

# 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: 47-9502256, issued to EQT PRODUCTION COMPANY, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

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

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: 514464

Farm Name: WELLS, VIVIAN J.

API Well Number: 47-9502256

Permit Type: Horizontal 6A Well

Date Issued: 07/23/2015

API Number:								_
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# PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

# **CONDITIONS**

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

# 4709502256

APINO. 47 - 095

514464

04(27

OPERATOR WELL NO. Well Pad Name: SHR60

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

1) Well Operator:	EQT Production	on Company		306686	095		5	607
				Operator ID	County	Distric	t	Quadrangle
2) Operator's Well I	Number:		514464		Well Pad I	Name0	9 5sh	R60
3) Farm Name/Surfa	ace Owner : _	,	V <mark>ivi</mark> an J Wells	et al	Public Roa	ad Access:		80/8 5
4) Elevation, current	t ground:	1,018.0	Elev	ation, proposed	post-construc	ction:	1,011.0	
5) Well Type: (a) Ga	as	_ Oil _	U	nderground Sto	rage			
Ot	her							
(b)	If Gas:	Shallow _		Deep		_		1901
	ŀ	Horizontal	( <b>*</b>				$\sqrt{}$	how to
6) Existing Pad? Ye	s or No:	no						Jal 20/ 5/7/13
7) Proposed Target	Formation(s), I	Depth(s), An	ticipated Thick	nesses and As	sociated Pres	sure(s):		
Target formation is				cipated thickness to			get pressure	of 27 <mark>47 PSI</mark>
8) Proposed Total V	ertical Depth:		i/		6634			
9) Formation at Tota		 h:			Marcellus			
10) Proposed Total		the			12302			
11) Proposed Horizo	ontal Leg Leng				5,005			
12) Approximate Fre	esh Water Stra	ta Depths:			83, 133.	570, 906		
13) Method to Deter		7.1				et wells		
14) Approximate Sa					1198, 1865			
15) Approximate Co					, 420, 686, 87	5, 1315		
16) Approximate De	pth to Possible	Void (coal r	nine, karst, ot			F F-V	ne reporte	d
17)Does proposed v					-		The state of the s	
adjacent to an a	ctive mine?			1	Yes	No		
(a) If Yes, provi	de Mine Info:	Name:						
		Donth						
		Seam:						
		_						

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MAY 1.8 2015

# 4709502256

WW - 6B (4/15)

API NO. <u>47</u> -	95 · <u>0</u>	256
OPERATOR WELL NO.		514464
Well Pad Name: _		SHR60
		MDG 7/11/15
INTERVALS:	CEMENT:	7/11

# **CASING AND TUBING PROGRAM**

18)

TYPE	Size	New	Grade	Weight per ft.	FOOTAGE: For	INTERVALS:	CEMENT:
	<u>(in)</u>	<u>or</u> Used		(lb/ft)	Drilling (ft)	Left in Well (ft)	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	12,302	12,302	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							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	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/B	12 3/8	0.395	3,950	3160	* See Note 2	1.21
Production	5 1/2	8 1/2	0.361	12,640	10112	•	1.27/1.86
Tubing							
Liners							

# <u>Packers</u>

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)

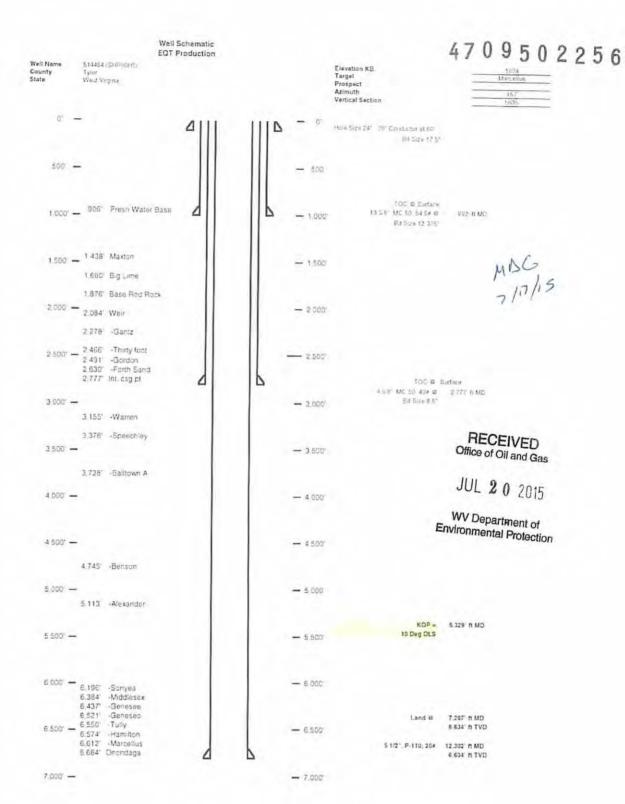
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Office of Oil and Gas

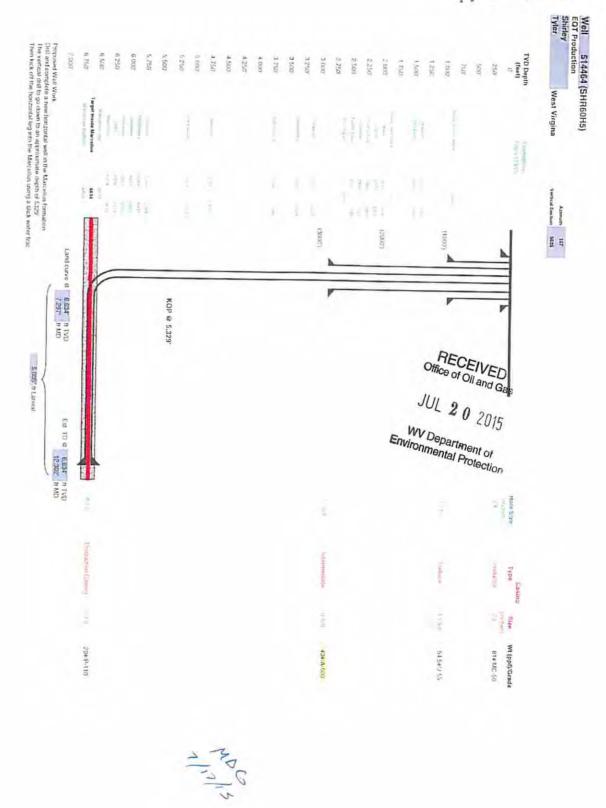
JUI 2 1 2015

<ol><li>Describe proposed well work, including the drilling and plugging back of any pilot hole.</li></ol>	
Drill and complete a new horizontal well in the Marcellus formation. The vertical drill to go down to an approximate depth of 5329 then kick off	
the horizontal leg into the Marcellus using a slick water frac.	
	- MAC 115
20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate	= nac
Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from	
freshwater sources. This water is mixed with sand and a small percentage (less than 0.3%) of chemicals (including 15% Hydrochloric acid, getting agent, get breaker, friction reducer, blocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum	
anticipated internal casing pressure is expected to average approximately 8500 psi; maximum anticipated treating rates are expected to average	
approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 200,000 barrels of water per stage. Sand sizes	
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'.	
Production: One spaced every 1000' from KOP to Int csg shoe	
24) Describe all cement additives associated with each cement type Surface (Type 1 Cement): 0-3% Calcium Chloride	
Used to speed the setting of cement slurries.	
Used to speed the setting of cement slurries.  0.4% flake. Loss Circulation Material (LCM) is used to combat the loss of the cement slurry to a thief zone.  Intermediate (Type 1 Cement): 0.3% Calcium Chloride. Salt is used in shallow, low temperature formations to speed the setting of cement	_
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Used to speed the setting of cement slurries.  0. 4% flake. Loss Circulation Material (LCM) is used to combat the loss of the cement slurry to a thief zone.  Intermediate (Type 1 Cement): 0.3% Calcium Chloride. Salt is used in shallow, low temperature formations to speed the setting of cement slurries.  0. 4% flake. Loss Circulation Material (LCM) is used to combat the loss of whole drilling fluid or cement slurry (not filtrate) to a thief zone.  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 % Calculim 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 (Approximately 30-45 minutes) rotating & reciprocatione full joint until cuttings diminish at surface. When cuttings returning to surface diminish, continue to circulate an additional 5 minutes. To ensure that there is no fill, short trip two stands with no circulation. If there is fill, bring compressors back on and circulate hole clean. A constant rate of higher than expected cuttings volume likely indicates washouts that will not clean up.	JUL 2 0 2015

Page 3 of 3



# 4709502256





west virginia department of environmental protection

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

Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary dep.wv.gov

March 18, 2014

4709502256

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

Re: Cement Variance Request

Dear Sir or Madam,

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

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

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

anes ~

Environmental Resources Specialist / Permitting

Promoting a healthy environment.



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

4709502256

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

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

# REPORT OF THE OFFICE

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

### FINDINGS OF FACT

- 1.) Nabors Completion & Production Services Co. proposes the following cement blend:
  - 2% Calcium Chloride (Accelerator)
  - 0.25 % Super Flake (Lost Circulation)
  - 94% Type "1" Cement
  - 5.20 % Water
- 2.) 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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APR 27 2015

# CONCLUSIONS OF LAW

Pursuant to Articles 6 and 6A, Chapter 22 of the Code of West Virginia, the offee 5 0 2 2 5 5 interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

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

### **ORDER**

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

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

IN THE NAME OF THE STATE OF WEST VIRGINIA

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

James Martin, Chref Office of Oil and Gas

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Office of Oil and Gas

APR 27 2015

WW-9 (2/15)

	Page _	1	_ of _	2
API No. 47	095	<u>;                                    </u>		02256
Operator's \	Vell No.			514464

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRIGINIA
REBECCA L. HEATER
EQT PODUCTION COMPANY
PO 507 250
BRIDGEPORT, WV 26330
My commission expires April 07, 2020

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

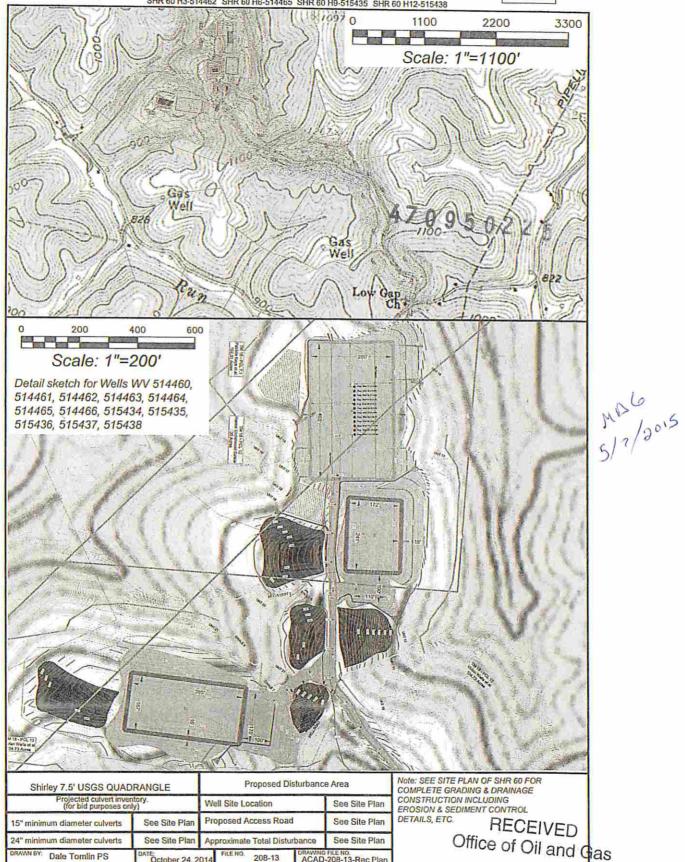
Fluids/Cuttings Disposal & Reclamation Plan

Operator Name	EQT P	roduction Company	OP 0	Code	306686
Watershed (HU0	C10) Morrison F	lun of McElroy Creek	Quadrangle	)	Shirley
Do you anticipat	e using more than 5,0	000 bbls of water to	complete the propos	ed well work?	Yes x No
Will a pit be use	d ? Yes: <u>X</u> No:				
If so ple	ase describe anticipate	d pit waste:	flowback v	vater & residua	l solids
Will a sy	nthetic liner be used in	the pit? Yes	XNo	If so, wha	t ml.?60
Propos	ed Disposal Method	For Treated Pit Wast	es:		
		plication	LUO Damit Number		160 4007
		round Injection ( (at API Number	UIC Permit Number	/0014, 84 √arious	162, 4037
			form WW-9 for dis		
		(Explain			)
Will closed loop	system be used?	Yes. The closed loop	svstem will remove dr	ill cuttings from t	ne drillina
	tings are then prepare				
Drilling medium	anticipated for this w	all (vertical and horiz	ontal\2 Air freshwa	ter oil based e	tc
_	ole sections of the wellbore (surface				
	ection. The pilot hole, curve, and				ions to stubilize
	based, what type? S			Synthetic me	ıd bı
	sed in drilling mediu	•		aming, water. Water b	ased mud - Barite, viscosifer,
alkalinity control, lim	e, filtration control, defloc	culates, biodegradable oi	l lubricant , defoaming, v	valnut shell, salt, x-	cide, carbonates.
Oil based mud -syr	nthetic base oil, barite, em	ulsifier, salt, lime, viscosi	fer, alkalinity control, filtr	ation control, deflo	cculates,
biodegradable oil lu	oricant, defoaming, carbo	nates.			• .
			wad affaita, ata	1.0	- de:11
=	sposal method? Leav in pit and plan to solidify v	•			ndfill n/a
	iil or offsite name/perm			Attached List	IVa
	iii or onoite name/penn			Illusiios List	
at any West Virgin	ovide written notice to to nia solid waste facility. re it was properly dispo	The notice shall be pro	•	_	•
	understand and agree to				
	by the Office of Oil and Ga				
	mit are enforceable by law ad to enforcement action.	v. Violations of any term (	or condition of the genera	ai permit and/or otr	ier applicable law
_			4 611		1 Abt-
-	r penalty of law that I have I all attachments thereto a	•			
• •	lieve that the information i	•	-	•	-
	rmation, including the pos		. / /	1	•
0	ol Cianatura	lill and the second	ux-		
Company Officia	al Signature al (Typed Name)		Victoria J. R	nark	
Company Officia			Permitting Supervis		
Subscribed and	sworn before me this	23 da	y of WW	\ .	.20 15
1 //\ A		1 1 1	) s. <u> </u>	1	
ANN I	bea d	Neate	Λ <u> </u>	Not	ary Public

			rs Well No. 5144
Proposed Revegetation Treat	ment: Acres Distu	rbed no additional disturbance	Prevegetation pH6.3
Lime3	Tons/aci	re or to correct to pH	6.5
Fertilize type	Granular 10	0-20-20	
Fertilizer Amount	1/3	_lbs/acre (500 lbs minimum)	
Mulch	2	Tons/acre	
		Seed Mixtures	
Tempora	ary		Permanent
Seed Type	Ibs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		
Photocopied section of involve	eu 7.5 topographic	sneet.	
Plan Approved by:	had x	sall.	
Comments: Preseed	4 Mile	10	1 1
Comments: 1-183880	^	/ M	urbed areas
PER WULLEI	regula		4 upgrade
F-11-2 CO	n-trole	as APCESSO	ory.
0 1 - A	_		, ,
Title: Oil 4 Ga	s Inspec	tor Date:5 /	7/2015
Field Reviewed? (	V )	Yes (	) No
			F

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Office of Oil and Gas

MAY 1 8 2015





WW-9

SURVEYING AND MAPPING SERVICES PERFORMED BY:

# ALLEGHENY SURVEYS, INC. 1-800-482-8606

Birch River Office Phone: (304) 649-8606 Fax: (304) 649-8608

237 Birch River Road P.O. Box 438 Birch River, WV 26610 Office of Oil and Gas

MAY 1 8 2015

WV Department of Environmental Project 14/2015



# Site Specific Safety, Plan

# EQT SHR 60 Pad

# Shirley Tyler County, WV

For Wells:

514464		
201 Production	Date Prepared:	October 24, 2014  Michael Wolf and Gas Inspector
	Office of Oil and Ga	
4-23-/5 Date	MAY 1 8 2015	3/7/2015 Date
	WV Department of	of

**Environmental Protection** 

4709502256

# **TABLE OF CONTENTS**

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IV	Chemical Inventory & SDS 4700	15000 16
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VI	Hydrogen Sulfide	13-15 16 16 15 15 15 16 19 10 10 10 10 10 10 10 10 10 10 10 10 10
VII	Collision Avoidance	24 V
IX	Deep Well Additional Requirements	25-27 V
X	Well Site Safety Plan Receipt Acknowledgen	ment 28 V

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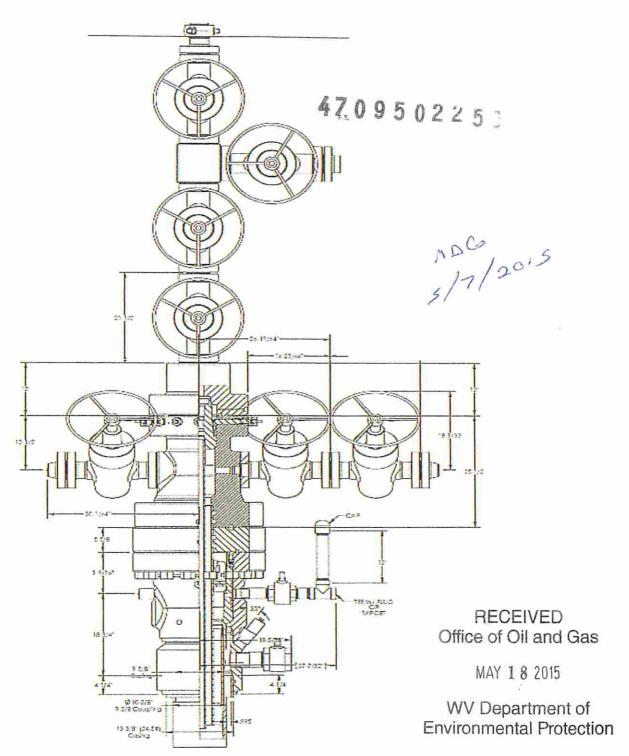
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MAY 1 8 2015

# Well Head Assembly Design

# Written Description:

Multi-bowl wellhead assembly with a 13 3/8" 5M x 13 3/8" SOW wellhead. A 13 5/8" 5M x 11" 5M DSA is used between the wellhead and tubing head. The tubing head is 11" 5M x 7 1/16" 10M. The tree is 2 1/16" 5M. Picture of stack up below.



# **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

4 7 740-516-5381 Washington 2002 ty/Begore Twp. Permit # 8462

# **TRIAD ENERGY**

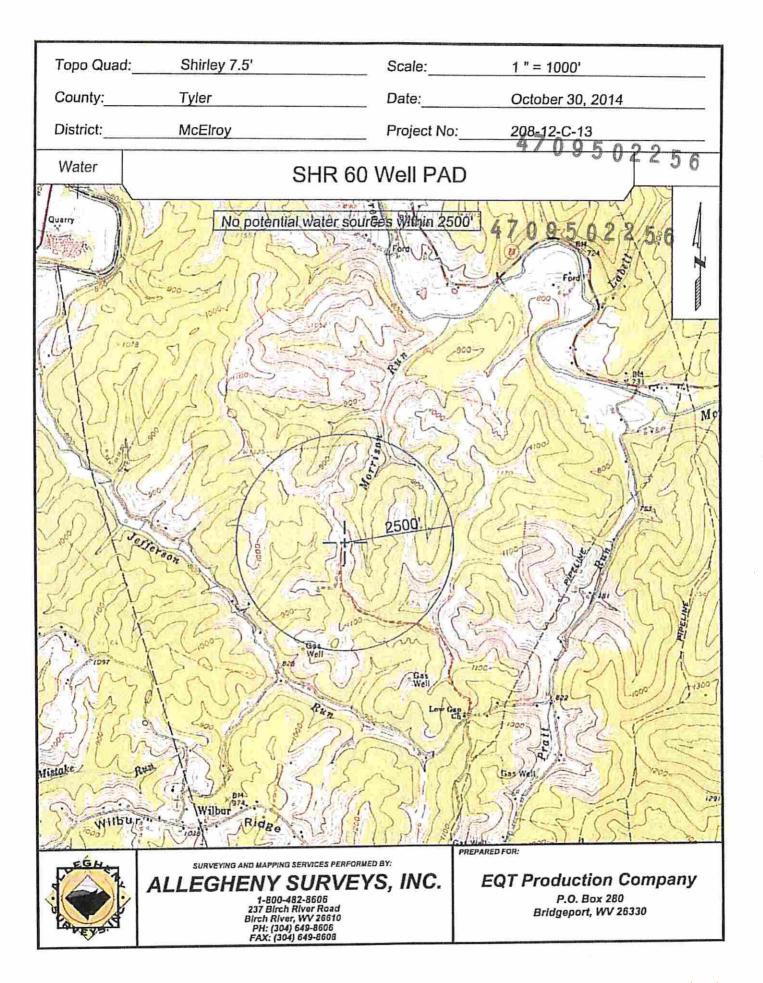
P.O. Box 430 Reno, OH 45773 740-516-6021 Well 740-374-2940 Reno Office Jennifer Nobel County/Jackson Township Permit # 4037

# KING EXCAVATING CO.

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

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APR 2 7 2015



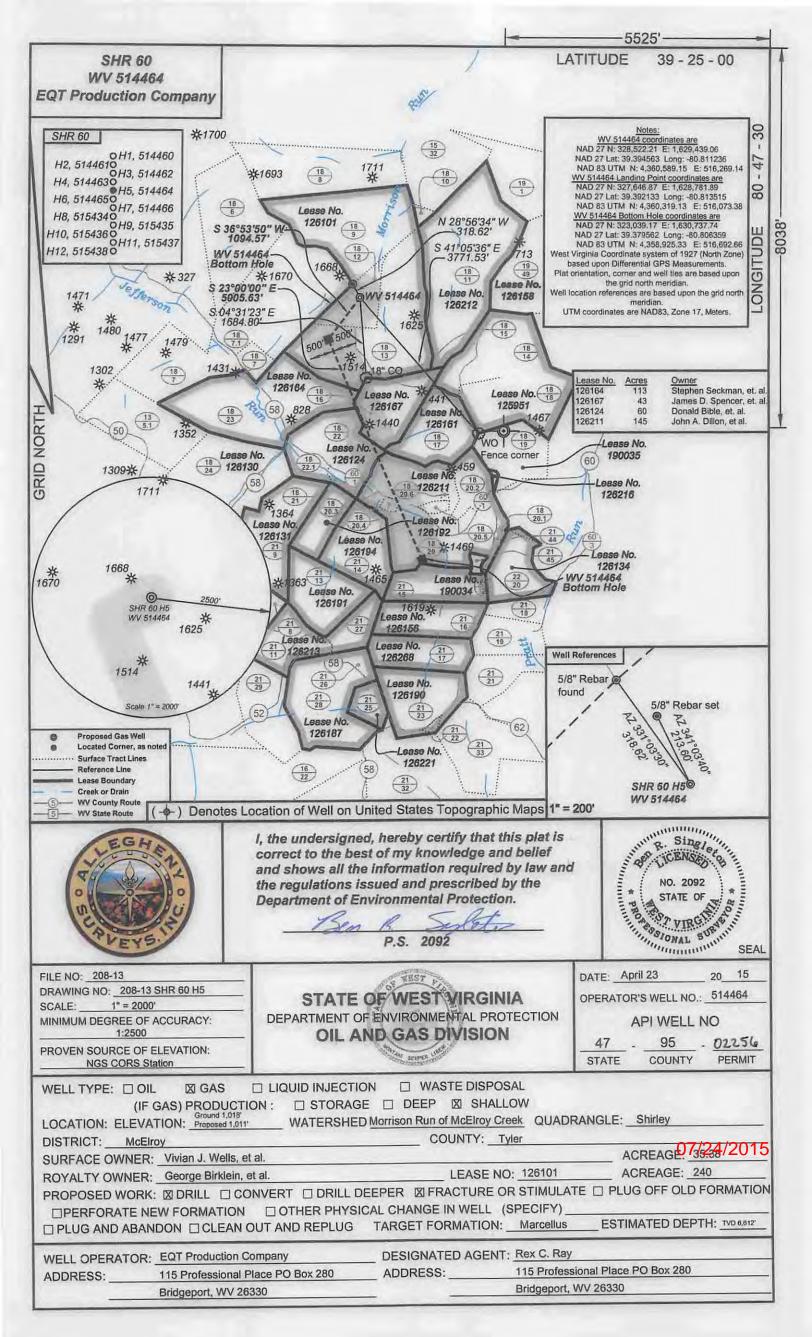


(Insert additional pages as needed)

# Table 1 - Water Source Identification

EQT Well Pad Name:SHR60			Submittal Date:10/30/14
EQT Well Number: _514460, 514	462, 514463	, 514464, 5145	65, 515434, 515435, 515436, 515437_
Survey / Engineering Company:A			
Site Number: Distance from Surface Owner / Occupant:N	om Gas Well	(feet):	470950225:
Address:		Phone	#:
Field Located Date:	Owner	home during su	urvey (yes/no):
Coordinates:		(decimal degre	ees – NAD 83)
Contact Attempts (Date): 1st:	2 <sup>nd</sup> :	3 <sup>rd</sup> :	Date Door Hanger Left:
Comments:			
Site Number: Distance fro	om Gas Well	(feet):	
Surface Owner / Occupant:			
Address:		Phone	#:
Field Located Date:	Owner hom	e during surve	y (yes/no):
Coordinates:		(decimal degre	ees - NAD 83)
Contact Attempts (Date): 1st:	2 <sup>nd</sup> :	3 <sup>rd</sup> :	Date Door Hanger Left:
Comments:			
Site Number: Distance from	m Gas Well	(feet):	
Surface Owner / Occupant:			
Address:		Phone	#:
Field Located Date:Ov	vner home di	ıring survey (Y	es/No):
Coordinates:		(decimal degre	ees – NAD 83)
Contact Attempts (Date): 1st:	2 <sup>nd</sup> :	3 <sup>rd</sup> :	Date Door Hanger Left:
Comments:			

07/24/2015



WW-6A1
(5/13)

Operator's Well N
-------------------

514464

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

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

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

Lease					
Name or	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page	<u> </u>
<u>126101</u>		4/09 <sub>N</sub>	Jn 178 201 2	5.6	
	William Blaine Underwood, et al	Grantee, Lessee, etc. F. F. Grantee, Lessee, etc. F. F. Grantee, Lessee, etc. F. Grantee, E. Gran		DB48686	
	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>126124</u>					
	Clyde Stewart, et ux	Equitable Gas Co.		LB274/471	
	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>126211</u>					
	Mary E. Underwood, et vir	Hope Natural Gas Co.		DB70/477	
	Hope Natural Gas Co.	Consolidated Gas Supply Corp.		DB169/26	
	Consolidated Gas Supply Corp.	Consolidated Gas Transmission Corp.		DB249/287	
	Consolidated Gas Transmission Corp.	CNG Development Co		DB253/57	
	CNG Development Co.	Dominion Appalachian Development, Ir	nc.	DB337/340	
	Dominion Appalachian Development, Inc.	Consol Gas Appaļachian Development	, LLC	CB9/131	name change
	Consol Gas Appalachian Development, LL		RE	CHENNED	name change
	CNX Gas Co., LLC	EQT Production Co.	Office C	beak/sud	Gas

APR 2 7 2015

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

# 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: EQT Production Company

By:

Its: Permitting Supervisor

Page 1 of 1

4709502256

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Office of Oil and Gas

APR 2 7 2015

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

Date of No	otice Certification: 43	17.15	API No. 47 O95 Operator's Well No. Well Pad Name:	0 514464 SHR60
Notice has	been given:			
	그렇게 있어요? 아무리 경우자의 경기를 가장 없는 사람이 되었다.	Code § 22-6A, the Operator has provided	the required parties with the N	lotice Forms listed
	e tract of land as follows:	odde 3 22 err, tile operator has provided	the required parties with the re	volice i omis listed
State:	WV	UTM NAD 83 Easting:		4,360,589.15
County:	Tyler	UTM NAD 83 Northing:		516,269.14
District:	McElroy	Public Road Access:		60/2
Quadrangle:	Shirley	Generally used farm name:	V	ivian J Wells et al
Watershed:	Morrison Run of McElroy C			- 000 = -
			4/09:	002256
Virginia Coo of this articl Pursuant to that the Ope	de § 22-6A-11(b), the applicant se have been completed by the a West Virginia Code § 22-6A, the	e Operator has attached proof to this Notice equired parties with the following:	ce Certification	
		SEISMIC ACTIVITY WAS CONE	USE NO UCTED	RECEIVED/NOT REQUIRED
NOTIC	E OF ENTRY FOR PLAT SU	SEISMIC ACTIVITY WAS CONDUCTED BECA	USE NO PUCTED	RECEIVED/NOT
	E OF ENTRY FOR PLAT SU		USE NO PUCTED  AS CONDUCTED  LUSE  F	RECEIVED/NOT REQUIRED
		URVEY or ▼ NO PLAT SURVEY W NOTICE NOT REQUIRED BECA NOTICE OF ENTRY FOR PLAT	USE NO PUCTED  AS CONDUCTED  LUSE SURVEY	RECEIVED/NOT REQUIRED RECEIVED
V NOTIC		NOTICE NOT REQUIRED BECA NOTICE OF ENTRY FOR PLAT WAS CONDUCTED OR WRITTEN WAIVER BY SURFAC (PLEASE ATTACH)	USE NO PUCTED  AS CONDUCTED  AUSE SURVEY  CE OWNER	RECEIVED/NOT REQUIRED RECEIVED
▼ NOTIC	E OF INTENT TO DRILL or	NOTICE NOT REQUIRED BECA NOTICE OF ENTRY FOR PLAT WAS CONDUCTED OR WRITTEN WAIVER BY SURFAC (PLEASE ATTACH)	USE NO DUCTED  AS CONDUCTED  LUSE SURVEY  CE OWNER	RECEIVED/NOT REQUIRED RECEIVED RECEIVED/NOT REQUIRED

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and the Class II Legal Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Vinginia dode § 226401 Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, 07/24/2015 the return receipt card or other postal receipt for certified mailing.

WW-6AC (1/12)

Certification	of	Notice	is	herehy	given	
Certification	OI	MOLICE	15	HEIEDY	uiven	

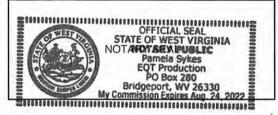
THEREFORE, I \_\_\_\_\_\_, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered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

 Well Operator:
 EQT Production Company
 Address:
 P.O. Box 280

 By:
 Victoria J. Roark
 Bridgeport, WV 26330

 Its:
 Permitting Supervisor
 Facsimile:
 304-848-0040

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



Subscribed and sworn before me this 4 7 0 235 0day of 2 8

Notary Public

My Commission Expires 8-24-22

# 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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Office of Oil and Gas

APR 2 7 2015

WV Department of Environmenta P7/21/2015

WW-6A (9-13)

API NO.	47	-	095		0
OPERATOR		514464			
Wall Pad Nama:					CUD60

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

	otice shall be provided no later than the			The same of the sa	
Date of Notice: 4	27-15 Date Permit Applica	ation Filed	l:	4.27-15	
Notice of:					P =
PERMIT FOR ANY WELL WORK	☐ CERTIFICATE OF CONSTRUCTION			E ENT OR PIT	709502256
Delivery method pursuant	to West Virginia Code § 22-6A-10(b	)			556
☐ PERSONAL	☐ REGISTERED	[Z] ver	THOD OF D	ELIVERY THAT REQUIRES	
SERVICE	MAIL			GNATURE CONFIRMATIO	
requires a receipt or sig plat to each of the follo the surface tract or tract disturbance as describe lessee, in the event the record of the surface tra construction, enlargement water purveyor who is a which is used to provid work activity is to take in the lands, the applica article one, chapter elev unless the lien holder is	gnature confirmation, copies of the swing persons: (1) The owners of the swing persons: (1) The owners of the overlying the oil and gas leasted in the erosion and sediment contract of land on which the well plact or tracts overlying the oil and ent, alteration, repair, removal of known to the applicant to have alle water for consumption by hur place. (c)(1) If more than three ant may serve the documents recovernea of this code. (2) Notwithsters the landowner. W. Va. Code R.	the appli of record ehold be control pl proposed d gas lead or abando a water v mans or tenants i quired up tanding a R. § 35-8	cation, the of the surfing develo an submitt d to be dril usehold being the spring domestic a in common pon the perany provisi-5.7.a requoject to not	erosion and sediment of face of the tract on which ped by the proposed well ed pursuant to subsection led is located [sic] is known in g developed by the pro- any impoundment or pit g or water supply source nimals; and (6) The open or other co-owners of its son described in the rec- tion of this article to the co- ires, in part, that the open ice and water testing as	service or by registered mail or by an ontrol plan required by section seven of the well is or is proposed to be located work, if the surface tract is to be used in (c), section seven of this article; (3) own to be underlain by one or more composed well work, if the surface tract is as described in section nine of this located within one thousand five rator of any natural gas storage field interests described in subsection (b) of ords of the sheriff required to be contrary, notice to a lien holder is not erator shall also provide the Well Site provided in section 15 of this rule.
Application Notice	✓ WSSP Notice ✓ E&S Plan	1 Notice	5	l Plat Notice is hereby provide	
☑ SURFACE OWNE Name:	ER(s) Vivian Janice W	Jalle /	✓ CO Name:	AL OWNER OR LESSI	EE Vivian Janice Wells
Address:	guel 1814 Oil Ridge R		Address:		Gui. 1814 Oil Ridge Road
	Sistersville WV 26				Sistersville WV 26175
		0			0
Nama	Gaarga Birki	lain /	- co	AL OPERATOR	ed for additional coal owners.
Name: Address:	George Birkl 121 Oxfor		Name:	AL OFERATOR	
Address.	Sistersville WV 26		Address:		
	See Attachn		, radicoo.		
SURFACE OWNE	ERS(s) (Road and/or Other Distu		-		0
Name:	Vivian Janice W				<del></del>
Address:	1814 Oil Ridge R		☐ SU	RFACE OWNER OF W	ATER WELL
	Sistersville WV 26		AND/OR	WATER PURVEYOR(	s)
		0 ,	Name:		0
Name:	George Birkl	lein	Address:		0
Address:	121 Oxfor	d St			HECEIVED 0
	Sistersville WV 26				Office of Oil and Gas
	See Attachn				O'mar-a-
SURFACE OWNE	ER(s) (Impoundments/Pits)	1	OP!	ERATOR OF ANY NATU	IRAL GAS STORAGE FIELD
Name:	Vivian Janice W	Vells	Name:		AFR & 1 LUIS
Address:	1814 Oil Ridge R		Address:		The second second second
V	Sistersville WV 26			*	WV Department of
	See Attachn				Emission Protection
			*Please at	tach additional forms if	Environmental Protection

# 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 4709502256

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Office of Oil and Gas

APR 2 7 2015

# 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

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 4709502256

RECEIVED
Office of Oil and Gas

APR 2 7 2015

WV Department of Environmental Porte24i/2015

# Additional Surface Owners: Access Road

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

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

John Paul Davis 45 Crystal Lake Road West Union WV 26456

Richard E Hansen 1043 Low Gap Road Wilber WV 26459 4709502256

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Office of Oil and Gas

APR 2 7 2015

# Additional Surface Owners: Access Road

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

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

George Birklein 121 Oxford St Sistersville, WV 26175

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 470950225

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Office of Oil and Gas

APR 2 7 2015

# Additional Surface Owners: Pits/Impoundments

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

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Andrea Shotts 432-2 East Main St Plymouth PA 18651

Lisa Wesolowski 254 Lampman St Avoca PA 18641

# Additional Coal Owners:

Albina Pasko 18 Jensen St East Brunswick NJ 08816

Clifford Haug 3894 Cellar Creek Rd Blackstone VA 23824 4709502

Office of Oil and Gas

APR 2 7 2015

WV Department of Environmental Protection

07/24/2015

# Additional Coal Owners:

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

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Raymond A Jackubowski 123 North Pioneer Ave Shavertown PA 18708

Beverly A Chisdock 213 Lehigh St Avoca PA 18641 4709502256

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# **Additional Coal Owners:**

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

George Birklein 121 Oxford St Sistersville, WV 26175 4709502256

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APR 2 7 2015

WV Department of Environmental Protection

07/24/2015

WW-6A
(8-13)

API NO. <u>47</u> - <u>095</u>		0
OPERATOR WELL NO.	51	4464
Well Pad Name	SHB60	

# Notice is hereby given:

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

### This Notice Shall Include:

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

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

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

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

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

### **Well Location Restrictions**

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county 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 warver, it granted, small impossible section conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval field VED the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The Yell and Gas during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit 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, duapproper volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied 2015 volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied by the drilling of horizontal wells as they relate to the well location restrictions are also the drilling of horizontal wells as they relate to the well location restrictions are also they are also the drilling of horizontal wells as they relate to the well location restrictions are also they Environmental Protection

API NO. <u>47</u> -	095	-	0
OPERATOR WELL NO.			514464
Well Dad Names			CHDAO

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 my enter supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

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

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

Chief, Office of Oil and Gas

Department of Environmental Protection

601 57th St. SE

Charleston, WV 25304

(304) 926-0450

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualification where the permit is persons qualification where the permit is persons qualification and a list of persons qualification where the permit is persons qualification where the permit is persons qualification and a list of persons qualification where the permit is persons qualification where the permit is persons qualified to persons qualification where the permit is persons qualified to persons qualifie secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the

WW-6A (8-13)

API NO.	<u>47</u>	-	095	-	0
OPERATOR WELL NO.					514464
Well Pad N				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 4709502256

# **Comment Requirements**

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

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

# **Permit Denial or Condition**

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

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

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

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

> Office of Oil and Gas
>
> APR 2 7 2015
>
> WV Department of Environmental Protection

Notice is hereby giv	en by:			
Well Operator:	<b>EQT Production Company</b>	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.

orm and all attaching believe that the information is

OFFICIAL SEAL STATE OF WEST VIRGINIA NOTARY PUBLIC Pamela Sykes EQT Production Plox 280

126330
126330
126330
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126330 My Commission Expir

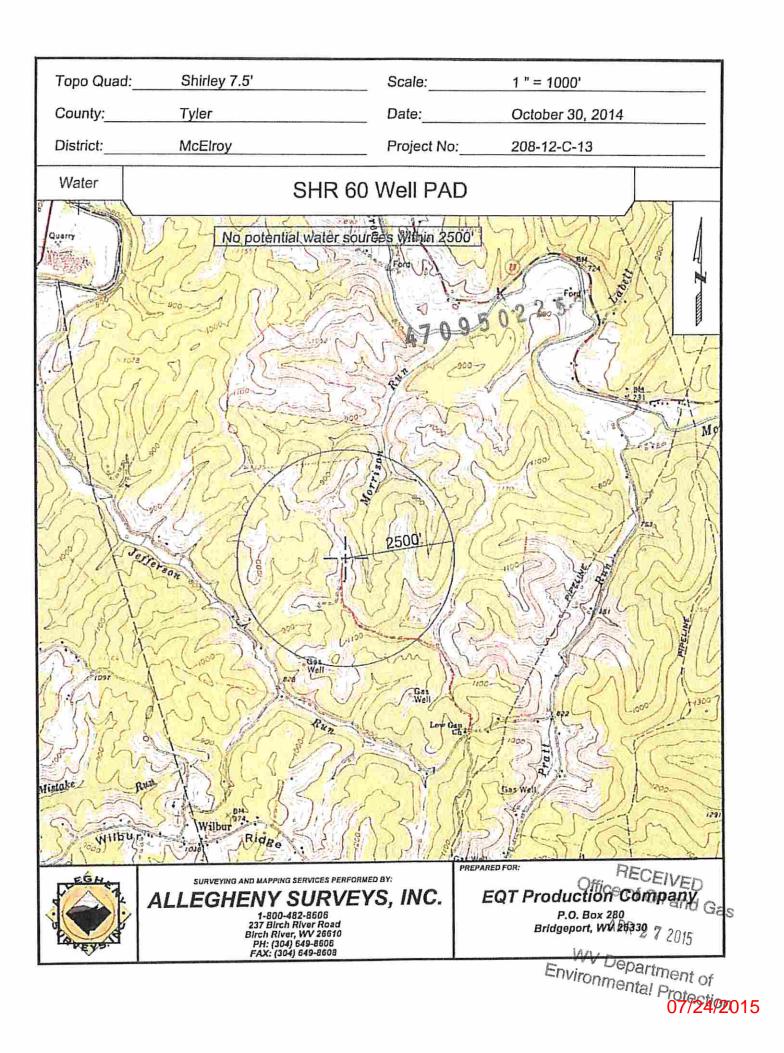
By: Victoria Roark Its: Permitting Supervisor day of Subscribed and sworn before n

4709502256

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Office of Oil and Gas

APR 2 7 2015

WV Department of
Environmental Pople 4/12915



# 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.

	4/17/2015 Date Permit App		4/27/2015		
elivery method pu	rsuant to West Virginia Code § 22-6A-16(b)			7	
LIAND	OFFITTIES MAIL BETT	DN1			
_ HAND DELIVERY	CERTIFIED MAIL RETURN RECEIPT REQUESTED	HIN			
eceipt requested or rilling a horizontal v f this subsection as ubsection may be w	code § 22-6A-16(b), at least ten days prior to filing hand delivery, give the surface owner notice of it well: Provided, That notice given pursuant to substoff the date the notice was provided to the surfact waived in writing by the surface owner. The notice imile number and electronic mail address of the communication.	ts intent to enter upon the section (a), section ten of se owner: Provided, howe s, if required, shall include	ne surface owner's f this prtitle satisfie: ever, That the notic e the name, addres	and for the purpose of s the requirements se requirements of this s, telephone number,	
lotice is hereby pro	ovided to the SURFACE OWNER(s):				
Name:	Vivian Janice Wells	Name:		George Birklein	4
Address:	14u 1814 Oil RidgeRoad	Address:		121 Oxford St	
	Sistersville WV 26175			Sistersville WV 26175	
tate:	1407				
	Tyler	UTM NAD 83	Easting		4,360,589.15
County:	Tyler		Northing		516,269.14
ounty:	Tyler McElroy	Publi	Northing	Viv	516,269.14 60/2
ounty: District: Quadrangle: Vatershed:  Mo	Tyler McElroy Shirley orrison Run of McElroy Creek	Publi	Northing	Viv	516,269.14
ounty: District: Quadrangle: Vatershed:  Mo Chis Notice Shall Inc. Pursuant to West Vir acsimile number an	Tyler  McElroy Shirley  Drrison Run of McElroy Creek  Slude: rginia Code § 22-6A-16(b), this notice shall include d electronic mail address of the operator and the I drilling may be obtained from the Secretary, at the Street, SE, Charleston, WV 25304 (304-926-0450)  en by:  EQT Production Company 115 Professional Place, P.O Box 280	Publi Generally us e the name, address, tele operator's authorized re he WV Department of Er	Northing ic Road Access: eed farm name: ephone number, an epresentative. Addi nvironmental Prote wv.gov/oil-and-gas,	d if available, tional information ction headquarters, /pages/default.aspx 115 Professional Pl	S16,269.14 60/2 ian J Wells et al  Victoria Roark ace, P.O Box 280
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county:  cou	Tyler McElroy Shirley Derrison Run of McElroy Creek  Clude: Inginia Code § 22-6A-16(b), this notice shall include and electronic mail address of the operator and the lidrilling may be obtained from the Secretary, at the Street, SE, Charleston, WV 25304 (304-926-0450)  EQT Production Company 115 Professional Place, P.O Box 280 Bridgeport, WV 26330 304-848-0076	Public Generally use the name, address, telestoperator's authorized refer to by visiting www.dep.  Authorized Representat Address:	Northing ic Road Access: eed farm name: ephone number, an epresentative. Addi nvironmental Prote wv.gov/oil-and-gas,	d if available, tional information ction headquarters, /pages/default.aspx 115 Professional Pl Brid	Victoria Roark ace, P.O Box 280 dgeport, WV 26330 304-848-0076
ounty:  ibistrict:  Quadrangle:  Vatershed:  Mo  Chis Notice Shall Inc.  Pursuant to West Vir  acsimile number an  elated to horizontal  ocated at 601 57th  Notice is hereby giv  Vell Operator:  address:  Gelephone:  Granil:	Tyler  McElroy Shirley  Derrison Run of McElroy Creek  Stude: Idea of the operator and the operator operator operator. The operator operator operator operator. The operator operator. The operator operator. The op	Publi Generally us  e the name, address, tele operator's authorized re he WV Department of Er or by visiting www.dep.  Authorized Representat Address:  Telephone: Email:	Northing ic Road Access: eed farm name: ephone number, an epresentative. Addi nvironmental Prote wv.gov/oil-and-gas,	d if available, tional information ction headquarters, /pages/default.aspx 115 Professional Pl Brid	Victoria Roark ace, P.O Box 280 dgeport, WV 26330 304-848-0076 roark@eqt.com
county:  Chistrict:  Vatershed:  Mo  Chis Notice Shall Inc.  Pursuant to West Vir acsimile number an elated to horizontal ocated at 601 57th in Notice is hereby given  Vell Operator:  Address:	Tyler McElroy Shirley Derrison Run of McElroy Creek  Clude: Inginia Code § 22-6A-16(b), this notice shall include and electronic mail address of the operator and the lidrilling may be obtained from the Secretary, at the Street, SE, Charleston, WV 25304 (304-926-0450)  EQT Production Company 115 Professional Place, P.O Box 280 Bridgeport, WV 26330 304-848-0076	Public Generally use the name, address, telestoperator's authorized refer to by visiting www.dep.  Authorized Representat Address:	Northing ic Road Access: eed farm name: ephone number, an epresentative. Addi nvironmental Prote wv.gov/oil-and-gas,	d if available, tional information ction headquarters, /pages/default.aspx 115 Professional Pl Brid	Victoria Roark ace, P.O Box 280 dgeport, WV 26330 304-848-0076

# 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.

	4/17/2015 Date Permi	it Application Filed:	4/27/2015	
Delivery method p	ursuant to West Virginia Code § 22-6A-16(b			
	⊢ HAND	RTIFIED MAIL RETUR	RN	
	DELIVERY RE	CEIPT REQUESTED		
receipt requested of drilling a horizontal of this subsection a subsection may be	Code § 22-6A-16(b), at least ten days prior to or hand delivery, give the surface owner notice well: Provided, That notice given pursuant to s of the date the notice was provided to the waived in writing by the surface owner. The simile number and electronic mail address o	ce of its intent to enter upon o subsection (a), section ten surface owner: Provided, how notice, if required, shall inclu	the surface owner's land for the purpose of of this article satisfies the requirements wever, That the notice requirements of this a de the name, address, telephone number,	
	ovided to the SURFACE OWNER(s):			
Name:	Albina Pa		Clifford Haug	/
Address:	18 Jense East Brunswick NJ 08	TARREST OF STREET, STR	3894 Cellar Creek Rd Blackstone VA 23824	
	WV	UTM NAD 83	Easting	4360607.42
	Tyler	UTM NAD 83	Easting	516268.7
State: County: District:	Tyler McElroy	Pul	Northingblic Road Access:	516268.7 60/2
ounty: jistrict: tuadrangle: Vatershed:  M	Tyler McElroy Shirley Orrison Run of McElroy Creek	Pul	Northingblic Road Access:	516268.7
County: District: Quadrangle: Watershed:  Vision Notice Shall In Pursuant to West V Facsimile number a related to horizont ocated at 601 57th	Tyler McElroy Shirley  Corrison Run of McElroy Creek  Clude:  Cirginia Code § 22-6A-16(b), this notice shall in the electronic mail address of the operator and drilling may be obtained from the Secretar Street, SE, Charleston, WV 25304 (304-926-1)  Wen by:	Pub Generally of Include the name, address, te nd the operator's authorized y, at the WV Department of 1 0450) or by visiting www.dep	Northing  blic Road Access:  used farm name:  Elephone number, and if available, representative. Additional information Environmental Protection headquarters, o.wv.gov/oil-and-gas/pages/default.aspx	516268.7 60/2 an J Wells et al
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County: District: Quadrangle: Watershed:  Mis Notice Shall In Pursuant to West V facsimile number a related to horizonta ocated at 601 57th  Notice is hereby gi  Well Operator:	Tyler McElroy Shirley  Jorrison Run of McElroy Creek  clude: irginia Code § 22-6A-16(b), this notice shall in the electronic mail address of the operator and drilling may be obtained from the Secretary Street, SE, Charleston, WV 25304 (304-926- ven by:  EQT Production Compa	Put Generally of Generally of nclude the name, address, te nd the operator's authorized y, at the WV Department of 0450) or by visiting www.dep	Northing  blic Road Access:  used farm name:  Plephone number, and if available, representative. Additional information Environmental Protection headquarters, o.wv.gov/oil-and-gas/pages/default.aspx  ative:  115 Professional P	516268.7 60/2 an J Wells et al Victoria Ro
County:  Cou	Tyler  McElroy Shirley  Orrison Run of McElroy Creek  clude: iriginia Code § 22-6A-16(b), this notice shall in the electronic mail address of the operator and drilling may be obtained from the Secretar Street, SE, Charleston, WV 25304 (304-926-  ven by:  EQT Production Compa	Put Generally of Generally of Generally of Generally of Generally of the operator's authorized y, at the WV Department of General of	Northing  blic Road Access:  used farm name:  Plephone number, and if available, representative. Additional information Environmental Protection headquarters, o.wv.gov/oil-and-gas/pages/default.aspx  ative:  115 Professional P	516268.7 60/2 an J Wells et al Victoria Ro lace, P.O Box 2
ounty: District: Quadrangle: Vatershed: M Chis Notice Shall In Cursuant to West V acsimile number a elated to horizont: ocated at 601 57th Notice is hereby givell Operator: address:	Tyler McElroy Shirley  lorrison Run of McElroy Creek  clude: irginia Code § 22-6A-16(b), this notice shall indelectronic mail address of the operator and drilling may be obtained from the Secretar Street, SE, Charleston, WV 25304 (304-926- ven by:  EQT Production Comparisonal Place, P.O Box 2 Bridgeport, WV 263	nclude the name, address, tend the operator's authorized y, at the WV Department of 0450) or by visiting www.department of 0450 Address:  Address:  Telephone:	Northing  blic Road Access:  used farm name:  elephone number, and if available, representative. Additional information Environmental Protection headquarters, o.wv.gov/oil-and-gas/pages/default.aspx  ative:  115 Professional P  Bri	Victoria Ro lace, P.O Box 2 dgeport, WV 26 304-848-00
County: District: Quadrangle: Watershed:  Vision Notice Shall In Pursuant to West V Facsimile number a related to horizont ocated at 601 57th	Tyler McElroy Shirley  Corrison Run of McElroy Creek  Clude: irginia Code § 22-6A-16(b), this notice shall indelectronic mail address of the operator and drilling may be obtained from the Secretar Street, SE, Charleston, WV 25304 (304-926-ven by:  EQT Production Comparation of the Secretary Street SE, Charleston, WV 25304 (304-926-ven by:  EQT Production Comparation of the Secretary Street SE, Charleston, WV 25304 (304-926-ven by:  EQT Production Comparation of the Secretary Street SE, Charleston, WV 25304 (304-926-ven by:  EQT Production Comparation of the Secretary Street Secretary Secretary Secretary Street Secretary Street Secretary Street Secretary Street Secretary	nclude the name, address, tend the operator's authorized y, at the WV Department of 0450) or by visiting www.department of 0450 Authorized Representation Address:    180	Northing  blic Road Access:  used farm name:  elephone number, and if available, representative. Additional information Environmental Protection headquarters, o.wv.gov/oil-and-gas/pages/default.aspx  ative:  115 Professional P  Bri	Victoria Rolace, P.O Box 2 dgeport, WV 26 304-848-00

#### 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 F	Requirement: Notice shall be provided at least TEN (10) of	days prior to filing a peri	mit application.	
Date of Notic			4/27/2015	
Delivery meth	hod pursuant to West Virginia Code § 22-6A-16(b)			
	HAND CERTIF	TIED MAIL RETURN PT REQUESTED	N	
Pursuant to W	V. Va. Code § 22-6A-16(b), at least ten days prior to filing	a permit application, ar	operator shall, by certified mail return	
receipt reque	sted or hand delivery, give the surface owner notice of it	s intent to enter upon t	he surface owner's land for the purpose of	
	zontal well: Provided, That notice given pursuant to subs			
	tion as of the date the notice was provided to the surfac			
	ay be waived in writing by the surface owner. The notice le, facsimile number and electronic mail address of the o			
Notice is here	eby provided to the SURFACE OWNER(s):	M		
Name:	Timothy M Haug /	Name:	Benjamin A Haug	
Address:	3890 Cellar Creek Rd	Address:	3890 Cellar Creek Rd	/
	Blackstone VA 23824		Blackstone VA 23824	
State:	wv		Easting	4360607.42
County:	Tyler	UTM NAD 83	Northing	516268.7
District:	McElroy	Publ	ic Road Access:	60/2
Quadrangle:	Shirley	Generally us	sed farm name: Vivi	an J Wells et al
Watershed:	Morrison Run of McElroy Creek			
This Notice S	hall Include:			
	Vest Virginia Code § 22-6A-16(b), this notice shall include	the name, address, tele	ephone number, and if available,	
	ber and electronic mail address of the operator and the			
	rizontal drilling may be obtained from the Secretary, at the			
located at 60	1 57th Street, SE, Charleston, WV 25304 (304-926-0450)	or by visiting www.dep.	wv.gov/oil-and-gas/pages/default.aspx	
Notice is here	eby given by:			
Well Operator:		Authorized Representat	tive:	Victoria Roar
Address:	115 Professional Place, P.O Box 280	Address:	115 Professional F	Place, P.O Box 28
	Bridgeport, WV 26330		DEB	idgeport, WV 2633
Telephone:	304-848-0076	Telephone:	Office	304-848-007
Email:	vroark@eqt.com	Email:	Office of (	vHaik@edicor
Facsimile:	304-848-0041	Facsimile:	ADD	304-848-004
			APR 2	2 7 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 our personal information of 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 commental 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.

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perator Well No.	

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

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner. Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application. 4/17/2015 Date of Notice: Date Permit Application Filed: Delivery method pursuant to West Virginia Code § 22-6A-16(b) CERTIFIED MAIL RETURN RECEIPT REQUESTED HAND Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: Provided, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: Provided, however, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Notice is hereby provided to the SURFACE OWNER(s): Name: Name: Jean Jackubowski Theodore Jackubowski Address: Address: 158 Baumgardner Rd 1212 Kelso Blvd Willow Street PA 17584 Windermere FL 34786 Notice is hereby given: Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows: WV 4360607.42 State: UTM NAD 83 Tyler 516268.7 County: Northing 60/2 District: McElroy Public Road Access: Shirley Generally used farm name: Vivian J Wells et al Quadrangle: Morrison Run of McElroy Creek Watershed: This Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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 Notice is hereby given by: Victoria Roark **EQT Production Company** Authorized Representative: Well Operator: 115 Professional Place, P.O Box 280 115 Professional Place, P.O Box 280 Address: Address: port, WV 26330 Bridgeport, WV 26330 304-848-0076 UII a.B074-848-0076 Telephone: Telephone: vroark@eqt.com Email: vroark@eqt.com Email: 304-848-0041 Facsimile: 2304-848-0041 Facsimile:

Oil and Gas Privacy Notice:

WV Department of 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 Protection 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 App	lication Filed:	4/27/2015		
Delivery metho	od pursuant to West Virginia Code §	22-6A-16(b)				
	_ HAND	CERTIF	FIED MAIL RETURI	N		
	DELIVERY	RECEI	PT REQUESTED			
receipt request	Va. Code § 22-6A-16(b), at least ten ted or hand delivery, give the surface ontal well: Provided, That notice give	e owner notice of it	ts intent to enter upon t	the surface owner's lan	d for the purpose of	
	on as of the date the notice was pro					
subsection may	y be waived in writing by the surface , facsimile number and electronic m	owner. The notice	e, if required, shall include	de the name, address, t	elephone number, 5	6
Notice is hereb	y provided to the SURFACE OWNER	R(s):				
Name:	Lo	uis Jackubowski Jr	Name:		Mary Jane Ross	/
Address:	19	222 Robindale Ave /	Address:		904 Truce Road	1
oursuant to W	Grand and a second	The state of the s			Holtwood PA 17532 nt to enter upon	
oursuant to Wo	oy given: est Virginia Code § 22-6A-16(b), noti	ce is hereby given t a horizontal well c				4360607.42
Pursuant to Wi the surface ow state:	oy given: est Virginia Code § 22-6A-16(b), noti	ce is hereby given to a horizontal well o WV Tyler	on the tract of land as fo UTM NAD 83	EastingNorthing		516268.7
Pursuant to We the surface ow state: County:	oy given: est Virginia Code § 22-6A-16(b), noti	ce is hereby given to a horizontal well of WV Tyler McElroy	on the tract of land as fo UTM NAD 83 Pub	Easting Northing	nt to enter upon	516268.7 60/2
Pursuant to Wo the surface ow State: County: District:	oy given: est Virginia Code § 22-6A-16(b), noti ner's land for the purpose of drilling	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley	on the tract of land as fo UTM NAD 83 Pub	EastingNorthing	nt to enter upon	516268.7
	oy given: est Virginia Code § 22-6A-16(b), noti	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley	on the tract of land as fo UTM NAD 83 Pub	Easting Northing	nt to enter upon	516268.7 60/2
Pursuant to Wi the surface ow state: County: District: Quadrangle: Watershed:	by given: est Virginia Code § 22-6A-16(b), notiner's land for the purpose of drilling  Morrison Run of McElroy Cree	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley	on the tract of land as fo UTM NAD 83 Pub Generally u	EastingNorthingNorthing	nt to enter upon Vivia	516268.7 60/2
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Shi	by given: est Virginia Code § 22-6A-16(b), notiner's land for the purpose of drilling  Morrison Run of McElroy Cree all Include: est Virginia Code § 22-6A-16(b), this	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley k	on the tract of land as fo UTM NAD 83 Pub Generally u e the name, address, tel	Easting	nt to enter upon Vivia available,	516268.7 60/2
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Shipursuant to Wifacsimile numb	by given: est Virginia Code § 22-6A-16(b), notiner's land for the purpose of drilling  Morrison Run of McElroy Cree all Include: est Virginia Code § 22-6A-16(b), this per and electronic mail address of the	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley k	on the tract of land as fo UTM NAD 83  Pub  Generally u  e the name, address, tel	Easting	nt to enter upon Vivia Favailable, nal information	516268.7 60/2
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Shapersuant to Wifacsimile numberelated to horize	est Virginia Code § 22-6A-16(b), notiner's land for the purpose of drilling  Morrison Run of McElroy Cree  all Include:  est Virginia Code § 22-6A-16(b), this per and electronic mail address of the contal drilling may be obtained from	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley k  notice shall include a operator and the the Secretary, at t	uthe tract of land as fo UTM NAD 83  Pub  Generally u  e the name, address, tel coperator's authorized reserved the work of E	Easting Northing lic Road Access: used farm name: lephone number, and if	nt to enter upon Vivia Favailable, nal information on headquarters,	516268.7 60/2
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Shapersuant to Wifacsimile numberelated to horize	by given: est Virginia Code § 22-6A-16(b), notiner's land for the purpose of drilling  Morrison Run of McElroy Cree all Include: est Virginia Code § 22-6A-16(b), this per and electronic mail address of the	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley k  notice shall include a operator and the the Secretary, at t	uthe tract of land as fo UTM NAD 83  Pub  Generally u  e the name, address, tel coperator's authorized reserved the work of E	Easting Northing lic Road Access: used farm name: lephone number, and if	nt to enter upon Vivia Favailable, nal information on headquarters,	516268.7 60/2
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: Pursuant to With State of the With State of the State of	by given: est Virginia Code § 22-6A-16(b), notiner's land for the purpose of drilling  Morrison Run of McElroy Cree est Virginia Code § 22-6A-16(b), this per and electronic mail address of the contal drilling may be obtained from 57th Street, SE, Charleston, WV 253	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley k  notice shall include a operator and the the Secretary, at t	uthe tract of land as fo UTM NAD 83  Pub  Generally u  e the name, address, tel coperator's authorized reserved the work of E	Easting Northing lic Road Access: used farm name: lephone number, and if	nt to enter upon Vivia Favailable, nal information on headquarters,	516268.7 60/2
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Shipursuant to Wifacsimile numbrelated to horizocated at 601 Notice is here!	by given: est Virginia Code § 22-6A-16(b), notiner's land for the purpose of drilling  Morrison Run of McElroy Cree all Include: est Virginia Code § 22-6A-16(b), this per and electronic mail address of the contal drilling may be obtained from 57th Street, SE, Charleston, WV 253 by given by:	ce is hereby given to a horizontal well of WV Tyler McElroy Shirley k  notice shall include a operator and the the Secretary, at t	uthe tract of land as fo UTM NAD 83  Pub  Generally u  e the name, address, tel coperator's authorized reserved the work of E	Easting	vivia  available, nal information on headquarters, ges/default.aspx	516268.7 60/2 n J Wells et al
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Shapersuant to Wifacsimile numberelated to horize	my given: est Virginia Code § 22-6A-16(b), notiner's land for the purpose of drilling  Morrison Run of McElroy Cree all Include: est Virginia Code § 22-6A-16(b), this per and electronic mail address of the contal drilling may be obtained from 57th Street, SE, Charleston, WV 253 by given by:  EQT Product 115 Professional Place	wv Tyler McElroy Shirley k notice shall include e operator and the the Secretary, at to 04 (304-926-0450)	UTM NAD 83  Pub  Generally u  e the name, address, tel e operator's authorized in the WV Department of Element	Easting	vivia  Tavailable, nal information on headquarters, ges/default.aspx	516268.7 60/2 n J Wells et al Victoria Roace, P.O Box 2
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duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of the protection 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.

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regular partment of

)	perator	Well	No.		

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

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner. Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application. 4/17/2015 Date of Notice: Date Permit Application Filed: Delivery method pursuant to West Virginia Code § 22-6A-16(b) CERTIFIED MAIL RETURN
RECEIPT REQUESTED Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: Provided, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: Provided, however, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Notice is hereby provided to the SURFACE OWNER(s): Name: Name: Sharon Graeff Susan Buzzard Address: Address: 21 Cherokee Road 3217 Eisenbrown Rd Willow Street PA 17584 Reading PA 19605 Notice is hereby given: Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows: WV 4360607.42 State: Easting UTM NAD 83 Tyler 516268.7 County: Northing McElroy District: Public Road Access: 60/2 Shirley Vivian J Wells et al Quadrangle: Generally used farm name: Morrison Run of McElroy Creek Watershed: This Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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 Notice is hereby given by: **EQT Production Company** Victoria Roark Authorized Representative: Well Operator: 115 Professional Place, P.O Box 280 115 Professional Place, P.O Box 280 Address: Address: Bridgeport, WV 26330 Bridgeport, WV 26330 H = C304-848-0076 304-848-0076 Telephone: Telephone: Office vroatk@egt.gom vroark@eqt.com Email: Email: 304-848-0041 304-848-004 Facsimile: Facsimile: APR 2 7 2015

#### Oil and Gas Privacy Notice:

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

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Delivery method		lication Filed:	it application. 4/27/2015	_
	pursuant to West Virginia Code § 22-6A-16(b)			
	HAND CERTIF	FIED MAIL RETURN PT REQUESTED		
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Notice is hereby p	provided to the SURFACE OWNER(s):			
Name:	Virginia Hornberger	Name:	A	nthony Jackubowski Jr
Address: _	3415 River Road	Address:		535 Shawnee Street
	Reading PA 19605		V	Vilkes Barre PA 18702
	Virginia Code § 22-6A-16(b), notice is hereby given to 's land for the purpose of drilling a horizontal well o			to enter upon
he surface owner	's land for the purpose of drilling a horizontal well o		DWS:	4360607.42
the surface owner State: County:	s's land for the purpose of drilling a horizontal well of WV  Tyler	on the tract of land as follows:	Easting	4360607.42 516268.7
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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 o needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our of reputition 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.

# 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 Application Filed:	4/27/2015	
elivery meth	od pursuant to West Virginia Cod	de § 22-6A-16(b)		
	_ HAND	CERTIFIED MAIL RETURN RECEIPT REQUESTED	RN	
	DELIVERY	RECEIPT REQUESTED	4709502	256
		ten days prior to filing a permit application,	an operator shall, by certified mail	return
illing a horize this subsect bsection ma	ontal well: Provided, That notice points on as of the date the notice was be waived in writing by the surf	face owner notice of its intent to enter upor given pursuant to subsection (a), section ten provided to the surface owner: Provided, ho ace owner. The notice, if required, shall incl c mail address of the operator and the opera	of this article satisfies the requirer wever, That the notice requiremend ude the name, address, telephone	ments ats of this
	by provided to the SURFACE OW	The Control of the Co		. V etropoli
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The Office of Oil and Gas processes your personal information, such as name, address and telephone number a part of part estillator protection 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.

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

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Notice Time R Date of Notice	equirement: Notice shall be provided at least TEN (10) on the second state of the seco		t application. 4/27/2015	
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receipt request drilling a horizt of this subsect subsection materials and if available	I. Va. Code § 22-6A-16(b), at least ten days prior to filing sted 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 surface by be waived in writing by the surface owner. The notice e, facsimile number and electronic mail address of the o	es intent to enter upon the section (a), section ten of t se owner: Provided, howev s, if required, shall include	surface owner's land for the purpose of his article satisfies the requirements er, That the notice requirements of this the name, address, telephone number,	
	by provided to the SURFACE OWNER(s):	/		- v
Name: _	Cynthia Kryzwicki	Name:	Andrea Shotts	
Address:	213 Nicholson Sť Wilkes-Barre PA 18702	Address:	432-2 East Main St Plymouth PA 18651	
	est Virginia Code § 22-6A-16(b), notice is hereby given to vner's land for the purpose of drilling a horizontal well o WV Tyler			4360607.42 516268.7
District:	McElroy	Public	Road Access:	60/2
Quadrangle:	Shirley	Generally used		an J Wells et al
Watershed:	Morrison Run of McElroy Creek			
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Notice is here	by given by:			
Well Operator:	EQT Production Company	Authorized Representative	2:	Victoria Roarl
Address:	115 Professional Place, P.O Box 280	Address:	115 Professional P	
	Bridgeport, WV 26330		Br	idgeport, WV 2633
Telephone:	304-848-0076	Telephone:		V 304-848-0076
Email:	vroark@eqt.com	Email:	Office of Of	vroark@egt.com
Facsimile:	304-848-0041	Facsimile:		alg64-848-904
Oil and Gas Be	rivacy Notice		APR 27	2015

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Operator	Well No.	

#### 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	2: 4/17/2015 Date Permit Ap	plication Filed:	4/27/2015		
Delivery meth	od pursuant to West Virginia Code § 22-6A-16(b)				
	HAND CERT RECE	IFIED MAIL RETURN IPT REQUESTED			
receipt reques drilling a horize of this subsect 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 contal well: Provided, That notice given pursuant to surface of the date the notice was provided to the surface owner. The notice was provided to the surface owner. The notice, facsimile number and electronic mail address of the	its intent to enter upon the esection (a), section ten of ace owner: Provided, howe ce, if required, shall include	e surface owner's land this article satisfies the ever, That the notice rule the name, address, t	d for the purpose of e requirements equirements of this elephone number,	
	by provided to the SURFACE OWNER(s):	/ Name:			
Name: Address:	Lisa Wesolowski	Name:		John Paul Davis	
Audress.	254 Lampman Street	Address:		545 Crystal Lake Road	
Notice is herel	Avoca PA 18641 by given:	-		West Union WV 26456	
	A CARLO			22000	
Pursuant to W the surface ow	by given: lest Virginia Code § 22-6A-16(b), notice is hereby given oner's land for the purpose of drilling a horizontal well	on the tract of land as foll	ows:	22000	4360607.42
Pursuant to W the surface ow State:	by given: lest Virginia Code § 22-6A-16(b), notice is hereby given oner's land for the purpose of drilling a horizontal well WV		ows:  Easting	22000	4360607.42 516268.7
Pursuant to W the surface ow State: County:	by given: lest Virginia Code § 22-6A-16(b), notice is hereby given oner's land for the purpose of drilling a horizontal well WV Tyler	on the tract of land as foll  UTM NAD 83	ows:  Easting  Northing	22000	
Pursuant to W the surface ow  State: County: District:	by given:  lest Virginia Code § 22-6A-16(b), notice is hereby given  wher's land for the purpose of drilling a horizontal well   WV  Tyler  McElroy	on the tract of land as foll  UTM NAD 83  Publi	ows:  Easting	nt to enter upon	516268.7
Pursuant to W the surface ow State: County:	by given: lest Virginia Code § 22-6A-16(b), notice is hereby given oner's land for the purpose of drilling a horizontal well WV Tyler	on the tract of land as foll  UTM NAD 83  Publi	Easting Northing c Road Access:	nt to enter upon	516268.7 60/2
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori	by given: lest Virginia Code § 22-6A-16(b), notice is hereby given year's land for the purpose of drilling a horizontal well   WV Tyler McElroy Shirley Morrison Run of McElroy Creek	on the tract of land as foll  UTM NAD 83  Publi  Generally us  de the name, address, tele ne operator's authorized re the WV Department of Er	Easting	vivia available, nal information on headquarters,	516268.7 60/2
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori	by given:  Jest Virginia Code § 22-6A-16(b), notice is hereby given and for the purpose of drilling a horizontal well words and for the purpose of drilling a horizontal well words and for the purpose of drilling a horizontal well words and Elroy Tyler McElroy Shirley Morrison Run of McElroy Creek  Jest Virginia Code § 22-6A-16(b), this notice shall include:  Jest 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 57th Street, SE, Charleston, WV 25304 (304-926-045)	on the tract of land as foll  UTM NAD 83  Publi  Generally us  de the name, address, tele ne operator's authorized re the WV Department of Er	Easting	vivia available, nal information on headquarters,	516268.7 60/2
Pursuant to W the surface ow  State: County: District: Quadrangle: Watershed:  This Notice Sh Pursuant to W facsimile numl related to hori located at 601	by given:  Jest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well well and for the purpose of drilling a horizontal well work and for the purpose of drilling a horizontal well work and Elroy Tyler McElroy Shirley Morrison Run of McElroy Creek  Jest Virginia Code § 22-6A-16(b), this notice shall include:  Jest Virginia Code § 22-6A-16(b), this notice shall include and electronic mail address of the operator and the izontal drilling may be obtained from the Secretary, at 57th Street, SE, Charleston, WV 25304 (304-926-045) by given by:  EQT Production Company	on the tract of land as foll  UTM NAD 83  Publi  Generally us  de the name, address, tele ne operator's authorized re the WV Department of Er	Easting Northing c Road Access: ed farm name: ephone number, and if epresentative. Addition avironmental Protection wv.gov/oil-and-gas/pa	vivia  available, nal information on headquarters, ges/default.aspx	516268.7 60/2 n J Wells et al
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori located at 601 Notice is here	by given:  Jest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well with the purpose of the purpose of the purpose of the purpose of the operator and the purpose of the operator and the purpose of the purpose o	on the tract of land as foll  UTM NAD 83  Publi Generally us  de the name, address, tele ne operator's authorized re the WV Department of Er  O) or by visiting www.dep.v	Easting Northing c Road Access: ed farm name: ephone number, and if epresentative. Addition avironmental Protection wv.gov/oil-and-gas/pa	Vivia  available, nal information on headquarters, ges/default.aspx	516268.7 60/2 n J Wells et al Victoria Roa
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed:  This Notice Sh Pursuant to W facsimile numl related to hori located at 601  Notice is here! Well Operator:	by given:  lest Virginia Code § 22-6A-16(b), notice is hereby given yner's land for the purpose of drilling a horizontal well with the purpose of the purpose of the purpose of the purpose of the operator and the purpose of the operator and the purpose of the purpose o	on the tract of land as foll  UTM NAD 83  Publi Generally us  de the name, address, tele ne operator's authorized re the WV Department of Er O) or by visiting www.dep.v  Authorized Representat Address:	Easting Northing c Road Access: ed farm name: ephone number, and if epresentative. Addition avironmental Protection wv.gov/oil-and-gas/pa	vivia  available, nal information on headquarters, ges/default.aspx	Victoria Roade Plo Box 2
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed:  This Notice Sh Pursuant to W facsimile numl related to hori located at 601  Notice is here! Well Operator:	by given:  lest Virginia Code § 22-6A-16(b), notice is hereby given yner's land for the purpose of drilling a horizontal well with the purpose of the operator and the purpose of	On the tract of land as foll  UTM NAD 83  Publi  Generally us  de the name, address, tele ne operator's authorized re the WV Department of Er  O) or by visiting www.dep.v	Easting Northing c Road Access: ed farm name: ephone number, and if epresentative. Addition avironmental Protection wv.gov/oil-and-gas/pa	Vivia  available, nal information on headquarters, ges/default.aspx  115 Professional El	Victoria Roade Plo Box 2018 204-848-00
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed:  This Notice Sh Pursuant to W facsimile numl related to hori located at 601  Notice is here Well Operator: Address:	by given:  lest Virginia Code § 22-6A-16(b), notice is hereby given yner's land for the purpose of drilling a horizontal well with the purpose of the purpose of the purpose of the purpose of the operator and the purpose of the operator and the purpose of the purpose o	on the tract of land as foll  UTM NAD 83  Publi Generally us  de the name, address, tele ne operator's authorized re the WV Department of Er O) or by visiting www.dep.v  Authorized Representat Address:	Easting Northing c Road Access: ed farm name: ephone number, and if epresentative. Addition avironmental Protection wv.gov/oil-and-gas/pa	Vivia  available, nal information on headquarters, ges/default.aspx  115 Professional El	Victoria Roade Plo Box 2

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 being managed Protection 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.

# 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	Requirement: Notice shall be provided at least TEN (10)	days prior to filing a peri	nit application.		
Date of Notice			4/27/2015		
Delivery meth	nod pursuant to West Virginia Code § 22-6A-16(b)				
	HAND CERTI	FIED MAIL RETURN	i		
	DELIVERY TRECE	IPT REQUESTED	4709	502256	
receipt reques drilling a horiz of this subsect subsection ma	V. Va. Code § 22-6A-16(b), at least ten days prior to filin sted or hand delivery, give the surface owner notice of contal well: Provided, That notice given pursuant to subtion as of the date the notice was provided to the surfacy be waived in writing by the surface owner. The notice, facsimile number and electronic mail address of the	its intent to enter upon the esection (a), section ten of ice owner: Provided, how ie, if required, shall includ	ne surface owner's l f this article satisfies ever, That the notice e the name, address	and for the purpose of the requirements e requirements of this s, telephone number,	
	by provided to the SURFACE OWNER(s):	Name:		Constanting	- 2
Name: Address:	Richard E Hansen 1043 Low Gap Road	/Address:		Joyce K Hill 88 Arvilla Road	/
		/ Hudi Caa.		OU AI VIIIa ITUBA	
<b>Notice is here</b> Pursuant to W	Wilburn WV 26459	that the undersigned we		Bens Run WV 26146	
<b>Notice is here</b> Pursuant to W the surface ov	Wilburn WV 26459  by given:  /est Virginia Code § 22-6A-16(b), notice is hereby given  wner's land for the purpose of drilling a horizontal well  WV	that the undersigned we	lows:  Easting		4360607.42
Notice is here Pursuant to W the surface ov State: County:	Wilburn WV 26459  Seby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wner's land for the purpose of drilling a horizontal well  WV  Tyler	that the undersigned we on the tract of land as fol UTM NAD 83	lows:  Easting  Northing		516268.7
Notice is here Pursuant to W the surface ov State: County: District:	Wilburn WV 26459  by given:  /est Virginia Code § 22-6A-16(b), notice is hereby given  wner's land for the purpose of drilling a horizontal well  WV  Tyler  McElroy	that the undersigned we on the tract of land as fol UTM NAD 83	Easting Northing ic Road Access:	tent to enter upon	516268.7 60/2
<b>Notice is here</b> Pursuant to W	Wilburn WV 26459  Seby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wner's land for the purpose of drilling a horizontal well  WV  Tyler	that the undersigned we on the tract of land as fol UTM NAD 83	lows:  Easting  Northing	tent to enter upon	516268.7
Notice is here Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hor	Wilburn WV 26459  Aby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well  WV  Tyler  McElroy  Shirley  Morrison Run of McElroy Creek	that the undersigned we on the tract of land as fol UTM NAD 83 Publ Generally us de the name, address, tele e operator's authorized ruthe WV Department of E	Easting Northing ic Road Access: ed farm name: ephone number, and epresentative. Addit	tent to enter upon  Vivia d if available, cional information ction headquarters,	516268.7 60/2
Notice is here Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hor located at 601	wilburn WV 26459  Leby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well   WV Tyler McElroy Shirley  Morrison Run of McElroy Creek  Lest Virginia Code § 22-6A-16(b), this notice shall include the shall address of the operator and the cizontal drilling may be obtained from the Secretary, at 1.57th Street, SE, Charleston, WV 25304 (304-926-0450)	that the undersigned we on the tract of land as fol UTM NAD 83 Publ Generally us de the name, address, tele e operator's authorized ruthe WV Department of E	Easting Northing ic Road Access: ed farm name: ephone number, and epresentative. Addit	tent to enter upon  Vivia d if available, cional information ction headquarters,	516268.7 60/2 an J Wells et al
Notice is here Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hor	Wilburn WV 26459  Leby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well   WV Tyler McElroy Shirley  Morrison Run of McElroy Creek  Lest Virginia Code § 22-6A-16(b), this notice shall include the set virginia Code § 22-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall included the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set virginia Code § 25-6A-16(b), this notice shall include the set	that the undersigned we on the tract of land as fol UTM NAD 83 Publ Generally us de the name, address, tele e operator's authorized ruthe WV Department of E	Easting Northing ic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protective. gov/oil-and-gas/	d if available, tional information trion headquarters, pages/default.aspx	516268.7 60/2 an J Wells et al
Notice is here Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hor located at 601 Notice is here Well Operator:	Wilburn WV 26459  Peby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well  WV Tyler McElroy Shirley  Morrison Run of McElroy Creek  Pest Virginia Code § 22-6A-16(b), this notice shall include:  Pest Virginia Code § 22-6A-16(b), this notice shall include beer and electronic mail address of the operator and the izontal drilling may be obtained from the Secretary, at 1.57th Street, SE, Charleston, WV 25304 (304-926-0450)  Peby given by:  EQT Production Company 115 Professional Place, P.O Box 280	that the undersigned we on the tract of land as fol UTM NAD 83  Publ Generally used the name, address, teles operator's authorized rethe WV Department of Ed) or by visiting www.dep.	Easting Northing ic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protective. gov/oil-and-gas/	tent to enter upon  Vivia  d if available, tional information tion headquarters, pages/default.aspx	516268.7 60/2 an J Wells et al Victoria Roar lace, P.O Box 28
Notice is here Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hor located at 601 Notice is here Well Operator: Address:	wilburn WV 26459  Leby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well WV  Tyler  McElroy  Shirley  Morrison Run of McElroy Creek  Mest Virginia Code § 22-6A-16(b), this notice shall include where and electronic mail address of the operator and the fizontal drilling may be obtained from the Secretary, at 1.57th Street, SE, Charleston, WV 25304 (304-926-0450)  Leby given by:  EQT Production Company  115 Professional Place, P.O Box 280  Bridgeport, WV 26330	that the undersigned we on the tract of land as fol UTM NAD 83  Publ Generally used the name, address, tele e operator's authorized return the WV Department of Electric or by visiting www.dep.  Authorized Represental Address:	Easting Northing ic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protective. gov/oil-and-gas/	tent to enter upon  Vivia  d if available, cional information ction headquarters, pages/default.aspx  115 Professional P	Victoria Roar lace, P.O Box 28
Notice is here Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hor located at 601 Notice is here Well Operator: Address:	wilburn WV 26459  Leby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well WV  Tyler  McElroy  Shirley  Morrison Run of McElroy Creek  Mest Virginia Code § 22-6A-16(b), this notice shall include where and electronic mail address of the operator and the dizontal drilling may be obtained from the Secretary, at 1.57th Street, SE, Charleston, WV 25304 (304-926-0450)  Eby given by:  EQT Production Company  115 Professional Place, P.O Box 280  Bridgeport, WV 26330  304-848-0076	that the undersigned we on the tract of land as fol UTM NAD 83  Publ Generally us de the name, address, tele e operator's authorized rethe WV Department of Ello or by visiting www.dep.  Authorized Representat Address:	Easting Northing ic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protective. gov/oil-and-gas/	Vivial dif available, cional information trion headquarters, pages/default.aspx	Victoria Roar lace, P.O Box 28
Notice is here Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile num related to hor located at 601 Notice is here Well Operator: Address:	wilburn WV 26459  Leby given:  Vest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well WV  Tyler  McElroy  Shirley  Morrison Run of McElroy Creek  Mest Virginia Code § 22-6A-16(b), this notice shall include where and electronic mail address of the operator and the fizontal drilling may be obtained from the Secretary, at 1.57th Street, SE, Charleston, WV 25304 (304-926-0450)  Leby given by:  EQT Production Company  115 Professional Place, P.O Box 280  Bridgeport, WV 26330	that the undersigned we on the tract of land as fol UTM NAD 83  Publ Generally used the name, address, tele e operator's authorized return the WV Department of Electric or by visiting www.dep.  Authorized Represental Address:	Easting Northing ic Road Access: sed farm name: ephone number, and epresentative. Addit nvironmental Protective. gov/oil-and-gas/	Vivisition of Oil and	Victoria Roar lace, P.O Box 28 deport, WV 2633 deport, WV 2633 deport, WV 2633 deport, WV 2633

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

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to receipt requested or hand delivery, give the surface owner notice drilling a horizontal well: Provided, That notice given pursuant to of this subsection as of the date the notice was provided to the subsection may be waived in writing by the surface owner. The n	e of its intent to enter upon the subsection (a), section ten of t	surface owner's land for	
Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to receipt requested or hand delivery, give the surface owner notice drilling a horizontal well: Provided, That notice given pursuant to of this subsection as of the date the notice was provided to the subsection may be waived in writing by the surface owner. The n	filing a permit application, an c e of its intent to enter upon the subsection (a), section ten of t	surface owner's land for	
receipt requested or hand delivery, give the surface owner notice drilling a horizontal well: Provided, That notice given pursuant to of this subsection as of the date the notice was provided to the subsection may be waived in writing by the surface owner. The n	e of its intent to enter upon the subsection (a), section ten of t	surface owner's land for	
and if available, facsimile number and electronic mail address of	otice, if required, shall include	ver, That the notice requi the name, address, telep	rements of this hone number,
Notice is hereby provided to the SURFACE OWNER(s):  Name: Terry J Cumberled	ge / Name:		Allen Dela Ferench
Name: Terry J Cumberled Address: 1384 Pratts Run Ro			Allen Dale Fornash 17 Bachelor Rd NW
Alma WV 263.	<del></del>		nesburg OH 44688
tate: WV County: Tyler District: McElroy		Northing Road Access:	516268.7 60/2
Quadrangle: Shirley Watershed: Morrison Run of McElroy Creek	Generally used	d farm name:	Vivian J Wells et al
Pursuant to West Virginia Code § 22-6A-16(b), this notice shall in acsimile number and electronic mail address of the operator and elated to horizontal drilling may be obtained from the Secretary	d the operator's authorized rep , at the WV Department of Env	oresentative. Additional in vironmental Protection he	nformation eadquarters,
This Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(b), this notice shall in Facsimile number and electronic mail address of the operator and related to horizontal drilling may be obtained from the Secretary ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0 Notice is hereby given by:	d the operator's authorized rep , at the WV Department of Env	oresentative. Additional in vironmental Protection he	nformation eadquarters,
Pursuant to West Virginia Code § 22-6A-16(b), this notice shall in acsimile number and electronic mail address of the operator and elated to horizontal drilling may be obtained from the Secretary ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0 Notice is hereby given by:  Vell Operator:  EQT Production Compar	d the operator's authorized rep r, at the WV Department of Env (450) or by visiting www.dep.w (17) Authorized Representative	oresentative. Additional in vironmental Protection he v.gov/oil-and-gas/pages/ e:	nformation eadquarters, default.aspx Victoria Roark
Pursuant to West Virginia Code § 22-6A-16(b), this notice shall in acsimile number and electronic mail address of the operator and elated to horizontal drilling may be obtained from the Secretary ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0 Notice is hereby given by:    Vell Operator:	d the operator's authorized rep , at the WV Department of Env (450) or by visiting www.dep.w (150) Authorized Representative (150) Address:	oresentative. Additional in vironmental Protection he v.gov/oil-and-gas/pages/ e:	oformation eadquarters, default.aspx Victoria Roark 5 Professional Place, P.O. Box 280
Pursuant to West Virginia Code § 22-6A-16(b), this notice shall in acsimile number and electronic mail address of the operator and elated to horizontal drilling may be obtained from the Secretary ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0 Notice is hereby given by:  Well Operator:  EQT Production Compared Middless:  115 Professional Place, P.O Box 28 Bridgeport, WV 2633	d the operator's authorized rep r, at the WV Department of Env r450) or by visiting www.dep.w r r r r r r r r r r r r r r r r r r r	oresentative. Additional in vironmental Protection he v.gov/oil-and-gas/pages/ e:	oformation eadquarters, default.aspx  Victoria Roark 5 Professional Place, P. O. Box 280  Bridgenhif WV 26130
Pursuant to West Virginia Code § 22-6A-16(b), this notice shall in acsimile number and electronic mail address of the operator and related to horizontal drilling may be obtained from the Secretary ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0 Notice is hereby given by:  Well Operator:  EQT Production Comparing 115 Professional Place, P.O Box 28 Bridgeport, WV 2633 (1919) (19	d the operator's authorized rep r, at the WV Department of Env r450) or by visiting www.dep.w r17 Authorized Representativ r180 Address: r180 Telephone:	oresentative. Additional in vironmental Protection he v.gov/oil-and-gas/pages/ e:	Victoria Roark 5 Professional Place, P.O. Box 280 Bridgeport, WV 25230
Pursuant to West Virginia Code § 22-6A-16(b), this notice shall in acsimile number and electronic mail address of the operator and elated to horizontal drilling may be obtained from the Secretary ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0 Notice is hereby given by:    Vell Operator:	d the operator's authorized rep r, at the WV Department of Env r450) or by visiting www.dep.w rep	oresentative. Additional in vironmental Protection he v.gov/oil-and-gas/pages/ e:	oformation eadquarters, default.aspx Victoria Roark 5 Professional Place, P.O. Box 280

needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office Wironmental 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	4/17/2015	Date Permit Appl	ication Filed:	4/27/2015		
Delivery meth	od pursuant to West Virginia Cod	e § 22-6A-16(b)				
	_ HAND	_ CERTIF	FIED MAIL RETURN PT REQUESTED			
	DELIVERY	RECEIF	PT REQUESTED			
receipt reques drilling a horize of this subsect subsection ma	f. Va. Code § 22-6A-16(b), at least to sted or hand delivery, give the surfa ontal well: Provided, That notice gi tion as of the date the notice was p by be waived in writing by the surfa e, facsimile number and electronic	ace owner notice of it iven pursuant to subst provided to the surfact ice owner. The notice,	s intent to enter upon the ection (a), section ten of e owner: Provided, howe , if required, shall include	e sufface owner's la this article satisfies ver, That the notice the name, address,	nd for the purpose of the requirements requirements of this telephone number,	
Notice is herel Name:	by provided to the SURFACE OWN		Name:		Course I Caracian	1.3
Address:		Donald E Bible Sr 2400 Millarton ST SE	Address:		Susan L Spencer HC 74 box 98	/
Audiess.		2400 Williarton ST SE	Address.			
Pursuant to W	<b>by given:</b> /est Virginia Code § 22-6A-16(b), no vner's land for the purpose of drilli			The state of the s	Alma WV 26320	
Pursuant to W the surface ow State:	est Virginia Code § 22-6A-16(b), no	otice is hereby given t ng a horizontal well o		Easting		4360607.42
Pursuant to W the surface ow State: County;	est Virginia Code § 22-6A-16(b), no	otice is hereby given t ng a horizontal well o WV Tyler	n the tract of land as folk	Easting		516268.7
Pursuant to W the surface ow State: County; District:	est Virginia Code § 22-6A-16(b), no	otice is hereby given to ng a horizontal well of WV Tyler McElroy	n the tract of land as folk UTM NAD 83 Public	Easting	ent to enter upon	516268.7 60/2
Pursuant to W the surface ow State: County: District: Quadrangle:	est Virginia Code § 22-6A-16(b), no	otice is hereby given to ng a horizontal well on WV Tyler McElroy Shirley	n the tract of land as folk UTM NAD 83 Public	Easting	ent to enter upon	516268.7
the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori	est Virginia Code § 22-6A-16(b), no vner's land for the purpose of drilli Morrison Run of McElroy Cre	wy Tyler McElroy Shirley eek	UTM NAD 83  Public  Generally use  the name, address, telepoperator's authorized reports to the company of the company of the the the the the company of the	Easting Northing Road Access: ad farm name: bhone number, and presentative. Additivironmental Protect	ent to enter upon  Vivial  if available,  onal information  ion headquarters,	516268.7 60/2
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori located at 601	Morrison Run of McElroy Cranal Include:  Vest Virginia Code § 22-6A-16(b), not when the purpose of drilling and leading the purpose of drilling and leading the purpose of drilling may be obtained from the purpose of drilling of drilli	wy Tyler McElroy Shirley eek	UTM NAD 83  Public  Generally use  the name, address, telepoperator's authorized reports to the company of the company of the the the company of the the the the company of the	Easting Northing Road Access: ad farm name: bhone number, and presentative. Additivironmental Protect	ent to enter upon  Vivial  if available,  onal information  ion headquarters,	516268.7 60/2
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori	Morrison Run of McElroy Creat Virginia Code § 22-6A-16(b), no vner's land for the purpose of drilling Morrison Run of McElroy Creat Include:  Vest Virginia Code § 22-6A-16(b), the ber and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25 by given by:	wy Tyler McElroy Shirley eek	UTM NAD 83  Public  Generally use  the name, address, telepoperator's authorized reports to the company of the company of the the the company of the the the the company of the	Easting Northing Road Access: Ed farm name: Chone number, and presentative. Additivironmental Protect	ent to enter upon  Vivial  if available,  onal information  ion headquarters,	516268.7 60/2
Pursuant to W the surface ow State: County; District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori located at 601 Notice is herel Well Operator:	Morrison Run of McElroy Craver's land for the purpose of drilling Morrison Run of McElroy Craver Virginia Code § 22-6A-16(b), the ber and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25th Street S	wv Tyler McElroy Shirley eek  is notice shall include the operator and the om the Secretary, at the 5304 (304-926-0450) of the operator and the same the Secretary, at the same the Secretary, at the same th	UTM NAD 83  Public  Generally use  the name, address, telep operator's authorized rep he WV Department of Envor by visiting www.dep.w	Easting Northing Road Access: Ed farm name: Chone number, and presentative. Additivironmental Protect	ent to enter upon  Vivial  if available,  onal information  ion headquarters,	516268.7 60/2 n J Wells et al Victoria Ro
Pursuant to W the surface ow State: County; District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori located at 601 Notice is herel Well Operator:	Morrison Run of McElroy Craver's land for the purpose of drilling Morrison Run of McElroy Craver Virginia Code § 22-6A-16(b), the ber and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25th Street S	wv Tyler McElroy Shirley eek	UTM NAD 83  Public Generally use the name, address, telep operator's authorized rep he WV Department of Env or by visiting www.dep.w	Easting Northing Road Access: Ed farm name: Chone number, and presentative. Additivironmental Protect	vivial  if available, onal information ion headquarters, ages/default.aspx  115 Professional Pla	Victoria Ro ace, P.O Box
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori located at 601 Notice is herel Well Operator: Address:	Morrison Run of McElroy Cravall Include:  Yest Virginia Code § 22-6A-16(b), not when the purpose of drilling the purpose of drilling management of the purpose of drilling management of the purpose of drilling management of the purpose of drilling management of the purpose	wv Tyler McElroy Shirley eek  is notice shall include the operator and the sm the Secretary, at the 5304 (304-926-0450) of the operator and the sm the Secretary, at the same	UTM NAD 83  Public Generally use the name, address, telep operator's authorized rep he WV Department of Env or by visiting www.dep.w	Easting Northing Road Access: Ed farm name: Chone number, and presentative. Additivironmental Protect	vivial  if available, onal information ion headquarters, ages/default.aspx  115 Professional Pli	Victoria Roace, P.O Box 3
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Sh Pursuant to W facsimile numl related to hori located at 601 Notice is herel	Morrison Run of McElroy Cravall Include:  Yest Virginia Code § 22-6A-16(b), not when the purpose of drilling the purpose of drilling management of the purpose of drilling management of the purpose of drilling management of the purpose of drilling management of the purpose	wv Tyler McElroy Shirley eek  is notice shall include the operator and the sm the Secretary, at the 5304 (304-926-0450) of the operator and the sm the Secretary, at the same the secretary of th	UTM NAD 83  Public Generally uses the name, address, telepore to by visiting www.dep.w.  Authorized Representative Address:	Easting Northing Road Access: Ed farm name: Chone number, and presentative. Additivironmental Protect	vivial  if available, onal information ion headquarters, ages/default.aspx  115 Professional Pli	Victoria Ro ace, P.O Box

#### 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 Minimental 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.

WW-6A5
(1/12)

514464

#### STATE OF WEST VIRGINIA

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

	equirement: notice shall be provid				Posses-in-		
Date of Notice	APP 9 7 2011	6	te Permit Appl	cation Filed:	APR 9	7 7016	
Delivery methor	od pursuant to West Virginia Cod	de § 22-6A-1	.6(c)			7 2013	
	FIED MAIL RN RECEIPT REQUESTED	HAND DELIV					
return receipt re the planned ope required to be pi drilling of a horiz damages to the s (d) The notices re of notice.	Va. Code § 22-6A-16(c), no later than to equested or hand delivery, give the subsection. The notice required by this subsection (b), section tention and well; and (3) A proposed surfact surface affected by oil and gas operative equired by this section shall be given a provided to the SURFACE OWNER(s)	urface owner vubsection shall in of this article ce use and contions to the expect to the surface	whose land will b I include: (1) A co e to a surface ow mpensation agree stent the damage e owner at the ac	e used for the drill py of this code sec ner whose land wil ement containing a s are compensable	ing of a horizont tion; (2) The info Il be used in conj an offer of compe e under article six	al well notice of ormation unction with the ensation for c-b of this chapter.	
	isted in the records of the sheriff at th					2	lucies.
Name:		Vivian Janice W				George Bir	
Address:	equile 1	1814 Oil Ridge R	Road Addres	S:		121 Oxfc	ord St
Pursuant to Wes	Sis	stersville WV 26	en that the under			Sistersville WV	26175
operation on the State: County:	Sist / <b>given:</b> st Virginia Code § 22-6A-16(c), notice i	is hereby give se of drilling a l WV Tyler	en that the under horizontal well o UTM NAD 83	n the tract of land Easting: Northing:		d a planned 4,360,589.15 516,269.14	0000
Pursuant to Wes operation on the State: County: District:	Sist / <b>given:</b> st Virginia Code § 22-6A-16(c), notice i	is hereby give se of drilling a l WV Tyler McElroy	en that the under horizontal well o UTM NAD 83 Public Road Acc	the tract of land Easting: Northing: ess:		d a planned 4,360,589.15 516,269.14	0000 0000 60/2
Pursuant to Wes operation on the State:	Sist / <b>given:</b> st Virginia Code § 22-6A-16(c), notice i	is hereby give se of drilling a l WV Tyler McElroy	en that the under horizontal well o UTM NAD 83	the tract of land Easting: Northing: ess:		d a planned 4,360,589.15 516,269.14	0000 0000 60/2
Pursuant to Westoperation on the State: County: District: Quadrangle: Watershed: Pursuant to Westo be provided by	Sist Virginia Code § 22-6A-16(c), notice is esurface owner's land for the purpose Morrison Run of McElroy Creek  Il Include: St Virginia Code § 22-6A-16(c), this not by W. Va. Code § 22-6A-10(b) to a surface did and (3) A proposed surface use and coby oil and gas operations to the extented to horizontal drilling may be obtained at 601 57th Street, SE, Charlest Spx.  EQT Production Company	is hereby give se of drilling a lead of the second of the	en that the under horizontal well o UTM NAD 83  Public Road Acc Generally used to the second will be agreement contact as are compensate Secretary, at the 4 (304-926-0450)	the tract of land Easting: Northing: ess: erm name:  this code section; used in conjunction ining an offer of coole under article size WV Department or by visiting www.	(2) The information with the drillinompensation for x-b of this chapte of Environmenta w.dep.wv.gov/oi	4,360,589.15 516,269.14  Vivian J Wells  9 5 0 2 2 5 ion required ng of a damages to the er. Additional I Protection I-and-gas/	0000 0000 60/2 et al
Pursuant to West operation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West obe provided be provided by provi	Sist Virginia Code § 22-6A-16(c), notice is esurface owner's land for the purpose Morrison Run of McElroy Creek  Il Include: St Virginia Code § 22-6A-16(c), this not by W. Va. Code § 22-6A-10(b) to a surface did and (3) A proposed surface use and coby oil and gas operations to the extented to horizontal drilling may be obtained at 601 57th Street, SE, Charlest spx.	is hereby give se of drilling a lead of the second of the	en that the under horizontal well o UTM NAD 83  Public Road Acc Generally used to the company of those land will be agreement contains are compensate Secretary, at the 4 (304-926-0450)	the tract of land Easting: Northing: ess: erm name:  this code section; used in conjunction ining an offer of coole under article size WV Department or by visiting www.	(2) The information with the drillinompensation for x-b of this chapte of Environmenta w.dep.wv.gov/oi	4,360,589.15 516,269.14  Vivian J Wells  9 5 0 2 2 5 ion required ng of a damages to the er. Additional I Protection I-and-gas/	0000 0000 60/2 e et al

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 2 7 2015 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 contagnartment of DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A5
(1/12)

514464

#### STATE OF WEST VIRGINIA

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

	APR 2 7 2015	Date Permit App	date of permit application Filed:	APR 2 7 2015
Delivery meth	od pursuant to West Virginia Code § 22-	6A-16(c)		
7		AND ELIVERY		
return receipt re the planned ope required to be p drilling of a hori: damages to the	'a. Code § 22-6A-16(c), no later than the date quested or hand delivery, give the surface ov ration. The notice required by this subsection rovided by subsection (b), section ten of this contal well; and (3) A proposed surface use an surface affected by oil and gas operations to the sequired by this section shall be given to the sequired by the sequired by this section shall be given to the sequired by the sequired by this section shall be given to the sequired by the sequired b	vner whose land will in shall include: (1) A carticle to a surface over the compensation agreated the damage the extent the damage the carticle.	be used for the drilling of opy of this code section; ( wner whose land will be use eement containing an offe es are compensable unde	a horizontal well notice of 2) The information sed in conjunction with the or of compensation for r article six-b of this chapter.
	provided to the SURFACE OWNER(s)			
	sted in the records of the sheriff at the time of	of notice):		
Name:		oina Pasko Name		Clifford Haug
Address:	18 East Brunswick	3 Jensen St Addre	255:	3894 Cellar Ck Rd Blackstone VA 23824
District:	McElro		Self-villed.	CO/2
Watershed:  This Notice Shal  Pursuant to Westo be provided by the provided be provided by the provide	Shirle  Morrison Run of McElroy Creek  Include: t Virginia Code § 22-6A-16(c), this notice shal y W. Va. Code § 22-6A-10(b) to a surface own and (3) A proposed surface use and compensa by oil and gas operations to the extent the da	y Generally used I include: (1)A copy o ner whose land will b ation agreement cont amages are compensa	farm name:  f this code section; (2) The e used in conjunction with taining an offer of comper able under article six-b of	n the drilling of a nsation for damages to the tris chapter. Additional
to be provided b horizontal well; surface affected information rela	Shirle Morrison Run of McElroy Creek  Include: t Virginia Code § 22-6A-16(c), this notice shal y W. Va. Code § 22-6A-10(b) to a surface own and (3) A proposed surface use and compensa by oil and gas operations to the extent the da ted to horizontal drilling may be obtained fro cated at 601 57th Street, SE, Charleston, WV	Generally used I include: (1)A copy oner whose land will be ation agreement contamages are compensate the Secretary, at the	farm name:  f this code section; (2) The e used in conjunction with taining an offer of comper able under article siz-b of the WV Department of Env	Vivian J Wells et al e information required the drilling of a sation for damages to the tris chapter. Additional
Watershed:  This Notice Shale Pursuant to West to be provided by morizontal well; surface affected information relanceadquarters, longes/default.as	Shirle Morrison Run of McElroy Creek  Include: t Virginia Code § 22-6A-16(c), this notice shall y W. Va. Code § 22-6A-10(b) to a surface own and (3) A proposed surface use and compensa by oil and gas operations to the extent the da ted to horizontal drilling may be obtained fro cated at 601 57th Street, SE, Charleston, WV px.	Generally used I include: (1)A copy of the	f this code section; (2) The e used in conjunction with taining an offer of comper able under article six-bof the WV Department of Env 0) or by visiting www.dep.	Vivian J Wells et al e information required the drilling of a station for damages to the tris chapter. Additional ironmental Protection wv.gov/oil-and-gas/
Watershed:  This Notice Shal  Pursuant to Westo be provided be horizontal well; surface affected information related beadquarters, lopages/default.as  Well Operator: Telephone:	Shirle Morrison Run of McElroy Creek  Include: t Virginia Code § 22-6A-16(c), this notice shal y W. Va. Code § 22-6A-10(b) to a surface own and (3) A proposed surface use and compensa by oil and gas operations to the extent the da ted to horizontal drilling may be obtained fro cated at 601 57th Street, SE, Charleston, WV px.  EQT Production Company 304-848-0082	Generally used  I include: (1)A copy of the copy of th	f this code section; (2) The e used in conjunction with taining an offer of comperable under article six-b of the WV Department of Env D) or by visiting www.dep.	Vivian J Wells et al e information required the drilling of a station for damages to the this chapter. Additional ironmental Protection wv.gov/oil-and-gas/
Watershed:  This Notice Shal  Pursuant to Westo be provided be provided be provided be provided by the provide	Shirle Morrison Run of McElroy Creek  Include: t Virginia Code § 22-6A-16(c), this notice shal y W. Va. Code § 22-6A-10(b) to a surface owe and (3) A proposed surface use and compensa by oil and gas operations to the extent the da ted to horizontal drilling may be obtained fro cated at 601 57th Street, SE, Charleston, WV px.	Generally used  I include: (1)A copy of the copy of th	f this code section; (2) The e used in conjunction with taining an offer of comperable under article six-b of the WV Department of Env D) or by visiting www.dep.	Vivian J Wells et al e information required the drilling of a station for damages to the this chapter. Additional ironmental Protection wv.gov/oil-and-gas/

WW-6A5
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#### STATE OF WEST VIRGINIA

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

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

Date of N	lotice:	Date Pe	ermit Appli	cation Filed:	APR 9 7 2015
Delivery r	method pursuant to West Virginia code §	22-6A-16(c)			2 / 2010
	ERTIFIED MAIL ETURN RECEIPT REQUESTED	HAND HAND	<b>Y</b>		
return rece the planne required to drilling of a damages to	o W. Va. Code § 22-6A-16(c), no later than the ceipt requested or hand delivery, give the surface of operation. The notice required by this subsect of the provided by subsection (b), section ten of the ahorizontal well; and (3) A proposed surface used the surface affected by oil and gas operations tices required by this section shall be given to the	e owner whose tion shall inclu his article to a e and compen to the extent	e land will be ude: (1) A cop surface own sation agree the damages	e used for the dril by of this code se her whose land wi ment containing s are compensabl	ling of a horizontal well notice of ction; (2) The information Il be used in conjunction with the an offer of compensation for e under article six-b of this chapter.
	ereby provided to the SURFACE OWNER(s)				
	dress listed in the records of the sheriff at the tir		1		6
Name: Address:		mothy M Haug Cellar Creek Rd	Name:		Benjamin A Haug 3890 Cellar Ck Rd
Addicas.		one VA 23824	Addies.		Blackstone VA 23824
	o West Virginia Code § 22-6A-16(c), notice is he on the surface owner's land for the purpose of o	drilling a horiz			
County:		Tyler		Northing:	516,269.140000
District:			ic Road Acce	-	60/2
Quadrangle Watershed		irley Gen	erally used fa	arm name:	Vivian J Wells et al
Pursuant to to be provi horizontal surface affi informatio	e Shall Include:  o West Virginia Code § 22-6A-16(c), this notice is ided by W. Va. Code § 22-6A-10(b) to a surface well; and (3) A proposed surface use and composed by oil and gas operations to the extent the prelated to horizontal drilling may be obtained ers, located at 601 57th Street, SE, Charleston, Vallt.aspx.	owner whose ensation agree e damages are from the Seco	land will be ement contain compensab etary, at the	used in conjuncti ining an offer of c le under article s WV Department	on with the drilling of a ompensation for damages to the ix-b of this chapter. Additional of Environmental Protection
Ve					Marine State of Control
Well Opera	ator: EQT Production Company		Address:	115 Professional	Place, P.O. Box 280
	204 040 0002		Duidage	M/ 36330	
Telephone Email:	304-848-0082 vroark@egt.com		Bridgeport, \ Facsimile:	VV 26330 304-848-0040	

The Office of Oil and Gas Privacy Notice:

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

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#### STATE OF WEST VIRGINIA

### DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

	NOTICE OF			75.67				
	Requirement: notice shall be provided no I	ater than the	e filing da	ite of permit ap	plication.			
ate of Notic	e: <u>APR 2 7 2015</u>	Date Perm	it Applic	ation Filed:	_			
elivery metl	nod pursuant to West Virginia Code § 22-	5A-16(c)			APR	27	2015	
		AND						
REIC	JRN RECEIPT REQUESTED DI	ELIVERY						
eturn receipt r ne planned op equired to be rilling of a hor amages to the	Va. Code § 22-6A-16(c), no later than the date requested or hand delivery, give the surface ow eration. The notice required by this subsection provided by subsection (b), section ten of this a izontal well; and (3) A proposed surface use an esurface affected by oil and gas operations to the surface by this section shall be given to the surface.	ner whose lai shall include: irticle to a sur d compensati he extent the	nd will be (1) A cop face owne on agreen damages	used for the drilli y of this code sect r whose land will nent containing a are compensable	ng of a horiz tion; (2) The be used in n offer of co under artic	inform inform conjun impens le six-b	well notice of nation ction with the sation for of this chapter.	
atica is basab	us provided to the SUBFACE OWNER(a)							
	y provided to the SURFACE OWNER(s) listed in the records of the sheriff at the time o	f notice).						
at the address lame:		kubowski	Name:				Theodore Jackub	ount:
ddress:	158 Baumg		Address:				1212 Kels	
	Willow St		Address	_			Windmere FL	
	31/1/21/		-				TVIII dillicite i E	34760
County: District:	Tylei McElroy	-	oad Acces	Northing: s:			516,269.14	40000 60/2
ustrict: Quadrangle:		T-0		_			10: 2 1316 - H	
Vatershed:	Morrison Run of McElroy Creek	General	ly used fa	m name:			Vivian J Well	s et al
rateraneu,	Morrison Nati of McEliby Creek							-
his Notice Sha	Il Include:							
ursuant to We	st Virginia Code § 22-6A-16(c), this notice shall	include: (1)A	copy of the	is code section; (	2) The infor	mation	required	
o be provided	by W. Va. Code § 22-6A-10(b) to a surface own	er whose land	d will be u	sed in conjunction	n with the d	rilling	of a	
	and (3) A proposed surface use and compensa							
	d by oil and gas operations to the extent the da				1.0		Ph	
	ated to horizontal drilling may be obtained from			the second secon			- PT PT	
neadquarters, i pages/default.a	ocated at 601 57th Street, SE, Charleston, WV 2	25304 (304-9)	26-0450) (	or by visiting <u>www</u>	/.dep.wv.go	v/oil-ai	nd-gas/	
ages/ueraun.e	SPA.							
Vell Operator:	EQT Production Company	Add	ress:	L15 Professional F	Place, P.O. B	ox 280	Office O	
elephone:	304-848-0082		geport, W	The state of the s			Mich	SCA
mail:	vroark@eqt.com			304-848-0040			0	100
							10	01/2
il and Gas Pri	vacy Notice:						Ma ALB D	4
he Office of O	l and Gas processes your personal information	, such as nam	e, address	and telephone n	umber, as p	artof	our regulatory	2011
luties. Your pe	vacy Notice:  il and Gas processes your personal information,  rsonal information may be disclosed to other Siply with statutory or regulatory requirements,  ecure your personal information. If you have an  racy Officer at depprivacyofficer@wv.gov.	tate agencies	or third p	arties in the norm	al course of	busine	SON as COAL	13
needed to com	ply with statutory or regulatory requirements,	including Free	dom of Ir	formation Act red	quests. Our	office v	vill Physic	ner.
appropriately s	ecure your personal information. If you have ar	ny questions a	bout our	use or your perso	nal informa	tion, pl	ease contact	mile
JEP's Chief Priv	vacy Unicer at depprivacyofficer@wv.gov.							(ec)
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#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

#### NOTICE OF PLANNED OPERATION

	: ADD a m pour D	ate Permit Application Filed:	APR 2 7 2015
elivery meth	od pursuant to West Virginia Code § 22-6A-	16(c)	- AFR 2 7 2015
	FIED MAIL HAN RN RECEIPT REQUESTED DELI	VERY	
turn receipt re e planned ope quired to be p illing of a hori: mages to the	Va. Code § 22-6A-16(c), no later than the date for equested or hand delivery, give the surface owner tration. The notice required by this subsection sharovided by subsection (b), section ten of this artice and well; and (3) A proposed surface use and consurface affected by oil and gas operations to the equired by this section shall be given to the surface	whose land will be used for the d ill include: (1) A copy of this code s le to a surface owner whose land ompensation agreement containin extent the damages are compensa	rilling of a horizontal well notice of section; (2) The information will be used in conjunction with the g an offer of compensation for ble under article six-b of this chapter.
tice is hereby	provided to the SURFACE OWNER(s)		
the address I	isted in the records of the sheriff at the time of no	otice):	
me:	Louis Jackubov	wski Jr / Name:	Mary Jean Ross
ldress:	1922 Robinda	le Ave Address:	904 Truce Road
	Lancaster PA	17601	Holtwood PA 17532
	Macles	Public Road Access:	50/2
	McElroy Shirley	Generally used farm name:	60/2 Vivian J Wells et al
istrict: uadrangle: /atershed;			
uadrangle: atershed: als Notice Shal arsuant to Wes be provided b arizontal well; arface affected formation rela	Shirley Morrison Run of McElroy Creek  I Include: It Virginia Code § 22-6A-16(c), this notice shall include: If W. Va. Code § 22-6A-10(b) to a surface owner of and (3) A proposed surface use and compensation by oil and gas operations to the extent the damage ted to horizontal drilling may be obtained from the cated at 601 57th Street, SE, Charleston, WV 253	Generally used farm name: lude: (1)A copy of this code sectio whose land will be used in conjunc n agreement containing an offer or ges are compensable under article ne Secretary, at the WV Departme	Vivian J Wells et al  270950256  n; (2) The information required tion with the drilling of a f compensation for damages to the six-b of this chapter. Additional nt of Environmental Protection
is Notice Shal rsuant to Wes be provided b rizontal well; rface affected formation rela adquarters, lo ges/default.as	Shirley Morrison Run of McElroy Creek  I Include: It Virginia Code § 22-6A-16(c), this notice shall include: If W. Va. Code § 22-6A-10(b) to a surface owner of and (3) A proposed surface use and compensation by oil and gas operations to the extent the damage ted to horizontal drilling may be obtained from the cated at 601 57th Street, SE, Charleston, WV 253	Generally used farm name:  lude: (1)A copy of this code sectio whose land will be used in conjunc n agreement containing an offer o ges are compensable under article ne Secretary, at the WV Departme 04 (304-926-0450) or by visiting w	Vivian J Wells et al  4709502256  n; (2) The information required tion with the drilling of a f compensation for damages to the six-b of this chapter. Additional nt of Environmental Protection www.dep.wv.gov/oil-and-gas/
uadrangle: atershed; iis Notice Shale irsuant to Wes be provided be irizontal well; irface affected formation rela adquarters, lo ges/default.as ell Operator:	Shirley Morrison Run of McElroy Creek  I Include: It Virginia Code § 22-6A-16(c), this notice shall include; If W. Va. Code § 22-6A-10(b) to a surface owner wand (3) A proposed surface use and compensation by oil and gas operations to the extent the dama ted to horizontal drilling may be obtained from the cated at 601 57th Street, SE, Charleston, WV 253 spx.  EQT Production Company 304-848-0082	Generally used farm name:  lude: (1)A copy of this code sectio whose land will be used in conjunc n agreement containing an offer or ges are compensable under article ne Secretary, at the WV Departme 04 (304-926-0450) or by visiting w  Address: 115 Profession Bridgeport, WV 26330	Vivian J Wells et al  2709502256  n; (2) The information required tion with the drilling of a f compensation for damages to the six-b of this chapter. Additional nt of Environmental Protection www.dep.wv.gov/oil-and-gas/
adrangle: atershed: is Notice Shal rsuant to Wes be provided b rizontal well; face affected ormation rela adquarters, lo ges/default.as ell Operator: lephone: hail:	Shirley Morrison Run of McElroy Creek  I Include: It Virginia Code § 22-6A-16(c), this notice shall include; If W. Va. Code § 22-6A-10(b) to a surface owner of and (3) A proposed surface use and compensation by oil and gas operations to the extent the dama ated to horizontal drilling may be obtained from the cated at 601 57th Street, SE, Charleston, WV 253 spx.  EQT Production Company	Generally used farm name:  lude: (1)A copy of this code section whose land will be used in conjunct agreement containing an offer or ges are compensable under article the Secretary, at the WV Departme 04 (304-926-0450) or by visiting with Address:  Address:  Bridgeport, WV 26330 Facsimile: 304-848-0040	Vivian J Wells et al  A 7 0 9 5 0 2 2 5 6  In; (2) The information required ction with the drilling of a f compensation for damages to the esix-b of this chapter. Additional int of Environmental Protection www.dep.wv.gov/oil-and-gas/

WW-6A5	
(1/12)	

514464

#### STATE OF WEST VIRGINIA

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

Date of Notice		Date Permit Applic	ation Filed:		
	APR 2.7 2015		anon i neu.	APR 97	2015
Delivery methor	od pursuant to West Virginia Code § 22-6/	A-16(c)		2 1	2010
	FIED MAIL HAIRN RECEIPT REQUESTED DE	ND LIVERY			
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 equested or hand delivery, give the surface own eration. The notice required by this subsection so rovided by subsection (b), section ten of this argontal well; and (3) A proposed surface use and surface affected by oil and gas operations to the equired by this section shall be given to the sur	er whose land will be hall include: (1) A cop cicle to a surface own compensation agreer e extent the damages	used for the drilling of y of this code section or whose land will be nent containing an of are compensable und	of a horizontal v i; (2) The inform used in conjund ffer of compens der article six-b	well notice of nation ction with the sation for 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	notice):			
Name:	Susan	Buzzard / Name:			Sharon Graeff
Address:	21 Cherok	ee Road / Address			3217 Eisenbrown Rd
		1 11000	-		
Notice is hereby	Willow St PA	17584		as developed a	Reading PA 19605
Pursuant to Wes operation on the State:	Willow St PA If given: st Virginia Code § 22-6A-16(c), notice is hereby a e surface owner's land for the purpose of drilling WV	x 17584	gned well operator h the tract of land as fo Easting:		Reading PA 19605  planned  4,360,589.150000
Pursuant to Wes operation on the State: County:	Willow St P/ / given: st Virginia Code § 22-6A-16(c), notice is hereby a e surface owner's land for the purpose of drilling WV Tyler	given that the undersi g a horizontal well on UTM NAD 83	gned well operator h the tract of land as fo Easting: Northing:		Reading PA 19605  planned  4,360,589.150000  516,269.140000
Pursuant to Wes operation on the State: County: District:	Willow St P/ / given: st Virginia Code § 22-6A-16(c), notice is hereby personal surface owner's land for the purpose of drilling  WV  Tyler  McElroy	given that the undersi g a horizontal well on UTM NAD 83 Public Road Acce	gned well operator h the tract of land as fo Easting: Northing:		Reading PA 19605  planned  4,360,589.150000  516,269.140000  60/2
Pursuant to Wes operation on the State: County: District: Quadrangle:	Willow St P/ / given: st Virginia Code § 22-6A-16(c), notice is hereby per surface owner's land for the purpose of drilling  WV  Tyler  McElroy  Shirley	given that the undersi g a horizontal well on UTM NAD 83	gned well operator h the tract of land as fo Easting: Northing:		Reading PA 19605  planned  4,360,589.150000  516,269.140000
Pursuant to Wes operation on the State: County: District: Quadrangle:	Willow St P/ / given: st Virginia Code § 22-6A-16(c), notice is hereby personal surface owner's land for the purpose of drilling  WV  Tyler  McElroy	given that the undersi g a horizontal well on UTM NAD 83 Public Road Acce	gned well operator h the tract of land as fo Easting: Northing:		Reading PA 19605  planned  4,360,589.150000  516,269.140000  60/2
Pursuant to Wes operation on the State: County:	Willow St PA  If given: st Virginia Code § 22-6A-16(c), notice is hereby get surface owner's land for the purpose of drilling WV  Tyler  McElroy  Shirley  Morrison Run of McElroy Creek	given that the undersi g a horizontal well on UTM NAD 83 Public Road Acce	gned well operator h the tract of land as fo Easting: Northing:		Reading PA 19605  planned  4,360,589.150000  516,269.140000  60/2
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes	Willow St P/ / given: st Virginia Code § 22-6A-16(c), notice is hereby good surface owner's land for the purpose of drilling WV Tyler McElroy Shirley Morrison Run of McElroy Creek	given that the undersign a horizontal well on UTM NAD 83  Public Road Access Generally used fa	gned well operator h the tract of land as fo Easting: Northing: ss: rm name:	ollows:	Reading PA 19605  planned  4,360,589.150000  516,269.140000  60/2  Vivian J Wells et al
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided by	Willow St P/  If given: St Virginia Code § 22-6A-16(c), notice is hereby a surface owner's land for the purpose of drillin  WV  Tyler  McElroy  Shirley  Morrison Run of McElroy Creek  Il Include: St Virginia Code § 22-6A-16(c), this notice shall in by W. Va. Code § 22-6A-10(b) to a surface owne	given that the undersign a horizontal well on UTM NAD 83  Public Road Access Generally used fairnclude: (1)A copy of to the whose land will be to the second	gned well operator h the tract of land as for Easting: Northing: is: rm name: his code section; (2) a	ollows:  The information with the drilling of	Reading PA 19605  planned  4,360,589.150000  516,269.140000  60/2  Vivian J Wells et al
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided bhorizontal well;	Willow St P/  If given: St Virginia Code § 22-6A-16(c), notice is hereby good and surface owner's land for the purpose of drilling to the purpose of drillin	given that the undersign a horizontal well on UTM NAD 83  Public Road Accedence Generally used fair the company of the control on agreement contains.	gned well operator h the tract of land as for Easting: Northing: ss: rm name: his code section; (2) in sed in conjunction well	ollows:  The information with the drilling of	Reading PA 19605  planned  4,360,589.150000  516,269.140000  60/2  Vivian J Wells et all  required of a  magges to the
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided be horizontal well; surface affected	Willow St P/  y given: st Virginia Code § 22-6A-16(c), notice is hereby good and goo	given that the undersign a horizontal well on UTM NAD 83  Public Road Access Generally used fair whose land will be used agreement containages are compensab	gned well operator h the tract of land as for Easting: Northing: ss: rm name: his code section; (2) a sed in conjunction w ning an offer of compe	The information with the drilling of pensation for da of this chapter:	Planned  4,360,589.150000 516,269.140000 60/2 Vivian J Wells et all a required of a mages to the Additional
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided be horizontal well; surface affected information rela	V given: st Virginia Code § 22-6A-16(c), notice is hereby good to be surface owner's land for the purpose of drilling WV Tyler McElroy Shirley Morrison Run of McElroy Creek If Include: st Virginia Code § 22-6A-16(c), this notice shall it by W. Va. Code § 22-6A-10(b) to a surface owner and (3) A proposed surface use and compensation by oil and gas operations to the extent the dameted to horizontal drilling may be obtained from	given that the undersign a horizontal well on UTM NAD 83  Public Road Access Generally used fair whose land will be undersigned and will be undersigned and some same compensable the Secretary, at the	gned well operator he the tract of land as for Easting: Northing: ss: rm name: his code section; (2) for seed in conjunction we have an offer of complete under article six-bottom wing an offer of complete under article six-bottom.	The information with the drilling of ensation for da of this chapter. nvironmental P	Planned  4,360,589.150000 516,269.140000 60/2 Vivian J Wells et all required of a smages to the Additional rotection
Pursuant to Westoperation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Westo be provided be horizontal well; surface affected information related beadquarters, lo	V given: st Virginia Code § 22-6A-16(c), notice is hereby good to be surface owner's land for the purpose of drilling www.  Tyler  McElroy Shirley Morrison Run of McElroy Creek  Il Include: st Virginia Code § 22-6A-16(c), this notice shall include: st Virginia Code § 22-6A-10(b) to a surface owner and (3) A proposed surface use and compensation by oil and gas operations to the extent the dampted to horizontal drilling may be obtained from a cated at 601 57th Street, SE, Charleston, WV 25-	given that the undersign a horizontal well on UTM NAD 83  Public Road Access Generally used fair whose land will be undersigned and will be undersigned and some same compensable the Secretary, at the	gned well operator he the tract of land as for Easting: Northing: ss: rm name: his code section; (2) for seed in conjunction we have an offer of complete under article six-bottom wing an offer of complete under article six-bottom.	The information with the drilling of ensation for da of this chapter. nvironmental P	Planned  4,360,589.150000 516,269.140000 60/2 Vivian J Wells et all required of a smages to the Additional rotection
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided bhorizontal well; surface affected information rela	V given: st Virginia Code § 22-6A-16(c), notice is hereby good to be surface owner's land for the purpose of drilling www.  Tyler  McElroy Shirley Morrison Run of McElroy Creek  Il Include: st Virginia Code § 22-6A-16(c), this notice shall include: st Virginia Code § 22-6A-10(b) to a surface owner and (3) A proposed surface use and compensation by oil and gas operations to the extent the dampted to horizontal drilling may be obtained from a cated at 601 57th Street, SE, Charleston, WV 25-	given that the undersign a horizontal well on UTM NAD 83  Public Road Access Generally used fair whose land will be undersigned and will be undersigned and some same compensable the Secretary, at the	gned well operator he the tract of land as for Easting: Northing: ss: rm name: his code section; (2) for seed in conjunction we have an offer of complete under article six-bottom wing an offer of complete under article six-bottom.	The information with the drilling of ensation for da of this chapter. nvironmental P	Planned  4,360,589.150000 516,269.140000 60/2 Vivian J Wells et all required of a smages to the Additional rotection
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided bhorizontal well; surface affected information relaheadquarters, lo	V given: st Virginia Code § 22-6A-16(c), notice is hereby good to be surface owner's land for the purpose of drilling www.  Tyler  McElroy Shirley Morrison Run of McElroy Creek  Il Include: st Virginia Code § 22-6A-16(c), this notice shall include: st Virginia Code § 22-6A-10(b) to a surface owner and (3) A proposed surface use and compensation by oil and gas operations to the extent the dampted to horizontal drilling may be obtained from a cated at 601 57th Street, SE, Charleston, WV 25-	given that the undersign a horizontal well on UTM NAD 83  Public Road Accedence Generally used factor on agreement containages are compensable the Secretary, at the 5304 (304-926-0450)	gned well operator he the tract of land as for Easting: Northing: ss: rm name: his code section; (2) for seed in conjunction we have an offer of complete under article six-bottom wing an offer of complete under article six-bottom.	The information with the drilling of pensation for da of this chapter. nvironmental P	Planned  4,360,589.150000 516,269.140000 60/2 Vivian J Wells et all a required of a mages to the Additional rotection and-gas/
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided be horizontal well; surface affected information rela headquarters, lopages/default.as	Willow St P/  If given:  It Virginia Code § 22-6A-16(c), notice is hereby good and g	given that the undersign a horizontal well on UTM NAD 83  Public Road Accedence Generally used factor on agreement containages are compensable the Secretary, at the 5304 (304-926-0450)	gned well operator h the tract of land as for Easting: Northing: ss: rm name: his code section; (2) To seed in conjunction w hing an offer of comple under article six-bo WV Department of E or by visiting www.de	The information with the drilling of pensation for da of this chapter. nvironmental P	Planned  4,360,589.150000 516,269.140000 60/2 Vivian J Wells et all a required of a mages to the Additional rotection and-gas/

Telephone: 304-848-0040

Email: Vroark@eqt.com Facsimile: 304-848-0040

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 Protection

WW-6A5
(1/12)

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

Operator Well No.

514464

# 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 n			date of permit appl			
Delivery metho	APR 2.7 2015 od pursuant to West Virginia Code § 2	!2-6A-16(c)			APR	27	2015
100	FIED MAIL RN RECEIPT REQUESTED	HAND DELIVERY					2010
return receipt re- the planned oper required to be pro- drilling of a horiz damages to the s	a. Code § 22-6A-16(c), no later than the da quested or hand delivery, give the surface ration. The notice required by this subsect rovided by subsection (b), section ten of th ontal well; and (3) A proposed surface use surface affected by oil and gas operations to equired by this section shall be given to the	owner whose later in shall include it is article to a substant compensate the extent the	and will b e: (1) A co urface ow tion agree e damage	e used for the drilling py of this code section ner whose land will be ement containing and s are compensable u	g of a horizo on; (2) The i oe used in c offer of cor nder article	ontal winform onjunction on the conjunction of the	rell notice of ation tion with the ation for of this chapter.
	provided to the SURFACE OWNER(s)	ning to make the					
	sted in the records of the sheriff at the tim		Namai				Anthony lookuhowski k
Name:		ia Hornberger	Name: Addres	-		- 1	Anthony Jackubowski Jr 535 Shawnee St
Address.		15 River Road ing PA 19605	Addres				Wilkes-Barre PA 18702
State: County: District:	T McE	yler Iroy Public	Road Acc	The same of the sa			4,360,589.150000 516,269.140000 60/2 Vivian J Wells et al
Quadrangle: Watershed:	Morrison Run of McElroy Creek	rley Gener	ally used i	arm name:			Vivian J Wells et al
to be provided by horizontal well; a surface affected	Include:  t Virginia Code § 22-6A-16(c), this notice so  y W. Va. Code § 22-6A-10(b) to a surface of  and (3) A proposed surface use and compe  by oil and gas operations to the extent the  ted to horizontal drilling may be obtained  cated at 601 57th Street, SE, Charleston, V  px.	owner whose la ensation agreem e damages are c	nd will be ent conta ompensa	used in conjunction ining an offer of com ble under article six-b	with the dr pensation of this cha	illing o for dar	f a mages to the Additional
Well Operator:	EQT Production Company	Ac	ldress:	115 Professional Pla	ace, P.O. Bo	ox 280	
Telephone:	304-848-0082	Br	idgeport,	WV 26330			0 0
Email:	vroark@eqt.com	Fa	csimile:	304-848-0040			Offic MEC
Oil and Gas Prive The Office of Oil duties. Your pers needed to comp	EQT Production Company 304-848-0082 <u>vroark@eqt.com</u> acy Notice: and Gas processes your personal informational information may be disclosed to other ly with statutory or regulatory requirements.	cion, such as nar er State agencie ats, including Fr	me, addre	ss and telephone nur parties in the norma Information Act requ	mber, as pa I course of Jests. Our c	ort of o	ur regulator PR 27 2015

WW-6A5
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514464

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

#### NOTICE OF PLANNED OPERATION

- curery meth	APR 27 od pursuant to West Virgin		L6(c)		
	FIED MAIL RN RECEIPT REQUEST	ED HAND			
return receipt re the planned ope required to be p drilling of a hori damages to the	Va. Code § 22-6A-16(c), no late equested or hand delivery, give cration. The notice required by rovided by subsection (b), secontal well; and (3) A propose surface affected by oil and gase equired by this section shall be	e the surface owner y this subsection shal tion ten of this articl d surface use and co s operations to the e	whose land will be I include: (1) A copt e to a surface owne mpensation agreen xtent the damages	used for the drilling of a h of this code section; (2) r whose land will be used ent containing an offer o are compensable under a	orizontal well notice of The information in conjunction with the f compensation for rticle six-b of this chapter.
	provided to the SURFACE ON isted in the records of the she		tion).		
Name:	sted in the records of the sile	Raymond A Jackubo			Beverly A Chisdock-
Address:		123 North Pionee			213 Lehigh St
		Shavertown PA 1		_	Avoca PA 18641
	st Virginia Code § 22-6A-16(c), by <b>W. Va. Code § 22-6A-10(b)</b> and (3) A proposed surface us	to a surface owner we e and compensation he extent the damag	hose land will be u agreement contair es are compensable	sed in conjunction with th ing an offer of compensa e under article six-b of thi WV Department of Enviro	ne drilling of a tion for damages to the s chapter. Additional
surface affected information rela	ted to horizontal drilling may			r by visiting www den wy	
surface affected information rela headquarters, lo pages/default.a:	ted to horizontal drilling may cated at 601 57th Street, SE, spx.	Charleston, WV 2530	04 (304-926-0450) d		.gov/oil-and-gas/
surface affected information rela headquarters, lo pages/default.a:	ted to horizontal drilling may cated at 601 57th Street, SE, spx.	Charleston, WV 2530	04 (304-926-0450) d		.gov/oil-and-gas/
surface affected information rela headquarters, lo pages/default.a:	ted to horizontal drilling may cated at 601 57th Street, SE, spx.	Charleston, WV 2530	04 (304-926-0450) d		.gov/oil-and-gas/
surface affected information rela headquarters, lo pages/default.a: Well Operator: Telephone: Email:	ted to horizontal drilling may cated at 601 57th Street, SE, 50x.  EQT Production Company 304-848-0082  Vroark@eqt.com	Charleston, WV 2530	Address:  Bridgeport, W Facsimile:	115 Professional Place, P.0 V 26330 804-848-0040	

WW-6A5
(1/12)

On	erator	W	ell	No

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

Date of Notice	:: APR 2.7 2015			10 m	date of permit a ication Filed:	ADD	0.5% 0.040	
Delivery meth	od pursuant to West Virginia Code §	22-6A-16	(c)			DI W	2 / 2015	
	FIED MAIL RN RECEIPT REQUESTED	HAND DELIVE	RY					
return receipt re the planned ope required to be p drilling of a horiz damages to the	Va. Code § 22-6A-16(c), no later than the dequested or hand delivery, give the surface tration. The notice required by this subsection (b), section ten of the zontal well; and (3) A proposed surface use surface affected by oil and gas operations equired by this section shall be given to the	owner whition shall in his article to and comp to the exte	nose la nclude to a su pensat ent the	nd will be a control of the control	e used for the dri ppy of this code se ner whose land w ement containing as are compensable	lling of a horizo ection; (2) The in ill be used in co an offer of com le under article	ontal well notice of information onjunction with the inpensation for six-b of this chapter.	
	provided to the SURFACE OWNER(s)			5				
	isted in the records of the sheriff at the tir		/					
Name:		thia Kryzwi		Name:			Andrea Shotts	
Address:		Nicholoson arre PA 187	_	Addre	SS:		432-2 E Main St	- 1
	Wilkes-Do	arre PA 16/	02	-		_	Plymouth PA 18651	
County: District: Quadrangle:	McE			Road Acc	Northing: ess: farm name:		516,269.140000 60/2 Vivian J Wells et al	
Watershed:	Morrison Run of McElroy Creek							
to be provided be horizontal well; surface affected information rela	of Virginia Code § 22-6A-16(c), this notice so by W. Va. Code § 22-6A-10(b) to a surface and (3) A proposed surface use and compet by oil and gas operations to the extent the sted to horizontal drilling may be obtained acated at 601 57th Street, SE, Charleston, N	owner who ensation ag e damages from the S	ose lan greeme are co secreta	nd will be ent conta ompensa ary, at th	used in conjuncti aining an offer of o ble under article s e WV Department	ion with the dri compensation f six-b of this cha t of Environmer	lling of a for damages to the pter. Additional ntal Protection	6
Well Operator:	EQT Production Company		Add	dress:	115 Professiona	l Place, P.O. Bo	x 280	
Telephone:	304-848-0082		Brid	dgeport,	WV 26330		APP 2015  rt oflow regulatory 2 7 2015  ffice Will De Paris	
	vroark@eqt.com		Fac	simile:	304-848-0040		CO CAN	_
Email:	acy Notice:  and Gas processes your personal informa sonal information may be disclosed to oth ly with statutory or regulatory requirement cure your personal information. If you have acy Officer at depprivacyofficer@wv.gov.						05/1	2

WW-6A5
(1/12)

514464

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

#### NOTICE OF PLANNED OPERATION

Delivery method pursuant to West Virginia Code § 22-6A-16(c)    CERTIFIED MAIL   HAND   DELIVERY	Notice Time R Date of Notice	equirement: notice shall be provided no late		And the second of the second o	
CERTIFIED MAIL RECUENT REQUESTED DELIVERY  Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall includes: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article 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. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.  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:  Lisa Wesalowski  Address:  254 Lampman 5t  Avoca PA 18641  Nest Union WY  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:  4,360,589.1!  County:  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. V.a. Code § 22-6A-16(c) 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 th			ate Permit App	ication Filed:	— APR 2 7 2015 —
Persuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article 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 flected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.  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:	Delivery meth	od pursuant to West Virginia Code § 22-6A-	16(c)		
return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this stricle 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. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice;  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:  Lisa Wesolowski  Avoca PA 18641  Name:  John Paul Address:  45 Crystal La West Union WV  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:  WU UTM NAD 83 Easting:  4,360,588,11  Country:  Northing:  Northing:  Northing:  S16,269.10  Shirley  District:  McElroy  Public Road Access:  Quadrangle:  Watershed:  Morrison Run of McElroy Creek  This Notice Shall Include:  Pursuant to West Virginia 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 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.	E. E	선생님은 사람들이 가는 이번 모습니다. 모든			
Address   State   Interest   State   Interest   State   Interest   State   Interest   State   Interest   Int	return receipt re the planned ope required to be p drilling of a hori damages to the (d) The notices r	equested or hand delivery, give the surface owne eration. The notice required by this subsection sha provided by subsection (b), section ten of this artion zontal well; and (3) A proposed surface use and contract such as the surface affected by oil and gas operations to the	r whose land will I all include: (1) A c cle to a surface ov ompensation agre extent the damag	pe used for the drilling opy of this code sections whose land will ement containing areas are compensable	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.
Name:		[17] [2] [1] [2] [2] [3] [3] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4			
Address: 254 Lampman St Avoca PA 18641 Avoca PA 18641 West Union WV  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: 4,360,589.1: County: Tyler Northing: 516,269.1: District: McElroy Public Road Access: Quadrangle: Shirley Generally used farm name: Vivian J Well 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			/		ALL BAIR A
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: 4,360,589,1:  County: Tyler Northing: 516,269,1:  District: McElroy Public Road Access:  Quadrangle: Shirley Generally used farm name: Vivian J Well 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 <a href="https://www.dep.wv.gov/oil-and-gas/pages/default.aspx">www.dep.wv.gov/oil-and-gas/pages/default.aspx</a> Well Operator: EQT Production Company  Address: 115 Professional Place, P.O. Box 280  Bridgeport, WV 26330					John Paul Davis
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: 4,360,589.1: County: Tyler Northing: 516,269.1- District: McElroy Public Road Access: Quadrangle: Shirley Generally used farm name: Vivian J Well 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 naticel 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 <a href="https://www.dep.wv.gov/oil-and-gas/pages/default.aspx">www.dep.wv.gov/oil-and-gas/pages/default.aspx</a> .  Well Operator: EQT Production Company  Address: 115 Professional Place, P.O. Box 280  Bridgeport, WV 26330	Address.			55.	
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: 4,360,589.15  County: Tyler Northing: 516,269.16  District: McElroy Public Road Access:  Quadrangle: Shirley Generally used farm name: Vivian J Well 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 <a href="https://www.dep.wv.gov/oil-and-gas/pages/default.aspx">www.dep.wv.gov/oil-and-gas/pages/default.aspx</a> Well Operator: EQT Production Company  Address: 115 Professional Place, P.O. Box 280  Bridgeport, WV 26330		AVDCa FA	18041		West Offion WV 26456
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 <a href="https://www.dep.wv.gov/oil-and-gas/pages/default.aspx">www.dep.wv.gov/oil-and-gas/pages/default.aspx</a> Well Operator: EQT Production Company  Address: 115 Professional Place, P.O. Box 280  Bridgeport, WV 26330	operation on the State: County: District:	e surface owner's land for the purpose of drilling  WV  Tyler  McElroy	a horizontal well of UTM NAD 83 Public Road Aco	Easting: Northing:	4,360,589.150000 516,269.140000 60/2
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 <a href="https://www.dep.wv.gov/oil-and-gas/pages/default.aspx">www.dep.wv.gov/oil-and-gas/pages/default.aspx</a> Well Operator:  EQT Production Company  Address:  115 Professional Place, P.O. Box 280  Bridgeport, WV 26330			Generally used	Tarm name:	Vivian J Wells et al
Telephone: 304-848-0082 Bridgeport, WV 26330	Pursuant to Westo be provided by horizontal well; surface affected information relaheadquarters, lopages/default.as	Il Include:  st Virginia Code § 22-6A-16(c), this notice shall income with the structure of	whose land will be n agreement cont ges are compensa ne Secretary, at th 04 (304-926-0450	e used in conjunction aining an offer of con ble under article six- e WV Department o o) or by visiting <u>www</u>	with the drilling of a impensation for damages to the object of this chapter. Additional f Environmental Protection object. A 7 0 9 5 0 2 2 5 6
		-785571 S1 1 1 T T T T T T T T T T T T T T T T	- 0,00,000		lace, P.O. Box 280
Email: Vroark@eqt.com Facsimile: 304-848-0040		vroark@eqt.com	Facsimile:	304-848-0040	

#### 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 <a href="mailto:depprivacyofficer@wv.gov.">depprivacyofficer@wv.gov.</a>

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#### 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 l :: APR 9.7.1		ate Permit Appl		APR	97	2015
	od pursuant to West Virg	.0.0		2-12-01-11-10		6-1-	2010
A	IFIED MAIL RN RECEIPT REQUES	TED HAN	D IVERY				
return receipt re the planned ope required to be p drilling of a horiz damages to the	Va. Code § 22-6A-16(c), no la equested or hand delivery, gi tration. The notice required la rovided by subsection (b), so zontal well; and (3) A propos surface affected by oil and g equired by this section shall	ive the surface owner by this subsection sha ection ten of this artic sed surface use and co as operations to the e	r whose land will ball include: (1) A co cle to a surface ow compensation agre- extent the damage	e used for the drilli py of this code sect ner whose land will ement containing a s are compensable	ng of a horizo tion; (2) The i I be used in c n offer of cor under article	ontal wo informa onjunct mpensa e six-b o	ell notice of tion ion with the tion for f this chapter.
	provided to the SURFACE (						
(at the address li	isted in the records of the sh						
Name:		Richard E H					Joyce K Hill
				and it			88 Arvilla Rd
Address:		1043 Low G					
Notice is hereby Pursuant to Wes	st Virginia Code § 22-6A-16(c	Wilbur WV	ven that the under	signed well operato		ped a p	Bens Run WV 26146
Notice is hereby Pursuant to Wes operation on the State: County:		Wilbur WV	ven that the under	signed well operaton the tract of land a Easting: Northing:		ped a p	Bens Run WV 26146
Notice is hereby Pursuant to Wes operation on the State: County: District:	st Virginia Code § 22-6A-16(c	Wilbur WV c), notice is hereby give e purpose of drilling a WV Tyler	ven that the under a horizontal well o UTM NAD 83	signed well operaton the tract of land a Easting: Northing:		ped a p	Bens Run WV 26146  lanned 4,360,589.150000 516,269.140000
Notice is hereby Pursuant to Wes operation on the State: County: District:	st Virginia Code § 22-6A-16(c	Wilbur WV  i), notice is hereby give purpose of drilling a WV  Tyler  McElroy  Shirley	ven that the under a horizontal well o UTM NAD 83 Public Road Acc	signed well operaton the tract of land a Easting: Northing:		ped a p	Bens Run WV 26146  lanned 4,360,589.150000 516,269.140000 60/2
operation on the State: County: District: Quadrangle: Watershed:  This Notice Shal Pursuant to Westo be provided be horizontal well; surface affected information rela	Morrison Run of McElroy  I Include: st Virginia Code § 22-6A-16(c y W. Va. Code § 22-6A-10(b and (3) A proposed surface u by oil and gas operations to ted to horizontal drilling ma ocated at 601 57th Street, SE	Wilbur WV  c), notice is hereby give purpose of drilling a WV Tyler McElroy Shirley  Creek  c), this notice shall incompose and compensation the extent the damagy be obtained from the	ven that the under a horizontal well o UTM NAD 83  Public Road Acc Generally used the company of	signed well operaton the tract of land a Easting: Northing: ess: farm name: this code section; (oused in conjunction in the land and offer of coble under article size www.esco	2) The inform n with the dr mpensation c-b of this cha of Environme	nation r illing of for dam apter. A ntal Pro /oil-and	Bens Run WV 26146  lanned  4,360,589.150000  516,269.140000  60/2  Vivian J Wells et al  required a a ages to the dditional otection d-gas/
Notice is hereby Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed:  This Notice Shal Pursuant to Wes to be provided b horizontal well; surface affected information rela headquarters, lo pages/default.as	Morrison Run of McElroy  I Include: st Virginia Code § 22-6A-16(c y W. Va. Code § 22-6A-10(b and (3) A proposed surface u by oil and gas operations to ted to horizontal drilling ma ocated at 601 57th Street, SE	Wilbur WV  C), notice is hereby give purpose of drilling a WV  Tyler  McElroy  Shirley  Creek  C), this notice shall incompane and compensation the extent the dama, y be obtained from the Charleston, WV 253	ven that the under a horizontal well o UTM NAD 83  Public Road Acc Generally used the company of	signed well operaton the tract of land a Easting: Northing: ess: farm name: this code section; (oused in conjunction in the land and offer of coble under article size www.esco	2) The inform n with the dr mpensation c-b of this cha of Environme v.dep.wv.gov	nation r illing of for dam opter. A ntal Pro /oil-and	Bens Run WV 26146  lanned  4,360,589.150000  516,269.140000  60/2  Vivian J Wells et al  required  a langes to the dditional otection
Notice is hereby Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed:  This Notice Shal Pursuant to Wes to be provided b horizontal well; surface affected information rela headquarters, lo	Morrison Run of McElroy  I Include: st Virginia Code § 22-6A-16(comparison Run of McElroy  W. Va. Code § 22-6A-16(comparison)  By Oil and gas operations to the comparison Run of McElroy  W. Va. Code § 27-6A-10(both)  Code § 27-6A-16(comparison)  Code § 27-6A-16	Wilbur WV  C), notice is hereby give purpose of drilling a WV  Tyler  McElroy  Shirley  Creek  C), this notice shall incompane and compensation the extent the dama, y be obtained from the Charleston, WV 253	ven that the under a horizontal well of UTM NAD 83  Public Road Acc Generally used of the whose land will be an agreement contages are compensate Secretary, at the O4 (304-926-0450)	signed well operator the tract of land a Easting: Northing: ess: farm name: this code section; ( used in conjunction ining an offer of coole under article six a WV Department of the cool or by visiting www.	2) The inform n with the dr mpensation c-b of this cha of Environme v.dep.wv.gov	nation r illing of for dam opter. A ntal Pro /oil-and	Bens Run WV 26146  lanned  4,360,589.150000  516,269.140000  60/2  Vivian J Wells et al  required a a ages to the dditional otection d-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 deviator web. The Office of Oil and Gas processes your personal information, such as name, aggress and telephone manners of offices of a filess of as Oil and Gas needed to comply with statutory or regulatory requirements, including recedul of missing propriately secure your personal information. If you have any questions about our use or your personal information, please contact 27 2015

WV Department/94/2015 Environmental Protection

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#### STATE OF WEST VIRGINIA

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

Notice Time I Date of Notic	Requirement: notice shall be provided no late e: APR 2 7 2015	er than the filin Date Permit App	and the second of the second o	APR 2.7	2015
Delivery met	nod pursuant to West Virginia Code § 22-6A	-16(c)			
	TIFIED MAIL HAN PROCEIPT REQUESTED DEL	ID IVERY			
return receipt of the planned op required to be drilling of a hor damages to the	Va. Code § 22-6A-16(c), no later than the date for equested or hand delivery, give the surface owner eration. The notice required by this subsection show it is not the provided by subsection (b), section ten of this articizantal well; and (3) A proposed surface use and contact affected by oil and gas operations to the required by this section shall be given to the surface.	er whose land will all include: (1) A icle to a surface o compensation ago extent the dama	be used for the drilling copy of this code section wner whose land will be eement containing an ges are compensable u	g of a horizontal won; (2) The informate used in conjunct offer of compensander article six-b c	ell notice of ation tion with the ation for of this chapter.
Notice is hereb	y provided to the SURFACE OWNER(s)				
(at the address	listed in the records of the sheriff at the time of r				
Name:	Terry J Cumbe				Allen Dale Fornash
Address:	1384 Pratts Ru	n Road Addr	ess:		9217 Bachelor Rd NW
-	Almo WV	26320			Waynesburg OH 44688
County: District: Quadrangle: Watershed:	Tyler  McElroy  Shirley  Morrison Run of McElroy Creek	Public Road A Generally use			516,269.140000 60/2 Vivian J Wells et al
to be provided horizontal well surface affecte information rel	est Virginia Code § 22-6A-16(c), this notice shall in by W. Va. Code § 22-6A-10(b) to a surface owner and (3) A proposed surface use and compensation d by oil and gas operations to the extent the dama ated to horizontal drilling may be obtained from to ocated at 601 57th Street, SE, Charleston, WV 25	whose land will on agreement cor ages are compen- the Secretary, at	oe used in conjunction staining an offer of com sable under article six-b the WV Department of	with the drilling or opensation for dan o of this chapter. A Environmental Pro	f a nages to the odditional otection
Well Operator:	EQT Production Company	Address:	115 Professional Pla	ace, P.O. Box 280	
Telephone:	304-848-0082		t, WV 26330		Os. An
Email:	vroark@eqt.com	Facsimile			MCD CCE
duties. Your pe	vacy Notice:  il and Gas processes your personal information, so rsonal information may be disclosed to other Stale ply with statutory or regulatory requirements, income your personal information. If you have any vacy Officer at deporivacyofficer@wv.gov.	e agencies or thi	d parties in the norma	mber, as part of or I course of busine uests. Our office w al information, ple	sepras 2016

WW-6A5	
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## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE OF PLANNED OPERATION

Date of Notice	: APR 2 7 2015		to a Part Property	ation Filed:	meation.		
Delivery metho	od pursuant to West Virginia Code § 22-6A				APR	27	2015
CERTI	FIED MAIL HAN						
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 quested or hand delivery, give the surface owner ation. The notice required by this subsection should be subsection (b), section ten of this articontal 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.	er whose lan nall include: icle to a surf compensation extent the	d will be (1) A cop ace own on agreer damages	used for the drillin y of this code secti er whose land will nent containing an are compensable o	g of a horizor on; (2) The in be used in cor offer of comp under article s	ntal well formati njunctio pensatio six-b of	notice of on on with the on for this chapter.
Notice is hereby	provided to the SURFACE OWNER(s)						
(at the address li	sted in the records of the sheriff at the time of r	notice):					
Name:	Donald E I	Bible Sr /	Name:				Susan L Spencer
Address:	2400 Millarto		Address	-			HC 74 Box 98
	Canton OH	44707					Alma WV 26320
District: Quadrangle: Watershed:	McElroy Shirley Morrison Run of McElroy Creek	Public Ro Generall		rm name:			60/2 Vivian J Wells et al
to be provided b horizontal well; a surface affected information rela	t Virginia Code § 22-6A-16(c), this notice shall in y W. Va. Code § 22-6A-10(b) to a surface owner and (3) A proposed surface use and compensation by oil and gas operations to the extent the dama ted to horizontal drilling may be obtained from to cated at 601 57th Street, SE, Charleston, WV 25:	whose land on agreement ages are con the Secretar	will be unt contain npensably, at the	ised in conjunction ning an offer of cor e under article six WV Department of	with the drill opensation for the of this chap f Environment	ing of a or dama ter. Add tal Prote	ges to the Islandian distribution of the Islandian distribution distrib
		4.00	ess:	115 Professional P	lace P.O. Box		
Well Operator:	EQT Production Company	Addi	-	EED THOTESSIONALT	dee, i loi box	280	
Well Operator: Telephone:	EQT Production Company 304-848-0082	Bridg	geport, V	/V 26330		280	
Well Operator: Telephone: Email:	EQT Production Company 304-848-0082 vroark@eqt.com  acy Notice: and Gas processes your personal information, so conal information may be disclosed to other Stat ly with statutory or regulatory requirements, inc	Bridg Facs	geport, W	/V 26330 304-848-0040		280 C	This PEC.



### WEST VIRGINIA DEPARTMENT OF TRANSPORTATION Division of Highways

Earl Ray Tomblin Governor

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

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

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

<b>-</b>		
514460 SHR 60 H1	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	0.00.00.00.00.00.00	212420 SUK 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 AGAIN 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 & Gas Coordinator

Cc: Nick Bumgardner

**EQT Production Company** 

CH, OM, D-6

File

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APR 27 2015

WV Department of Environmental Protection

## **Anticipated Frac Additives Chemical Names and CAS numbers**

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

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IMP-1A



Office of Oll and Gas

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

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WV Department of	DEP Office	Use anly
invironmental Protection	Date Received by Oil & Gas:	
	Assigned Impoundment ID #:	200 (1100- XXX)

### 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

Operator Name:	EQT Production Company		
Operator ID:	306686		
	115 Professional Place		
	Bridgeport	State: WV	Zip: 26330
Contact Name:		Contact Title:	Sr. Mgr. Water Operations
Contact Phone:			rfurby@eqt.com

#### Section 2 - Engineering / Design Contractor Information

Design will be contracted	d 🖸 Designed In-house 🗆					
Company Name:	Homor Brothers Engineers					
Address: Street	P.O. Box 386					
City:	Clarksburg	State: \	W	Zip:	26302	
Contact Name:	Thomas D. Corathers	Contact Ti	tle:	PE, PS		
Contact Phone:		Contact Em	ail:	tom@hbe19	02.com	
Certifying Professional B						
Professional Engineer R	Registration Number: 14161					





Office of Oil and Gas

#### Section 3 - Impoundment / Pit Information

Type of Structure. Check one of	hua abalaa	n holowy			
☐ Freshwater Impoundme		S DEIOW.	<b>□</b> 14	/aste Pit	
•			□ V	aste Pit	
Note: Any waste in a pit will make it	a waste pit.				RECEIVED Office of Oil and Gas
Name of Structure (Company Na	me:) E0	QT-SHR 60	Flow Back	Pit	
County: Tyler	,		District:	McElroy	JUL <b>2 0</b> 2015
USGS 7.5' Quad Map Name:	Shirley				
Farm Name:					WV Department of Environmental Protection
Pad Name: SHR 60					
Surface Owner Name: Hannah	Underwood	Estate			
Physical Description of Location:	From inte	rsection Tyle	Co Rte 60	2 & Tyler Co.Rte	e 60/1 & Site Access Road
travel northwesterly along access ro	ad 1 mile to	o completion	pit on right		
(Note: Give general location, example: 2	miles south o	of Smalltown, V	<b>√</b> on Rt. 22,	left on Buffalo Cre	ek)
Watershed (nearest perennial):	Morrison				
Distance (Drainage Distance) to	nearest pe	rennial strea	am: apt	proximately 400	eet
Location Coordinates (NAD83, D				• •	
Latitude: 39.393400	_	ude (Use n	-		
	_	867.102292		TM 83-17NF:14	30913.39017 N
Access Road Coordinates (juncti					
Latitude: 39.383577		tude (Use r	•	• • ——	
UTM Coordinates : UTM (	33-1/NF:169	6692.697888	E	IM 83-17NF:14	302342.952588 N
A		_			
Approximate Dimensions  Length: 241'		172'		1	٤٠
Length: 241' Note: If irregularly shaped, give approxim	********			_ Height: <u>1</u>	5'
_ , ,		_			
Total Capacity – Provide all units Barrels: 54,859		ге веюw: 2,304,232		Assa Engli	7.071
Baileis	Gallons.	2,004,202		_ Acre-Feet:	7.071
Capacity with 2' Freeboad - Prov	ide all uni	e of meseur	e kalow		
Barrels: 68,651		2,883529	e Delow.	Acre-Feet:	A R49
Daireis.	Gailons.				0.575
Incised volume:					İ
Barrels: 22,518	Gallons:	945,834		Acre-Feet:	2.903
	<b>QUADITY</b> .				
Net impounded volume: (Total vo	lume less	incised volu	me.)		
Barrels: 32,341		1,3583,398	,	Acre-Feet:	4.169
Anticipated Construction Start Da	ate (estima	ition, non-bi	nding):		
Note: No construction may begin	on Assoc	loated impo	oundment		ssues the drilling permit. At least 7
calendar days prior to confirmed					
inspector of construction start da	ie. USB för	m IMP-2, 1	vouncation	i or impoundm	ent / 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 514450 HZ 514461			
H3 514453 H4 514463			
HS 514464 HS 514465			
HT 314460 HB 515434			
H9 516435 H10 515436			
MII 81543F MIZ 816438			
_			
Section 5 - Required Information Impoundments or Pits. Include the	<del>-</del>	DECL	ted VED Niceien.
E Engineered Construction Plans, certi	ified by WV Registered P.E.	<u> </u>	
Erosion and Sediment Control Plan,	certified by WV Registered P.E.	JUL 2	0 2015
Reclamation Plan, certified by WV R	egistered P.E.	JUL 2	0 2010
Section 6 – Dam Standard Qualify	ing Evaluation	WV Depa Environmen	artment or bel Protection
Section 6 – Dam Standard Qualify  The design of this structure has beer defined as a dam, under W.Va Rule all permits regulating dams will be re The dam standard, from the WVDEP http://www.dep.wv.gov/WWE/ee/ds/F	n evaluated by the applicant to del §47-34. If the design of this struc- equired prior to registering the struc- P, Div. Of Water and Waste, is ava	Environment termine it does ture qualifies it ture with the	NOT qualify to be to be defined as a dam, Office of Oil and Gas.
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**Section 8 - Application Certification** 

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

Name:	Victoria J KOARK	
Title:	Hermitting Supercusor	
Signature:	The In-	
	d swom to before the this,	Nov 20 14
Notary Public:	Thomas lyon	
My commission expire	s: 824.22	
Notary Seal:	OFFICIAL SEAL STATE (I) WEST VIRGINIA NOTARY PUBLIC	RECEIVED Office of Oil and Gas
	Pamela Sykes EQT Production PO Box 280 Bridgeport, WV 26330 By Commission Expres Acc. 24, 2022	JUL 2 0 76%
Ēmmi	My Commission Expline Ang. 24, 2022	WIV Donartment of

#### 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 : <u>Depimpoundments@wv.gov</u> Environmental Protection





Office of Oil and Gas

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 #:	095-	WPA	1000

### 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

Operator Name:	EQT Production Company				
Operator ID:	306686				
Address: Street	115 Professional Place				
	Bridgeport	State:	w	Zip: 26330	
Contact Name:	Ron Furby	Cor	ntact Title:	Sr. Mgr. Water Operations	<u> </u>
Contact Phone:	412-395-7052	Conta	act Email:	rfurby@eqt.comRECEI	VED
		_ <del></del>		Office of Oil	

#### Section 2 - Engineering / Design Contractor Information

JUL 2 0 2015

Designed in-hou	use 🗆				
-				•	ARI Donordmant of
Hornor Brothers Engineers		WV Department of Environmental Protection			
P.O. Box 386					
Clarksburg		State:	w	Zip:	26302
Thomas D. Corathers		Contact	Title:	PE, PS	
304-824-6445		Contact E	imail:	lom@hbe190	02.com
ngineer: Thomas D	). Corathers				
gistration Number:	14161				
	P.O. Box 386 Clarksburg Fhomas D. Corathers 304-624-6445 gineer: Thomas D	P.O. Box 386 Clarksburg Thomas D. Corathers 304-624-6445 gineer: Thomas D. Corathers	P.O. Box 386 Clarksburg State: Thomas D. Corathers Contact Education Contact Educati	P.O. Box 386 Clarksburg State: wv Thomas D. Corathers Contact Title: 304-624-6445 Contact Email: Thomas D. Corathers	P.O. Box 386  Clarksburg State: WV Zip: Thomas D. Corathers Contact Title: PE, PS  304-824-6445 Contact Email: lom@hbe19



Office of Oil and Gas

### 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.						
Note: Cuty 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 Tyles						
travel northwesterly along access road 1 mile to completion						
(Note: Give general location, example: 2 miles south of Smalltown, V	N on Rt. 22, left on Buffalo Creek)					
Watershed (nearest perennial): Jefferson Run						
Distance (Drainage Distance) to nearest perennial stream	am: approximately 1,700 feet					
Location Coordinates (NAD83, Decimal Degrees (xx.xx	• • • • • • • • • • • • • • • • • • • •					
Latitude: 39.391721 Longitude (Use no						
UTM Coordinates : UTM 83-17NF:1693222.488888						
Access Road Coordinates (junction of state highway ac	-					
Latitude: 39.383577 Longitude (Use r						
UTM Coordinates : UTM 83-17NF:1696692.697888 E UTM 83-17NF:14302342.952588 N						
Approximate Dimensions	450					
Length: 385' Width: 187' Note: If tregularly shaped, give approximate dimensions of long axis	Height: 15'					
•	RECEIVED					
Total Capacity – Provide all units of measure below:	Office of Oil and Ges					
Barrels: 104,902 Gallons: 4,406,191	ACIG-POBI: 13.522					
	JUL <b>2 0</b> 2015					
Capacity with 2' Freeboad – Provide all units of measur	e below.					
Barrels: 128,682 Gallons: 5,405,450	Acre-Feet: 16.589 WV Department of					
l	Environmental Protection					
Incised volume:						
Ваптеls: <u>15,522</u> Gallons: <u>651,977</u>	Acre-Feet: 2.001					
At a ?						
Net impounded volume: (Total volume less incised volume less incised volume)	•					
Barrels: 89,380 Gallons: 3,754214	Acre-Feet: 11.521					
Anti-tand Construction Chart Date (actionation and be	н					
Anticipated Construction Start Date (estimation, non-bit	nding): pundment until WVDEP issues the drilling permit. At least 7					
	o, notify the Office of Oil & Gas, and the local Oil and Gas					
inspector of construction start date. Use form IMP-2, 1						





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 514481	
H3 514407 H4 514403	
ft5 514484 H0 514485	
H7 \$14463 H8 \$15434	
163 515435 H10 515436	
HII 218437 HIZ 818438	

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

R	Engineered (	Construction Plans	certified by WV Registe	red P.E.

- Erosion and Sediment Control Plan, certified by WW 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 this project RECEIN	
Ип	nd Gas
JUL 20	2015
WV Departme Environmental Pro	nt of tection





#### **Section 8 - Application Certification**

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

Name:	Victoria J. FOARE
Title:	Dermitting Concessor
Signature:	"That I'M
	· · · · · · · · · · · · · · · · · · ·
Taken, subscribe	ed and swom to before me this,
Notary Public:	took Jest
My commission	expires: S-24-22
Notary Seal:	
-	OFFICIAL SEAL STATE OF WEST VIRIGINIA
	OFFICIAL SEAL STATE OF WEST VIRGINIA MOTARY PUBLIC Pamela Syles  Pamela
	indiction and the second secon
	Bridgeport, VV 26330  Ly Commission Espires Aug. 24, 2022

#### 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 57<sup>th</sup> Street, SE Charleston WW 25304

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

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Office of Oil and Gas

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WV Department of Environmental Protection

MDG/1/15

Well Number: 514464 (SHR60H5)

Casing and Cementing Deepest Fresh Water: 906'						
Туре	Conductor	Mine 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 Thickness, In.	0.375	1.5	0.380	0.395	0.361	
Depth, MD	60'		992'	2,777'	12,302'	
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	1.	4	20% Greater than exp. Pressure	20% Greater than exp. Pressure	20% greater than exp. fracture pressure	
After Fracture Pressure Testing	*			-	20% greater than exp. shut pressure	
ID, in	19.25	4	12.615	8.835	4.778	
Burst (psi)	-	4	2,730	3,950	12,640	
Collapse (psi)		÷ ·	1,130	2,570	11,100	
Tension (mlbs)	2		514	493	587	
Cement Class	-		-	-	Н	
Cement Type	Construction	4	1	1		
Cement Yield	1.18		1.21	1.21	1.27/1.86	
Meets API Standards	-		Yes	Yes	Yes	
WOC Time	-	14	Min. 8 hrs	Min. 8 hrs	Min. 8 hrs	
Top of Cement (Planned)	Surface	•	Surface	Surface	4,329'	
Fill (ft.)	60'	-	992'	2,777'	7,973'	
Percent Excess			20	20	10	
Est. Volume (cu ft)	58	14	862	1,084	2,035	
Est. Volume (BBLS)	10	- 2	153	193	362	

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JUL 20 . .

WV Department of Environmental Protection

