

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

August 28, 2015

WELL WORK PERMIT

Horizontal 6A Well

This permit, API Well Number: 47-10303109, 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.

Operator's Well No: 513926

Farm Name: COASTAL FOREST RESOURCES

API Well Number: 47-10303109

Permit Type: Horizontal 6A Well

Date Issued: 08/28/2015

API Number: 103-03109

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. <u>Failure to adhere to the specified permit</u> 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.



west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street, SE Charleston, WV 25304 (304)926-0499, Ext 1656 Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary dep.wv.org

August 3, 2015

Department of Environmental Protection Office of Oil and Gas Charleston, WV 25304

RE: Application for Deep Well Permit - API #47-103-03109

COMPANY: EQT Production Company

FARM: Coastal Lumber Company -- Mills-Wetzel Land, Inc. #WV 513926

COUNTY: Wetzel DISTRICT: Grant QUAD: Big Run

The deep well review of the application for the above company is <u>APPROVED TO DRILL TO BLACK RIVER WITH A UTICA/POINT PLEASANT COMPLETION.</u>

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1. Comments to Notice of Deviation filed? n/a
- Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; n/a
- 3. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells, well name, and the name and address of the operator; none
- 4. Provided a plat showing that the proposed location is a distance of 400+ feet from the nearest lease line or unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

Cindy Raines Executive Assistant

4710303109

APINO. 1470 3	Q_{03}	1	0	9	
PERATOR WELL NO.					5139

OPERATOR WELL NO.
Well Pad Name:

513926 BIG190

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS W.VA. CODE §22-6A - WELL WORK PERMIT APPLICATION

1) Well Operator: EQT Production	on Company	1	306686	103		
			Operator ID	County	District	254 Quadrangle
2) Operator's Well Number:			3.5 55,50			Quadrangle
z) operator s well Number.		513926		Well Pad Name	:	BIG190
3) Farm Name/Surface Owner:	Coastal Fore	est Resources	Company	Public Road Ac	cess:	Co Rt 15/2
4) Elevation, current ground:	1,473.5	Elevation	on, proposed p	post-construction:	1,473.	.5
5) Well Type: (a) Gas	Oil	Unde				
Other						
(b) If Gas:	21 10		Deep	-10-		
	Horizontal					
6) Existing Pad? Yes or No:	Yes				T	7m4
-					i	4-6-15
	t a depth of 12,979	with the anticipat	ed thickness to be	ated Pressure(s):	pated target press	sure of 10,795 i
B) Proposed Total Vertical Depth:						
				13,230	/	
	n:			13,230 Black River	/	
10) Proposed Total Measured Dept	n: lh:			Black River v 18,754	/	
10) Proposed Total Measured Dept11) Proposed Horizontal Leg Lengti	n: lh: h			Black River v 18,754 5,037	/	
10) Proposed Total Measured Dept11) Proposed Horizontal Leg Lengtl12) Approximate Fresh Water Strat	h:h: h:h a Depths:			Black River v 18,754 5,037 401, 458		
10) Proposed Total Measured Dept11) Proposed Horizontal Leg Lengt12) Approximate Fresh Water Strats13) Method to Determine Fresh Wa	h: h h a Depths: iter Depth:			Black River v 18,754 5,037 401, 458 By offset we		
 10) Proposed Total Measured Dept 11) Proposed Horizontal Leg Lengt 12) Approximate Fresh Water Strat 13) Method to Determine Fresh Wa 14) Approximate Saltwater Depths: 	h: h h a Depths: tter Depth:			Black River v 18,754 5,037 401, 458 By offset we 2243, 2368		
 10) Proposed Total Measured Dept 11) Proposed Horizontal Leg Lengt 12) Approximate Fresh Water Strate 13) Method to Determine Fresh Wa 14) Approximate Saltwater Depths: 15) Approximate Coal Seam Depths 	h: h h a Depths: ter Depth:			Black River v 18,754 5,037 401, 458 By offset we	lls	
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 10) Proposed Total Measured Dept 11) Proposed Horizontal Leg Lengt 12) Approximate Fresh Water Strate 13) Method to Determine Fresh Wa 14) Approximate Saltwater Depths: 15) Approximate Coal Seam Depths 16) Approximate Depth to Possible 17) Does proposed well location con adjacent to an active mine? 	h: h a Depths: ter Depth: s: Void (coal mine, katain coal seams coal	arst, other): irectly overlyin	ng or Ye	Black River v 18,754 5,037 401, 458 By offset we 2243, 2368	None rep	ported
10) Proposed Total Measured Dept 11) Proposed Horizontal Leg Lengt 12) Approximate Fresh Water Strata 13) Method to Determine Fresh Water 14) Approximate Saltwater Depths: 15) Approximate Coal Seam Depths 16) Approximate Depth to Possible 17) Does proposed well location con	h: h a Depths: tter Depth: Void (coal mine, k atain coal seams of	arst, other): lirectly overlyin	ng or Ye	Black River 18,754 5,037 401, 458 By offset we 2243, 2368 413, 1222, 1240 s	None rep	1
	n: th: h a Depths: ter Depth: s: Void (coal mine, k atain coal seams of Name: Depth:	arst, other): irectly overlyir	ng or Ye	Black River 18,754 5,037 401, 458 By offset we 2243, 2368 413, 1222, 1240	None rep	1

Page 1 of 3

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

March 18, 2014

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

Re: Cement Variance Request

Dear Sir or Madam,

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

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

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

Sincereix

James Pelerson

Environmental Resources Specialist / Permitting

Promoting a healthy environment.

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

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

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

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

REPORT OF THE OFFICE

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

FINDINGS OF FACT

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

Promoting a healthy environment.

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CONCLUSIONS OF LAW

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

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

ORDER

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

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

IN THE NAME OF THE STATE OF WEST VIRGINIA

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

James Martin, Chief Office of Oil and Gas

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W	W-9
(5	/13)

	Page	1	of	2
API No. 47	-	103		03109
Operator's V	Vell No).	7	513926

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

Fluids/Cuttings Disposal & Reclamation Plan

Operator Name	EQ	Production Compan	у	OP Code	306686		
Watershed (HUC10)	Upper	Run and North Fork		Quadrangle	Big Run		
Elevation	1473.5	County	Wetzel	District_	Grant	m	
Do you anticipate using mo	re than 5,000 bbls	of water to complete	the proposed well	work?	Yes x N	WV Department of nvironmental Protection	AUG 1 3 2015
VVIII a pit be used 7 Yes:	X No:					Depa	-
If so please des	cribe anticipated pi	t waste:		flowback water & resi	dual solids	urtme al Pr	ಲಾ
Will a synthetic	liner be used in the	pit? Yes	_ x	lo If so,	what ml.7 6	o tec	2015
Proposed Dispo	Land App Undergre Reuse Off Site I Other	olication aund Injection (at API Number		ermit Number 0 Various W-9 for disposal location	014, 8462, 4037		
Will closed loop system be	used 7	Yes. The closed loo	o system will rem	ove drill cuttings from the	drilling	T	
fluid. The drill cuttings are	then prepared for to				Chang	-	
Drilling medium anticipated Air is used to drift the top-hole section and drift the intermediate section. The	ns of the wellbore (surface	, intermediate, and pilot). \	Noter based mud may	be necessary depending on hole of	conditions to stabilize		
		ynthetic, petroleu			ia mud	7	
Additives to be used in				Synthet detergent, defoaming, water. W			
alkalinity control, lime, filtrat	All and All an	_	oil lubricant del	onming walnut shell salt	v.cida carbonatas	cositer,	
Oil based mud - synthetic I	oase oil, emulsifier,	salt, lime, viscosifer.	alkalinity control.	filtration control, delloccu	lates	_	
blodegradable oil lubricant .			,				
Drill cuttings disposa	method? Leav	e in nit landfill z	mound offelte	oto	Landell	_	
		what medium will be			Landfill n/a	-	
	ffsite name/perm		useur (Cement, L	See Attached Li		-	
Permittee shall provide w any West Virginia solid w disclose where it was pro	ritten notice to the aste facility. The perly disposed.	e Office of Oil and notice shall be pro	wided within 24	of drill cuttings or asso hours of rejection and	ociated waste rejecte the permittee shall al	d at Iso DMH 8/	13/15
on August 1, 2005, by the O provisions of the permit are or regulation can lead to enf	ffice of Oil and Gas enforceable by law. proement action.	of the West Virginia Violations of any ten	Department of Er	he general permit and/or	understand that the other applicable law		
I certify under penalty	of law that I have I	personally examined	and am familiar w	ith the information submit	ted on this		
application form and all attac the information, I believe tha submitting false information,	t the information is	true, accurate, and c	omplete. I am aw	Ilviduals Immediately resp are that there are significa	consible for obtaining and penalties for		
Company Official Sign		only of fine of imprise	7/	11/			
Company Official (Type			Viol	oriad Roark			
Company Official Title				Supervisor		-	
Subscribed and sworn	before me this	13	-0	gust	,20 15		
Keher	Cando	eater		0	Notary Public	OFFICE	AL SEAL
My commission expires		4-7-20				NOTARY STATE OF W REBECCA EGT PROOF	Y PUBLIC

WW-9 Operator's Well No. 513926 Proposed Revegetation Treatment: Acres Disturbed <u>no additional disturbance</u> Prevegetation pH <u>6.5</u> Tons/acre or to correct to pH 6.5 Fertilize type Granular 10-20-20 Fertilizer Amount ____ 1/3 | lbs/acre (500 lbs minimum) 2 Tons/acre Mulch ___ Seed Mixtures Temporary Permanent Seed Type lbs/acre Seed Type lbs/acre KY-31 40 **Orchard Grass** 15 Alsike Clover 5 Alsike Clover 5 ____ Annual Rye 15 Drawing(s) of road, location,pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Comments: Field Reviewed? (______ Date: 4-6-15

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EQT Production Water plan Offsite disposals for Marcellus wells

CWS TRUCKING INC.

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

LAD LIQUID ASSETS DISPOSAL INC.

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

TRI COUNTY WASTE WATER MANAGEMENT, INC.

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

Waste Management - Meadowfill Landfill

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

Waste Management - Northwestern Landfill

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

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

TRIAD ENERGY

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

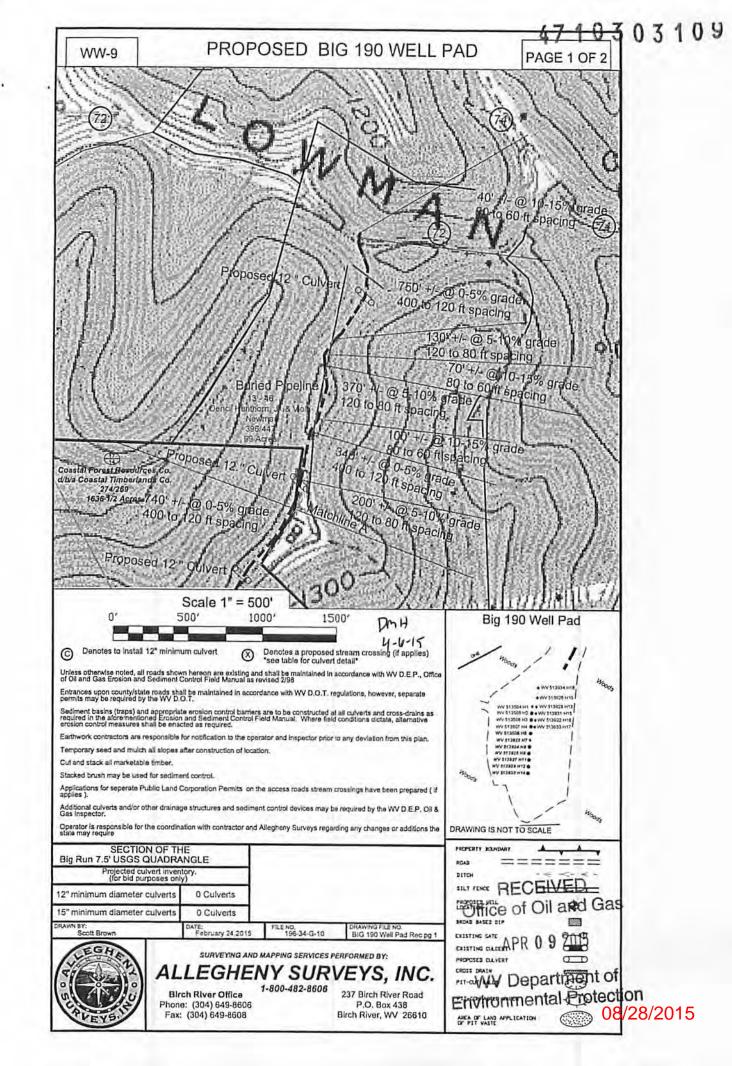
KING EXCAVATING CO.

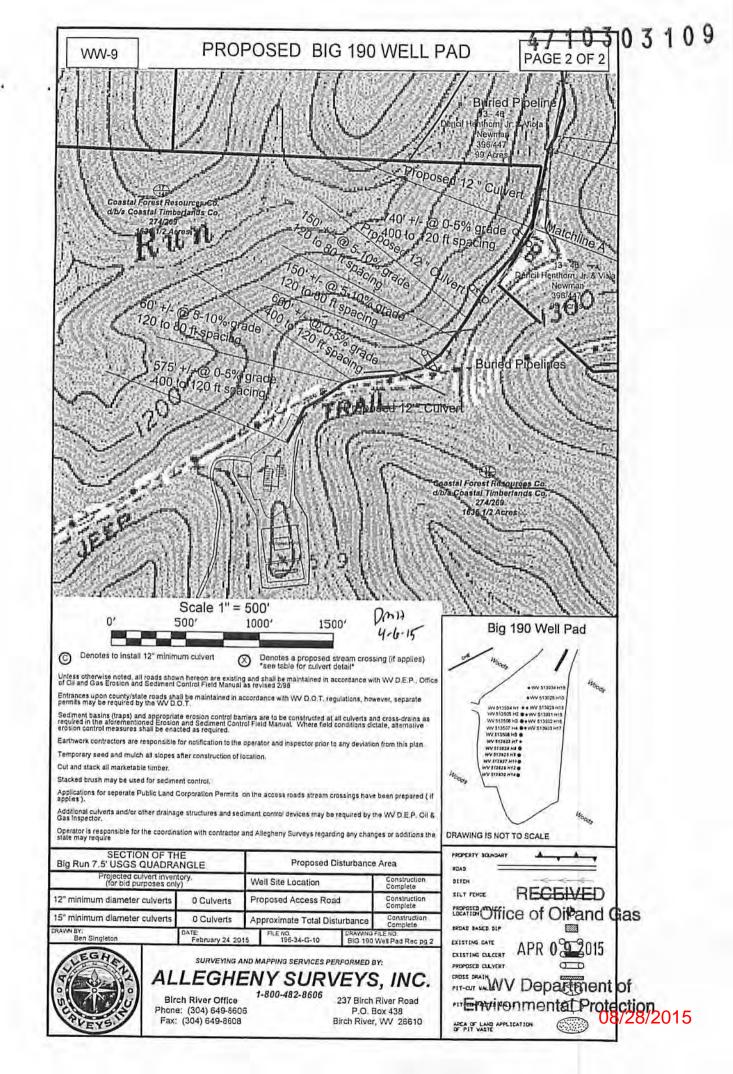
Advanced Waste Services 101 River Park Drive New Castle, Pa. 16101 Facility Permit# PAR000029132

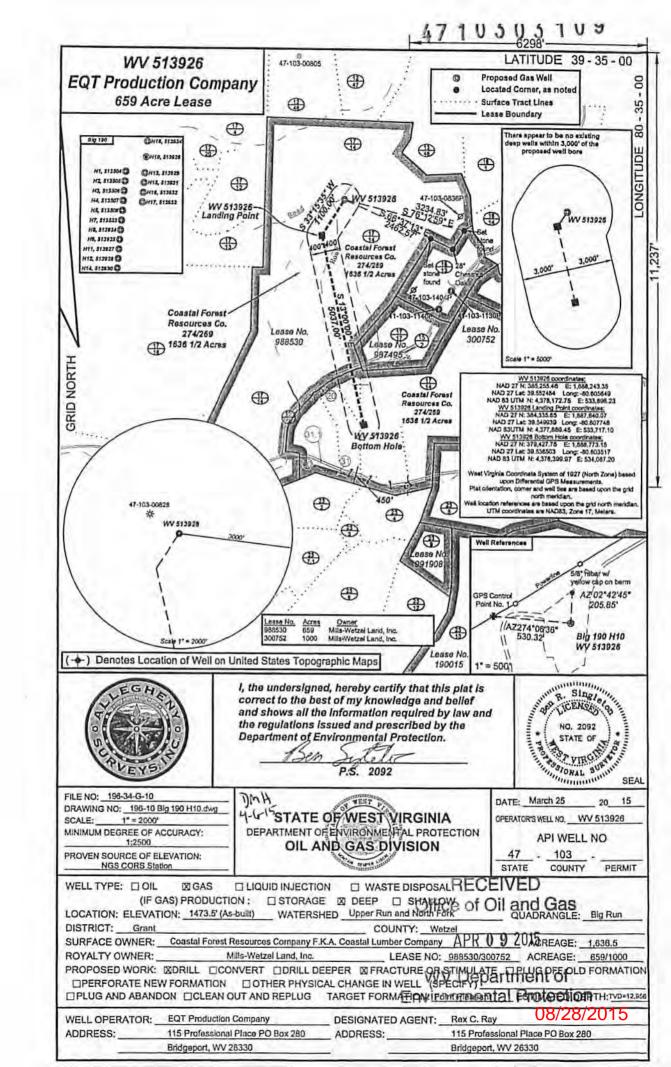
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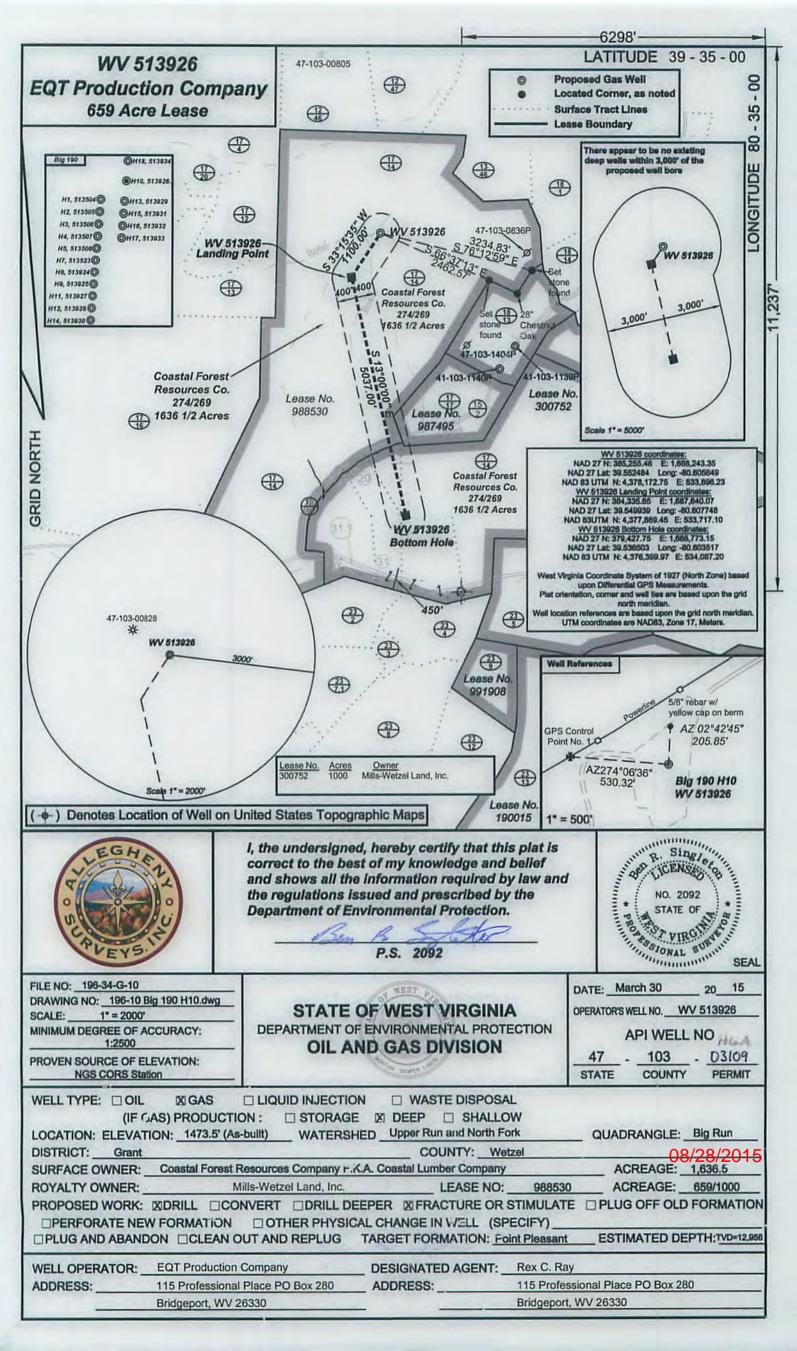
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¹ Tòpc•Quad:	Big Run 7.5'	Scale:	1 " = 2000'	
County:	Wetzel	Date:	March 25, 2015	X
District:	Grant	Project No	:196-34-G-10	
Water	EQT BI	G 190 WELL	PAD	Торо
PIPELINE		Carron (Market State of the state of th	1700
	15/5/11/201 37/5/21	as Well		
	Sie Wall b			The San I
		No Potential Water	Sites Within 2500!	307
	Gallwell	GAE-WALLS	1200	Gos Well J. T.
	upo -Gas V	on	Chrused Gas Well	
			ogay Wen	1000
The Co	JUSTESTALE			
	Caper A R	un de la companya de		
	CANAL CONTRACTOR	Ball ((Ges Well
		Big 190 Well		010
See Well See 1200		Table 1		
				STATE !
				///>}\)
			1000	
		North	FANIS	
ROAD ROAD			AECEIVEL	
EGHA	SURVEYING AND MAPPING SERVICES P	ERFORMED BY:	REPARED FOR THE PARED FOR STATE OF THE PARED FOR THE PARED	CALL TO THE
A	LLEGHENY SUR\ 1-800-482-8606 P.O. BOX 438		EQT Profugijan!	Co. Inc.
CALL STATE OF THE	P.O. BOX 438 BIRCH RIVER, WV 266 PH: (304) 649-8606 FAX: (304) 649-8608	10	WV Departme	ntof



WW-6A1 (5/13)

O	ne	rai	or'	c	W	ell	No.
~	~		·		**		110.

513926

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 Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Lease 988530			Min 1/8 pd	
	Mills Wetzel Lands, Inc.	EQT Production Company	00	3 126A/288
Lease 300752				
	Mills Wetzel Lands, Inc.	Consolidated Gas Supply Corporation		LB 52A/421
	Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corp		LB 66A/69
	Consolidated Gas Transmission Corp	Alamco Inc.		LB 70A/363
	Alamco Inc.	UMC Petroleum Corporation		LB 73A/656
	UMC Petroleum Corporation	Ashland Exploration Holdings		LB 75A/170
	Ashland Exploration Holdings	Blazer Energy Corporation		LB 77A/360
	Blazer Energy Corporation	Eastern States Oil and Gas Co.		CB 12/261
	Eastern States Oil and Gas Co.	Equitable Production Co.		CB 13/14
	Equitable Production Co.	EQT Production Company		CB 13/14

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.

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Well Operator: EQT Production Company

By:

MAR 3 1 2015

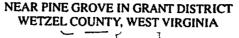
Page 1 of 1 WV Department of Environmental Protection

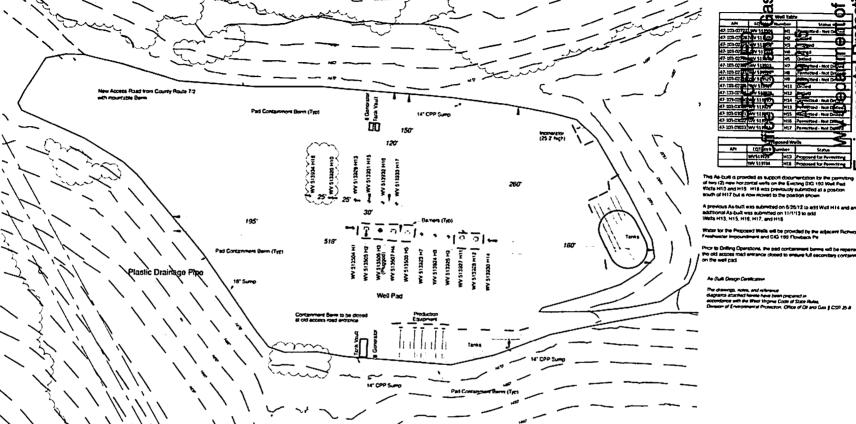
08/28/2015

BIG 190 WELL PAD AS-BUILT EQT PRODUCTION COMPANY

PROPOSED WELLS H13, H15, H16, H17 & H18

NEAR PINE GROVE IN GRANT DISTRICT





4710303109



ENTERPRISES, INC.

TIES IN IT SCIAT PREPARED FOR FOT PREPARED IN CUMPANY

BIG 190 WELL PAD Preposed Wells H10 & H18 GRANT DETREY WETZEL COUNTY, WV

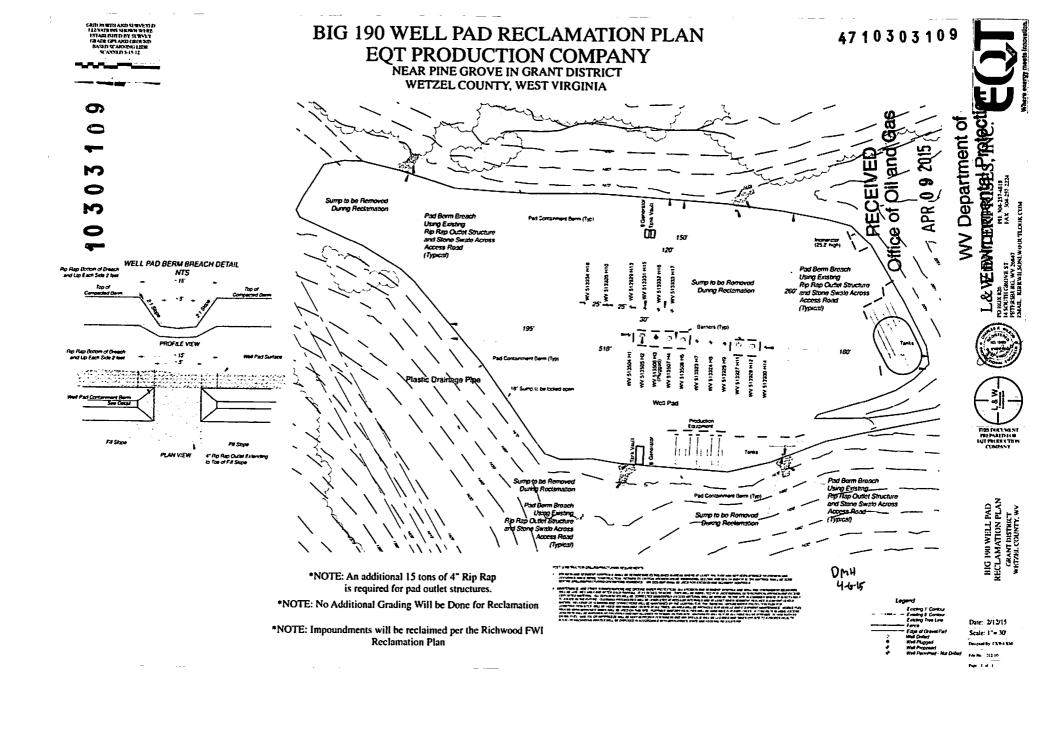


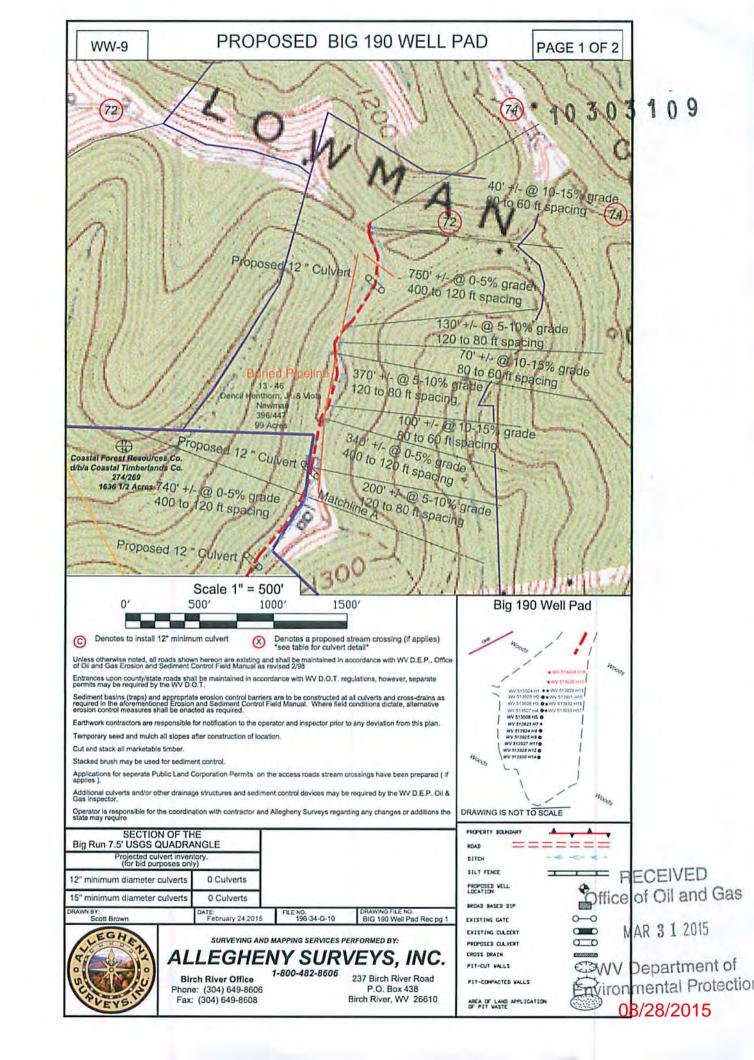
Dn 4 4-6-15

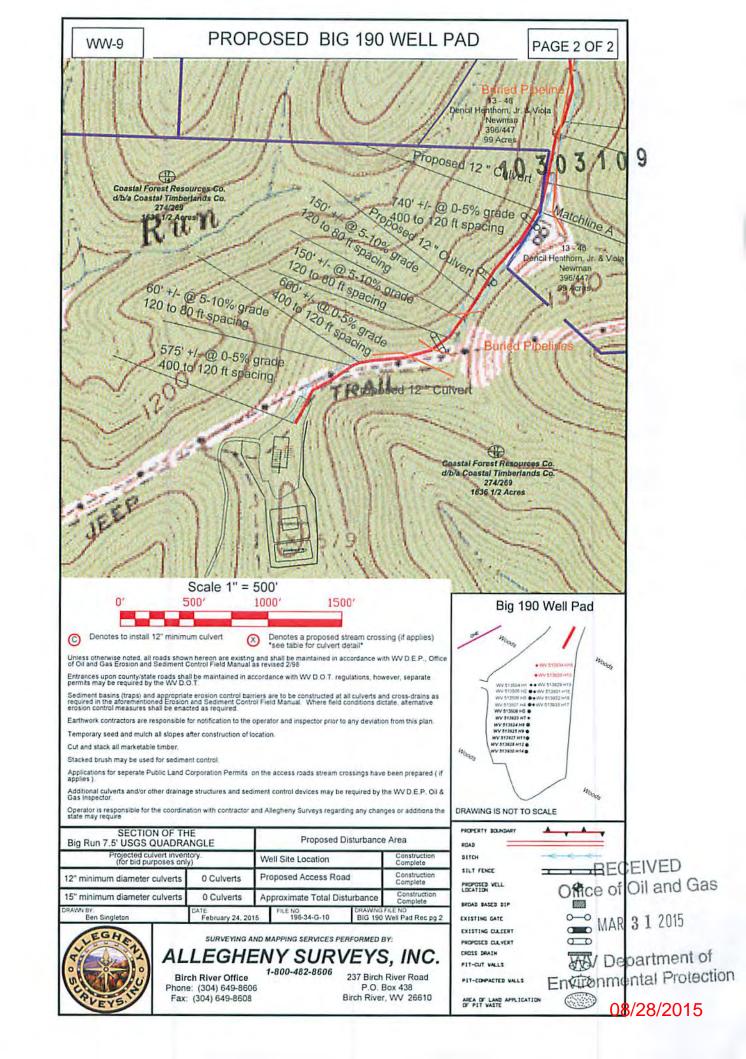
Scale: 1"= 30" Fig. 2- 212 m

Date: 2/12/15

New York







STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS 10303109 NOTICE CERTIFICATION

	tice Certification: 3-30-15	API No. 47	103 - 0
		Operator's Well	No. 513926
		Well Pad Name:	BIG190
latica has	been given:		
		2-6A, the Operator has provided the required parties	with the Notice Forms listed
	e tract of land as follows:	2-0A, the Operator has provided the required parties	with the Notice Forms listed
State:	WV	UTM NAD 83 Easting:	533,896.23
County:	Wetzel	UTM NAD 83 Northing:	4,378,172.75
District:	Grant	Public Road Access:	Co Rt 15/2
Quadrangle:	Big Run	Generally used farm name: Coastal	Forest Resources Company
Watershed:	Upper Run and North Fork	-	
of this article Pursuant to that the Ope	e have been completed by the applicant.	or has attached proof to this Notice Certification arties with the following:	requirements of section ten
	CHECK ALL THAT APPLY	TICE NOT DECLUDED DECALUSE NO	OOG OFFICE USE ONLY
	OF SEISMIC ACTIVITY OF WO	TICE NOT REQUIRED BECAUSE NO SMIC ACTIVITY WAS CONDUCTED	ONLY
□ NOTICE	E OF SEISMIC ACTIVITY or SEI		ONLY RECEIVED/NOT REQUIRED
	E OF SEISMIC ACTIVITY or SEI E OF ENTRY FOR PLAT SURVEY O NO E OF INTENT TO DRILL or	SMIC ACTIVITY WAS CONDUCTED	ONLY RECEIVED/NOT REQUIRED
	E OF SEISMIC ACTIVITY or SEI E OF ENTRY FOR PLAT SURVEY OF INTENT TO DRILL or WA	SMIC ACTIVITY WAS CONDUCTED OF VO PLAT SURVEY WAS CONDUCTED TICE NOT REQUIRED BECAUSE TICE OF ENTRY FOR PLAT SURVEY	ONLY RECEIVED/NOT REQUIRED RECEIVED RECEIVED/NOT
□ NOTICE	E OF SEISMIC ACTIVITY or SEI E OF ENTRY FOR PLAT SURVEY OF INTENT TO DRILL or WA	SMIC ACTIVITY WAS CONDUCTED OF NO PLAT SURVEY WAS CONDUCTED TICE NOT REQUIRED BECAUSE TICE OF ENTRY FOR PLAT SURVEY AS CONDUCTED OR RITTEN WAIVER BY SURFACE OWNER	ONLY RECEIVED/NOT REQUIRED RECEIVED RECEIVED/NOT
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NOTICE NOTICE NOTICE NOTICE PUBLIC	E OF SEISMIC ACTIVITY or SEI E OF ENTRY FOR PLAT SURVEY OF NO NO WA	SMIC ACTIVITY WAS CONDUCTED OF NO PLAT SURVEY WAS CONDUCTED TICE NOT REQUIRED BECAUSE TICE OF ENTRY FOR PLAT SURVEY AS CONDUCTED OR RITTEN WAIVER BY SURFACE OWNER	ONLY 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 Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service.

08/28/2015 the return receipt card or other postal receipt for certified mailing.

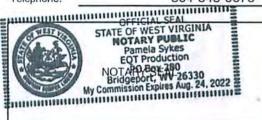
MAR 3 1 2015

Certification of	Notice is	hereby d	iven:

10303109

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

30 day of

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

MAR 3 1 2015

WV Department of Environmental Prove 128/2015

10303109

WW-6A (9-13)

API NO.	47	-	103	0
OPERATOR	R WEL	L NO.		513926
Well Pad	Name	0.		BIG190

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

	30-15 Date Permit App		lication.	
Notice of:				
PERMIT FOR ANY	CERTIFICATE	OF APPROVAL FOR THE		
WELL WORK		ON OF AN IMPOUNDMEN	T OR PIT	
Delivery method pursuant	to West Virginia Code § 22-6A-1	0(b)		
☐ PERSONAL	REGISTERED	✓ METHOD OF DEL	IVERY THAT REQUIRES A	
SERVICE	MAIL		ATURE CONFIRMATION	
requires a receipt or sig plat to each of the follothe surface tract or tract disturbance as describe lessee, in the event the record of the surface tractonstruction, enlargement water purveyor who is lawhich is used to provide work activity is to take in the lands, the applica article one, chapter elevantless the lien holder is	mature confirmation, copies of awing persons: (1) The owner its overlying the oil and gas led in the erosion and sediment tract of land on which the we act or tracts overlying the oil ent, alteration, repair, removal known to the applicant to have led water for consumption by legislate (c)(1) If more than threat may serve the documents wen-a of this code. (2) Notwits the landowner. W. Va. Code	of the application, the ers of record of the surfact aschold being developed to control plan submitted and gas leasehold being dor abandonment of any a water well, spring on the authority of the control plan to common or required upon the person hetanding any provision of R. § 35-8-5.7.a required.	Il deliver, by personal service or by registered mail osion and sediment control plan required by section of the tract on which the well is or is proposed to do by the proposed well work, if the surface tract is pursuant to subsection (c), section seven of this art is located [sic] is known to be underlain by one of developed by the proposed well work, if the surfact in its located with the proposed well work, if the surfact is in the proposed well work, if the surfact is in the proposed well work, if the surfact in the support of the section of the section of the section of the section of the sheriff required to the section of the section that the operator shall also provide the Verand water testing as provided in section 15 of this entire of this section as provided in section 15 of this entire of the section 15 of this entire to the contrary, notice to a lien hold the section water testing as provided in section 15 of this	on seven of the belocated; to be used tricle; (3) The trimore coal the ce tract is to of this five the ge field toon (b) of the belocated to be the seven the ce tract is to of this five the ce tract is to the ce tract the ce tra
✓ Application Notice ✓ SURFACE OWNE Name: Address:		COAI s DBA Name: mpany Address:	at Notice is hereby provided to: OWNER OR LESSEE Millz-Wetzel Land Inc 222 North LaSalle St 26th Suite 2400	h)
	Buckhannon, WV		Chicago IL 6060	1
Name: Address: SURFACE OWNE	ERS(s) (Road and/or Other Di Coastal Forest Resources	0 Name: 0 Address: 0 sturbance)		0 0 0 0 0
Address:	Coastal Timberlands Cor P.O. Bo Buckhannon, WV	mpany SURF ax 709 AND/OR W	FACE OWNER OF WATER WELL ATER PURVEYOR(s)	0
Name: Address:	SEE ATTAC			$\frac{\overline{0}}{\overline{0}}$
SURFACE OWNE Name: Address:	R(s) (Impoundments/Pits) Coastal Forest Resources Coastal Timberlands Cor P.O. Bo	S DBA Name: Address:	ATOR OF ANY NATURAL GAS STORAGE FIELD RECEIV Office of Oil a	ED und Gas
	Buckhannon, WV		ch additional forms if necessary NAD of a	-

MAR 3 1 2015
08/28/2015
WV Department of
Environmental Protection

WW-6A (8-13) 10303109

API NO. <u>47</u> - <u>103</u>		0
OPERATOR WELL NO.	5	13926
Well Pad Name:	BIG190	

Notice is hereby given:

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

This Notice Shall Include:

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

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

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

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

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

Well Location Restrictions

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

MAR 3 1 2015

WW-6A (8-13) API NO. 47 - 103 - 0
OPERATOR WELL NO. 513926
Well Pad Name: BIG190

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

Water Well Testing:

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

Water Testing Laboratories:

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

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

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

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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

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MAR 3 1 2015

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WV Department of

Environmentan 8/28/20015

10303109

WW-6A API NO. 9
(8-13) OPERATOR W

API NO. 47 - 103 - 0

OPERATOR WELL NO. 513926

Well Pad Name: BIG190

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

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

Comment Requirements

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

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

Permit Denial or Condition

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

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

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

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

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Office of Oil and Gas

MAR 3 1 2015

WV Departments/95/2015 Environmental Protection

Notice is hereby giv	en by:		10303109
Well Operator:	EQT Production Company	Address:	115 Professional Place P.O. Box 280
Telephone:	304-848-0082		Bridgeport, WV 26330
Email:	Vroark@eqt.com	Facsimile:	304-848-0041

Oil and Gas Privacy Notice:

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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 or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Pamela Sykes
EQT Production
PO Box 280
Polician W 26330

By: Victoria Roark

Its: Permitting Supervisor Subscribed and sworn before n

day of

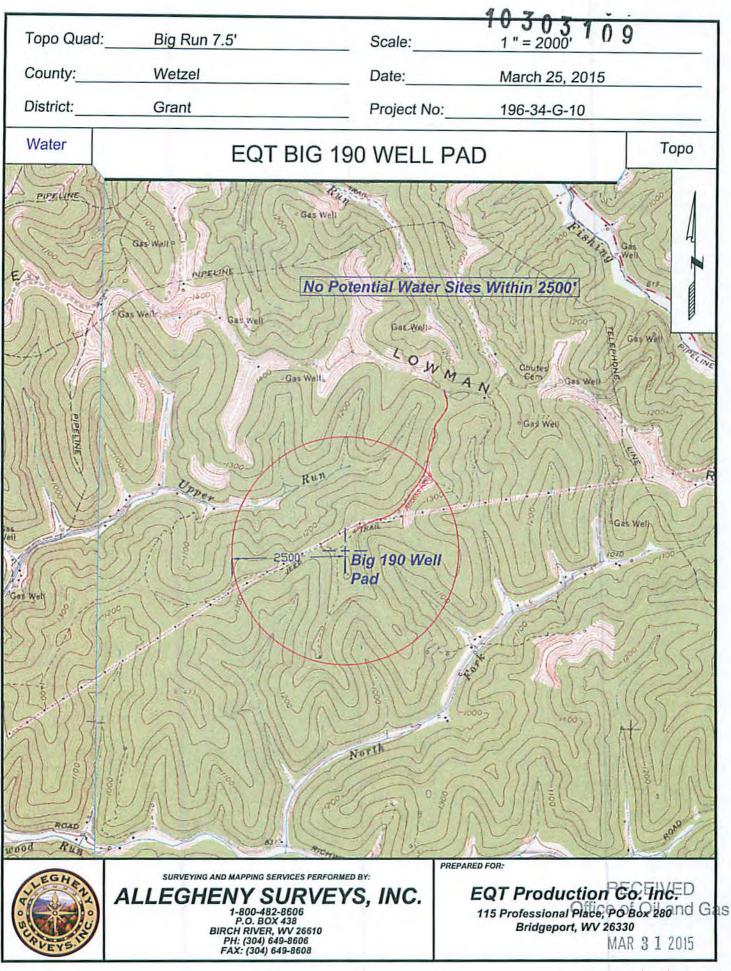
Notary Publi

24, 2022 My Commission Expir

8.24.22

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MAR 3 1 2015



WW6-A

Additional Surface Owners: Access Road

Dencil Henthorn Jr & Mary Beth Henthorn 1923 Limestone Ridge Rd New Martinsville, WV 26155

Terry L Henthorne & Katherine R Henthorne Rt 20 Box 505 Pine Grove WV 26419

Viola K Newman & Ronald M Newman 2418 Doolin Run Road New Martinsville WV 26155

Vesta G Kesler 332 Van Deman St Washington C.H., OH 43160

Avis A Arnett & Fred J Arnett 385 Greenwood Street Newport OH 45768

Estal F Loy 372 Johnson Ave Alliance OH 44601

Betty Maxine Hostutler 36101 Westfield Dr N Ridgeville OH 44039

Randy Henthorne PO Box 934 Olalla WA 98359

Robin Day Duffield 9670 Stone Road Litchfield OH 44253

William Clarence Henthorne 1001 N Main St Amherst OH 44001

Ronnie Henthorn 8755 Chatham Road Medina OH 44256

Ricky Dean Henthorn 116 Hamilton St Elyria OH 44035

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MAR 3 1 2015

WV Departm 8 / 28 / 2015 Environmental Protection Russell D Henthorn 1103 Paris Ave Port Royal SC 29935

10303109

Scott K Henthorn C/O Roshanda R Smith 104 Waynewoods PL Goldsboro NC 27534

Todd W Henthorn 1106 Hodge Dr Beaufort SC 29906

Roshanda R Smith 104 Waynewoods PL Goldsboro NC 27534

Phillip S Wernette 1528 Treasure Isle Rd Hot Springs National Park AR 71913

Shirley A Edmonds & Charles R Edmonds 22907 US Hwy 425 S Star City AR 71667

Additional Coal Owners

CNX Land Resources Inc CNX Center 1000 Consol Energy Dr Canonsburg PA 15317

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> > MAR 3 1 2015

WV Department 08/28/2015 Environmental Protection

STATE OF WEST VIRGINIA 1030310 9 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.

Delivery mat	had pursuant to Wast Virginia Sada 5 33 54 45"				
zenvery met	hod pursuant to West Virginia Code § 22-6A-16(b)				
– HAND DELIVE	CERTIFIED MAIL RETUI RECEIPT REQUESTED	RN			
eceipt reque frilling a hori of this subsec ubsection m	N. Va. Code § 22-6A-16(b), at least ten days prior to filing ested or hand delivery, give the surface owner notice of izontal well: Provided, That notice given pursuant to su ction as of the date the notice was provided to the surface way be waived in writing by the surface owner. The notically	fits intent to enter upo bsection (a), section te ace owner: Provided, h ce, if required, shall inc	n the surface owner' n of this article satisfi owever, That the not lude the name, addre	s land for the purpose of ies the requirements tice requirements of this ess, telephone number,	1
Notice is here	eby provided to the SURFACE OWNER(s):				
Name:	Estel F. Loy	Name:		Betty Maxine Hostutler	
Address:	372 Johnson Ave	Address:		36101 Westfield Drive	
	Alliance OH 44501			N. Ridgeville, OH 44039	
ursuant to W he surface ov	Vest Virginia Code § 22-6A-16(b), notice is hereby giver wner's land for the purpose of drilling a horizontal well				
	eby given: Vest Virginia Code § 22-6A-16(b), notice is hereby giver	on the tract of land as			533,896.23 4,378,172.75 Co. Rt. 15/2
ursuant to Whe surface ov tate: ounty: listrict: luadrangle:	eby given: Vest Virginia Code § 22-6A-16(b), notice is hereby giver wner's land for the purpose of drilling a horizontal well WV Wetzel Grant Big Run	on the tract of land as UTM NAD 83 Pub	follows: Easting Northing		533,896.23 4,378,172.75 Co. Rt. 15/2
ursuant to Whe surface ov tate: ounty: sistrict:	eby given: Vest Virginia Code § 22-6A-16(b), notice is hereby giver wner's land for the purpose of drilling a horizontal well WV Wetzel Grant	on the tract of land as UTM NAD 83 Pub	follows: Easting Northing lic Road Access:	intent to enter upon	533,896.23 4,378,172.75 Co. Rt. 15/2
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ursuant to Whe surface over tate: ounty: istrict: uadrangle: /atershed: his Notice Shursuant to Wacsimile numerated to hore posted at 601	eby given: Vest Virginia Code § 22-6A-16(b), notice is hereby given wher's land for the purpose of drilling a horizontal well WV Wetzel Grant Big Run Upper Run and North Fork Hall Include: Vest Virginia Code § 22-6A-16(b), this notice shall included the purpose of the operator and the rizontal drilling may be obtained from the Secretary, at	on the tract of land as UTM NAD 83 Pub Generally u de the name, address, t e operator's authorized the WV Department of	Easting Northing lic Road Access: sed farm name: selephone number, a	Coastal Forest Resind if available, ditional information ection headquarters,	533,896.23 4,378,172.75 Co. Rt. 15/2
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arsuant to Water surface of the surf	Peby given: Vest Virginia Code § 22-6A-16(b), notice is hereby giver wher's land for the purpose of drilling a horizontal well wetzel Grant Big Run Upper Run and North Fork Hall Include: Vest Virginia Code § 22-6A-16(b), this notice shall include the per and electronic mail address of the operator and the rizontal drilling may be obtained from the Secretary, at 1 57th Street, SE, Charleston, WV 25304 (304-926-0450) are by given by: EQT Production Company 115 Professional Place, P.O Box 280 Bridgeport, WV 26330	On the tract of land as UTM NAD 83 Pub Generally u de the name, address, te operator's authorized the WV Department of or by visiting www.de Authorized Representated Address:	Easting Northing lic Road Access: sed farm name: selephone number, a d representative, Ado f Environmental Prote	Coastal Forest Resind if available, ditional information ection headquarters, s/pages/default.aspx	533,896.23 4,378,172.75 Co. Rt. 15/2 ources Company Victoria Roar lace, P.O Box 28
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needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will

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

appropriately secure your personal information. If you have any questions about our use or your personal information, please contact AR 3 1 2015

WV De**08/28/20 P5**Environmental Protection

Environmental Protection

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

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner. Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application. Date of Notice: 2/27/2015 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: Terry L. Henthorne & Katherine R. Henthorne Address: Address: Rt. 20 Box 505 HC 60 Box 60 Pine Grove, WV 26419 New Martinsville, WV 26155 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: 533,896.23 State: Easting UTM NAD 83 4,378,172.75 Wetzel County: Northing Big run Co. Rt. 15/2 District: Public Road Access: Coastal Forest Resources Company Generally used farm name: Quadrangle: Upper Run and North Fork 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 Well Operator: Authorized Representative: 115 Professional Place, P.O Box 280 115 Professional Place, P.O Box 280 Address: Address: Bridgeport, WV 26330 Bridgeport, WV 26330 304-848-0076 304-848-0076 Telephone: Telephone: vroark@eqt.com vroark@eqt.com Email: Email: 304-848-0041 304-848-0041 Facsimile: Facsimile:

Oil and Gas Privacy Notice:

RECEIVED The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regularity of Oil and Gas 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. WV D08/28/2015

10303109

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	e owner.

Notice Time F	Requirement: Notice shall be provided at least TEN (10) days prior to filing	a permit application.		
Date of Notice			3/9/15		
Delivery meth	nod pursuant to West Virginia Code § 22-6A-16(b)				
_ HAND	CERTIFIED MAIL RETURN RY RECEIPT REQUESTED	RN			
DELIVE	RY RECEIPT REQUESTED				
receipt reques drilling a horiz of this subsection ma	V. Va. Code § 22-6A-16(b), at least ten days prior to filir sted or hand delivery, give the surface owner notice of contal well: Provided, That notice given pursuant to sultion as of the date the notice was provided to the surface was provided to the surface owner. The notice, facsimile number and electronic mail address of the	its intent to enter un osection (a), section ace owner: Provided te, if required, shall	upon the surface owner ten of this article satis d, however, That the no include the name, add	r's land for the purpose of fies the requirements otice requirements of this ress, telephone number,	
Notice is here	eby provided to the SURFACE OWNER(s):				
Name:	Vesta G. Kesler	Name:	Āv	ris A. Arnett & Fred J. Arnett	
	332 Van Deman Street	Address:		385 Greenwood Street	
	Washington, OH 43160	-		Newport, OH 45768	
the surface ov State: County: District:	vner's land for the purpose of drilling a horizontal well WV Wetzel Grant	UTM NAD 83	Fasting		533,896.23 4,378,172.75 Co. Rt. 15/2
Quadrangle:	Big Run		Illy used farm name:	Coastal Forest Resor	
Watershed:	Upper Run and North Fork				arces demparty
facsimile num related to hor ocated at 601	Vest Virginia Code § 22-6A-16(b), this notice shall include ber and electronic mail address of the operator and the izontal drilling may be obtained from the Secretary, at 157th Street, SE, Charleston, WV 25304 (304-926-0450)	e operator's author the WV Departmen	rized representative. Ac nt of Environmental Pro	ditional information tection headquarters,	
Notice is here Well Operator:	EQT Production Company	Authorized Repres	contative:		Victoria Roark
Address:	115 Professional Place, P.O Box 280	Address:	Schlative.	115 Professional Pla	
_	Bridgeport, WV 26330	_		1000	geport, WV 26330
elephone:	304-848-0076	Telephone:			304-848-0076
mail:	vroark@eqt.com	Email:		17	oark@eqt.com
acsimile:	304-848-0041	Facsimile:			304-848-0041
S 2 S 2				1	RECEIVED
Dil and Gas Pi	rivacy Notice: Oil and Gas processes your personal information, such	بالمحقوم بمسابل		Office	e of Oil and Gas
duties Vous n	ersonal information may be disclosed to other State ag	as name, address a	ties in the normal cours	as part of our regulatory	
needed to cor	mply with statutory or regulatory requirements, includi	ng Freedom of Info	rmation Act requests. (Our office will	MAR 3 1 2015
	secure your personal information. If you have any que ivacy Officer at depprivacyofficer@wv.gov.	ations about our us	e or your personal info	WV Enviror	08/28/2015 ^{of}

Environmental Protestion

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

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

Delivery method pursuant to West Virginia Code § 22-6A-16(b) 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: Roshanda R. Smith Address: 104 Wayneswoods Pl Address: 1528 Treasure Isle Road Goldsboro, NC 27534 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: State: WV UTM NAD 83 Easting S33,896 County: Wetzel While S. Wetzel Wetzel UTM NAD 83 Fasting S33,896 County: Wetzel UTM NAD 83 Fasting S33,896 County: Generally used farm name: Coastal Forest Resources Computational Public Road Access: Co. Rt. 1 County Operator and North Fork 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,
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 eceipt 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: Roshanda R. Smith Address: 104 Wayneswoods Pl Goldsboro, NC 27534 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
eceipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of firilling 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 ubsection 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's authorized representative. **Notice is hereby provided to the SURFACE OWNER(s):** Name: Roshanda R. Smith Address: 1528 Treasure Isle Road Goldsboro, NC 27534 Hot Springs National Park, AR 71913 **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: **The Notice Shall Include:** WV UTM NAD 83 Easting 533,896 **Ounty: Wetzel Wetzel Public Road Access: Co. Rt. 1 **Would Read Access: Co. Rt. 1 **Would
Name: Roshanda R. Smith Address: 1528 Treasure Isle Road Goldsboro, NC 27534 Hot Springs National Park, AR 71913 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: Itate: WV UTM NAD 83 Easting 533,896 County: Wetzel Northing 4,378,172 County: Grant Public Road Access: Co. Rt. 1 Quadrangle: Big Run Generally used farm name: Coastal Forest Resources Composition (Control of the Notice Shall Include: Control of the Notice Shal
Address: 104 Wayneswoods PI Goldsboro, NC 27534 Address: 1528 Treasure Isle Road Hot Springs National Park, AR 71913 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
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
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: West
Dunty: Wetzel Northing 4,378,172 Strict: Grant Public Road Access: Co. Rt. 1 Suddrangle: Big Run Generally used farm name: Coastal Forest Resources Completershed: Upper Run and North Fork This Notice Shall Include:
Istrict: Grant Public Road Access: Co. Rt. 1 uadrangle: Big Run Generally used farm name: Coastal Forest Resources Comp (atershed: Upper Run and North Fork this Notice Shall Include:
uadrangle: Big Run Generally used farm name: Coastal Forest Resources Completershed: Upper Run and North Fork his Notice Shall Include:
his Notice Shall Include:
acsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information elated to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, ocated at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx
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: Well Operator:
acsimile: 304-848-0041 Facsimile: 304-848-0041 acsimile: 304-848-004

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 ce: 2/27/2015 Date Permit App		a permit application. 3/9/15		
	hod pursuant to West Virginia Code § 22-6A-16(b)	pireation rineu.			
	The state of the s				
HAND DELIVE	RY CERTIFIED MAIL RETUING RECEIPT REQUESTED	RN			
receipt reque drilling a hori of this subsection m	V. Va. Code § 22-6A-16(b), at least ten days prior to filingsted or hand delivery, give the surface owner notice of zontal well: Provided, That notice given pursuant to sustion as of the date the notice was provided to the surface owner. The noting by the surface owner. The noting has been delected in writing by the surface owner. The noting has been delected in writing by the surface owner.	fits intent to enter ubsection (a), section ace owner: Provided ce, if required, shall	upon the surface owner's ten of this article satisfie d, however, That the notic include the name, addres	land for the pur s the requirement se requirements ss, telephone nu	rpose of ents s of this
Notice is here	eby provided to the SURFACE OWNER(s):				
Name:	Coastal Forest Resources DBA	/ Name:	Dencil Henthorn Jr.	and Mary Beth He	enthorn /
Address:	Coastal Timberlands Company	Address:			30x 197
	P.O. Box 709	_	Nev	Martinsville, WV	The state of the s
	Buckhannon, WV 26201				
	Vest Virginia Code § 22-6A-16(b), notice is hereby given wner's land for the purpose of drilling a horizontal well			ntent to enter u	pon
State:	WV	UTM NAD 83	Easting		533,896.23
County:	Wetzel		Northing		4,378,172.75
District:	Grant		Public Road Access:		Co Rt 15/2
Quadrangle:	Big Run	Genera	lly used farm name:	Coastal For	est Resources Company
Watershed:	Upper Run and North Fork				
facsimile num related to hor located at 60	Vest Virginia Code § 22-6A-16(b), this notice shall incluinber and electronic mail address of the operator and the rizontal drilling may be obtained from the Secretary, at 1 57th Street, SE, Charleston, WV 25304 (304-926-0450) eby given by: EQT Production Company	ne operator's author the WV Departmen	ized representative. Addi at of Environmental Protec v.dep.wv.gov/oil-and-gas/	tional informati ction headquart pages/default.a	ers, aspx Victoria Roark
Address:	115 Professional Place, P.O Box 280	Address:		115 Professi	onal Place, P.O Box 280
	Bridgeport, WV 26330				Bridgeport, WV 26330
Telephone:	304-848-0076	Telephone:			304-848-0076
Email:	vroark@eqt.com	Email:			vroark@eqt.com
Facsimile:	304-848-0041	Facsimile:			304-848-0041
	1				RECEIVED
	rivacy Notice: Oil and Gas processes your personal information, such	and the second second		0	
needed to co	personal information may be disclosed to other State a mply with statutory or regulatory requirements, includ secure your personal information. If you have any que	ing Freedom of Info	rmation Act requests. Our	office will	MAR 3 1 2015
	rivacy Officer at depprivacyofficer@wv.gov.			V	VV De <mark>08/28/2015</mark> ironmental Protection

Environ 8/28/2015 ection

STATE OF WEST VIRGINIA 10 3 0 3 1 0 9 DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS STATE OF WEST VIRGINIA 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. Cod	e § 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 or	wner.

6A-10(a) have NOT	been met or if the Notice of Intent to Drill requ	irement has NOT been w	aived in writing by the	surface owner.	
Notice Time Requi	rement: Notice shall be provided at least TEN (1	0) days prior to filing a p	ermit application.		
Date of Notice:		pplication Filed:	3/9/15		
Delivery method p	ursuant to West Virginia Code § 22-6A-16(b)				
_ HAND	- CERTIFIED MAIL RETU	JRN			
DELIVERY	RECEIPT REQUESTED				
Pursuant to W. Va.	Code § 22-6A-16(b), at least ten days prior to fi	ling a permit application.	an operator shall, by c	ertified mail return	
	or hand delivery, give the surface owner notice of				
	well: Provided, That notice given pursuant to s			The second of the latest the second of the s	
	s of the date the notice was provided to the sur				
	waived in writing by the surface owner. The not				
	simile number and electronic mail address of th			A CONTRACTOR OF THE PROPERTY O	
no n avanable, rac	simile number and electronic man address of the	e operator and the oper	ator s additionized repre	sentative.	
lotice is hereby or	ovided to the SURFACE OWNER(s):				
Name:	Randy Henthorne	Name:		Robin Day Duffield	
ddress:	P.O. Box 934	Address:		9670 Stone Road	
_	Olalla, WA 98359			Litchfield, OH 44253	
	0.000, 111, 2000	•		ertermera, ori 44255	
tate:	s land for the purpose of drilling a horizontal we		Easting		533,896.23
ounty:	Wetzel	UTM NAD 83	Northing		4,378,172.75
istrict:	Grant	Pub	lic Road Access:		Co. Rt. 15/2
Quadrangle:	Big Run		sed farm name:	Coastal Forest Resor	
	oper Run and North Fork	2 H 7 H 7 H 7 H 7 H		33 23 23 23 23 23 23 23 23 23 23 23 23 2	
his Notice Shall In	clude:				
	irginia Code § 22-6A-16(b), this notice shall incli	ude the name, address, t	elephone number, and	if available	
	nd electronic mail address of the operator and t				
	al drilling may be obtained from the Secretary, a		The state of the s		
	Street, SE, Charleston, WV 25304 (304-926-045				
scated at ool stan	Street, 52, Charleston, WV 25504 (504-520-045	of of by visiting www.uc	p.wv.gov/oii-aiiu-gas/p	Jages/ uerault.aspx	
lotice is hereby giv	ven hv:				
Vell Operator:	EQT Production Company	Authorized Representa	ative:		Victoria Roark
ddress:	115 Professional Place, P.O Box 280	Address:	317.57	115 Professional Pla	
	Bridgeport, WV 26330	Addiess.			Igeport, WV 26330
elephone:	304-848-0076	Telephone:		БПО	304-848-0076
mail:	vroark@eqt.com	Email:		1/1	roark@egt.com
acsimile:	304-848-0041	Facsimile:		<u>VI</u>	
bealline.	304-646-0041	racsimile:			304-848-0041D
Oil and Gar Daine	Notice			Offic	ce of Oil and
Oil and Gas Privacy		makeral Sant dan	Andrew Steeling and		DO OF CHILATE
	d Gas processes your personal information, such				MAD 9 1 2015
luties. Your person	al information may be disclosed to other State	agencies or third parties	in the normal course of	f business or as	MAR 3 1 2015

appropriately secure your personal information. If you have any questions about our use or your personal information, please contact VV Department of

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

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

STATE OF WEST VIRGINIA 10 30 3 1 0 9 DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS 0 9 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	e: 2/27/2015	Date Permit App	lication Filed:	3/9/15		
elivery meth	hod pursuant to West Virginia Cod	e § 22-6A-16(b)				
HAND DELIVE	RY CERTIFIE RECEIPT	ED MAIL RETUR TREQUESTED	RN			
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	eby provided to the SURFACE OWN		W. Co.			
Name:	William C	Clarence Henthorne	Name:		Ronnie Henthorn 8755 Chatham Road.	/
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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 regulations of Oil and Gas 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.

WV D08/28/2015 f Environmental Protection

513926

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, BAPICE OF COL ANDIGNS 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. 2/27/2015 Date Permit Application Filed: Date of Notice: 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: Ricky Dean Henthorn Russell D. Henthorn Address: Address: 116 Hamilton Street 1103 Paris Avenue Elyria, OH 44035 Port Royal, SC 29935 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 State: Easting 533,896.23 UTM NAD 83 Wetzel County: Northing 4,378,172.75 Grant District: Public Road Access: Co. Rt. 15/2 Big Run Quadrangle: Generally used farm name: Upper Run and North Fork 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 Well Operator: Authorized Representative: 115 Professional Place, P.O Box 280 115 Professional Place, P.O Box 280 Address: Address: Bridgeport, WV 26330 Bridgeport, WV 26330 304-848-0076 Telephone: Telephone: 304-848-0076 vroark@eqt.com Email: vroark@eat.com Email: 304-848-0041 304-848-0041 Facsimile: Facsimile:

Oil and Gas Privacy Notice:

RECEIVED 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 a Office of Oil and Gas needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will MAR 3 1 2015 appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WV Depa/2015 of Environmental Protection

10303109

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.

	equirement: Notice shall be provi					
Date of Notice	2/27/2015	Date Permit Ap	plication Filed:	3/9/15		
Delivery meth	od pursuant to West Virginia Cod	le § 22-6A-16(b)				
HAND	CERTIFII	ED MAIL RETUI T REQUESTED	RN			
DELIVER	HECEIP	I HEQUESTED				
receipt reques drilling a horiz of this subsect subsection ma	V. Va. Code § 22-6A-16(b), at least to sted or hand delivery, give the surf ontal well: Provided, That notice g 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 liven pursuant to su provided to the surf ace owner. The noti	f its intent to enter upon bsection (a), section ten face owner: Provided, how ice, if required, shall inclu	the surface owner of this article satisf wever, That the no ide the name, addr	's land for the purpose of ies the requirements tice requirements of this ess, telephone number,	
Notice is here	by provided to the SURFACE OWN	NER(s):	,			
Name:	Scott K. Henthorn C/O	Roshanda R. Smith	Name:		Todd W. Henthorn	
Address:	10	04 Wayneswoods Pl	Address:		1106 Hodge Drive	
Audress.						
Notice is here Pursuant to W	by given: lest Virginia Code § 22-6A-16(b), no			Call The Back of the Artist and	Beaufort, SC 29906	
Notice is here Pursuant to W the surface ow State:	G by given:	otice is hereby givering a horizontal wel		ollows:	intent to enter upon	533,896.23
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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 eguator Oil and Gas 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 MAR 3 1 2015 appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WV Dep08/28/2015 Environmental Protection

10 3 0 3 1 0 9 513926 Operator Well No.

STATE OF WEST VIRGINIA

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

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

Date of Notice	: PIAR 3 0 2013	Date Permit App	lication Filed:	MAR 3 0 2015
Delivery metho	od pursuant to West Virginia Code § 22-6	A-16(c)		0 0 2013
		ND LIVERY		
return receipt re the planned ope required to be p drilling of a horiz damages to the s	Va. 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 survided by subsection (b), section ten of this aranged 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 I hall include: (1) A conticle to a surface ow compensation agree e extent the damag	oe used for the drilling opy of this code sect oner 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.
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:	27.75	tel F Loy Name	-	Betty Maxine Hostutler
Address:	372 John		SS:	36101 Westfield Dr.
Pursuant to Wes	y given: st Virginia Code § 22-6A-16(c), notice is hereby		The second secon	
Pursuant to Wes operation on the State:	given: st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drillin WV	given that the unde	on the tract of land a Easting:	r has developed a planned s follows: 533,896.230000
Pursuant to Wes operation on the State:	given: st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drillin WV Wetzel	given that the unde g a horizontal well o UTM NAD 83	on the tract of land a Easting: Northing:	r has developed a planned s follows: 533,895.230000 4,378,172.750000
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Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes to be provided b horizontal well; a surface affected information relai	y given: st Virginia Code § 22-6A-16(c), notice is hereby to surface owner's land for the purpose of drillin WV Wetzel Grant Big Run Upper Run and North Fork I Include: st Virginia Code § 22-6A-16(c), this notice shall in the purpose of the	given that the unde g a horizontal well o UTM NAD 83 Public Road Acc Generally used nclude: (1)A copy o er whose land will be ion agreement cont nages are compensa the Secretary, at the	n the tract of land a Easting: Northing: ress: farm name: f this code section; (incomplete in conjunction aiming an offer of complete in the code in the land of the code in the land of the land o	r has developed a planned s follows: 533,895.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company 2) The information required a with the drilling of a mpensation for damages to the b of this chapter. Additional f Environmental Protection dep.wv.gov/oil-and-gas/

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory EIVED duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as of Oil and needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office of Oil and Gas appropriately secure your personal information. If you have any questions of the control of the co appropriately secure your personal information. If you have any questions about our use or your personal information, please contact MAR 3 1 2015

WV Department of Environment 28/2015 ion

Operator Well No.

10 3 0 3 1 0 9 513926

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

Notice Time Requirement: MARCE Shall be provided no later than the filing date of permit application 2 0 2015

Date of Notice			Date Permit Appl	ication Filed:	3 0 2013
Delivery metho	od pursuant to West V	irginia Code § 22	2-6A-16(c)		
	FIED MAIL RN RECEIPT REQUE		HAND DELIVERY		
return receipt re the planned ope required to be p drilling of a horiz damages to the	equested or hand delivery ration. The notice require rovided by subsection (b) zontal well; and (3) A prop surface affected by oil and	, give the surface of d by this subsection, section ten of thit posed surface use of d gas operations to	owner whose land will to on shall include: (1) A co s article to a surface ow and compensation agre o the extent the damago	e used for the drilling opy of this code sectioner whose land will be ment containing an ear compensable to	tor shall, by certified mailing 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. ecords of the sheriff at the time
Notice is hereby	provided to the SURFAC	E OWNER(s)			
at the address li	isted in the records of the	sheriff at the time	e of notice):		
Name:		Rand	Name Name	_	Robin Day Duffield
Address:			PO Box 934 Addre	SS:	9670 Stone Road
					Lichfield OH 44253
			by given that the unde	rsigned well operato	r has developed a planned
Pursuant to Wes operation on the State:		6(c), notice is here the purpose of dr V	by given that the unde illing a horizontal well o VV UTM NAD 83	on the tract of land as Easting:	r has developed a planned s follows: 533,896.230000
Pursuant to Wes operation on the State: County:	st Virginia Code § 22-6A-1	6(c), notice is here the purpose of dr V Wet	by given that the unde illing a horizontal well o VV UTM NAD 83 zel	en the tract of land as Easting: Northing:	r has developed a planned s follows: 533,896.230000 4,378,172.750000
Pursuant to Wes operation on the State: County: District:	st Virginia Code § 22-6A-1	6(c), notice is here the purpose of dr V Wet Gra	by given that the unde illing a horizontal well o VV UTM NAD 83 zel ant Public Road Acc	Easting: Northing:	r has developed a planned s follows: 533,896.230000 4,378,172.750000 Co Rt 15/2
Pursuant to Wes operation on the State: County: District: Quadrangle:	st Virginia Code § 22-6A-1	6(c), notice is here the purpose of dr V Wet Gra Big R	by given that the unde illing a horizontal well o VV UTM NAD 83 zel ant Public Road Acc	Easting: Northing:	r has developed a planned s follows: 533,896.230000 4,378,172.750000
operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided b horizontal well; surface affected information rela	Upper Run and North F Upper Run and North F	6(c), notice is here the purpose of dr Wet Gra Big R fork 6(c), this notice sh 0(b) to a surface or te use and compento the extent the	by given that the unde illing a horizontal well of VV UTM NAD 83 zel ant Public Road Accoun Generally used all include: (1)A copy of wher whose land will be usation agreement contidamages are compensation the Secretary, at the	Easting: Northing: Post of land as Easting: Northing: Post of this code section; (2) Post of this code section; (3) Post of this code section; (4) Post of this code section; (5) Post of this code section; (6) Post of this code section; (7) Post of	r has developed a planned s follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company
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	Upper Run and North F Upper Run and North F	6(c), notice is here the purpose of dr Wet Gra Big R fork 6(c), this notice sh 0(b) to a surface on to the extent the may be obtained fi SE, Charleston, W	by given that the unde illing a horizontal well of VV UTM NAD 83 zel ant Public Road Accoun Generally used all include: (1)A copy of wher whose land will be usation agreement contidamages are compensation the Secretary, at the	Easting: Northing: Post of land as Easting: Northing: Post of this code section; (2) Post of this code section; (3) Post of this code section; (4) Post of this code section; (5) Post of this code section; (6) Post of this code section; (7) Post of	r has developed a planned s follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company 2) The information required a with the drilling of a mpensation for damages to the bof this chapter. Additional f Environmental Protection dep.wv.gov/oil-and-gas/
Pursuant to Westoperation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Westo be provided be horizontal well; surface affected information related pages/default.as	Upper Run and North F Upper Run and North F Ut Virginia Code § 22-6A-1 by W. Va. Code § 22-6A-1 and (3) A proposed surfact by oil and gas operations ated to horizontal drilling a bocated at 601 57th Street, spx.	6(c), notice is here the purpose of dr Wet Gra Big R fork 6(c), this notice sh 0(b) to a surface on to the extent the may be obtained fi SE, Charleston, W	by given that the unde illing a horizontal well of VV UTM NAD 83 zel ant Public Road Accoun Generally used all include: (1)A copy of wher whose land will be usation agreement contidamages are compensation the Secretary, at the V 25304 (304-926-0456). Address:	Easting: Northing: Sess: Farm name: This code section; (2) Se used in conjunction aining an offer of corble under article sixee WV Department of the corble of the www.	r has developed a planned s follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company 2) The information required a with the drilling of a mpensation for damages to the bof this chapter. Additional f Environmental Protection dep.wv.gov/oil-and-gas/

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please confidence of Oil and Gas Office of Oil and Gas

MAR 3 1 2015 08/28/2015 WV Department of Environmental Protection

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

Date of Notice	Requirement: notice shall be provided no late e: $MAR 302015$ D	ate Permit Applic	The state of the s	MAR 3 0 2015
Delivery meth	nod pursuant to West Virginia Code § 22-6A-	16(c)		
CERT	IFIED MAIL HAN			
return receipt re the planned ope required to be p drilling of a hori 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 shap provided by subsection (b), section ten of this articizantal well; and (3) A proposed surface use and consurface affected by oil and gas operations to the conference by this section shall be given to the surface	r whose land will be all include: (1) A cop de to a surface owne ompensation agreen extent the damages	used for the drilling of this code section whose land will length to the containing an are compensable to	g of a horizontal well notice of on; (2) The information on used in conjunction with the offer of compensation for under article six-b of this chapter.
Notice is hereby	y provided to the SURFACE OWNER(s)			
	listed in the records of the sheriff at the time of no			400.41.000
Name:	William Clarence Her			Ricky Dean Henthorn
Address:	1001 N N	fain St / Address:		116 Hamilton St
			gned well operator	Elyria OH 44035
Pursuant to Wes operation on the State:	y given: st Virginia Code § 22-6A-16(c), notice is hereby giv e surface owner's land for the purpose of drilling of WV	ven that the undersi	the tract of land as Easting:	has developed a planned follows: 533,896.230000
Pursuant to Wes operation on the State: County:	y given: st Virginia Code § 22-6A-16(c), notice is hereby give se surface owner's land for the purpose of drilling of WV Wetzel	ven that the undersi a horizontal well on UTM NAD 83	the tract of land as Easting: Northing:	has developed a planned follows: 533,896.230000 4,378,172.750000
Pursuant to Wes operation on the State: County: District:	y given: st Virginia Code § 22-6A-16(c), notice is hereby give e surface owner's land for the purpose of drilling of WV Wetzel Grant	ven that the undersi a horizontal well on UTM NAD 83 Public Road Acces	the tract of land as Easting: Northing:	has developed a planned follows: 533,896.230000 4,378,172.750000 Co Rt 15/2
	y given: st Virginia Code § 22-6A-16(c), notice is hereby give se surface owner's land for the purpose of drilling of WV Wetzel	ven that the undersi a horizontal well on UTM NAD 83	the tract of land as Easting: Northing:	has developed a planned follows: 533,896.230000 4,378,172.750000
Pursuant to Wesoperation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Westo be provided the horizontal well; surface affected information relations and the state of the stat	y given: st Virginia Code § 22-6A-16(c), notice is hereby give surface owner's land for the purpose of drilling a WV Wetzel Grant Big Run Upper Run and North Fork Il Include: st Virginia Code § 22-6A-16(c), this notice shall include 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 dama ated to horizontal drilling may be obtained from the ocated at 601 57th Street, SE, Charleston, WV 253	ven that the undersi a horizontal well on UTM NAD 83 Public Road Acces Generally used fai clude: (1)A copy of the whose land will be un agreement contain ges are compensable	the tract of land as Easting: Northing: s: rm name: nis code section; (2 sed in conjunction ning an offer of cone under article six-	has developed a planned follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company) The information required with the drilling of a npensation for damages to the b of this chapter. Additional Environmental Protection
Pursuant to Westoperation on the State: County: District: Quadrangle: Watershed: This Notice Shale Pursuant to Westo be provided to horizontal well; surface affected information related the adquarters, lepages/default.as	y given: st Virginia Code § 22-6A-16(c), notice is hereby give surface owner's land for the purpose of drilling a WV Wetzel Grant Big Run Upper Run and North Fork Il Include: st Virginia Code § 22-6A-16(c), this notice shall include: 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 dama atted to horizontal drilling may be obtained from the ocated at 601 57th Street, SE, Charleston, WV 253 (Spx.)	ven that the undersi a horizontal well on UTM NAD 83 Public Road Acces Generally used far clude: (1)A copy of the whose land will be un agreement contain ges are compensable the Secretary, at the	the tract of land as Easting: Northing: s: rm name: nis code section; (2 sed in conjunction ning an offer of con e under article six- WV Department of or by visiting www.	thas developed a planned follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company) The information required with the drilling of a inpensation for damages to the b of this chapter. Additional Environmental Protection dep.wv.gov/oil-and-gas/
Pursuant to Westoperation on the State: County: District: Quadrangle: Watershed: This Notice Shale Pursuant to Westo be provided the horizontal well; surface affected information related the headquarters, let	y given: st Virginia Code § 22-6A-16(c), notice is hereby give surface owner's land for the purpose of drilling a WV Wetzel Grant Big Run Upper Run and North Fork Il Include: st Virginia Code § 22-6A-16(c), this notice shall include 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 dama ated to horizontal drilling may be obtained from the ocated at 601 57th Street, SE, Charleston, WV 253	ven that the undersi a horizontal well on UTM NAD 83 Public Road Acces Generally used far clude: (1)A copy of the whose land will be un agreement contain ges are compensable the Secretary, at the	the tract of land as Easting: Northing: s: rm name: nis code section; (2 sed in conjunction ning an offer of con e under article six- WV Department of or by visiting www.	thas developed a planned follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company) The information required with the drilling of a inpensation for damages to the b of this chapter. Additional Environmental Protection dep.wv.gov/oil-and-gas/

WW-6A5	,
(1/12)	

Operator Well No.

513926

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS 10 3 0 3 1 0 9 NOTICE OF PLANNED OPERATION

Date of Notice	equirement: r	MAR 30	2015	_ Da	ate Permit	Applicat	ion Filed:		MAR	30	2015	-
Delivery meth	od pursuant t	o West Virgin	ia Code §	22-6A-1	16(c)							
	IFIED MAIL RN RECEIP	REQUESTI	ED	HAND	O VERY							
Pursuant to W. \ return receipt re the planned ope required to be p drilling of a horiz damages to the : (d) The notices r of notice.	equested or har eration. The not provided by sub zontal well; and surface affecte required by this	d delivery, give ce required by section (b), sect (3) A proposed by oil and gas section shall be	the surface this subsection ten of the surface use operations given to the	e owner ction sha this articl se and co s to the e	whose land Il include: (1 le to a surface impensation extent the da	will be us A copy of ce owner agreeme amages ar	ed for the dri of this code se whose land w nt containing e compensab	lling of a ection; (2 ill be use an offer le under	horizor) The in ed in co of com article:	ntal we format njuncti pensat six-b of	Il notice of ion on with the ion for this chapte	
Notice is hereby at the address l				me of no	otice):							
Name:				shanda R S	/	lame:					Todd W	Henthorn
Address:				Vaynewoo		ddress:						Hodge Di
												-
Pursuant to Wes	st Virginia Code		Goldsi notice is he		en that the					ed a pl		t SC 26606
Pursuant to Wes operation on the State:	st Virginia Code		Goldsi notice is he purpose of	ereby giv	en that the of horizontal v	well on th 83				ed a pl	anned 533,89 4,378,17	6.230000 2.750000
Pursuant to Wes operation on the State: County: District:	st Virginia Code		Goldsi notice is he purpose of W	ereby giv drilling a WV /etzel Grant	en that the of the land that t	well on th 83 d Access:	e tract of land Easting: Northing:		ws:		533,89 4,378,17	6.230000 2.750000 o Rt 15/2
Pursuant to Wesoperation on the State: County: District: Quadrangle:	st Virginia Code e surface owne	's land for the p	Goldsi notice is he purpose of W	ereby giv drilling a WV /etzel	en that the of horizontal v	well on th 83 d Access:	e tract of land Easting: Northing:		ws:		anned 533,89 4,378,17	6.230000 2.750000 o Rt 15/2
Pursuant to Westoperation on the State: County: District: Quadrangle: Watershed: This Notice Shal	Upper Run a II Include: st Virginia Code	's land for the part of the pa	Goldsi notice is he purpose of W G Big	ereby giv drilling a WV /etzel Grant g Run	en that the of horizontal volume NAD Public Roa Generally	well on th 83 d Access: used farm	e tract of land Easting: Northing: n name:	as follow	vs: Coasta	l Fores	533,89 4,378,17 C t Resources	6.230000 2.750000 o Rt 15/2
Pursuant to West operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to West obe provided be horizontal well;	Upper Run a Il Include: st Virginia Code	's land for the part of the pa	notice is he purpose of W G Big this notice to a surface and comp	ereby giv drilling a WV /etzel Grant g Run shall incl	en that the of horizontal volume NAD Public Roa Generally lude: (1)A control of the control of	well on th 83 d Access: used farm opy of this will be use containin	e tract of land Easting: Northing: n name: code section d in conjunct ng an offer of o	; (2) The ion with compens	Coasta informathe dril ation fo	I Fores	533,89 4,378,17 C t Resources	6.230000 2.750000 o Rt 15/2
Pursuant to Westoperation on the State: County: District: Quadrangle: Watershed: This Notice Shale Pursuant to Westo be provided be horizontal well; surface affected information related to the surface affected the surf	Upper Run a	's land for the part of the pa	Modes notice is he purpose of the p	ereby giv drilling a WV /etzel Grant g Run shall incle e owner v eensation ne damag	en that the of horizontal volume NAD Public Roa Generally lude: (1)A convince land volume land volume land volume series are completed Secretary,	well on the 83 and Access: used farm oppy of this will be used containing pensable (), at the W	e tract of land Easting: Northing: name: code section d in conjunct ng an offer of e	; (2) The ion with compens six-b of th	informathe drill ation for chap on men	I Fores	533,89 4,378,17 C t Resources equired a ages to the ditional	6.230000 2.750000 o Rt 15/2
Notice is hereby 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, lo pages/default.as	Upper Run a Upper	's land for the part of the pa	Modes notice is he purpose of the p	ereby giv drilling a WV /etzel Grant g Run shall incle e owner v eensation ne damag	en that the of horizontal volume NAD Public Roa Generally lude: (1)A convince land volume land volume land volume series are completed Secretary,	well on the 83 and Access: used farm oppy of this will be used containing pensable (a) at the Wi-0450) or	e tract of land Easting: Northing: name: code section d in conjunct ng an offer of e	; (2) The ion with compens six-b of th t of Envir	informathe drill ation for his chap on men	I Fores ation re ling of or dam- ater. Ac tal Pro- pil-and	533,89 4,378,17 C t Resources equired a ages to the ditional	6.230000 2.750000 o Rt 15/2
Pursuant to West operation on the State: County: District: Quadrangle: Watershed: This Notice Shale Pursuant to West obe provided by horizontal well; surface affected information related pages/default.as	Upper Run a Upper	s land for the part of the sed surface used perations to the part of the Street, SE, Con Company	Modes notice is he purpose of the p	ereby giv drilling a WV /etzel Grant g Run shall incle e owner v eensation ne damag	en that the of horizontal volume NAD Public Roa Generally lude: (1)A convince land volume land volume land volume secretary, 04 (304-926-4) Addre	well on the 83 and Access: used farm oppy of this will be used containing pensable (a) at the Wi-0450) or	e tract of land Easting: Northing: n name: code section d in conjunct ig an offer of ounder article s V Department by visiting wv	; (2) The ion with compens six-b of th t of Envir	informathe drill ation for his chaponmen	I Fores ation re ling of or dam- ater. Ac tal Pro- pil-and	533,89 4,378,17 C t Resources equired a ages to the ditional	6.230000 2.750000 o Rt 15/2

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 our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of busines EIVED needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will of Oil and Gas 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.



Operator Well No.

513926

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

Notic	e Time Requirement: notice sha	all be provided	no later than the filing date of permit app	lication.
Date	of Notice: MAR 3	0 2015	Date Permit Application Filed:	MAR 3 0 2015
Deliv	ery method pursuant to West V			7 J U ZUIS
1	CERTIFIED MAIL		HAND	

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 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 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	ne SURFACE OWNER(s)		
(at the address listed in the rec	ords of the sheriff at the time of notice):		
Name:	Phillip S Wernette	/ Name:	Shirley A Edmonds & Charles R Edmond
Address:	1528 Treasure Isle Rd	Address:	22907 US Hwy 425 S
	Hot Springs National Park AZ 71913		Star City AK 7166

Notice is hereby given:

RETURN RECEIPT REQUESTED

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:

Watershed:	Upper Run and North Fork				
Quadrangle:	Big Ru	n C	Generally used fa	irm name:	Coastal Forest Resources Company
District:	Gran	t F	Public Road Acce	ss:	Co Rt 15/2
County:	Wetz	el		Northing:	4,378,172.750000
State:	W	V	JTM NAD 83	Easting:	533,896.230000
operation on th	le surface owner's fand for the purpose of onl	ing a m	onzontal well of	the tract or land as	Tullows.

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	
Telephone:	304-848-0082	Bridgeport,	WV 26330	
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 of Oil and Gas DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

MAR 3 1 2015

08/28/2015

WV Department of

Environmental Protection

Operator Well No.

513926

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

Delivery meth	od pursuant to West Virginia Code § 22-6A-	16(c)		
C. I	IFIED MAIL HAN RN RECEIPT REQUESTED DELI	D VERY		
return receipt re the planned ope required to be p drilling of a hori damages to the (d) The notices of of notice.	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 shapped by subsection (b), section ten of this artice zontal well; and (3) A proposed surface use and consurface affected by oil and gas operations to the exequired by this section shall be given to the surface.	r whose land will ball include: (1) A co cle to a surface ow compensation agre extent the damage	e used for the dri py of this code se ner whose land w ement containing s are compensab	illing of a horizontal well notice of ection; (2) The information will be used in conjunction with the gan offer of compensation for all under article six-b of this chapter.
	y provided to the SURFACE OWNER(s)			
(at the address) Name:	listed in the records of the sheriff at the time of no Coastal Forest Resource			Dencil Henthorn Jr. & Mary Beth Henthorn
			-	1923 Limestone Ridge Rd.
	Coastal Timberlands Con	nnany / Addre		
	Coastal Timberlands Con P.O. Bo			
Notice is hereboursuant to We operation on the	P.O. Bo Buckhannon, WV 2 y given: st Virginia Code § 22-6A-16(c), notice is hereby giv e surface owner's land for the purpose of drilling a	ven that the under a horizontal well o	signed well opera	New Martinsville WV 26155 ator has developed a planned d as follows:
Notice is hereby Pursuant to We operation on th State: County: District:	P.O. Bo Buckhannon, WV 2 y given: st Virginia Code § 22-6A-16(c), notice is hereby given e surface owner's land for the purpose of drilling a WV Wetzel Grant	ven that the under a horizontal well o UTM NAD 83	signed well opera n the tract of land Easting: Northing: ess:	New Martinsville WV 26155 ator has developed a planned d as follows: 533,896.230000 4,378,172.750000 Co Rt 15/2
Notice is hereb	P.O. Bo Buckhannon, WV 2 y given: st Virginia Code § 22-6A-16(c), notice is hereby given e surface owner's land for the purpose of drilling a WV Wetzel	ven that the under a horizontal well o UTM NAD 83	signed well opera n the tract of land Easting: Northing: ess:	New Martinsville WV 26155 ator has developed a planned d as follows: 533,896.230000 4,378,172.750000
Notice is hereby Pursuant to We operation on the State: County: District: Quadrangle: Watershed: This Notice Sha Pursuant to We to be provided if horizontal well; surface affected information related	P.O. Bo Buckhannon, WV 2 y given: st Virginia Code § 22-6A-16(c), notice is hereby given: e surface owner's land for the purpose of drilling a WV Wetzel Grant Big Run Upper Run and North Fork Il Include: st Virginia Code § 22-6A-16(c), this notice shall income and (3) A proposed surface use and compensation are used to horizontal drilling may be obtained from the potated at 601 57th Street, SE, Charleston, WV 253	ven that the under a horizontal well of UTM NAD 83 Public Road Acc Generally used that the under a horizontal well of UTM NAD 83 Public Road Acc Generally used that the under a horizontal well be a greement contages are compensate Secretary, at the	signed well opera n the tract of land Easting: Northing: ess: farm name: this code section used in conjunct aining an offer of ble under article	New Martinsville WV 26155 ator has developed a planned d as follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company a; (2) The information required tion with the drilling of a compensation for damages to the six-b of this chapter. Additional at of Environmental Protection
Notice is hereby Pursuant to We operation on the State: County: District: Quadrangle: Watershed: This Notice Sha Pursuant to We to be provided if horizontal well; surface affected information related	P.O. Bo Buckhannon, WV 2 y given: st Virginia Code § 22-6A-16(c), notice is hereby given: Extra Surface owner's land for the purpose of drilling and well and gas operations to the extent the dama and the docated at 601 57th Street, SE, Charleston, WV 253 spx.	ven that the under a horizontal well of UTM NAD 83 Public Road Acc Generally used that the under a horizontal well of UTM NAD 83 Public Road Acc Generally used that the under a horizontal well be a greement contages are compensate Secretary, at the	signed well operanthe tract of land Easting: Northing: ess: farm name: this code section used in conjunct sining an offer of ble under article e WV Departmen) or by visiting wy	New Martinsville WV 26155 ator has developed a planned d as follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company a; (2) The information required tion with the drilling of a compensation for damages to the six-b of this chapter. Additional at of Environmental Protection
Notice is hereby Pursuant to We operation on the State: County: District: Quadrangle: Watershed: This Notice Sha Pursuant to We to be provided I horizontal well; surface affected information relations	P.O. Bo Buckhannon, WV 2 y given: st Virginia Code § 22-6A-16(c), notice is hereby given: e surface owner's land for the purpose of drilling a WV Wetzel Grant Big Run Upper Run and North Fork Il Include: st Virginia Code § 22-6A-16(c), this notice shall income and (3) A proposed surface use and compensation are used to horizontal drilling may be obtained from the potated at 601 57th Street, SE, Charleston, WV 253	ven that the under a horizontal well of UTM NAD 83 Public Road Acc Generally used that the under the unde	signed well operanthe tract of land Easting: Northing: ess: farm name: this code section used in conjunct aining an offer of ble under article e WV Departmen) or by visiting wx	New Martinsville WV 26155 ator has developed a planned d as follows: 533,896.230000 4,378,172.750000 Co Rt 15/2 Coastal Forest Resources Company a; (2) The information required tion with the drilling of a compensation for damages to the six-b of this chapter. Additional at of Environmental Protection ww.dep.wv.gov/oil-and-gas/

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

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

appropriately secure your personal information. If you have any questions about our use or your personal information, please contact EIVED

MAR 3 1 2015

Office of Oil and Gas

WV Depa/28/2015 Environmental Protection Operator Well No.

10303109

STATE OF WEST VIRGINIA

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

Notice Time Re Date of Notice	equirement: n :	MAR 3 0	provided 2015	no later Da	than th	e filing nit Appl	date of pe	ermit app led:	plicatio	MAR	3 0	2015	
Delivery meth	od pursuant to	West Virgini	ia Code §	22-6A-1	16(c)								
	FIED MAIL RN RECEIPT	REQUESTE		HAND									
Pursuant to W. Vereturn receipt re the planned ope required to be produling of a horized damages to the self). The notices reof notice.	quested or han ration. The noti rovided by subs contal well; and surface affected	d delivery, give ce required by t ection (b), secti (3) A proposed by oil and gas o	the surface this subsection ten of the surface use operations	ce owner of ction shall this article se and cor s to the ex	whose la Il include le to a sur mpensati xtent the	nd will b : (1) A co rface ow ion agre damage	e used for opy of this ner whose ement con es are comp	the drilling code section that will obtaining an pensable	ng of a h ion; (2) be used n offer o under a	norizonta The info I in conj of compe rticle six	al well ormatio unctio ensatio (-b of t	notice or on n with th on for his chapt	e er.
Notice is hereby													
(at the address li	isted in the reco				5 15 7	I Mama			Minla	V Novem		d Danald	M Noumar
Name: Address:		Terry L Henthorn	ie & Katheri	and the second		Name: Addre	_		Viola	K Newn	ian an		M Newmar olin Run Ro
Address.				RT 20 Box	X 303	Addre						2410 00	olin null nu
Pursuant to Wes	t Virginia Code		notice is he		en that th		5 P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						lle WV 26155
Pursuant to Wes operation on the State:	t Virginia Code		notice is he ourpose of (ereby give drilling a WV	en that th	al well o	n the tract Easti	t of land a ing:				nned 533,	396.230000
Pursuant to Wes operation on the State: County:	t Virginia Code		notice is he ourpose of t	ereby give drilling a WV /etzel	en that th horizont UTM N	al well o AD 83	n the tract Easti Norti	t of land a				nned 533,	396.230000 172.750000
Pursuant to Wes operation on the State: County: District:	t Virginia Code		notice is he ourpose of o W	ereby give drilling a <u>WV</u> /etzel Grant	en that th horizont UTM NA Public F	al well o AD 83 Road Acc	n the tract Easti North	t of land a ing: hing:	s follow	75:	d a pla	533,i 4,378,	396.230000 172.750000 Co Rt 15/2
Pursuant to Wes operation on the State: County: District: Quadrangle:	t Virginia Code	s land for the p	notice is he ourpose of o W	ereby give drilling a WV /etzel	en that th horizont UTM NA Public F	al well o AD 83 Road Acc	n the tract Easti Norti	t of land a ing: hing:	s follow	75:	d a pla	533,i 4,378,	396.230000 172.750000
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shal Pursuant to Wes to be provided bhorizontal well; a surface affected information rela headquarters, lo	Upper Run ar	d North Fork \$ 22-6A-16(c), to \$ 22-6A-10(b) to sed surface use perations to the al drilling may be	motice is he ourpose of ourpose of ourpose of ourpose of ourpose of ourpose extent the obtained	ereby give drilling a WV Vetzel Grant g Run shall incle e owner w pensation ne damag d from the	en that the horizont UTM Not Public Reneral lude: (1)A whose land agreement ges are colle Secreta	al well of AD 83 Road Acc Ily used A copy of d will be ent conta impensa ary, at th	ess: farm name this code: used in co	section; (2 onjunction article six- artment o	2) The ir n with the mpensa to of this	Coastal I	on record damager. Add	533,1 4,378,. Resource quired ges to the litional ection	396.230000 172.750000 Co Rt 15/2 2s Company
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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; is surface affected information rela headquarters, lo pages/default.as Well Operator: Telephone: Email:	Upper Run ar Upper	s land for the point of the poi	motice is he ourpose of ourpose of ourpose of ourpose of ourpose of ourpose extent the obtained	ereby give drilling a WV Vetzel Grant g Run shall incle e owner w pensation ne damag d from the	en that the horizont UTM Not Public For General Notes I and a agreeme ges are cone Secreta D4 (304-9	al well of AD 83 Road Acc Illy used A copy of d will be ent conta impensa ary, at the 26-0450 dress:	ess: farm name this code: used in coaining an o ble under a e WV Depa	section; (2 section; (2 onjunction offer of cor article six- artment o iting www	2) The ir n with th mpensa to of thi of Enviro	Coastal I	on receion rec	533,1 4,378,. Resource quired ges to the litional ection	396.230000 172.750000 Co Rt 15/2 2s Company

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 VED duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business of Oil and Gas needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office wice of Oil and Gas 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)

Date of Notice:

Operator Well No.

513926

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS 0 3 0 3 1 0 9 NOTICE OF PLANNED OPERATION

Date Permit Application Filed:

Notice Time Requirement protices hall be provided no later than the filing date of permit application.

belivery metho	od pursuant to west virginia c								
	FIED MAIL RN RECEIPT REQUESTED		HAND DELIVER	RY					
return receipt rec the planned oper required to be pr drilling of a horiz damages to the s	a. Code § 22-6A-16(c), no later the quested or hand delivery, give the ration. The notice required by this rovided by subsection (b), section ontal well; and (3) A proposed sur surface affected by oil and gas ope equired by this section shall be give	e surface s subsect ten of th rface use erations	owner who ion shall inc his article to and compe to the exten	se land volude: (1) a surface ansation a	A copy owner greem nages a	sed for the drilling of this code sect whose land will ent containing are compensable	ng of a horizon ion; (2) The in be used in cor n offer of comp under article s	ital well no formation njunction w pensation f ix-b of this	vith the for chapter.
Notice is hereby	provided to the SURFACE OWNE	R(s)							
at the address lis	sted in the records of the sheriff a	t the tin	ne of notice	: /					
Name:		V	esta G Kessler	/ Na	me:			Avis A Ame	ett & Fred J Arn
Address:		332	Van Deman S	Ac	dress:			3	85 Greenwood
	Wash	hington C	H., OH 43160)					Newport OH 431
operation on the State:	given: t Virginia Code § 22-6A-16(c), noti surface owner's land for the purp	oose of d	rilling a hor		ell on ti	ne tract of land a Easting:			533,896.2300
Pursuant to West operation on the	t Virginia Code § 22-6A-16(c), noti	oose of d We	rilling a hor WV UT etzel rant Pu	izontal w	ell on ti	ne tract of land a Easting: Northing:	s follows:	4	
Pursuant to West operation on the State: County: District: Quadrangle:	t Virginia Code § 22-6A-16(c), noti	oose of d We	rilling a hor WV UT etzel rant Pu	izontal w M NAD 8 blic Road	ell on ti	ne tract of land a Easting: Northing:	s follows:	4	533,896.2300 3,378,172.7500 Co Rt 15
Pursuant to West operation on the State: County: District: Quadrangle: Watershed: Fhis Notice Shall Pursuant to West to be provided by horizontal well; a surface affected i	Upper Run and North Fork Upper Run and North Fork Include: t Virginia Code § 22-6A-16(c), this y W. Va. Code § 22-6A-10(b) to a and (3) A proposed surface use and by oil and gas operations to the extent to horizontal drilling may be occated at 601 57th Street, SE, Charles	We G Big notice s surface of d compextent the btained	rilling a hor WV UT etzel rant Pu Run Ge hall include owner whose ensation agree damages a from the Se	izontal w M NAD 8 blic Road nerally u : (1)A cop e land wi eement c re compe cretary, a	Access sed farm by of thi II be us containi ensable at the W	ne tract of land a Easting: Northing: : n name: s code section; () ed in conjunction ng an offer of co under article six // Department of	Coastal 2) The information with the drill mpensation for this chap of Environment	Forest Resistion requiring of a redamages ter. Additional Protecti	533,896.2300 6,378,172.7500 Co Rt 15 sources Compa red to the onal
Pursuant to West operation on the state: County: District: Quadrangle: Watershed: Pursuant to West to be provided by norizontal well; a surface affected information relationages/default.asp	Upper Run and North Fork Include: t Virginia Code § 22-6A-16(c), notic Upper Run and North Fork Include: t Virginia Code § 22-6A-16(c), this y W. Va. Code § 22-6A-10(b) to a and (3) A proposed surface use and by oil and gas operations to the extent of the content of the co	We G Big notice s surface of d compextent the btained	rilling a hor WV UT etzel rant Pu Run Ge hall include owner whose ensation agree damages a from the Se	izontal w M NAD 8 blic Road nerally u c: (1)A cop e land w eement c re compe cretary, a 04-926-0	Access sed farm	ne tract of land a Easting: Northing: : n name: s code section; () ed in conjunction ng an offer of co under article six V Department of by visiting www.	Coastal 2) The information with the drill mpensation for this chap of Environment and environ	Forest Resistion requiring of a r damages ter. Additional Protection of the control of the contr	533,896.2300 6,378,172.7500 Co Rt 15 sources Compa red to the onal
Pursuant to West operation on the State: County: District: Quadrangle: Watershed: Pursuant to West to be provided by norizontal well; a surface affected information relative adquarters, longages/default.as	Upper Run and North Fork Include: t Virginia Code § 22-6A-16(c), notic Upper Run and North Fork Include: t Virginia Code § 22-6A-16(c), this y W. Va. Code § 22-6A-10(b) to a and (3) A proposed surface use and by oil and gas operations to the extent ted to horizontal drilling may be o cated at 601 57th Street, SE, Charl px. EQT Production Company	We G Big notice s surface of d compextent the btained	rilling a hor WV UT etzel rant Pu Run Ge hall include owner whose ensation agree damages a from the Se	izontal w M NAD 8 blic Road nerally u c: (1)A cop e land w eement c re compe cretary, a 04-926-0	Access sed farm	ne tract of land a Easting: Northing: : n name: s code section; () ed in conjunction ng an offer of co under article six IV Department of by visiting www.	Coastal 2) The information with the drill mpensation for this chap of Environment and environ	Forest Resistion requiring of a r damages ter. Additional Protection of the control of the contr	533,896.2300 6,378,172.7500 Co Rt 15 sources Compa red to the onal
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Pursuant to West operation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West to be provided by horizontal well; a surface affected linformation relationed pages/default.as Well Operator: Telephone:	Upper Run and North Fork Include: t Virginia Code § 22-6A-16(c), notic Upper Run and North Fork Include: t Virginia Code § 22-6A-16(c), this y W. Va. Code § 22-6A-10(b) to a and (3) A proposed surface use and by oil and gas operations to the extent ted to horizontal drilling may be o cated at 601 57th Street, SE, Charl px. EQT Production Company	We G Big notice s surface of d compextent the btained	rilling a hor WV UT etzel rant Pu Run Ge hall include owner whose ensation agree damages a from the Se	izontal w M NAD 8 blic Road nerally u c: (1)A cop e land w eement c re compe cretary, a 04-926-0	Access sed farm of the Work on taining ensable at the Work of the	ne tract of land a Easting: Northing: : n name: s code section; () ed in conjunction ng an offer of co under article six IV Department of by visiting www.	Coastal 2) The information with the drill mpensation for this chap of Environment and environ	Forest Resistion requiring of a r damages ter. Additional Protection of the control of the contr	533,896.2300 6,378,172.7500 Co Rt 15 sources Compa red to the onal
Pursuant to West operation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to West to be provided by horizontal well; a surface affected landormation relationed pages/default.ass Well Operator: Telephone: Email:	Upper Run and North Fork Upper Run and North Fork Include: t Virginia Code § 22-6A-16(c), this y W. Va. Code § 22-6A-10(b) to a and (3) A proposed surface use and by oil and gas operations to the extent of the content of the cont	We G Big notice s surface of d compextent the btained	rilling a hor WV UT etzel rant Pu Run Ge hall include owner whose ensation agree damages a from the Se	izontal w M NAD 8 blic Road nerally u c (1)A cop e land w eement c re compe cretary, a 04-926-0	Access sed farm of the Work on taining ensable at the Work of the	ne tract of land a Easting: Northing: In name: In name: In conjunction an offer of counder article six I/V Department or by visiting www. I5 Professional F	Coastal 2) The information with the drill mpensation for this chap of Environment and environ	Forest Resistion requiring of a r damages ter. Additional Protection of the control of the contr	533,896.2300 6,378,172.7500 Co Rt 15 sources Compa red to the onal
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needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office of Oil and Gas

appropriately secure your personal information. If you have any questions about our use or your personal information, please contact

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

WV Department of Environment 28/28/2015 on

MAR 3 1 2015

Operator Well No.

513926

STATE OF WEST VIRGINIA

	NOTICE OF	PLANNELL OPERA	TION		
Notice Time	Requirement: notice shall be provided no	the second second second second		plication	
Date of Notic		Date Permit Appl		March	30,15
Delivery met	hod pursuant to West Virginia Code § 22-	6A-16(c)			
		AND			
		ELIVERY			
return receipt r the planned op required to be drilling of a hor damages to the	Va. Code § 22-6A-16(c), no later than the date requested or hand delivery, give the surface or teration. The notice required by this subsection provided by subsection (b), section ten of this rizontal well; and (3) A proposed surface use are surface affected by oil and gas operations to the required by this section shall be given to the surface.	vner whose land will be a shall include: (1) A co article to a surface ow ad compensation agree the extent the damage	e used for the drilli py of this code sect ner whose land will ement containing ar s are compensable	ng of a horizontal w ion; (2) The informa be used in conjunc n offer of compensa under article six-b o	rell 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	of notice):			
Name:		Name:			Ronnie Henthorn
Address:					
Address:		Addres	5:		8755 Charham Rd
t Notice is hereby		= =			Medina OH 44256
Notice is hereby Pursuant to Wes	st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drilli	given that the unders	igned well operator the tract of land as	r has developed a p s follows:	Medina OH 44256
Notice is hereby Pursuant to Wes operation on the State:	st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drilli WV	given that the unders ng a horizontal well or UTM NAD 83	signed well operator the tract of land as Easting:	r has developed a p s follows:	Medina OH 44256 lanned 533,896.230000
Notice is hereby Pursuant to Wes operation on the State: County:	st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drilli WV Wetzel	given that the unders ng a horizontal well or UTM NAD 83	signed well operato the tract of land as Easting: Northing:	r has developed a p follows:	Medina OH 44256 Janned 533,896.230000 4,378,172.750000
Notice is hereby Pursuant to Wes operation on the State: County: District:	st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drilli WV Wetzel Grant	given that the undersing a horizontal well or UTM NAD 83 Public Road Acce	signed well operato the tract of land as Easting: Northing:	follows:	Medina OH 44256 Janned 533,896.230000 4,378,172.750000 Co Rt 15/2
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Notice is hereby Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed:	st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drilli WV Wetzel Grant Big Run Upper Run and North Fork	r given that the undersing a horizontal well or UTM NAD 83 Public Road Acce Generally used fa	signed well operator the tract of land as Easting: Northing:	coastal Fores	Medina OH 44256 Ilanned 533,896.230000 4,378,172.750000 Co Rt 15/2 st Resources Company
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Notice is hereby Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes to be provided be	st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drilli WV Wetzel Grant Big Run Upper Run and North Fork I Include: st Virginia Code § 22-6A-16(c), this notice shall by W. Va. Code § 22-6A-10(b) to a surface own and (3) A proposed surface use and compensate	r given that the undersing a horizontal well or UTM NAD 83 Public Road Acce Generally used findude: (1)A copy of the the whose land will be stion agreement contails	signed well operator the tract of land as Easting: Northing: sss: arm name: his code section; (2	Coastal Fores The information rewith the drilling of appensation for dam	Medina OH 44256 Ilanned 533,896.230000 4,378,172.750000 Co Rt 15/2 st Resources Company equired a ages to the
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Notice is hereby Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes to be provided b horizontal well; a surface affected information relat	st Virginia Code § 22-6A-16(c), notice is hereby e surface owner's land for the purpose of drilli WV Wetzel Grant Big Run Upper Run and North Fork I Include: st Virginia Code § 22-6A-16(c), this notice shall by W. Va. Code § 22-6A-10(b) to a surface own and (3) A proposed surface use and compensation by oil and gas operations to the extent the darted to horizontal drilling may be obtained from	r given that the undersing a horizontal well or UTM NAD 83 Public Road Accelled Generally used factorially	signed well operator the tract of land as Easting: Northing: SSS: arm name: this code section; (2 used in conjunction ning an offer of com le under article six-le WV Department of	Coastal Fores The information rewith the drilling of the coastal for dame to of this chapter. Ac Environmental Pro	Medina OH 44256 Ilanned 533,896.230000 4,378,172.750000 Co Rt 15/2 st Resources Company equired a ages to the diditional tection
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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 or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act request appropriately secure your personal information. If you have any questions about our use or your personal information please and the control of the control o DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

APR 0'3 2015

Operator Well No.

513926

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

NOTICE OF PLANNED OPERATION

Date of Notice	: MAR 3 0 2015 D			MAR 3 0 2015
Delivery metho	od pursuant to West Virginia Code § 22-6A-	·16(c)		
	FIED MAIL HAN RN RECEIPT REQUESTED DELI	D IVERY		
return receipt re the planned ope required to be po drilling of a horiz damages to the s	/a. Code § 22-6A-16(c), no later than the date for equested or hand delivery, give the surface owner ration. The notice required by this subsection sharovided by subsection (b), section ten of this artice tontal well; and (3) A proposed surface use and contains affected by oil and gas operations to the equired by this section shall be given to the surface	r whose land will b all include: (1) A co cle to a surface ow ompensation agre extent the damage	e used for the drilli py of this code sec ner whose land will ement containing a es are compensable	ng of a horizontal well notice of tion; (2) The information I be used in conjunction with the n offer of compensation for under article six-b of this chapter.
Notice is hereby	provided to the SURFACE OWNER(s)			
	isted in the records of the sheriff at the time of n	otice):		
Name:	Russell D Her	nthorn Name:		Scott K Henthorn c/o Roshanda R Smit
Address:	1103 Par	ris Ave Addre	ss:	104 Waynewoods I
	A.Z. Sales			
Pursuant to Wes operation on the	given: It Virginia Code § 22-6A-16(c), notice is hereby gives surface owner's land for the purpose of drilling www.	ven that the under	2.30	and the second of the second o
	given: It Virginia Code § 22-6A-16(c), notice is hereby gives a surface owner's land for the purpose of drilling	ven that the under a horizontal well o	n the tract of land a Easting: Northing:	or has developed a planned as follows:
Pursuant to Wes operation on the State: County:	given: t Virginia Code § 22-6A-16(c), notice is hereby gives surface owner's land for the purpose of drilling WV Wetzel	ven that the under a horizontal well o UTM NAD 83	n the tract of land a Easting: Northing:	or has developed a planned as follows: 533,896.23000 4,378,172.75000
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Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes to be provided bhorizontal well; a surface affected information relations.	r given: It Virginia Code § 22-6A-16(c), notice is hereby gives surface owner's land for the purpose of drilling: WV Wetzel Grant Big Run Upper Run and North Fork I Include: It Virginia Code § 22-6A-16(c), this notice shall include: It 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 dama ted to horizontal drilling may be obtained from the cated at 601 57th Street, SE, Charleston, WV 253	ven that the under a horizontal well o UTM NAD 83 Public Road Acc Generally used clude: (1)A copy of whose land will be in agreement conta iges are compensa he Secretary, at th	n the tract of land a Easting: Northing: ess: farm name: this code section; (used in conjunction sining an offer of coolining and article sixe e WV Department of	or has developed a planned as follows: 533,896.23000 4,378,172.75000 Co Rt 15/ Coastal Forest Resources Compan (2) The information required a with the drilling of a sempensation for damages to the coordinate of this chapter. Additional of Environmental Protection
Pursuant to Wes operation on the State: County: District: Quadrangle: Watershed: This Notice Shall Pursuant to Wes to be provided b horizontal well; a surface affected information relationages/default.as	given: It Virginia Code § 22-6A-16(c), notice is hereby gives surface owner's land for the purpose of drilling wv Wetzel Grant Big Run Upper Run and North Fork I Include: It Virginia Code § 22-6A-16(c), this notice shall include: It 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 dama ted to horizontal drilling may be obtained from the cated at 601 57th Street, SE, Charleston, WV 253 (52).	ven that the under a horizontal well o UTM NAD 83 Public Road Acc Generally used clude: (1)A copy of whose land will be n agreement conta ges are compensa he Secretary, at th	n the tract of land a Easting: Northing: ess: farm name: this code section; (used in conjunctio bining an offer of co ble under article six e WV Department of) or by visiting www	or has developed a planned as follows: 533,896.23000 4,378,172.75000 Co Rt 15/ Coastal Forest Resources Compan (2) The information required a with the drilling of a sompensation for damages to the cob of this chapter. Additional of Environmental Protection v.dep.wv.gov/oil-and-gas/
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MAK 5 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

WV Department of

WV Department of

WW-6A5



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

June 30, 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 BIG190 Pad Site, Wetzel County

513504 BIG190H1 513505 BIG190H2 513506 BIG190H3 513507 BIG190H4 513508 BIG190H5 513509 BIG190H6 513923 BIG190H7 513924 BIG190H8 513929 BIG190H13 513930 BIG190H14 513931 BIG190H15 513932 BIG190H16 513933 BIG190H17 513934 BIG190H18

Dear Mr. Martin,

This well site will be accessed from existing Permit # 06-2013-0437 issued to EQT Production Company for access to the State Road for a well site located off of Wetzel County Route 72 SLS.

The operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

Bay K. Clayton, P.E.

Regional Maintenance Engineer Central Office O&G Coordinator

Cc: Nick Bumgardner

EQT Production Company CH, OM, D-6, File

E.E.O./AFFIRMATIVE ACTION EMPLOYER

RECEIVED
Office of Oil and Gas

MAR 3 1 2015

WV Departmental Protection

Anticipated Frac Additives $\mathbf{q} \ \mathbf{0} \ \mathbf{3} \ \mathbf{0} \ \mathbf{3} \ \mathbf{1} \ \mathbf{0} \ \mathbf{S}$ 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

Received Office of Oil & Gas MAR 3 1 2015

Anticipated Frac Additives Chemical Names and CAS numbers

10303109

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

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DMH 4-6-15

RECEIVED
Office of Oil and Gas

APR 0 9 2015

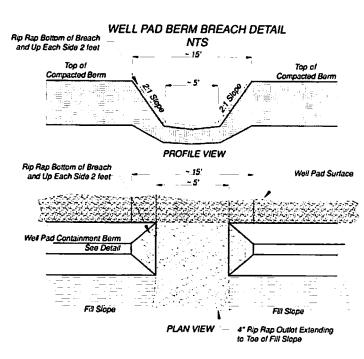
WV Department of Environmental Protection

08/28/2015

GRID NORTH AND SURVEYED ELEVATIONS SHOWN WERE ESTABLISHED BY SURVEY GRADE GPS AND GROUND BASED SCANNING LIDR SCANNED 5-15-12

WAP 3 I 2015

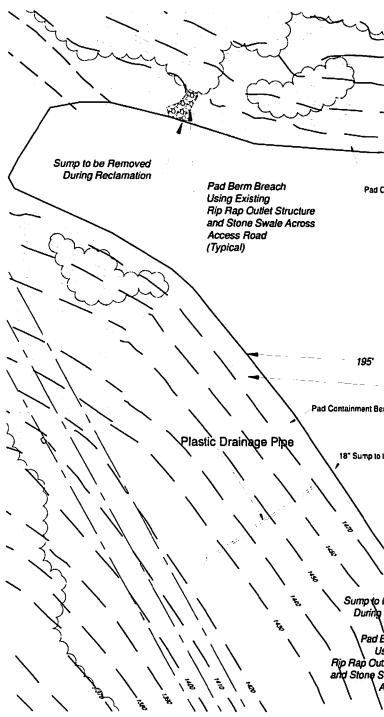
Received Office of Oil & Gas



60120201

BIG 190 WELL PAD RECI EQT PRODUCTION

NEAR PINE GROVE IN GRA WETZEL COUNTY, WES



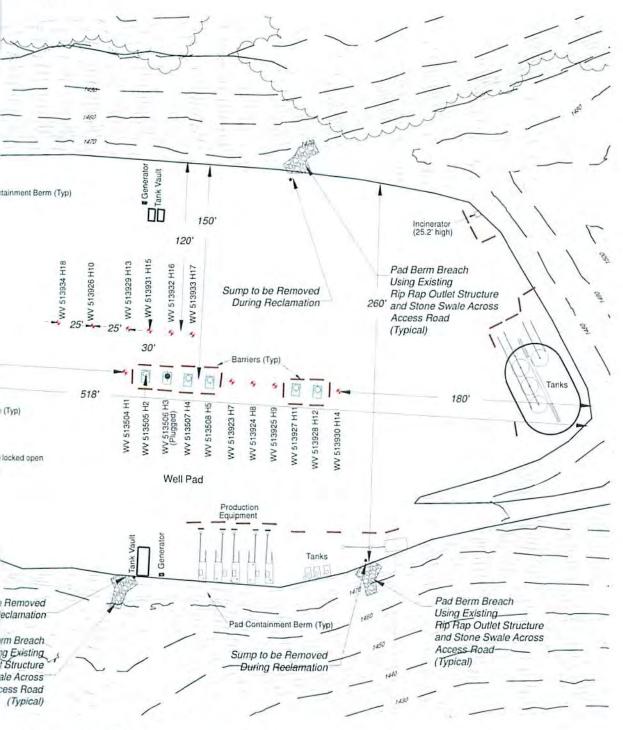
*NOTE: An additional 15 tons of 4" Rip Rap is required for pad outlet structures.

*NOTE: No Additional Grading Will be Done for Reclamation

*NOTE: Impoundments will be reclaimed per the Richwood FW Reclamation Plan 08/28/2015

AMATION PLAN COMPANY

NT DISTRICT **VIRGINIA**



Legend

Existing 1' Contour Existing 5' Contour Existing Tree Line Edge of Grave/Pad Well Drilled
Well Plugged
Well Proposed
Well Permitted - Not Drilled



TERPRISES, INC. PH: 304-257-4818 FAX: 304-257-2224





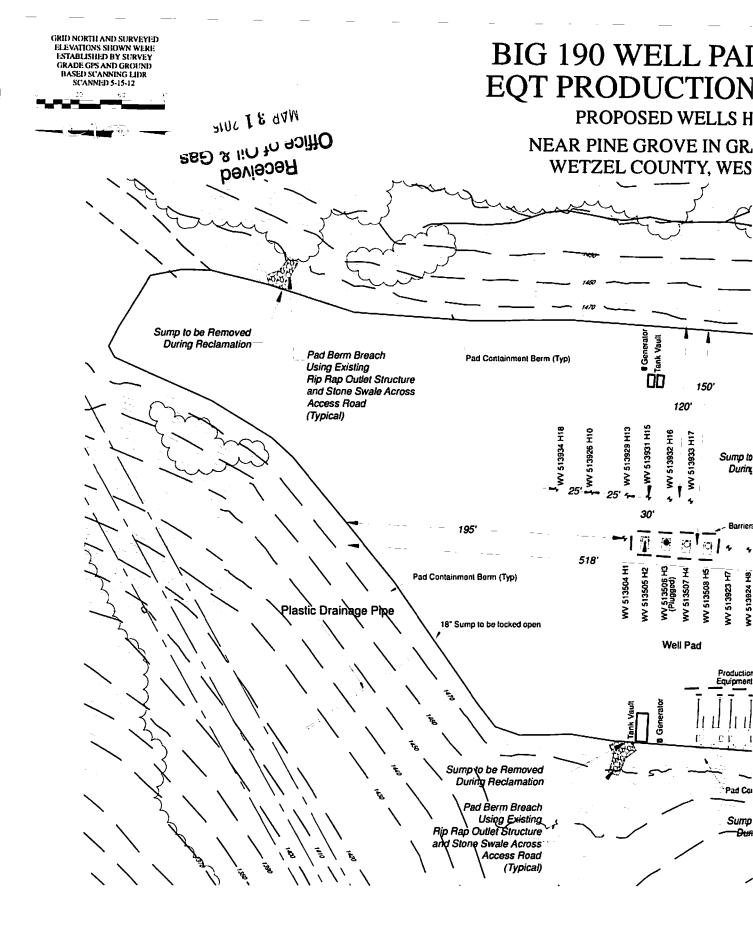
THIS DOCUMENT PREPARED FOR EQT PRODUCTION COMPANY

> RECLAMATION PLAN BIG 190 WELL PAD GRANT DISTRICT WETZEL COUNTY, WV

Date: 2/12/15 Scale: 1"= 30"

08/28/2015 File No. 212/10

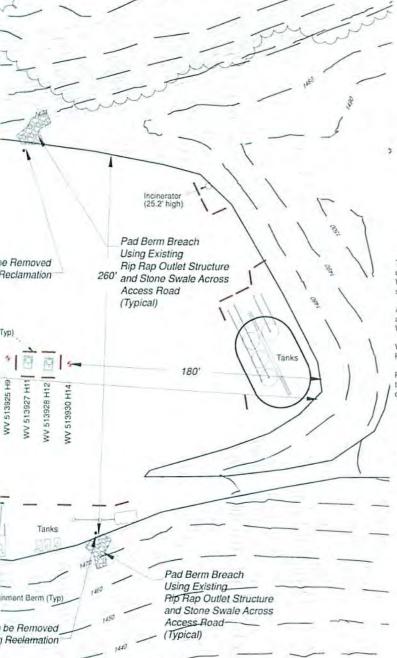
Page 1 of 1



AS-BUILT **COMPANY**

0 & H18

NT DISTRICT VIRGINIA



10303109

	W	Vell Tabl	e
API	API EQT Well Number		Status
47-103-02727	WV 513504	H1	Permitted - Not Drilled
47-103-02728	WV 513505	H2	Drilled
47-103-02729	WV 513506	Н3	Plugged
47-103-02730	WV 513507	H4	Drilled
47-103-02731	WV 513508	H5	Drilled
47-103-02732	WV 513923	H7	Permitted - Not Drilled
47-103-02733	WV 513924	H8	Permitted - Not Drilled
47-103-02734	WV 513925	H9	Permitted - Not Drilled
47-103-02735	WV 513927	H11	Drilled
47-103-02736	WV 513928	H12	Drilled
47-103-02856	WV 513930	H14	Permitted - Not Drilled
47-103-03020	WV 513929	H13	Permitted - Not Drilled
47-103-03021	WV 513931	H15	Permitted - Not Drilled
47-103-03022	WV 513932	H16	Permitted - Not Drilled
47-103-03023	WV 513933	H17	Permitted - Not Drilled

	Pro	posed W	ells
API	EQT Well N	umber	Status
	WV513926	H10	Proposed for Permitting
	WV 513934	H18	Proposed for Permitting

This As-built is provided as support documentation for the permitting of two (2) new horizontal wells on the Existing BIG 190 Well Pad. Wells H10 and H18. H18 was previously submitted at a position south of H17 but is now moved to the position shown

A previous As-built was submitted on 6/26/12 to add Well H14 and an additional As-built was submitted on 11/1/13 to add Wells H13, H15, H16, H17, and H18

Water for the Proposed Wells will be provided by the adjacent Richwood Freshwater Impoundment and BIG 190 Flowback Pit.

Prior to Drilling Operations, the pad containment berms will be repaired and the old access road entrance closed to ensure full secondary containment on the well pad.

As-Built Design Certification

The drawings, notes, and reference diagrams attached hereto have been prepared in accordance with the West Virginia Code of State Rules, Division of Environmental Protection, Office of Oil and Gas § CSR 35-8.



L&W ENTERPRISES, INC

PO BOX 826
14 SOUTH GROVE ST. FAX: 30-PETERSBURG, WV 26847
EMAIL: KIRKWILSONLW@OUTLOOK.COM NO 1243



THIS DOCUMENT PREPARED FOR EQT PRODUCTION COMPANY

> Proposed Wells H10 & H18 BIG 190 WELL PAD GRANT DISTRICT WETZEL COUNTY, WV

Date: 2/12/15

Scale: 1"= 30" 08/28/2015 File No. 212-10

Page 1 of 1

Legend

Existing 1' Contour Existing 5' Contour Existing Tree Line Fence Edge of Gravel/Pad

Well Drilled Well Plugged Well Proposed Well Permitted - Not Drilled

BIG 190

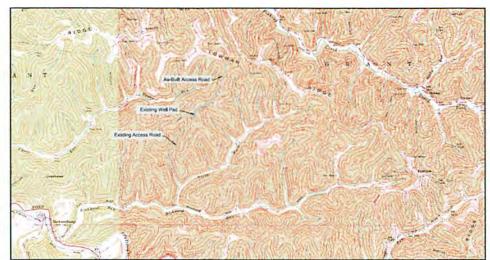
AS-BUILT ACCESS ROAD PLANS **EQT PRODUCTION COMPANY**











47-103-02727 47-103-02728

AFFECTED TAX PARCELS: 13-46, & 17-14 GRANT DISTRICT, WETZEL COUNTY, WV TM 13 - PCL 46 Denoil Henthorn Jr. et al. DB 396 PG 447 99 Acres

TM 17 - PCL 14 Coastal Lumber Co.

47-103-02730 47-103-02731 47-103-02732

(Affected area from Proposed Access Road = 1,910 feet, 2.64 Acres). (Affected area of Timber Clearing = 1.27 Acres).

(Affected area from Proposed Access Road =2,159 feet, 4.45 acres) (Affected area of Timber Clearing = 2.99 Acres)

WELL LEGEND

47-103-02733

47-103-02734 47-103-02735

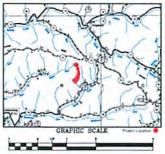
47-103-02736 47-103-02856

FLOODPLAIN CONDITIONS DO SITE CONSTRUCTOR ACTIVITIES TAKE PLACE IN FLOODPLAIN

	A THE PERSON NAMED IN THE	1110
PERMIT NEEDED FROM COUNTY FL	OODPLAIN COORDINATOR	, NO
HEC-RAS STUDY COMPLETED		NA
FLOODPLAIN SHOWN ON DRAWING	5	N/A
FIRM MAP NUMBER(S) FOR SITE	54103C0215C	
ACREAGES OF CONSTRUCTION IN	LOODFLAIN	N/A

MISS Utility of West Virginia 1-800-245-4848 West Virginia State Law (Section XIV: Chapter 24-C) Requires that you call two business days before you dig in the state of West Virginia. IT'S THE LAW!!





Design Cartification The drawings, construction roles, and reference diagrams attached benefit have been prepared in accordance with the West Wyglink Close of State Rules. Dention of Environmental Protection, Office of Ol and Gas \$35.4-21.

WVDEP OOG ACCEPTED AS-BUILT

Surveyor & Engineer Ben Singleton - PS - Alleghany Surveys inc 304-649-8606 Off

Ton Conthers - PE, PS - Hornor Brothers Engineers 304-524-5445 Office

VAJ 8/27/2015

SHEET INDEX

COVER SHEET / LOCATION MAP. AS-BURLT SITE PLANS. AS-BURLT ROAD PROFILE.

As-Built Certification:

These drawings have been prepared from actual field surveys and reflect the locations and as-built conditions known to exist following construction of this site, to the best of my knowledge.



Engineers

BIG 190
ALTERNATE ACCESS ROAD

1.16-3014 Scale, AS SHOW

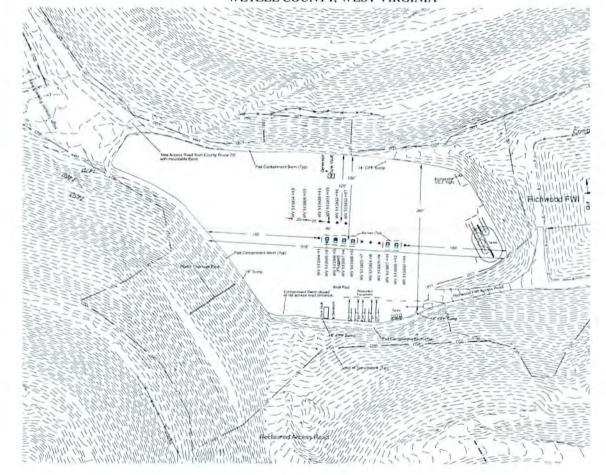
GRID NORTH AND SURVEYED ELEVATIONS SHOWN WERE ESTABLISHED BY SLEVEY (RADE GPS AND GEGEND BASED SEANING LIDIN SCANNED S-15-12 50 100 155

BIG 190 WELL PAD AS-BUILT EQT PRODUCTION COMPANY

PROPOSED WELLS H10 & H18

NEAR PINE GROVE IN GRANT DISTRICT WETZEL COUNTY, WEST VIRGINIA





	Minnahir Sero Dead	
	to the second of the second se	
Amon Frant	Serverand Frii	Mell Pa
	Alia 45 Amp	

Measurable Steem, which he assurance 20 wide and 2 largues than the Well Pad markets and previous assurance water Steem Steward size the well pad. Stations were shall with Steem Steward and the second of 40 March and

Well Table						
API	EQT Well No	imber	Status			
47-103-02727	WV:513504	HI	Permytted - Not Dolled			
47-103-02778	WV 518905	142	Delled			
47-103-02779	WV 513506	H3.	Plugged			
47-103-02730	WV513527	144	Drilled			
47-103-02791	WV 533508	reti	Drilled			
47-103-(2712	WV STERRE	147	Permitted - Not Drilled			
47-103-02733	WV 313926	148	Fermitted - Not Drilled			
47-303-02734	WV 511925	-63	Fermitted - Not Dolled			
47-103-02735	WV 513927	1411	Oritled			
47-203-02736	WV 513926	H12	Orillest			
47-103-02356	WV 513930	HIA	Permitted - Not Deibed			
47-103-03020	WV 513929	H13	Permitted - Not Onlied			
47-108-03071	WV 511931	H15	Fermitted - Not Drilled			
47-103-03022	WV-513/137	H16	Permitted - Not Dalled			
47-103-03023	WV 513933	1417	Permitted - Not Drilled			

	Proposed Wells			
API	EQT Well Number		Status	
	WV513926	H10	Proposed for Permitting	
-	WV 513034	1118	Proposed for Permitting	

This As-built is provided as support documentation for the permitting of two (2) new hostorital wells on the Existing BIO 190 Well Pad. Wells H10 and H118. H18 was previously submitted at a postion south of H17 but a new moved to the position shown.

A previous As-built was submitted on 675/12 to add Well H14 and an additional As-built was submitted on 11/1/13 to add Well H13, H15, H1E, H17, and H18.

Water for the Proposed Wells will be provided by the adjacent Richwood Freshwater Impoundment and BIG 190 Floreback Pt.

Prior to Drilling Operations, the paid containment berms will be repaired and the old access road entrance closed to ensure full secondary containment on the well past.

As Built Design Certification

The drawings, notes, and reference diagrams attached hereto have been prepar in accordance with the West Virginia Code of State Pules, Owners of Environmental Protection, Ottoe et Oil and Gas § CSR 35 8.



INC.

&W ENTERPRISES,

THIS DOCUMENT PREPARED FOR EQT PRODUCTION COMPANY

BIG 190 WELL PAD Proposed Wells H10 & H18 GRANT DISTRICT WETZEL COUNTY, WV

I named

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Fence
Edge of Gravel Pad
Well Drilled
Well Plugged
Well Proposed
Well Permond - Not Disa

Date: 3/12/15 Scale: 1"= 50

Fig. 1.18 A