURN			
	DELIVERY	RECEI	FIED MAIL RETURN IPT REQUESTED			
Pursuant to W. \	√a. Code § 22-6A-16(b), at least	ten days prior to filin	g a permit application, an o	operator shall, by certifie	ed mail return	
	ed or hand delivery, give the sur					
drilling a horizon	ntal well: Provided, That notice	given pursuant to sub	section (a), section ten of t	his article satisfies the re	equirements	
	n as of the date the notice was	Many and the part was will be according		CONTRACTOR CONTRACTOR AND		
	be waived in writing by the sur		The second contract of			
and if available,	facsimile number and electroni	c mail address of the	operator and the operator'	s authorized representa	tive.	
Notice is hereby	provided to the SURFACE OW	NED(c).				
Name:	provided to the Soll ACE OW	Susan Buzzard	Name:		Sharon Graeff	
Address:			Address:		3217 Eisenbrown Rd	
Huuless.		21 Cherokee Road	Audress.			
Notice is hereby Pursuant to Wes	y given: st Virginia Code § 22-6A-16(b), r	illow Street PA 17584 notice is hereby given	that the undersigned well	operator has an intent to	Reading PA 19605	
Notice is hereby Pursuant to Wes	given:	notice is hereby given ling a horizontal well	that the undersigned well	operator has an intent to ws:	Reading PA 19605	4360607 42
Notice is hereby Pursuant to Wes the surface own	y given: st Virginia Code § 22-6A-16(b), r	illow Street PA 17584 notice is hereby given ling a horizontal well	that the undersigned well	operator has an intent to ws: Easting	Reading PA 19605	4360607.42 516268.7
Notice is hereby Pursuant to Wes the surface own State: County:	y given: st Virginia Code § 22-6A-16(b), r	notice is hereby given ling a horizontal well WV Tyler	that the undersigned well on the tract of land as follo	operator has an intent to ws:	Reading PA 19605	4360607.42 516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District:	y given: st Virginia Code § 22-6A-16(b), r	illow Street PA 17584 notice is hereby given ling a horizontal well	that the undersigned well on the tract of land as follo	operator has an intent to ws: Easting Northing Road Access:	Reading PA 19605 o enter upon	516268.7
Notice is hereby Pursuant to Wes	y given: st Virginia Code § 22-6A-16(b), r	notice is hereby given ling a horizontal well WV Tyler McElroy Shirley	that the undersigned well on the tract of land as follo UTM NAD 83 Public	operator has an intent to ws: Easting Northing Road Access:	Reading PA 19605 o enter upon	516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed:	y given: st Virginia Code § 22-6A-16(b), r er's land for the purpose of dril	notice is hereby given ling a horizontal well WV Tyler McElroy Shirley	that the undersigned well on the tract of land as follo UTM NAD 83 Public	operator has an intent to ws: Easting Northing Road Access:	Reading PA 19605 o enter upon	516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed:	y given: st Virginia Code § 22-6A-16(b), r er's land for the purpose of dril	notice is hereby given ling a horizontal well WV Tyler McElroy Shirley	that the undersigned well on the tract of land as follo UTM NAD 83 Public Generally used	operator has an intent to ws: Easting Northing Road Access: I farm name:	Reading PA 19605 o enter upon Viviar	516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes	y given: st Virginia Code § 22-6A-16(b), r er's land for the purpose of dril Morrison Run of McElroy C	notice is hereby given ling a horizontal well well your Tyler McElroy Shirley reek	that the undersigned well on the tract of land as follo UTM NAD 83 Public Generally used	operator has an intent to ws: Easting Northing Road Access: I farm name:	Reading PA 19605 o enter upon Viviar	516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes facsimile numbe	y given: st Virginia Code § 22-6A-16(b), r er's land for the purpose of dril Morrison Run of McElroy C I Include: st Virginia Code § 22-6A-16(b), t	notice is hereby given ling a horizontal well wy Tyler McElroy Shirley reek	that the undersigned well on the tract of land as follo UTM NAD 83 Public Generally used the name, address, telepte operator's authorized rep	operator has an intent to ws: Easting Northing Road Access: I farm name: hone number, and if avaresentative. Additional i	Reading PA 19605 o enter upon Viviar iilable, nformation	516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes facsimile numbe related to horize	y given: st Virginia Code § 22-6A-16(b), r er's land for the purpose of dril Morrison Run of McElroy C I Include: st Virginia Code § 22-6A-16(b), t er and electronic mail address o	notice is hereby given ling a horizontal well wy Tyler McElroy Shirley reek	that the undersigned well on the tract of land as folloon the tract of the the name, address, telepte operator's authorized repthe WV Department of Env	operator has an intent to ws: Easting Northing Road Access: If farm name: hone number, and if ava resentative. Additional i	Reading PA 19605 o enter upon Viviar silable, information eadquarters,	516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes facsimile numbe related to horizo located at 601 5	Morrison Run of McElroy C I Include: st Virginia Code § 22-6A-16(b), r Morrison Run of McElroy C I Include: st Virginia Code § 22-6A-16(b), r er and electronic mail address o ontal drilling may be obtained fr 7th Street, SE, Charleston, WV	notice is hereby given ling a horizontal well wy Tyler McElroy Shirley reek	that the undersigned well on the tract of land as folloon the tract of the the name, address, telepte operator's authorized repthe WV Department of Env	operator has an intent to ws: Easting Northing Road Access: If farm name: hone number, and if ava resentative. Additional i	Reading PA 19605 o enter upon Viviar silable, information eadquarters,	516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes facsimile numbe related to horize located at 601 5	were given: st Virginia Code § 22-6A-16(b), rer's land for the purpose of dril Morrison Run of McElroy Collinates st Virginia Code § 22-6A-16(b), ter and electronic mail address of contal drilling may be obtained from the Street, SE, Charleston, WV is given by:	notice is hereby given ling a horizontal well wy Tyler McElroy Shirley reek	that the undersigned well on the tract of land as folloon the tract of the the name, address, telepte operator's authorized repthe WV Department of Env	Deperator has an intent to ws: Easting	Reading PA 19605 o enter upon Viviar silable, information eadquarters,	516268.7 60/2
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes facsimile numbe related to horize located at 601 5	were given: st Virginia Code § 22-6A-16(b), rer's land for the purpose of dril Morrison Run of McElroy Collinates st Virginia Code § 22-6A-16(b), ter and electronic mail address of contal drilling may be obtained from the Street, SE, Charleston, WV in given by:	notice is hereby given ling a horizontal well wy Tyler McElroy Shirley reek this notice shall include the operator and the com the Secretary, at 25304 (304-926-0450) duction Company	that the undersigned well on the tract of land as folloon the tract of generally used the the name, address, telepte operator's authorized repthe WV Department of Env.) or by visiting www.dep.wv	Deperator has an intent to ws: Easting	Reading PA 19605 o enter upon Viviar bilable, information eadquarters, /default.aspx	516268.7 60/2 n J Wells et al Victoria Ro ace, P.O Box
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes facsimile numbe related to horize located at 601 5	Morrison Run of McElroy C I Include: st Virginia Code § 22-6A-16(b), r Morrison Run of McElroy C I Include: st Virginia Code § 22-6A-16(b), t er and electronic mail address o contal drilling may be obtained fr 7th Street, SE, Charleston, WV I given by: EQT Proc 115 Professional P	notice is hereby given ling a horizontal well wy Tyler McElroy Shirley reek this notice shall include the operator and the com the Secretary, at 25304 (304-926-0450) duction Company	that the undersigned well on the tract of land as folloon to the tract of the the name, address, telepte operator's authorized repthe WV Department of Environ to the track of	Deperator has an intent to ws: Easting	Reading PA 19605 o enter upon Viviar silable, information eadquarters, /default.aspx	Victoria Roce, P. O Box
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes facsimile numbe related to horize	Morrison Run of McElroy C I Include: St Virginia Code § 22-6A-16(b), r Morrison Run of McElroy C I Include: St Virginia Code § 22-6A-16(b), t er and electronic mail address o contal drilling may be obtained fr 7th Street, SE, Charleston, WV r given by: EQT Prof 115 Professional P Bridg	motice is hereby given ling a horizontal well wy Tyler McElroy Shirley reek this notice shall include the operator and the com the Secretary, at 25304 (304-926-0450) duction Company clace, P.O Box 280 (seport, WV 26330 304-848-0076	that the undersigned well on the tract of land as folloon to the tract of the the name, address, telepte operator's authorized repthe WV Department of Environ to the track of	Deperator has an intent to ws: Easting	Neading PA 19605 o enter upon Viviar viviar silable, information eadquarters, /default.aspx	Victoria Roce, P.O Box
Notice is hereby Pursuant to Wes the surface own State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes facsimile numbe related to horize located at 601 5' Notice is hereby Well Operator: Address:	Morrison Run of McElroy C I Include: St Virginia Code § 22-6A-16(b), r Morrison Run of McElroy C I Include: St Virginia Code § 22-6A-16(b), t er and electronic mail address o contal drilling may be obtained fr 7th Street, SE, Charleston, WV r given by: EQT Prof 115 Professional P Bridg	notice is hereby given ling a horizontal well wy Tyler McElroy Shirley reek this notice shall include the operator and the com the Secretary, at 25304 (304-926-0450) duction Company llace, P.O Box 280 geport, WV 26330	that the undersigned well on the tract of land as folloon to the tract of Enveronment	Deperator has an intent to ws: Easting	Neading PA 19605 o enter upon Viviar viviar silable, information eadquarters, /default.aspx	Victoria Roce, P. O Box

The Office of Oil and Gas processes your personal information, such as name, address and telephone number Vas Part of Oil and Gas processes your personal information, such as name, address and telephone number Vas Part of Oil and Gas processes your personal information, such as name, address and telephone number Vas Part of Oil and Gas processes your personal information, such as name, address and telephone number Vas Part of Oil and Gas processes your personal information, such as name, address and telephone number Vas Part of Oil and Gas processes your personal information, such as name, address and telephone number Vas Part of Oil and Gas processes your personal information in the Oil and Gas processes your person duties. Your personal information may be disclosed to other State agencies or third parties in the normal purification 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.

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.

Date of Notice:	4/17/2015	Date Permit Appl	lication Filed:	4/27/2015	_	
Delivery metho	d pursuant to West Virginia Code	§ 22-6A-16(b)				
	HAND DELIVERY	CERTIF RECEIF	TIED MAIL RETURN PT REQUESTED			
receipt requeste drilling a horizor of this subsectio subsection may	Va. Code § 22-6A-16(b), at least to ed or hand delivery, give the surfa ntal well: Provided, That notice given on as of the date the notice was properties of the surface be waived in writing by the surface facsimile number and electronic	ce owner notice of it ven pursuant to subs rovided to the surfac ce owner. The notice	is intent to enter upon the : ection (a), section ten of th e owner: Provided, howeve , if required, shall include ti	surface owner's land for is article satisfies the re er, That the notice requi he name, address, telep	the purpose of quirements rements of this hone number,	
Notice is hereby	provided to the SURFACE OWN	FR(c)·				
Name:	• Processing and the second of	Virginia Hornberger	Name:	Anth	ony Jackubowski Jr	
Address:		3415 River Road	Address:	9	35 Shawnee Street	
	A	Reading PA 19605		Wilk	es Barre PA 18702	
State: County:		WV Tyler	UTM NAD 83	Easting		0607.42 16268.7
District:		McElroy	Public R	oad Access:	3.	60/2
Quadrangle:	•	Shirley	Generally used	0.0 man () () () () () () () () () (Vivian J We	
Watershed:	Morrison Run of McElroy Cre			-	V0 NO 982 SUID 11553	
facsimile number related to horize	I Include: st Virginia Code § 22-6A-16(b), thi er and electronic mail address of t ontal drilling may be obtained fro 7th Street, SE, Charleston, WV 25	he operator and the m the Secretary, at tl	operator's authorized repr he WV Department of Envir	esentative. Additional ir onmental Protection he	nformation eadquarters, n 🤈 🤈	6 4
Notice is hereby					N/Lai	esate mesal
Well Operator:	115 Professional Pla	cc. P.O. Box 280	Authorized Representative		5 Professional Place, F	toria Roarl
Address:		port, WV 26330	Address:	4.4		rt, WV 2633
Telephone:	Dirage	304-848-0076	Telephone:	=		4-848-0076
Email:	vro	oark@eqt.com	Email:			@eqt.com
Facsimile:		304-848-0041	Facsimile:		30	4-848-004:
-		,	,	F	RECEIVED	
Oil and Gas Priv	acy Notice: and Gas processes your persona		s name address and teleph	Office	of Oil and Gas	S
The Office of Oil		intormation cites a				
The Office of Oil duties, Your per	sonal information may be disclose	i information, such a ed to other State age	s name, address and teleph encies or third parties in the	normal course of busin	essor as A 2015	

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

Operator	Well No.	
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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 R Date of Notice	requirement: Notice shall be provided at least TEN (10) e: 4/17/2015 Date Permit App		
Delivery meth	nod pursuant to West Virginia Code § 22-6A-16(b)		
	HAND DELIVERY CERTIF	FIED MAIL RETURN PT REQUESTED	
receipt reques drilling a horiz of this subsect subsection ma	V. Va. Code § 22-6A-16(b), at least ten days prior to filing sted or hand delivery, give the surface owner notice of it contal well: Provided, That notice given pursuant to substion as of the date the notice was provided to the surface by be waived in writing by the surface owner. The notice e, facsimile number and electronic mail address of the contact of the con	ts intent to enter upon the surface own section (a), section ten of this article sat ce owner: Provided, however, That the r e, if required, shall include the name, ad	er's land for the purpose of isfies the requirements notice requirements of this dress, telephone number,
	by provided to the SURFACE OWNER(s):	Name	
Name: Address:	Raymond A Jackubowski	Name:	Beverly A Chisdock
Address.	123 North Pioneer Ave Shavertown PA 18708	Address:	213 Lehigh Street Avoca PA 18641
	511070110111111111111111111111111111111		71000171 10011
Notice is here Pursuant to W	by given: /est Virginia Code § 22-6A-16(b), notice is hereby given	that the undersigned well operator has	an intent to enter upon
Pursuant to W the surface ow State:	est Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well of the work with the work wi	on the tract of land as follows: UTM NAD 83 Easting_	4360607.42
Pursuant to W the surface ow State: County:	est Virginia Code § 22-6A-16(b), notice is hereby given vner's land for the purpose of drilling a horizontal well of the work with the work wi	on the tract of land as follows: UTM NAD 83 Easting _ Northing _	4360607.42 516268.7
Pursuant to W the surface ow State: County: District:	vest Virginia Code § 22-6A-16(b), notice is hereby given where's land for the purpose of drilling a horizontal well of the purpose of the purpose of drilling a horizontal well of the purpose of the pur	on the tract of land as follows: UTM NAD 83 Rorthing Public Road Access:	4360607.42 516268.7 60/2
Pursuant to W the surface ow State: County: District: Quadrangle:	vest Virginia Code § 22-6A-16(b), notice is hereby given ver's land for the purpose of drilling a horizontal well of the purpose of the purpose of drilling a horizontal well of the purpose of the purpo	on the tract of land as follows: UTM NAD 83 Easting _ Northing _	4360607.42 516268.7
Pursuant to W the surface ow State: County: District:	vest Virginia Code § 22-6A-16(b), notice is hereby given where's land for the purpose of drilling a horizontal well of the purpose of the purpose of drilling a horizontal well of the purpose of the pur	on the tract of land as follows: UTM NAD 83 Rorthing Public Road Access:	4360607.42 516268.7 60/2 Vivian J Wells et al
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numi related to hori	/est Virginia Code § 22-6A-16(b), notice is hereby given ovner's land for the purpose of drilling a horizontal well of the purpose of drilling a horizontal	UTM NAD 83 Public Road Access: Generally used farm name: e the name, address, telephone number coperator's authorized representative.	4360607.42 516268.7 60/2 Vivian J Wells et al 47 0 9 5 0 2 2 6 4 r, and if available, Additional information rotection headquarters,
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numi related to hori	Vest Virginia Code § 22-6A-16(b), notice is hereby given ovner's land for the purpose of drilling a horizontal well of Tyler McElroy Shirley Morrison Run of McElroy Creek Mall Include: Vest Virginia Code § 22-6A-16(b), this notice shall include ber and electronic mail address of the operator and the izontal drilling may be obtained from the Secretary, at the Street, SE, Charleston, WV 25304 (304-926-0450)	UTM NAD 83 Public Road Access: Generally used farm name: e the name, address, telephone number coperator's authorized representative.	4360607.42 516268.7 60/2 Vivian J Wells et al 47 0 9 5 0 2 2 6 4 r, and if available, Additional information rotection headquarters,
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hori located at 601	WV Tyler Morrison Run of McElroy Creek Morrison Run of McElroy Creek Mest Virginia Code § 22-6A-16(b), notice is hereby given over's land for the purpose of drilling a horizontal well of the purpose of drilling a horizontal drilling may be obtained from the Secretary, at the street, SE, Charleston, WV 25304 (304-926-0450) Style given by: EQT Production Company	UTM NAD 83 Public Road Access: Generally used farm name: e the name, address, telephone number coperator's authorized representative.	4360607.42 516268.7 60/2 Vivian J Wells et al 4709502264 r, and if available, Additional information rotection headquarters, -gas/pages/default.aspx
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hori located at 601 Notice is here	/est Virginia Code § 22-6A-16(b), notice is hereby given ovner's land for the purpose of drilling a horizontal well of Tyler McElroy Shirley Morrison Run of McElroy Creek mall Include: //est Virginia Code § 22-6A-16(b), this notice shall include ber and electronic mail address of the operator and the izontal drilling may be obtained from the Secretary, at to 57th Street, SE, Charleston, WV 25304 (304-926-0450) by given by: EQT Production Company 115 Professional Place, P.O Box 280	UTM NAD 83 Easting Northing Public Road Access: Generally used farm name: e the name, address, telephone number to operator's authorized representative. A the WV Department of Environmental Pill or by visiting www.dep.wv.gov/oil-and-	4360607.42 516268.7 60/2 Vivian J Wells et al 470950264 r, and if available, Additional information rotection headquarters, gas/pages/default.aspx Victoria Roark
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hori located at 601 Notice is here Well Operator: Address:	Vest Virginia Code § 22-6A-16(b), notice is hereby given ovner's land for the purpose of drilling a horizontal well of the purpose of drilling a horizontal drilling may be obtained from the Secretary, at the street of the purpose of the purpose of the purpose of the Secretary, at the street of the purpose of the purpose of the Secretary, at the street of the purpose of the purpo	UTM NAD 83 Easting Northing Public Road Access: Generally used farm name: e the name, address, telephone number operator's authorized representative. At the WV Department of Environmental Potential Pote	4360607.42 516268.7 60/2 Vivian J Wells et al 470950264 r, and if available, Additional information rotection headquarters, gas/pages/default.aspx Victoria Roark 115 Professional Place, P.O Box 280 Bridgeport, WV 26330
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hori located at 601 Notice is here Well Operator:	/est Virginia Code § 22-6A-16(b), notice is hereby given ovner's land for the purpose of drilling a horizontal well of the purpose of drilling a horizontal drilling may be obtained from the Secretary, at the street of the purpose of the purpose of the purpose of the secretary, at the street of the purpose	UTM NAD 83 Easting Northing Public Road Access: Generally used farm name: e the name, address, telephone number operator's authorized representative. Athe WV Department of Environmental Properties of the WV Department of Environment	4360607.42 516268.7 60/2 Vivian J Wells et al 470950264 r, and if available, Additional information rotection headquarters, gas/pages/default.aspx Victoria Roark 115 Professional Place, P.O Box 280 Bridgeport, WV 26330 RECEIVED 304-848-0076
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hori located at 601 Notice is here Well Operator: Address: Telephone: Email:	/est Virginia Code § 22-6A-16(b), notice is hereby given ovner's land for the purpose of drilling a horizontal well of the purpose of drilling a horizontal drilling may be obtained from the Secretary, at the street of the purpose of the operator and the dizontal drilling may be obtained from the Secretary, at the street, SE, Charleston, WV 25304 (304-926-0450) obtained from the Secretary, at the street of the purpose of the purpose of the operator and the dizontal drilling may be obtained from the Secretary, at the street of the street of the purpose of the operator and the dizontal drilling may be obtained from the Secretary, at the street of the street of the purpose of the operator and the dizontal drilling may be obtained from the Secretary, at the street of t	UTM NAD 83 Easting Northing Public Road Access: Generally used farm name: e the name, address, telephone number c operator's authorized representative. A the WV Department of Environmental Pr or by visiting www.dep.wv.gov/oil-and- Authorized Representative: Address: Telephone: Email:	4360607.42 516268.7 60/2 Vivian J Wells et al 470950264 r, and if available, Additional information rotection headquarters, gas/pages/default.aspx Victoria Roark 115 Professional Place, P.O Box 280 Bridgeport, WV 26330 RECEIVED 304-848-0076
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hori located at 601 Notice is here Well Operator: Address:	/est Virginia Code § 22-6A-16(b), notice is hereby given ovner's land for the purpose of drilling a horizontal well of the purpose of drilling a horizontal drilling may be obtained from the Secretary, at the street of the purpose of the purpose of the purpose of the secretary, at the street of the purpose	UTM NAD 83 Easting Northing Public Road Access: Generally used farm name: e the name, address, telephone number operator's authorized representative. Athe WV Department of Environmental Properties of the WV Department of Environment	4360607.42 516268.7 60/2 Vivian J Wells et al 470950264 r, and if available, Additional information rotection headquarters, gas/pages/default.aspx Victoria Roark 115 Professional Place, P.O Box 280 Bridgeport, WV 26330 RECEIVED 304-848-0076

duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of builds Department of needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our of which mental Protection

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.

07/24/2015

Operator Well No.	
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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.

UA-10(a) Have	NOT been met of if the Notice of Intent to Drill require	ment has NOT been waived in	witting by the surface	owner.
Notice Time Re Date of Notice	equirement: Notice shall be provided at least TEN (10): ———————————————————————————————————	등 전 제 그는 등 그는 것 같다.	oplication. 4/27/2015	
Delivery meth	od pursuant to West Virginia Code § 22-6A-16(b)			
	HAND CERTIF	FIED MAIL RETURN PT REQUESTED		
receipt request drilling a horize of this subsection subsection ma	Va. Code § 22-6A-16(b), at least ten days prior to filing ted or hand delivery, give the surface owner notice of it ontal well: Provided, That notice given pursuant to substion as of the date the notice was provided to the surfacy be waived in writing by the surface owner. The notice of the comment of the	ts intent to enter upon the su section (a), section ten of this se owner: Provided, however, e, if required, shall include the	rface owner's land for t article satisfies the requ That the notice require name, address, telepho	he purpose of uirements ements of this one number,
	by provided to the SURFACE OWNER(s):	/ Name		
Name: Address:	Cynthia Kryzwicki 213 Nicholson St	Name: Address:	4:	Andrea Shotts
Address.	Wilkes-Barre PA 18702	Audress		32-2 East Main St mouth PA 18651
State: County:	wer's land for the purpose of drilling a horizontal well of the following state of the purpose of drilling a horizontal well of the following state of the purpose of drilling a horizontal well of the purpose of the purpose of drilling a horizontal well of the purpose of the p	UTM NAD 83	Easting 470	9 5 0 2 2366507,42
District: Quadrangle:	McElroy Shirley	Public Roa Generally used far		60/2 Vivian J Wells et al
Watershed:	Morrison Run of McElroy Creek	Generally used rai	m name.	VIVIAIT 3 WEIIS EC AI
facsimile numb related to hori	all Include: est Virginia Code § 22-6A-16(b), this notice shall include per and electronic mail address of the operator and the zontal drilling may be obtained from the Secretary, at t 57th Street, SE, Charleston, WV 25304 (304-926-0450)	operator's authorized repres he WV Department of Enviror	entative. Additional info nmental Protection hea	ormation dquarters,
Notice is herel	by given by:			
Well Operator:	EQT Production Company	Authorized Representative:	- January	Victoria Roark
Address:	115 Professional Place, P.O Box 280 Bridgeport, WV 26330	Address:	115	Professional Place, P.O Box 280
Telephone:	304-848-0076	Telephone:		Bridgeport, WV 26330
Email:	vroark@eqt.com	Email:		vroark@egt.com
Facsimile:	304-848-0041	Facsimile:	01	fice of Oil ar ₃₀₄₋₈₄₈₋₀₀₄₁
Oil and Gas Pr	ivacy Notice:			MAY 0 4 2015

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 and personal personal information may be disclosed to other State agencies or third parties in the normal course of business appropriately of 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.

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.

8. 71					
Notice Time Re	quirement: Notice shall be provided at least TEN (10)	days prior to filing a	permit application.		
Date of Notice:			4/27/2015		
			·		
Delivery metho	d pursuant to West Virginia Code § 22-6A-16(b)				
	_ HAND CERTI	FIED MAIL RET PT REQUESTE	URN		
	DELIVERY	PT REQUESTE	D		
Pursuant to W	Va. Code § 22-6A-16(b), at least ten days prior to filin	g a permit applicatio	an operator shall by certific	ied mail return	
	ed or hand delivery, give the surface owner notice of	- Control of the cont			
	ntal well: Provided, That notice given pursuant to sub	AND		AND DESCRIPTION OF THE PROPERTY.	
	on as of the date the notice was provided to the surfa				
	be waived in writing by the surface owner. The notice				
	facsimile number and electronic mail address of the			5/,	
Notice is hereb	y provided to the SURFACE OWNER(s):	/			
Name:	Lisa Wesolowski	Name:		John Paul Davis	2
Address:	254 Lampman Street	Address: _		45 Crystal Lake Road	
·	Avoca PA 18641		W	est Union WV 26456	
Notice is hereb	y given:				
Pursuant to We	st Virginia Code § 22-6A-16(b), notice is hereby given	that the undersigne	d well operator has an intent	to enter upon	
the surface own	ner's land for the purpose of drilling a horizontal well	on the tract of land a	as follows:		
State:	WV	UTM NAD 83	Easting		4360607.42
County:	Tyler		Northing		516268.7
District:	McElroy		Public Road Access:		60/2
Quadrangle:	Shirley	Genera	ally used farm name:	Viviar	n J Wells et al
Watershed:	Morrison Run of McElroy Creek)
were known and	H. C. C. C. C.			2264	
This Notice Sha		CAR CHARGE	0 5.1	A free	
	st Virginia Code § 22-6A-16(b), this notice shall include		All W		
	er and electronic mail address of the operator and the				
	ontal drilling may be obtained from the Secretary, at				
located at 601	57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.	dep.wv.gov/oii-and-gas/page	ѕ/аеташт.аѕрх	
Notice is hereb	y given by				
Well Operator:	EQT Production Company	Authorized Repres	antativo:		Victoria Roar
Address:	115 Professional Place, P.O Box 280	Address:		115 Professional Pla	
Address.	Bridgeport, WV 26330	Address.			geport, WV 2633
Talaahana	304-848-0076	Talanhana		RECEIVED	304-848-007
Telephone:	vroark@eqt.com	Telephone:	150	o of Oil and	
Email:	304-848-0041	Email: Facsimile:	Offic	e of Oil andw	304-848-004
Facsimile:	304-848-0041	racsimile.		2 0015	304-046-004
Oil and Gas Priv	vacy Notice:			MAY 0 4 2015	
The Office of Oi	l and Gas processes your personal information, such	as namo addross an	d talanhana numbar as part	of our regulatory	
duties Vans	rsonal information may be disclosed to other State ag	oncios or third parti	or in the normal source and.	4.Departmen	t of
uuties. Your pei	isonal imormation may be disclosed to other State ag	encies of third partit	es in the normal course of qu	gingscopasi ci i Droi	tection

needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests Our office will ental Protection 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.

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.

Date of Notice:	quirement: Notice shall be provided at least TEN (10) o		mit application. 4/27/2015	<u> </u>	
Delivery method	d pursuant to West Virginia Code § 22-6A-16(b)				
	HAND CERTIF	FIED MAIL RETURI PT REQUESTED	N		
receipt requeste drilling a horizon of this subsectio subsection may l	/a. Code § 22-6A-16(b), at least ten days prior to filing of or hand delivery, give the surface owner notice of it stal well: Provided, That notice given pursuant to subson as of the date the notice was provided to the surface be waived in writing by the surface owner. The notice, facsimile number and electronic mail address of the o	s intent to enter upon t ection (a), section ten c e owner: Provided, how , if required, shall includ	he surface owner's I f this article satisfies rever, That the notic Ie the name, addres:	and for the purpose of the requirements e requirements of this s, telephone number,	
Notice is hereby	provided to the SURFACE OWNER(s):	1			/
Name:	Richard E Hansen	Name:		Joyce K Hill	-
Address:	1043 Low Gap Road	Address:		88 Arvilla Road	
	Wilburn WV 26459			Bens Run WV 26146	
the Juliuce Own					
State:	WV	UTM NAD 83	Easting		4360607.42
State: County:	Tyler		Northing		516268.7
State: County: District:	Tyler McElroy	Pub	Northing	Vivi	516268.7 60/2
the surface own State: County: District: Quadrangle: Watershed:	Tyler	Pub	Northing	Vivia	516268.7
State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes facsimile numbe related to horizo located at 601 5	Tyler McElroy Shirley Morrison Run of McElroy Creek I Include: St Virginia Code § 22-6A-16(b), this notice shall include or and electronic mail address of the operator and the contal drilling may be obtained from the Secretary, at the 7th Street, SE, Charleston, WV 25304 (304-926-0450)	Pub Generally u the name, address, tel operator's authorized r he WV Department of E	Northing lic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protect wv.gov/oil-and-gas/	d if available, ional information tion headquarters,	516268.7 60/2 an J Wells et al
State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes facsimile numbe related to horizo located at 601 5	Tyler McElroy Shirley Morrison Run of McElroy Creek I Include: It Virginia Code § 22-6A-16(b), this notice shall include or and electronic mail address of the operator and the ontal drilling may be obtained from the Secretary, at the 7th Street, SE, Charleston, WV 25304 (304-926-0450) or given by:	Pub Generally u the name, address, tel operator's authorized r he WV Department of E or by visiting www.dep.	Northing lic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protec wv.gov/oil-and-gas/	d if available, ional information ition headquarters, pages/default.aspx	516268.7 60/2 an J Wells et al
State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes facsimile numbe related to horize located at 601 5: Notice is hereby Well Operator:	Tyler McElroy Shirley Morrison Run of McElroy Creek I Include: It Virginia Code § 22-6A-16(b), this notice shall include or and electronic mail address of the operator and the ontal drilling may be obtained from the Secretary, at the 7th Street, SE, Charleston, WV 25304 (304-926-0450) or given by: EQT Production Company	Pub Generally u the name, address, tel operator's authorized r he WV Department of E or by visiting www.dep.	Northing lic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protec wv.gov/oil-and-gas/	d if available, ional information ition headquarters, pages/default.aspx	516268.7 60/2 an J Wells et al
State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes facsimile numbe related to horizo located at 601 5	Tyler McElroy Shirley Morrison Run of McElroy Creek I Include: It Virginia Code § 22-6A-16(b), this notice shall include ar and electronic mail address of the operator and the contal drilling may be obtained from the Secretary, at the Tth Street, SE, Charleston, WV 25304 (304-926-0450) are given by: EQT Production Company 115 Professional Place, P.O Box 280	Pub Generally u the name, address, tel operator's authorized r he WV Department of E or by visiting www.dep.	Northing lic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protec wv.gov/oil-and-gas/	d if available, ional information tion headquarters, pages/default.aspx 0 9 5 0 2 2	516268.7 60/2 an J Wells et al
State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes facsimile numbe related to horizo located at 601 5' Notice is hereby Well Operator: Address:	Tyler McElroy Shirley Morrison Run of McElroy Creek I Include: It Virginia Code § 22-6A-16(b), this notice shall include or and electronic mail address of the operator and the ontal drilling may be obtained from the Secretary, at the 7th Street, SE, Charleston, WV 25304 (304-926-0450) or given by: EQT Production Company	Pub Generally u the name, address, tel operator's authorized r he WV Department of E or by visiting www.dep.	Northing lic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protec wv.gov/oil-and-gas/	d if available, ional information tion headquarters, pages/default.aspx 0 9 5 0 2 2	516268.7 60/2 in J Wells et al 6 4 Victoria Roa lace, P.O Box 28
State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes facsimile numbe related to horizo located at 601 5: Notice is hereby Well Operator: Address:	Tyler McElroy Shirley Morrison Run of McElroy Creek I Include: It Virginia Code § 22-6A-16(b), this notice shall include or and electronic mail address of the operator and the ontal drilling may be obtained from the Secretary, at the 7th Street, SE, Charleston, WV 25304 (304-926-0450) or given by: EQT Production Company 115 Professional Place, P.O Box 280 Bridgeport, WV 26330	Pub Generally u the name, address, tel operator's authorized r he WV Department of E or by visiting www.dep. Authorized Representa Address:	Northing lic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protec wv.gov/oil-and-gas/	d if available, ional information tion headquarters, pages/default.aspx 0 9 5 0 2 2	516268.7 60/2 in J Wells et al Victoria Roa lace, P.O Box 28 dgeport, WV 263 304-848-007 roark@eqt.co
State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes facsimile numbe related to horize located at 601 5: Notice is hereby Well Operator:	Tyler McElroy Shirley Morrison Run of McElroy Creek I Include: st Virginia Code § 22-6A-16(b), this notice shall include or and electronic mail address of the operator and the sortal drilling may be obtained from the Secretary, at the 7th Street, SE, Charleston, WV 25304 (304-926-0450) or given by: EQT Production Company 115 Professional Place, P.O Box 280 Bridgeport, WV 26330 304-848-0076	Pub Generally u the name, address, tel operator's authorized r he WV Department of E or by visiting www.dep. Authorized Representa Address: Telephone:	Northing lic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protec wv.gov/oil-and-gas/	d if available, ional information tion headquarters, pages/default.aspx 0 9 5 0 2 2	516268.7 60/2 in J Wells et al Victoria Roa lace, P.O Box 28 dgeport, WV 263 304-848-007

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 with epartment of appropriately secure your personal information. If you have any questions about our use or your personal information, please contact Protection Environmental Protection

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 I Date of Notic	Requirement: Notice shall be provided e: 4/17/2015	d at least TEN (10) da _ Date Permit Applic	3 N N N N N N N N N N N N N N N N N N N	nit application. 4/27/2015		
Delivery met	hod pursuant to West Virginia Code §	22-6A-16(b)		4>		
	HAND DELIVERY	CERTIFIE RECEIPT	ED MAIL RETURN REQUESTED	0	950226	
receipt reque drilling a hori of this subsec subsection m	V. Va. Code § 22-6A-16(b), at least ten sted or hand delivery, give the surface zontal well: Provided, That notice give tion as of the date the notice was pro ay be waived in writing by the surface le, facsimile number and electronic m	e owner notice of its n pursuant to subsect vided to the surface owner. The notice, i	intent to enter upon th ction (a), section ten of owner: Provided, howe f required, shall include	e surface owner's land this article satisfies the ever, That the notice re the name, address, to	d for the purpose of e requirements equirements of this elephone number,	
Notice is here	eby provided to the SURFACE OWNER	R(s):	÷		,	
Name: _	Te	rry J Cumberledge	Name:		Allen Dale Fornash	
Address:	138	4 Pratts Run Road	Address:		9217 Bachelor Rd NW	
		Alma WV 26320			Waynesburg OH 44688	
the surface of State:	Vest Virginia Code § 22-6A-16(b), noti wner's land for the purpose of drilling	a horizontal well on		ows: Easting	436	0607.42
County:		Tyler	6.1.0	Northing	5	16268.7
District:	-	McElroy		c Road Access:	VI. I I.W	60/2
Quadrangle: Watershed:	Morrison Run of McElroy Cree	Shirley k	Generally us	ed farm name:	Vivian J W	ens et ai
facsimile nun related to ho	hall Include: Vest Virginia Code § 22-6A-16(b), this ober and electronic mail address of the rizontal drilling may be obtained from 1 57th Street, SE, Charleston, WV 253	e operator and the or the Secretary, at the	perator's authorized re : WV Department of En	presentative. Addition vironmental Protectio	nal in the properties of OII and on the contraction of the contraction	u Gas
Notice is here					14/1/ Donartmi	ent of
Well Operator:		tion Company	Authorized Representati	ve:	WV Departme	
Address:	115 Professional Place	THE WASHINGT PROSERVED AND THE PARTY OF THE	Address:		F35 Pipogastamankače,	
	Bridgepo	ort, WV 26330				rt, WV 26330
Telephone: _		304-848-0076	Telephone:			4-848-0076
Email:	vro	ark@eqt.com	Email:			@eqt.com
Facsimile:		304-848-0041	Facsimile:		30	14-848-0041

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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Notice Time R Date of Notice	equirement: Notice shall be provided :: 4/17/2015	at least TEN (10) Date Permit App		ermit application. 4/27/2015	5	
Delivery meth	od pursuant to West Virginia Code §	22-6A-16(b)				
	HAND DELIVERY	CERTIF RECEI	FIED MAIL RETU	RN		
receipt reques drilling a horize of this subsect subsection ma	. Va. Code § 22-6A-16(b), at least tendeted or hand delivery, give the surface ontal well: Provided, That notice giverion as of the date the notice was proven be waived in writing by the surface of a facsimile number and electronic ma	owner notice of it pursuant to subsided to the surfac owner. The notice	ts intent to enter upor section (a), section ter se owner: Provided, ho s, if required, shall inc	n the surface owner's n of this article satisfie owever, That the notic lude the name, addres	land for the purpose of s the requirements ce requirements of this ss, telephone number,	
	by provided to the SURFACE OWNER(and the second second second	/	F	•	- J
Name: Address:	Total Control	Donald E Bible Sr	Name: Address:	-	Susan L Spencer	
Address.		O Millarton ST SE anton OH 44707	Address.		HC 74 box 98 Alma WV 26320	.
	est Virginia Code § 22-6A-16(b), notice rner's land for the purpose of drilling a			,	ntent to enter upon	
State:		WV	LITAA NIA D. GO	Easting	6	4360607.42
County:		Tyler	UTM NAD 83	Northing	5	516268.7
District:		McElroy	P	ublic Road Access:		60/2
Quadrangle: Watershed:	Morrison Run of McElroy Creek	Shirley	Generally	y used farm name:	Viv	ian J Wells et al
This Notice Sh Pursuant to W facsimile numl related to hori	all Include: est Virginia Code § 22-6A-16(b), this notes and electronic mail address of the zontal drilling may be obtained from to 57th Street, SE, Charleston, WV 2530	otice shall include operator and the the Secretary, at t	operator's authorized he WV Department of	d representative. Addi f Environmental Prote ep.wv.gov/oil-and-gas,	tional information ction headquarters,	as
Well Operator:	EQT Product	ion Company	Authorized Represen			Victoria Roark
Address:	115 Professional Place		Address:		MAS Professional I	Place, P.O Box 280
	Bridgepo	rt, WV 26330				idgeport, WV 26330
Telephone:		304-848-0076	Telephone:	\A		Of304-848-0076
Email:		rk@eqt.com	Email:	V.		प्राट्स्स् ∰ eqt.com
Facsimile:		304-848-0041	Facsimile:	Envi	TOTHIBITION 1	304-848-0041

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.

WW-6A5
(1/12)

514461

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

Date of Notice: MAY 0 2 2015 Date	an the filing date Permit Applicat	ion Filed:	0 2 2015
Delivery method pursuant to West Virginia Code § 22-6A-16(c	:)		
CERTIFIED MAIL RETURN RECEIPT REQUESTED HAND DELIVER	RY		
Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing return receipt requested or hand delivery, give the surface owner who the planned operation. The notice required by this subsection shall increquired to be provided by subsection (b), section ten of this article to drilling of a horizontal well; and (3) A proposed surface use and compedamages to the surface affected by oil and gas operations to the exter (d) The notices required by this section shall be given to the surface of notice.	ose land will be us clude: (1) A copy of a a surface owner ensation agreement the damages ar	sed for the drilling of a horizo of this code section; (2) The in whose land will be used in co ent containing an offer of con re compensable under article	ntal well notice of nformation onjunction with the npensation for six-b of this chapter.
Notice is hereby provided to the SURFACE OWNER(s)			
(at the address listed in the records of the sheriff at the time of notice):		
Name: Vivian Janice Well	-		George Birklein
Address: 1814 Oil Ridge Road	_	-	121 Oxford St
Sistersville WV 2617	5		Sistersville WV 26175
County: Tyler District: McElroy Pu		Easting: Northing:	4,360,602.850000 516,268.810000 60/2 Vivian J Wells et al
This Notice Shall Include:			.*
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose horizontal well; and (3) A proposed surface use and compensation agriculture affected by oil and gas operations to the extent the damages a information related to horizontal drilling may be obtained from the Se headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (5) pages/default.aspx.	se land will be use eement containing are compensable ecretary, at the W	ed in conjunction with the dri ng an offer of compensation f under article six-b of this cha V Department of Environme	lling of a for damages to the pter. Additional ntal Protection
Well Operator: EQT Production Company	Address: 11	L5 Professional Place, P.O. Bo	x 280
Telephone: 304-848-0082	Bridgeport, WV		A Particular Control of the Control
Email: vroark@eqt.com		04-848-0040	
Oil and Gas Privacy Notice:		R	ECEIVED Gas

The Office of Oil and Gas processes your personal information, such as name, address and telephone number propert 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 4 2015 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.

WW-6A5
(1/12)

514461

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

Notice Time Re Date of Notice	equirement notice shall be provided no later t	han the filing e Permit Appl	date of permit application Filed:	atiфhAY 0 2 2015
Delivery metho	od pursuant to West Virginia Code § 22-6A-16	i(c)		
	FIED MAIL HAND RN RECEIPT REQUESTED DELIVI	ERY		
return receipt re the planned ope required to be p drilling of a horiz damages to the	/a. Code § 22-6A-16(c), no later than the date for filit equested or hand delivery, give the surface owner waration. The notice required by this subsection shall it rovided by subsection (b), section ten of this article contal well; and (3) A proposed surface use and compute surface affected by oil and gas operations to the extending by this section shall be given to the surface	those land will be include: (1) A co to a surface ow spensation agre tent the damage	oe used for the drilling oppy of this code section; oner whose land will be ement containing an off es are compensable und	f a horizontal well notice of (2) The information used in conjunction with the fer of compensation for ler article six-b of this chapter.
Notice is hereby	provided to the SURFACE OWNER(s)			
(at the address li	isted in the records of the sheriff at the time of noti	ce):		
Name:	Albina Pa	C9076-18		Clifford Haug
Address:	18 Jenser	 -	ss:	3894 Cellar Ck Rd
	East Brunswick NJ 088	816		Blackstone VA 23824
	Tyler McElroy		Easting: Northing:	4,360,602.850000 516,268.810000 60/2 Vivian J Wells et al
This Notice Shal	l Include:			- 04
Pursuant to Wes to be provided b horizontal well; surface affected information rela	of Virginia Code § 22-6A-16(c), this notice shall including W. Va. Code § 22-6A-10(b) to a surface owner whand (3) A proposed surface use and compensation a by oil and gas operations to the extent the damage ted to horizontal drilling may be obtained from the ocated at 601 57th Street, SE, Charleston, WV 25304	nose land will be agreement cont s are compensa Secretary, at th	e used in conjunction wi aining an offer of compe able under article six-b o se WV Department of En	th the drilling of a ensation for damages to the if this chapter. Additional ovironmental Protection
Well Operator:	EQT Production Company	Address:	115 Professional Place	e, P.O. Box 280
Telephone:	304-848-0082	Bridgeport,	WV 26330	SUCEIVED
Email:	vroark@eqt.com	Facsimile:	304-848-0040	HEULI and Gas
Oil and Gas Priv	acy Notice:			Office of Oil and Gas

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of 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 partment of appropriately secure your personal information. If you have any questions about our use or your personal information, please contact rotection DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A5
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Operator \	Well	No
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07/24/2015

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

NAME AND ADDRESS OF	NOTI	CE OF PLANI	NED OPEKA	HON			
Notice Time Requiren Date of Notice:	nent: notice shall be provid	led no later the Date	an the filing (Permit Appli	date of permit cation Filed:	application.Y 0	2 2015	
Delivery method purs	MAY 0 2 2015 want to West Virginia Code						
CERTIFIED N RETURN RE	MAIL CEIPT REQUESTED	HAND DELIVE	RY				
return receipt requested the planned operation. T required to be provided drilling of a horizontal w damages to the surface a	§ 22-6A-16(c), no later than to lor hand delivery, give the surfice required by this subsection (b), section tenell; and (3) A proposed surface affected by oil and gas operation by this section shall be given to	rface owner who section shall in of this article to e use and comp ons to the exter	ose land will b clude: (1) A co o a surface ow ensation agree nt the damage	e used for the dr py of this code s ner whose land v ement containing s are compensal	illing of a horizont ection; (2) The info will be used in conj g an offer of compe ole under article six	al well notice of ormation unction with the ensation for c-b of this chapter.	
	ed to the SURFACE OWNER(s)						
(at the address listed in t	the records of the sheriff at th	e time of notice): /				
Name:		Timothy M hau	g / Name:			Benjamin A Hau	1g
Address:		390 Cellar Creek R		is:		3890 Cellar Ck F	
	Bla	ickstone VA 2382	4			Blackstone VA 2382	24
			-				
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows: State: WV UTM NAD 83 Easting: 4,360,602.850000 County: Tyler Norting 516,268.810000 Public Road Access: Generally used farm name: Watershed: Morrison Run of McElroy Creek This Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. 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 Operator: EQT Production Company Address: 115 Professional Place, P.O. Box 280 Bridgeport, WV 26330							
	27 (82)		55 100	2 5 7			
	rk@eqt.com		Facsimile:	304-848-0040		-D	
appropriately secure you	ice: s processes your personal info- ormation may be disclosed to statutory or regulatory require or personal information. If you er at depprivacyofficer@wv.go	have any ques			REC e number, as partic rmal course of bus requests. Our offic rsonal information, WV D Environn		n 4/20

WW-6A5	
(1/12)	

514461

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

NOTICE OF PLANNED OPERATION

Notice Time Re Date of Notice:	equirement: Motice shall be provided no later : Dat	than the filing te Permit Appl	date of permit appl ication Filed:	licationy —	0 2 2015	
Delivery metho	od pursuant to West Virginia Code § 22-6A-1	6(c)				
	FIED MAIL HAND RN RECEIPT REQUESTED DELIV					
return receipt red the planned open required to be pr drilling of a horiz damages to the s	(a. Code § 22-6A-16(c), no later than the date for fi quested or hand delivery, give the surface owner was ration. The notice required by this subsection shall rovided by subsection (b), section ten of this article ontal well; and (3) A proposed surface use and con surface affected by oil and gas operations to the executived by this section shall be given to the surface	whose land will be include: (1) A co to a surface ow mpensation agre- tent the damage	e used for the drilling ppy of this code section ner whose land will be ement containing an es are compensable u	g of a horize on; (2) The oe used in c offer of cor nder article	ontal well notice of information onjunction with the mpensation for each of this chapter	t.
Notice is hereby	provided to the SURFACE OWNER(s)					
(at the address list	sted in the records of the sheriff at the time of not	ice): /				
Name:	Jean Jackubo	wski Name:			Theodore Jac	kubowski
Address:	158 Baumgardne	r Rd Addres	ss:		1212 k	Celso Blvd
	Willow St PA 17	7584			Windmer	e FL 34786
operation on the State: County: District:	surface owner's land for the purpose of drilling a leading to the purpose of drilling a lead to the purpose	horizontal well o UTM NAD 83 Public Road Acc	Easting: Northing:	follows:		2.850000 8.810000 60/2
Quadrangle:	Shirley	Generally used	farm name:		Vivian J V	Vells et al
Watershed:	Morrison Run of McElroy Creek					
to be provided by horizontal well; a surface affected l information relat	t Virginia Code § 22-6A-16(c), this notice shall incluy W. Va. Code § 22-6A-10(b) to a surface owner whend (3) A proposed surface use and compensation by oil and gas operations to the extent the damage sed to horizontal drilling may be obtained from the cated at 601 57th Street, SE, Charleston, WV 2530-	hose land will be agreement conta es are compensa e Secretary, at the	used in tonjunction sining an offer of com ble under article six-b e WV Department of	with the dr pensation of this cha Environme	Min of 6 4 for damages to the apter. Additional antal Protection	
Well Operator:	EQT Production Company	Address:	115 Professional Pla	are P.O. Br	ny 280	
Telephone:	304-848-0082	Bridgeport,	110/05000			
Email:	vroark@eqt.com	Facsimile:	304-848-0040		FOUNTED	
	acy Notice: and Gas processes your personal information, such					as

needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will

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514461

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

NOTICE OF PLANNED OPERATION

Notice Time Req Date of Notice:	uirement: notice shall be provided no later th	an the filing date of permit app Permit Application Filed:	Dic### 0 2 2015
Delivery method	pursuant to West Virginia Code § 22-6A-16(c)	
	ED MAIL HAND N RECEIPT REQUESTED DELIVE	RY	
return receipt requ the planned operat required to be pro- drilling of a horizon damages to the sur	Code § 22-6A-16(c), no later than the date for filin lested or hand delivery, give the surface owner whation. The notice required by this subsection shall invided by subsection (b), section ten of this article to that well; and (3) A proposed surface use and comperface affected by oil and gas operations to the extension by this section shall be given to the surface of	ose land will be used for the drillin clude: (1) A copy of this code secti o a surface owner whose land will ensation agreement containing an nt the damages are compensable o	ng of a horizontal well notice of ion; (2) The information be used in conjunction with the offer of compensation for under article six-b of this chapter.
	rovided to the SURFACE OWNER(s)		
(at the address liste	ed in the records of the sheriff at the time of notice): /	
Name:	Louis Jackubowski	Ir / Name:	Mary Jean Ross
Address:	1922 Robindale Av	e Address:	904 Truce Road
	Lancaster PA 1760	1	Holtwood PA 17532
This Notice Shall Ir Pursuant to West V to be provided by V horizontal well; and surface affected by information related	Tyler McElroy Shirley Morrison Run of McElroy Creek Morrison Run of McElroy Creek Mreginia Code § 22-6A-16(c), this notice shall include M. Va. Code § 22-6A-10(b) to a surface owner who d (3) A proposed surface use and compensation ago oil and gas operations to the extent the damages of the damages	e: (1)A copy of this code section; (2 se land will be used in conjunction reement containing an offer of cor are compensable under article six- ecretary, at the WV Department of	with the drilling of a mpensation for damages to the b of this chapter. Additional f Environmental Protection
The second of th	EQT Production Company	Address: 115 Professional P	lace, P.O. Box 280
Managaria (Carona)	304-848-0082	Bridgeport, WV 26330	-11/EU
Email:	vroark@eqt.com	Facsimile: 304-848-0040	BECEIVED Gas
duties. Your persor	y Notice: Ind Gas processes your personal information, such a Inal information may be disclosed to other State age With statutory or regulatory requirements, includir The your personal information. If you have any ques Officer at depprivacyofficer@wv.gov.	s name, address and telephone nu encies or third parties in the norma	al course of business or as

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

NOTICE OF PLANNED OPERATION

Notice T Date of	Time Red Notice:	quirement: potice shall be provided no late MAY 0 2 2015 D	r than the filing ate Permit Appl	date of permit applica	MAY 0	2 2015	
Deliver	y metho	d pursuant to West Virginia Code § 22-6A-	16(c)				
		IED MAIL HAN N RECEIPT REQUESTED DELI	D VERY				
return re the plans required drilling o damages	eceipt request operated to be proof a horizon to the sun otices reconstructions.	. Code § 22-6A-16(c), no later than the date for uested or hand delivery, give the surface owner ation. The notice required by this subsection shapping by subsection (b), section ten of this articutal well; and (3) A proposed surface use and courface affected by oil and gas operations to the equired by this section shall be given to the surface.	whose land will be all include: (1) A country to the country to the country the country the country the country the country the damage extent the damage.	oe used for the drilling of opy of this code section; oner whose land will be u ement containing an off es are compensable unde	f a horizonta (2) The infor used in conju er of comper er article six-	I well notice of rmation Inction with the Insation for I of this chapter.	
		provided to the SURFACE OWNER(s)	/				. 5
	adress lis	ted in the records of the sheriff at the time of no					
Name: _ Address:		Susan Bu 21 Cherokee	(Alderson			Sharon Gra 3217 Eisenbrown	
Address.	-	Willow St PA				Reading PA 198	
		Virginia Code § 22-6A-16(c), notice is hereby given face owner's land for the purpose of drilling a WV Tyler				4,360,602.8500 516,268.8100	
District:		McElroy	Public Road Acc	ess:		60	0/2
Quadran	-T-0	Shirley	Generally used	farm name:		Vivian J Wells et	t al
Watersh	ed:	Morrison Run of McElroy Creek					
Pursuant to be pro horizont: surface a informat headqua	ovided by al well; ar affected b ion relate	Virginia Code § 22-6A-16(c), this notice shall inc W. Va. Code § 22-6A-10(b) to a surface owner of ad (3) A proposed surface use and compensation by oil and gas operations to the extent the dama and to horizontal drilling may be obtained from the ated at 601 57th Street, SE, Charleston, WV 253	whose land will be n agreement cont ges are compensa ne Secretary, at th	e used in conjunction wit aining an offer of comp ble under article six-b of e WV Department of Env	th the drilling nsation force this chapter vironmental	g of a damages to the r. Additional 2 6 Protection	4
Well Ope	arator:	EQT Production Company	Address:	11E Professional Place	D O Doy 25	oñ.	
Telephor		304-848-0082	 Address: Bridgeport, 	115 Professional Place	, P.O. BOX 28	50	
Email:		vroark@eqt.com	Facsimile:	304-848-0040			
-mull.			- racsinine.	307 070 0040		"(ED	
Oil and O	Gas Privad	y Notice:			RECE	IVED Gas	

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 assessed as the control of the State assessed to other State assessed to 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 particle will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact of DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WV Department of Environmental Protection

WW-6A5
(1/12)

514461

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

Notice Time Red Date of Notice:	quirement: notice shall be provided no later tha	n the filing d Permit Applic	ate of permit application Filed:	icationy	0 2 2015	<u> </u>
Delivery metho	d pursuant to West Virginia Code § 22-6A-16(c)				
	FIED MAIL HAND N RECEIPT REQUESTED DELIVER	RY				
return receipt req the planned oper- required to be pro drilling of a horizo damages to the su	a. Code § 22-6A-16(c), no later than the date for filing quested or hand delivery, give the surface owner who ation. The notice required by this subsection shall incovided by subsection (b), section ten of this article to ontal well; and (3) A proposed surface use and competurface affected by oil and gas operations to the exten quired by this section shall be given to the surface ov	se land will be clude: (1) A cop a surface own ensation agree at the damages	e used for the drilling by of this code section her whose land will be ment containing an o s are compensable un	of a horizon; (2) The including the constant of cons	ontal well notice of information on junction with to mpensation for a strict of this chap	he oter.
Notice is hereby	provided to the SURFACE OWNER(s)	/				
(at the address lis	ted in the records of the sheriff at the time of notice)):/				
Name:	Virginia Hornberge	n Name:			Anthony Ja	ckubowski Jr
Address:	3415 River Road	<u>Address</u>	5:		535	Shawnee St
	Reading PA 19605	<u> </u>			Wilkes-B	arre PA 18702
State: County: District: Quadrangle: Watershed:	Tyler McElroy Pu	M NAD 83 blic Road Acce	Easting: Northing:	ionows.	516	,602.850000 ,268.810000 60/2 J Wells et al
to be provided by horizontal well; a surface affected b information relate	Virginia Code § 22-6A-16(c), this notice shall included W. Va. Code § 22-6A-10(b) to a surface owner whose and (3) A proposed surface use and compensation agreey oil and gas operations to the extent the damages are ded to horizontal drilling may be obtained from the Seated at 601 57th Street, SE, Charleston, WV 25304 (3)	e land will be eement containe ce compensab cretary, at the	used in conjunction of ning an offer of com le under article six-b WV Department of	with the dr pensation of this cha Environme	illing of a for damages to th apter. Additional anta-Protection	ne
Well Operator:	EQT Production Company	Address:	115 Professional Pla			
Telephone:	304-848-0082	Bridgeport, \	NV 26330		-07EA	
Email:	vroark@eqt.com	Facsimile:	304-848-0040	RE	CEIVED	ลลร
duties. Your perso	cy Notice: and Gas processes your personal information, such as onal information may be disclosed to other State age	ncies or third _l	ss and telephone nur parties in the normal	nber, as pa course di	business or as	iry

appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information. If you have any questions about our use or your personal information appropriately secure your personal information in the propriate your personal information appropriately secure your personal

WW-6A5	
(1/12)	

514461

STATE OF WEST VIRGINIA

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

Notice Date o	Time Require f Notice:	ement: notice sh	all be provided	d no late	r than the filin ate Permit Ap	g date of peri plication Filed	mit applic d:	MAY.	0 2	2015	_		
Delive	ry method pu	rsuant to West \	/irginia Code	§ 22-6A-	16(c)								
V	CERTIFIED RETURN R	MAIL ECEIPT REQU	ESTED	HAN DELI	D VERY								
return r the plan required drilling damage	receipt request nned operation d to be provide of a horizontal es to the surfac notices require	de § 22-6A-16(c), ned or hand delivery. The notice required by subsection (bewell; and (3) A proeaffected by oil and delivers should be this section should be the section should be a section should be section.	y, give the surfa ed by this subse), section ten of posed surface und gas operation	ice owner ection sha f this artic use and co ns to the e	whose land will ill include: (1) A le to a surface o empensation ago extent the dama	be used for th copy of this co wner whose la eement contai ges are compe	e drilling o de section; nd will be ining an of nsable und	of a horiz ; (2) The used in fer of co der articl	inform inform conjunc impensi e six-b	vell notice of lation ction with the ation for of this chapt	e er.		
	100	ded to the SURFAC	57.5		/								
	address listed i	n the records of the				27					A 01:		
Name: Address				d A Jackub orth Pione						Beverly	3 Lehig		
Address				rtown PA							ca PA 18		
			Silave	ILOWITE A	10700					AVO	tarn I	5041	
Pursuar	on on the surfa	: nia Code § 22-6A-1 ce owner's land fo	r the purpose o			on the tract of Easting Northir ccess:	f land as fo		oped a	4,360,6 516,2	502.850 268.810 6 I Wells (000 50/2	
This No Pursuar to be pri horizon surface informa headqu	ntice Shall Inclu nt to West Virg rovided by W. tal well; and (3 affected by oil ation related to		16(c), this notice L0(b) to a surface ce use and come s to the extent may be obtaine	e owner of pensation the dama and the dama	whose land will n agreement cor ges are compen ne Secretary, at	oe used in conj ntaining an offe sable under art the WV Depart	junction wi er of compo ticle six-b c ment of Er	ith the d ensatior of this ch nvironm	rilling on for dan apter. A ental Pr	of a mages to the Additional rotection		6 4	
Well Op	perator: EQ	Production Comp	any		Address:	115 Profes	sional Plac	e, P.O. B	ox 280				
Telepho		-848-0082			— Bridgepor	t, WV 26330							-
Email:													_
	vro	ark@eqt.com			Facsimile:	304-848-00	040	DE(CEIV	FD	_		
	vro	ark@eqt.com			Facsimile:	304-848-00	040	PE(CEIV	ED and Ga	8		_

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of purificial pulsary duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as

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WW-6A5
(1/12)

514461

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

NOTICE OF PLANNED OPERATION

Notice Time Re-	quirement: notice shall be provided no later th	an the filing Permit Appl	date of permit ap _l ication Filed:	MAY 0 2 201	5
Delivery metho	d pursuant to West Virginia Code § 22-6A-16(c)		*	
	FIED MAIL HAND N RECEIPT REQUESTED DELIVE	RY			
return receipt red the planned open required to be pro drilling of a horizon damages to the so	a. Code § 22-6A-16(c), no later than the date for filinguested or hand delivery, give the surface owner whation. The notice required by this subsection shall in ovided by subsection (b), section ten of this article to ontal well; and (3) A proposed surface use and compurface affected by oil and gas operations to the extended by this section shall be given to the surface of	ose land will be clude: (1) A co o a surface ow ensation agre nt the damage	e used for the drilling opy of this code sect oner whose land will ement containing are sare compensable.	ng of a horizontal well n ion; (2) The information be used in conjunction n offer of compensation under article six-b of th	notice of with the n for is chapter.
Notice is hereby	provided to the SURFACE OWNER(s)				
(at the address lis	ted in the records of the sheriff at the time of notice	2):			
Name:	Cynthia Kryzwic	ki / Name:			Andrea Shotts
Address:	213 Nicholoson S	<u>St</u> Addre	SS:		432-2 E Main St
	Wilkes-Barre PA 1870				Plymouth PA 18651
operation on the State: County: District: Quadrangle: Watershed:	Tyler McElroy Pt	rizontal well o TM NAD 83 ublic Road Acc enerally used	Easting: Northing: ess:		4,360,602.850000 516,268.810000 60/2 Vivian J Wells et al
to be provided by horizontal well; a surface affected b information relate	Include: Virginia Code § 22-6A-16(c), this notice shall include W. Va. Code § 22-6A-10(b) to a surface owner who and (3) A proposed surface use and compensation ago by oil and gas operations to the extent the damages and to horizontal drilling may be obtained from the So ated at 601 57th Street, SE, Charleston, WV 25304 (se land will be reement conta are compensa ecretary, at th	used in conjunction aining an offer of co ble under article six e WV Department o	n with the drilling of a mpensation for damage -b of this chapter. Addit of Environmental Protec	es to the tional
Well Operator:	EQT Production Company	Address:	115 Professional F	Place, P.O. Box 280	
Telephone:	304-848-0082	Bridgeport,		nervoral () 1.00 men men T. 110 mes. To	
Empile	vroark@eqt.com	Enccimile	204 646 0040	-n	
Oil and Gas Priva The Office of Oil a duties. Your perso	cy Notice: and Gas processes your personal information, such a	s name, addre	ess and telephone in parties in the norm	RECEIVED (Ind (Indeed) as part of our real course of pushing which is the same of the same	as gulatory

needed to comply with statutory or regulatory requirements, including Freedom of Information Act request Nour office will

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514461

STATE OF WEST VIRGINIA

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

Notice T Date of	Fime Requirement matice shall be provided no late Notice: Da	r than the filing o ate Permit Appli	date of permit ap cation Filed:	pliffAirin. 0 2 2015
Delivery	method pursuant to West Virginia Code § 22-6A-	16(c)		
	CERTIFIED MAIL HANI RETURN RECEIPT REQUESTED DELI	D VERY		
return re the plans required drilling of damages	to W. Va. Code § 22-6A-16(c), no later than the date for ceipt requested or hand delivery, give the surface owner ned operation. The notice required by this subsection shat to be provided by subsection (b), section ten of this artic f a horizontal well; and (3) A proposed surface use and conto to the surface affected by oil and gas operations to the eotices required by this section shall be given to the surface.	whose land will ball include: (1) A co tle to a surface own compensation agree extent the damage	e used for the drilli py of this code sec ner whose land will ement containing a s are compensable	ng of a horizontal well notice of tion; (2) The information I be used in conjunction with the n offer of compensation for under article six-b of this chapter.
Notice is	hereby provided to the SURFACE OWNER(s)			
	ddress listed in the records of the sheriff at the time of no			the second of th
Name: _	Lisa Wesol	A STATE OF THE PARTY OF THE PAR		John Paul Davis
Address:			S:	45 Crystal Lake Rd West Union WV 26456
	Avoca PA	10041		West Union WV 26456
operation State: County:	n on the surface owner's land for the purpose of drilling a WV Tyler	a horizontal well o UTM NAD 83	n the tract of land a Easting: Northing:	4,360,602.850000 516,268.810000
District: Quadran	gle: McElroy Shirley	Public Road According Generally used f		60/2 Vivian J Wells et al
Watershe		Generally used i	arm name.	vivian i wells et al
Pursuant to be pro horizonta surface a informati headquar	to West Virginia Code § 22-6A-16(c), this notice shall incovided by W. Va. Code § 22-6A-10(b) to a surface owner wall well; and (3) A proposed surface use and compensation ffected by oil and gas operations to the extent the damagion related to horizontal drilling may be obtained from the rters, located at 601 57th Street, SE, Charleston, WV 2530 feault.aspx.	whose land will be n agreement conta ges are compensal ne Secretary, at the	used in conjunctio ining an offer of co ole under article six www.pepartment.co	n with the drilling of a empensation for damages to the c-b of this chapter. Additional of Environmental Protection
Well Ope	erator: EQT Production Company	Address:	115 Professional I	Place, P.O. Box 280
Telephon		Bridgeport,		
Email:	vroark@eqt.com	Facsimile:	304-848-0040	DECEIVED
Oil and G	Gas Privacy Notice:		Offi	RECEIVED Gas

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of Oil 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 not appropriately secure your personal information. If you have any questions about our use or your personal information, please contaction DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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(1/12)

514461

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

Delivery mothed account to West Virginia Code S 22 55 45(1)	AY 0 2 2015
Delivery method pursuant to West Virginia Code § 22-6A-16(c)	
CERTIFIED MAIL HAND RETURN RECEIPT REQUESTED DELIVERY	
Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator sh return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2 required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer damages to the surface affected by oil and gas operations to the extent the damages are compensable under (d) The notices required by this section shall be given to the surface owner at the address listed in the records of notice.	horizontal well notice of) The information ed in conjunction with the of compensation for article six-b of this chapter.
Notice is hereby provided to the SURFACE OWNER(s)	
(at the address listed in the records of the sheriff at the time of notice):	140 - 100 - 100
Name: Richard E Hansen Name:	Joyce K Hill
Address: 1043 low Gap Rd Address:	88 Arvilla Rd Bens Run WV 26146
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has description on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows: WV UTM NAD 83 Easting: County: Tyler Northing: District: McElroy Public Road Access:	
Quadrangle: Shirley Generally used farm name:	Vivian J Wells et al
Watershed: Morrison Run of McElroy Creek	The state of the s
This Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compens surface affected by oil and gas operations to the extent the damages are compensable under article six-b of the information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environment of the Secretary, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.vppages/default.aspx .	the drilling of a lation for damages to the his chapter. Additional connental Protection
pages/ uctaurt.ospA.	

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part informegulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal tookse 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 of DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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WW-6A5
(1/12)

514461

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

NOTICE OF PLANNED OPERATION

Notice Date of	Time Requirement: notice shall f Notice: MAY 0.2	l be provided no later 2015 Dat	than the filing d te Permit Appli	ate of permit app	MAY 0 2 2015
Deliver	y method pursuant to West Vi	rginia Code § 22-6A-1	6(c)		
7	CERTIFIED MAIL RETURN RECEIPT REQUE	STED HAND			
the plan required drilling of damage	t to W. Va. Code § 22-6A-16(c), no eccipt requested or hand delivery, ned operation. The notice required to be provided by subsection (b), of a horizontal well; and (3) A proposition of the surface affected by oil and notices required by this section shape.	give the surface owner we do by this subsection shall section ten of this article cosed surface use and congas operations to the ex	whose land will be include: (1) A cop e to a surface own npensation agree stent the damages	used for the drilling by of this code section wer whose land will be ment containing an stare compensable of	g of a horizontal well notice of on; (2) The information on used in conjunction with the offer of compensation for under article six-b of this chapter.
	s hereby provided to the SURFACE				
	ddress listed in the records of the		./		
Name:		Terry J Cumberle	0.000		Allen Dale Fornash
Address	:	1384 Pratts Run R Almo WV 26)'	S:	9217 Bachelor Rd NW Waynesburg OH 44688
Notice i	s horoby givon:		n •		
Pursuan		the purpose of drilling a l WV Tyler		the tract of land as Easting: Northing:	
Pursuan operation State: County:	t to West Virginia Code § 22-6A-16 on on the surface owner's land for t	the purpose of drilling a l WV Tyler McElroy Shirley	horizontal well or UTM NAD 83	Easting: Northing:	follows: 4,360,602.850000 516,268.810000
Pursuan operation State: County: District: Quadrar Watersh This No: Pursuan to be principle of the principle	t to West Virginia Code § 22-6A-16 on on the surface owner's land for the surface owner's land of the surface owner's land land gas operations the surface of the surface owner's land for the sur	Tyler McElroy Shirley y Creek (c), this notice shall include the authorise and compensation at the the damage may be obtained from the	Public Road Acce Generally used for ude: (1)A copy of those land will be agreement containers are compensable.	the tract of land as Easting: Northing: ess: erm name: this code section; (2 used in conjunction ining an offer of con le under article six-	4,360,602.850000 516,268.810000 60/2 Vivian J Wells et al) The information required with the drilling of a pensation for damages to the of this chapter Additional ED
Pursuan operation State: County: District: Quadran Watersh This Non Pursuan to be prince proper surface information headquare pages/d Well Operations	to West Virginia Code § 22-6A-16 on on the surface owner's land for the surface owner's land land gest owner. It to West Virginia Code § 22-6A-16 ovided by W. Va. Code § 22-6A-10 ovided by W. Va. Code § 22-6A-10 ovided by oil and gas operations the surface of the	Tyler McElroy Shirley y Creek (c), this notice shall include to the a surface owner where any compensation at the three compensation at the extent the damage may be obtained from the SE, Charleston, WV 25304	Public Road Acce Generally used for ude: (1)A copy of those land will be agreement contains are compensable Secretary, at the 4 (304-926-0450)	Northing: Northing: Northing: Siss: This code section; (2 used in conjunction ining an offer of conjunction of the under article sixily WV Department of or by visiting www.	4,360,602.850000 516,268.810000 60/2 Vivian J Wells et al) The information required with the drilling of a pensation for damages to the cof this chapter Additional ED Environmental Protection and Gas dep.wv.gov/oit and gas/
Pursuan operation State: County: District: Quadran Watersh This Non Pursuan to be prince proper surface information headquages/districts.	to West Virginia Code § 22-6A-16 on on the surface owner's land for the surface owner's land land gest owner. It to West Virginia Code § 22-6A-16 ovided by W. Va. Code § 22-6A-10 ovided by W. Va. Code § 22-6A-10 ovided by oil and gas operations the surface of the	Tyler McElroy Shirley y Creek (c), this notice shall include to the a surface owner where any compensation at the three compensation at the extent the damage may be obtained from the SE, Charleston, WV 25304	Public Road Accedude: (1)A copy of those land will be agreement contained are compensable Secretary, at the 4 (304-926-0450)	Northing: Northing: Northing: Siss: This code section; (2 used in conjunction ining an offer of conjunction of the under article sixily WV Department of or by visiting www.	4,360,602.850000 516,268.810000 60/2 Vivian J Wells et al The information required with the drilling of a pensation for damages to the of this chapter, Additional ED Environmental Protection and Gas dep.wv.gov/oil and gas/

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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514461

STATE OF WEST VIRGINIA

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

Notice Date of	Time Requirement: noနီဖြန် န်hall)bစ္စာဥတုပုံဖုံ့ f Notice:	d no later Da	than the filing te Permit Appl	date of permit ication Filed:	application. MAY	0 2 2015	
Deliver	y method pursuant to West Virginia Code	§ 22-6A-1	6(c)				
	CERTIFIED MAIL RETURN RECEIPT REQUESTED	HAND DELIV					
return re the plan required drilling of damage (d) The ro of notice		nce owner vection shall f this article use and constoners to the ex	whose land will be include: (1) A control to a surface own pensation agreatent the damage	ne used for the dr opy of this code s oner whose land v ement containing es are compensal	illing of a hor ection; (2) Th vill be used in g an offer of c ole under arti	izontal well notice of e information o conjunction with the ompensation for cle six-b of this chapter.	
	s hereby provided to the SURFACE OWNER(s) ddress listed in the records of the sheriff at the	time of not	ical:				
Name:		Donald E Bib				Susan L Spencer	
Address		0 Millarton 9				HC 74 Box 98	
		anton OH 44				Alma WV 26320	
	t to West Virginia Code § 22-6A-16(c), notice is I on on the surface owner's land for the purpose o					4,360,602.850000 516,268.810000	
District:	N	IcElroy	Public Road Acc	ess:	_	60/2	
Quadrar Watersh	950	Shirley	Generally used	farm name:		Vivian J Wells et al	
Pursuan to be pro horizont surface a informal headqua pages/d Well Op Telepho		e owner was pensation at the damage and from the	hose land will be agreement conta es are compensa e Secretary, at th	e used in conjunct aining an offer of ble under article e WV Departmen) or by visiting <u>w</u>	tion with the compensatio six-b of this c it of Environn ww.dep.wv.go	driffing of a 6	
Email:	VIDEOCOTE O CONTRACTO					y court in	_
	vroark@eqt.com		Facsimile:	304-848-0040		MAY 0 4 2015	_

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 open artment of duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of purification needed to comply with statutory or regulatory requirements including for a data of the comply with statutory or regulatory requirements. 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.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION Division of Highways

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

Earl Ray Tomblin Governor

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

November 18, 2014

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 SHR 60 Well Pad, Tyler County

514460 SHR 60 HI	514461 SHR 60 H2	514462 SHR 60 H3
514463 SHR 60 H4	514464 SHR 60 H5	514465 SHR 60 H6
514466 SHR 60 H7	515434 SHR 60 H8	515435 SHR 60 H9
515436 SHR 60 H10	515437 SHR 60 H11	515438 SHR 60 H12
515968 SHR 60 H13	5.5.5. State 00 1111	313436 SHK 00 H12

Dear Mr. Martin,

This well site will be accessed from DOH Permit #06-2014-0798 applied for by EQT Production Company for access to the State Road for a well site located off of Tyler County Route 60/1 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 P.E.

Regional Maintenance Engineer

Central Office Oil & CAECEWED

Office of Oil and Gas

Cc: Nick Bumgardner

EQT Production Company

CH, OM, D-6

File

MAY **0 4** 2015

Anticipated Frac Additives Chemical Names and CAS numbers

<u>Material</u>	<u>Ingredient</u>	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

4709502264

RECEIVED
Office of Oil and Gas

MAY 0 4 2015



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 Oll & Gas:	
Assigned Impoundment ID #:	195-WPA. 000B

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 §35-4-21 will be followed as it relates to impoundments and pits.

Section 1 – Operator Information

RECEIVED Office of Oil and Gas

Operator Name:	EQT Production Company		1111.0
Operator ID:	306686		JUL 2 0 2015
Address: Street	115 Professional Place		W/ Danaster
City:	Bridgeport	State: WV	WV Department of Environmental Profession
Contact Name:	Ron Furby	Contact Title:	Sr. Mgr. Water Operations
Contact Phone:		Contact Email:	rfurby@eqt.com

Section 2 – Engineering / Design Contractor Information

Company Name:	Homor Brothers Engineers				
Address: Street	P.O. Box 386				
City:	Clarksburg	State:	W	Zip:	26302
Contact Name:	Thomas D. Corathers	Contact	Title:	PE, PS	
Contact Phone:	304-624-8445	Contact E	mail:	tom@hbe19	02.com
Certifying Professional E	ngineer: Thomas D. Corathers				
Professional Engineer R	egistration Number: 14161				





Section 3 - Impoundment / Pit Information

Type of Structure. Check one of two choices below: ☐ Freshwater Impoundment ☐ Waste Pit							
Note: <u>Any</u> waste in a pit will make it	a waste pit	•					
Name of Structure (Company Na	ame:) E	QT-SHR 60 Flow Back	Pit				
County: Tyler District: McElroy							
USGS 7.5' Quad Map Name:	Shirley			·			
Farm Name:							
Pad Name: SHR 60							
Surface Owner Name: Hannah	Underwood	i Estate					
Physical Description of Location	From inte	ersection Tyler Co Rte 60	2 & Tyler Co.Rt	e 60/1 & Site	Access Road		
travel northwesterly along access re	oad 1 mile t	o completion pit on right					
(Note: Give general location, example: 2	miles south	of Smalltown, WV on Rt. 22	left on Buffalo Cr	eek)			
Watershed (nearest perennial):	Morrison	n Run					
Distance (Drainage Distance) to	nearest pe	erennial stream: ap	proximately 400	feet			
Location Coordinates (NAD83, E		- :	• •				
Latitude: 39.393400		lude (Use negative sig	·	 			
			TM 83-17NF:14	30913.3901	<u>7</u> N		
Access Road Coordinates (junct							
Latitude: 39.383577		itude (Use negative s	gn): -80.800	830	- CNED CO		
UTM Coordinates : UTM	83-1/NF;189	86692.697888 E L	TM 83-17NF:14	302342.952	SPECENED GOS		
A					Mice of On 2015		
Approximate Dimensions	145	4751					
Length: 241' Note: If irregularly shaped, give approxim	A 4 ((()))	172'	_ Height: _	5'	1012 adment of their		
		_			WV Department of Environmental Profession		
Total Capacity – Provide all units Barrels: 54,859		2,304,232	Acre-Feet:	7.071	Environme		
Barrers.	Gallons.	2100-1202	_ Acre-reet.				
Capacity with 2' Freeboad - Pro	uida all uni	ite of measure helow					
Ваптеls: 68,651		2,883529	Acre-Feet:	8.849			
Daneis.	Caluis.						
Incised volume:							
Barrels: 22,518	Gallons:	945,834	Acre-Feet:	2.903			
	,						
Net impounded volume: (Total v	olume less	incised volume.)					
Barrels: 32,341		1,3583,398	Acre-Feet:	4.169			
	•						
Anticipated Construction Start D							
Note: No construction may begin							
calendar days prior to confirmed		on stan date, notify the rm IMP-2, "Notification					



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:
H1 514400 H2 514481	
H3 514463 H4 514463	
HS 514464 HS 514465	
117 51 4400 H2 51 5434	
H9 515435 H10 515436	
H11 615437 H12 615438	

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

◙	Engineered Constru	ction Plans.	certified by WV	Registered P.E

- Erosion and Sediment Control Plan, certified by WV Registered P.E.
- Reclamation Plan, certified by WW 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 Apic pities				
	Office of Oil and Gas			
	JUL & O AULA			
	WV Department of Environmental Protection			
	·			



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.

	1/(1-1)	
Name:	Victoria / KOARK	
Title:	Hermitting Supereusor	
Signature:	The In	_
Taken, subscrib	ped and swom to before the this,	20 /4
Notary Public:	Into lur	
My commission	expires: 894-23	
-	OFFICIAL SEAL STATE OF WEST VIRGINIA NOT ANY PUBLIC Pamela Sykes EQT Production PO Box 280 Bridgeport, WV 26330 My Commission Expressing 24, 2022	RECEIVED Office of Oil and Gas
Section 9. St	ubmittal Instructions	MA 765
Submit original p	paper copy of application to: West Virginla Department of Environmental Protection Office of Oil and Gas Impoundment Registration 601 57 th Street, SE Charleston WW 25304	WV Department of Environmental Protection
Email PDF file fo	ormat of this application and all related engineering Plans to : <u>Depimpoundments@wv.gov</u>	



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:	
Assigned Impoundment ID #:	09(-WPB-00014

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 descripted for Va. State Rule §35-4-21 will be followed as it relates to impoundments and pits. 701 8 0 50,12

tion 1 - Ope	rator Information		JUL Department of Department of Environmental Protection
Operator Name:	EQT Production Company		Manuella
Operator ID:	306686		Em
Address: Street	115 Professional Place		
City:	Bridgeport	State: W	Zip: 26330
Contact Name:	Ron Furby	Contact Title:	Sr. Mgr. Water Operations
Contact Phone:	412-395-7052	Contact Email:	rfurby@eqt.com

Section 2 - Engineering / Design Contractor Information

Design will be contracted	d 🖸 Desig	ned in-ho	use 🗆					
Company Name:	Homor Bro	others Eng	ineers					
Address: Street	P.O. Box 3	386						
City:	Clarksburg			State:	w	Zip:	26302	
Contact Name:	Thomas D.	Corathers		Contact	Title:	PE, PS		
Contact Phone:	304-624-64	45		Contact E	mail:	tom@hbe1!	902.com	
Certifying Professional E	ngineer:	Thomas C). Corathers	_				-
Professional Engineer R	egistration I	Number:	14161					
		•						





Section 3 - Impoundment / Pit Information

Type of Structure. Check one of two choices below: Freshwater Impoundment Waste Pit Note: Any waste in a pit will make it a waste pit.	
Name of Structure (Company Name :) EQT-SHR 60 Completion Pit	
County: Tyler District: McElroy	
USGS 7.5' Quad Map Name: Shirley	
Farm Name:	
Pad Name: SHR 60	
Surface Owner Name: Vivian Wells et al	
Physical Description of Location: From Intersection Tyler Co Rte 60/2 & Tyler Co.Rte 60/1 & Site Access Road	
travel northwesterly along access road 1 mile to completion pit on left	
(Note: Give general location, example: 2 miles south of Smattown, WV on Rt. 22, left on Buffalo Creek)	
Watershed (nearest perennial): Jefferson Run	
Distance (Drainage Distance) to nearest perennial stream: approximately 1,700 feet	}
Location Coordinates (NAD83, Decimal Degrees (xx.xxxx, -xx.xxxx))	
Latitude: 39.391721 Longitude (Use negative sign): -80.813090	
UTM Coordinates : UTM 83-17NF:1693222.488888 E UTM 83-17NF:14305300.922638 N	
Access Road Coordinates (junction of state highway access)	
Lalitude: 39.383577 Longitude (Use negative sign): -80.800830	
UTM Coordinates : UTM 83-17NF:1696692.697888 E UTM 83-17NF:14302342.952588 N	
Approximate Dimensions Length: 385' Width: 187' Height: 15' RECEIVE	Q:Q:
Approximate Dimensions	nd Go
Approximate Dimensions Length: 385' Width: 187' Height: 15' Recent of long axis.	-ng'5
. 7	V
Total Capacity – Provide all units of measure below:	ment of
Barrels: 104,902 Gallons: 4,408,191 Acre-Feet: 13.522	epertunent of mental Protectio
W. Paris	epertunent of mental Protectio
Capacity with 2' Freeboad – Provide all units of measure below:	
Barrels: 128,682 Gallons: 5,405,450 Acre-Feet: 16.589	
Incised volume:	
Barrels: 15,522 Gallons: 651,977 Acre-Feet: 2.001	
Net impounded volume: (Total volume less incised volume.)	
Barrels: 89,380 Gallons: 3,754214 Acre-Feet: 11.521	
Anticipated Construction Start Date (estimation, non-binding):	
Note: No construction may begin on Associoated impoundment until WVDEP issues the drilling permit. calendar days prior to confirmed construction start date, notify the Office of Oil & Gas, and the local Oil a	
inspector of construction start date. Use form IMP-2, "Notification of Impoundment / Pit Construction."	



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:
HI 514460 HZ 514461	
113 3 1 4 4 8 2 1 4 4 5 1 4 4 6 3	
HS 514484 HB 514485	
H7 514465 H8 515434	
H9 5 15435 H10 5 15436	
H11 213427 H12 818428	

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 W 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 add	litional comments	concerning	this project





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:	Victory J. POALE	
Title:	Desmitting Coodsor	
Signature:	"That I'm	
Taken, subscribed and swom to	before me this,	Nov 20 14
Notary Public:	Baly Jest	RECEIVED
My commission expires:	2-24-33	Office of Oil and Gas
Notary Seal:	OFFICIAL SEAL STATE OF WEST VIRGINIA	JUL 2 0 >
	Pameta Sytes Pamet	WV Department of Environmental Protection

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