

west virginia department of environmental protection

Office of Oil and Gas 601 57<sup>th</sup> Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Thursday January 27, 2022 PERMIT MODIFICATION APPROVAL New Drill / Modification/Lateral Extension

EQT Production Company 400 Woodcliff Drive Cannonsburg, PA 15317

### Re: Permit Modification Approval for BIG464 3H 47-103-03432

Extending Lateral

## EQT Production Company

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926-0450.

Martin Chie

Operator's Well Number:BIG464 3HFarm Name:EQT Production CompanyU.S. WELL NUMBER:47-103-03432New DrillModification/Lateral ExtensionDate Modification Issued:01/27/2022

Promoting a healthy environment.

0000590919 2600°

CK# 000059135

\$ 25000

EQI

EQT PRODUCTION COMPANY 400 Woodcliff Drive | Canonsburg, PA 15317

January 21, 2022

Via FedEx Overnight

West Virginia Department of Environmental Protection Office of Oil and Gas 601 57<sup>th</sup> Street, S.E. Charleston, WV 25304

RE: Well Work Permit Modification BIG464 3H Well Permit Number 47-103-03432 Grant District, Wetzel County, WV

WVDEP Recipient,

Attached please find following information to modify the existing Well Work Permit for this well:

- Check in the amount of \$2,500 for the permit fee
- Check in the amount of \$2,500 for the expedited permit fee
- Completed Form WW-6B and supporting documents, approved by the Oil and Gas Inspector
- Revised Well Bore Diagram
- Well Location Plat
- Completed Form WW-6A1 and supporting documentation
- Hydraulic Fracturing Monitoring Plan

EQT is proposing to extend the lateral from the previously permitted length.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our Permitting department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Best Regards,

John Zavatchan Project Specialist – Permitting jzavatchan@eqt.com 724-746-9073

02/11/2022

API NO. 47-103 -03432

WW-6B (04/15)

OPERATOR WELL NO. 3H Well Pad Name: BIG464 1

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

1) Well Operator: EQT Production Compar	y 306686 Wetzel / Grant / Big Run /
· · ·	Operator ID County District Quadrangle
2) Operator's Well Number: 3H	Well Pad Name: BIG464
3) Farm Name/Surface Owner: EQT Production	Company Public Road Access: CR1
4) Elevation, current ground: 1246.8' (built)	Elevation, proposed post-construction: 1246.8' (built)
5) Well Type (a) Gas X Oil Other	Underground Storage
(b)If Gas Shallow X	Deep
6) Existing Pad: Yes or No Yes	
<ul> <li>7) Proposed Target Formation(s), Depth(s), An Marcellus, 7,394', 51', 2,620 PSI</li> </ul>	ticipated Thickness and Expected Pressure(s):
8) Proposed Total Vertical Depth: 7394'	
9) Formation at Total Vertical Depth: Marcel	lus /
10) Proposed Total Measured Depth: 23833'	
11) Proposed Horizontal Leg Length: 15394'	1
12) Approximate Fresh Water Strata Depths:	109', 184', 432' 🦯
13) Method to Determine Fresh Water Depths:	Offset Wells - 47-103-30593, 47-103-30910 ~
14) Approximate Saltwater Depths: <u>1724', 18</u>	48'
15) Approximate Coal Seam Depths: 556'-55	9', 795'-797', 897'-899', 912'-919'
16) Approximate Depth to Possible Void (coal	mine, karst, other): N/A
17) Does Proposed well location contain coal s directly overlying or adjacent to an active mine	
(a) If Yes, provide Mine Info: Name:	
Depth:	
Seam:	
Owner:	

API NO. 47- 103 -03432

OPERATOR WELL NO. <u>3H</u> Well Pad Name: <u>BIG464</u>

WW-6B (04/15)

18)

# CASING AND TUBING PROGRAM

ТҮРЕ	Size (in)	<u>New</u> <u>or</u> <u>Used</u>	Grade	<u>Weight per ft.</u> (lb/ft)	<u>FOOTAGE: For</u> <u>Drilling (ft)</u>	INTERVALS: Left in Well (ft)	<u>CEMENT:</u> <u>Fill-up</u> (Cu. Ft.)/CTS
Conductor	26	New	A-500	85.6	40	40 /	50 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1019	1019	1000 ft^3 / CTS
Coal				1			
Intermediate	9 5/8	New	J-55	36	2441	2441 /	1000 ft^3 / CTS
Production	5 1/2	New	P-110	20	23833	23833 🖌	500' above intermediate casing
Tubing			1				n (112) ind
Liners							

Bryan Harris 12/28/21 -

ТҮРЕ	Size (in)	<u>Wellbore</u> Diameter (in)	<u>Wall</u> <u>Thickness</u> (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	<u>Cement</u> <u>Yield</u> (cu. ft./k)
Conductor	26	30	0.312	1050	18	Class A	1.18
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A / Type 1	1.13 - 1.19
Coal							
Intermediate	9 5/8	12 3/8	0.352	3520	2816	Class A / Type 1	1.13 - 1.19
Production	5 1/2	8 1/2	0.361	14360	11488	Class A/H	1.04 - 2.10
Tubing							
Liners							

# PACKERS

Kind:		
Sizes:		
Depths Set:		 

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

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

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

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

21) T	otal Area to be disturbed	, including roads	stockpile area.	bits, etc.,	(acres):	N/A - Site Built
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22) Area to be disturbed for well pad only, less access road (acres): N/A - Site Built

23) Describe centralizer placement for each casing string:

• Surface: Bow spring centralizers – One centralizer at the shoe and one spaced every 500'.

• Intermediate: Bow spring centralizers- One centralizer at the shoe and one spaced every 500'.

• Production: One solid body centralizer spaced every joint from production casing shoe to KOP.

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

Conductor: Class A no additives

Surface: Calcium Chloride. Used to speed the setting of cement slurries

Intermediate: Calcium Chloride. Used to speed the setting of cement slurries.

Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, Anti-Settling/Suspension Agent

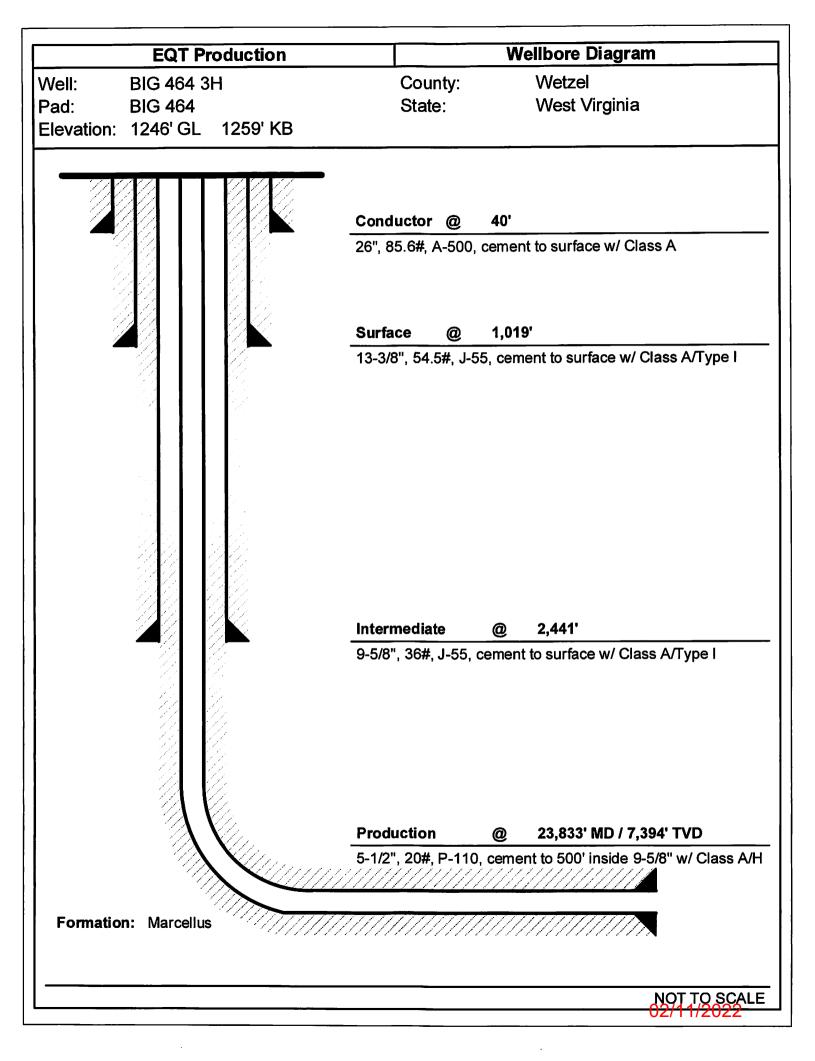
25) Proposed borehole conditioning procedures:

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

Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.

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

\*Note: Attach additional sheets as needed.



Finalized for Top Hole		WEST VIRGINIA GI	EOLOGICAL PROGNOSIS Horizontal Well BIG464	
Drilling Objectives: County: Quad:	Marcellus Wetzel Big Run		S-000124	
Elevation:	1259 KI	1	1246 GL	
Recommended Azimuth	TBD TBD De	prees	Recommended LP to	TD: TBD
Proposed Logging Suite:	Pi	ot Logging Not needed		
ESTIMATED FORMATION	TOPS Fro	m pilots on BIG57 and BIG182		the second second
Formation	Tep (TVD)	Base (TVD) Lithology	Comments	Top RR Base RR
Fresh Water Zone	1	432	FW @ 109,184,252,278,432,	69 73
Waynesburg Coal	556	559 Coal		76 80
Coal	795	797 Coal	No known past/present/and or future mining within the area	96 114
Sewickley Coal	897	899 Coal	the second se	125 132 Base of Rec
Pittsburgh Coal	912	919 Coal		
	1792	1971 Sandstone	SW @ 1724.1848.	1
Maxton			2 0 (a) 172+10+0 p	
Big Lime	2234	2310 Limestone		
Big Injun	2322	2391 Sandstone		
Int csg pt	2441			
Weir	2520	2670 Sandstone		
Top Devonian	2735			
Gantz	2735	2771 Silty Sand		
Fifty foot	2876	2932 Silty Sand	Storage is NOT of concern	
Thirty foot	2971	2998 Silty Sand	ording. To real terreturn	
Gordon	3027	3072 Silty Sand		
Forth Sand	3097	3110 Silty Sand	Base of Offset Well Perforations at 3129' TVD	
			Base of Offset Well Perforations at 5129 TVD	
Fifth Sand	3169	3188 Silty Sand		
Bayard	3222	3240 Silty Sand		
Warren	3645	3669 Silty Sand		
Speechley	3765	3813 Silty Sand		
Balltown A	4123	4138 Silty Sand		
Riley	4608	4650 Silty Sand		
Benson	5237	5286 Silty Sand		
Alexander	5651	5718 Silty Sand		
Fiks	5718	6917 Gray Shales and Silts		
Sonvea	6917	7080 Gray shale		
Middlesex	7080	7136 Shale		
Genesee	7136	7223 Gray shale interbedded		
Geneseo	7223	7255 Black Shale		
Tully	7255	7280 Limestone		
Hamilton	7280	7378 Gray shale with some		
Marcellus	7378	7429 Black Shale		
Purcell	7393	7396 Limestone		
-Lateral Zone	7394			
Cherry Valley	7409	7413 Limestone		
Onondaga	7429	Limestone		
Target Thickness	51 fee	t l		
Comments:		and the second second		
Intermediate casing point is rec	ommended beneath the Big I	njun to shut off any water production from	n the Upper Devonian sands. Intermediate casing should be cemented into th	ie surface string, per WV
regulations.		A CONTRACTOR OF CONTRACT		
regulations.				

Fresh Water/Coal	CSG OD	13 3/8	CSG DEPTH		1019	Beneath Pittsburgh Coal
Intermediate 1:	CSG OD	9 5/8	CSG DEPTH		2441	Beneath theBig Injun formation
Production:	CSG OD	5 1/2	CSG DEPTH	a TD		

EQT Production

Hydraulic Fracturing Monitoring Plan

Pad ID: BIG464

County: Wetzel

January 21, 2022

Page 1 of 2

02/11/2022

### Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Wetzel County, WV prior to hydraulic fracturing at the following EQT wells on the BIG464 well pad: 1H, 3H, 5H, 7H, 9H, 11H & 113H.

Due to the requirements under 3SCSR85.11, the permittee is required to review the area surrounding the proposed well pad so as to identify and evaluate potential conduits for unintended fracture propagation.

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

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

1. Communications with Well Operators

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

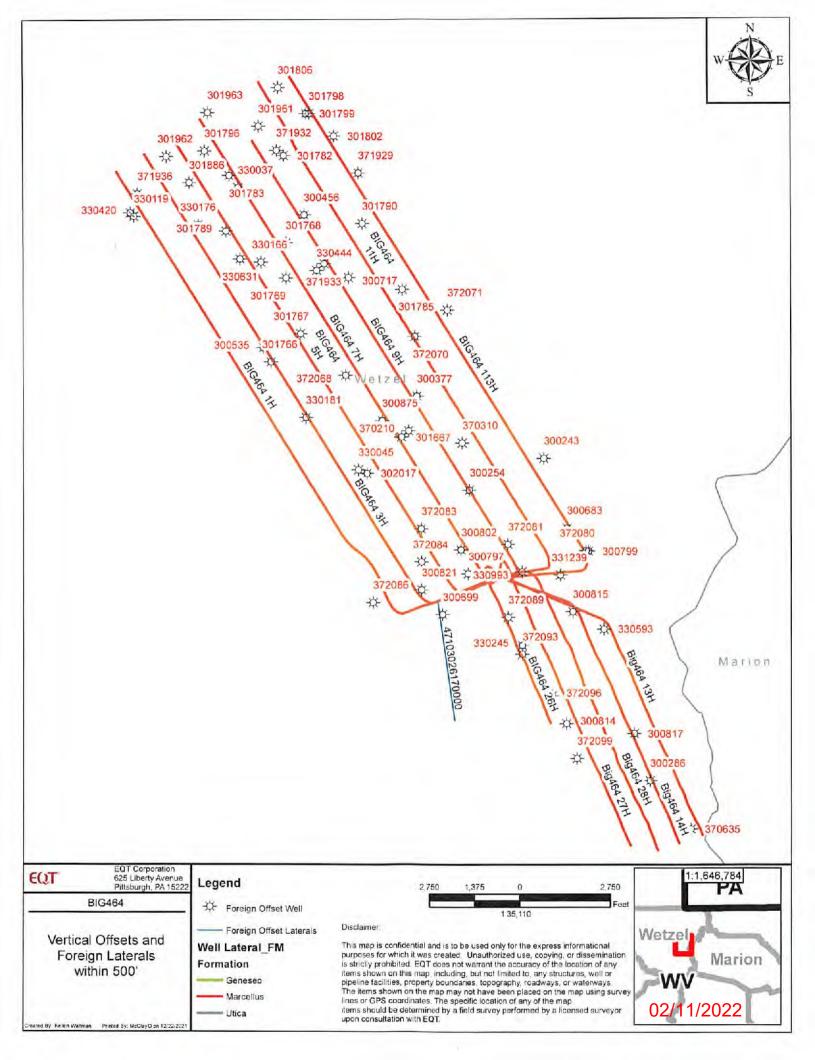
EQT will notify these operators of the hydraulic fracturing schedule for these wells, and coordinate with them throughout the fracturing process.

EQT will recommend to these operators at a minimum to:

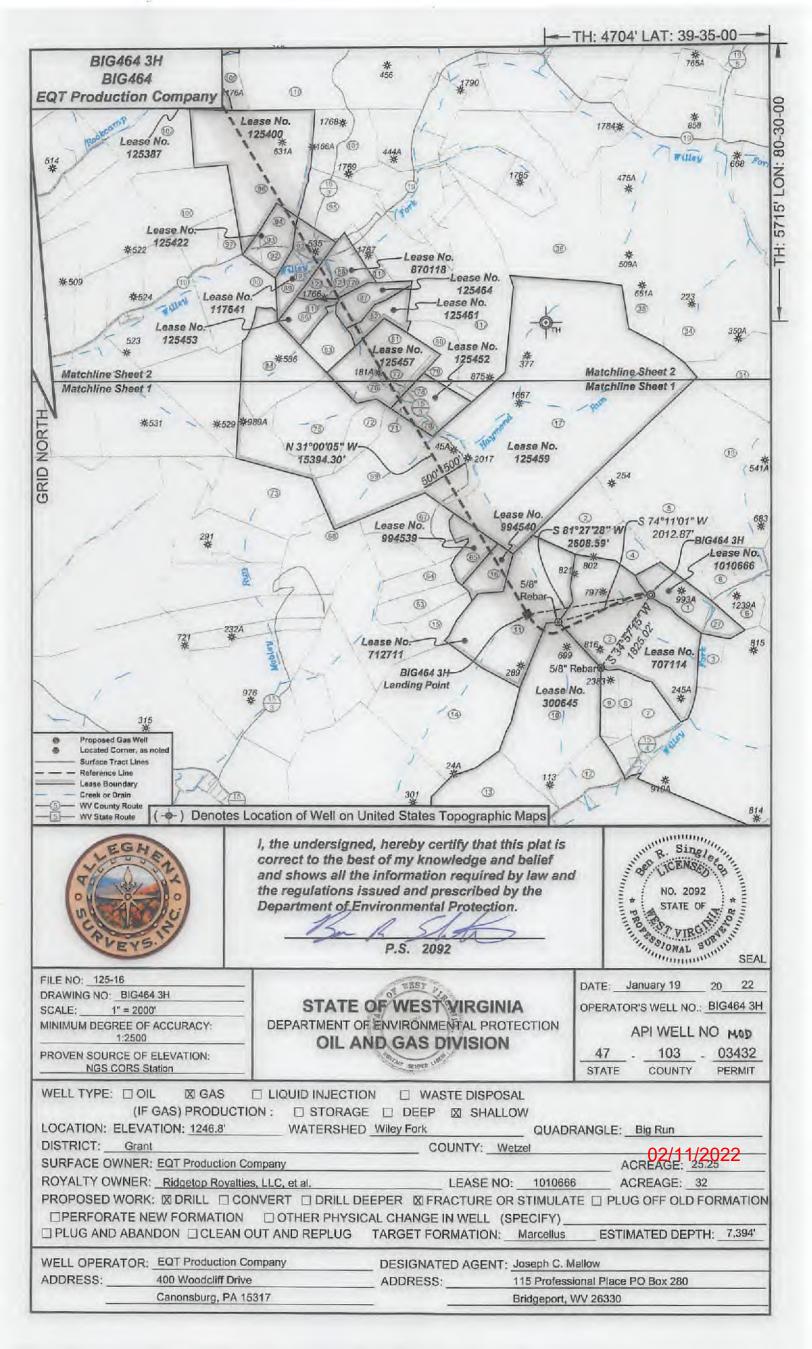
- 1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre frac well conditions
- 2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
- Inspect or install master valves or other necessary equipment for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

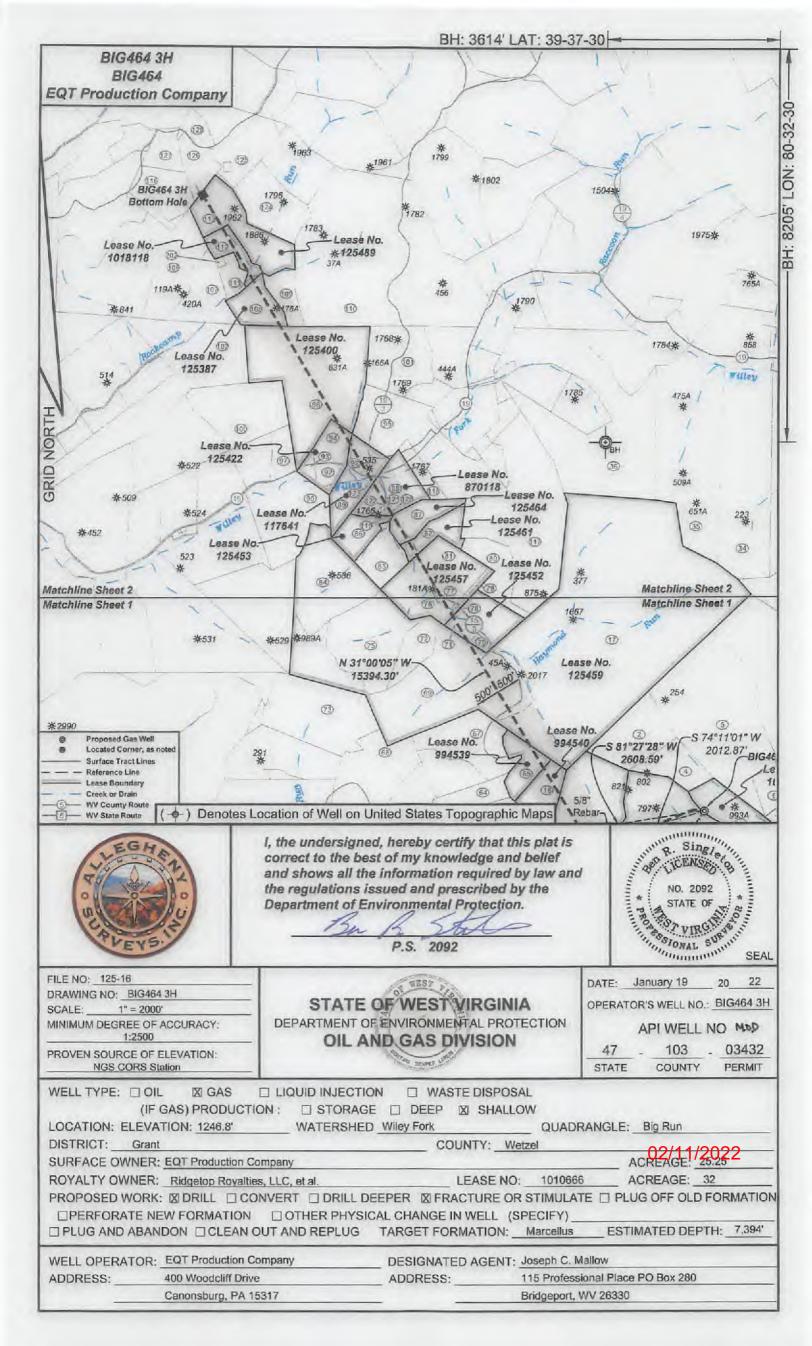
EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

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uwi	ACT_STATUS	CURR_OPER	FNL_CLASS	INIT_CLASS	LATITUDE LONGITUDE OPER_NAME	DATUM E NAD27	ELEVATION TO 0.00	OT_DEPTH TV 0.00	0.00
372080	Completed Wells	CARNEGIE NATURAL GAS CORP	UNCLASSIFIED	UNCLASSIFIED DESEMBLO OPICINAL WELL - UNKNOWN CLASS	39.56969000 -80.50730600 CARNEGIE NATURAL GAS CORP 39.55445100 -80.50224800 CARNEGIE NATURAL GAS CORP	NAD27 NAD27	0.00	0.00	0.00
300817 371936	Completed Wells Completed Wells	EQT PRODUCTION CO HOPE NATURAL GAS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS UNCLASSIFIED	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS UNCLASSIFIED	39.55445100 -80.50224800 CARNEGIE NATURAL GAS CORP 39.59960100 -80.55553000 HOPE NATURAL GAS	NAD27 NAD27	0.00	0.00	0.00
300821		CARNEGIE NATURAL GAS CORP		PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.56649700 -80.52510300 CARNEGIE NATURAL GAS CORP	NAD27	0.00	0.00	0.00
800875	Completed Wells Completed Wells	DIVERSIFIED PRODUCTION LLC	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.58057600 -80.52922500 PHILADELPHIA OIL	NAD27	0.00	0.00	0.00
301667		ANIA RESOURCES	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.57919010 -80.52717940	NAD27	1066.00	0.00	0.00
372071	Completed Wells	UNKNOWN	UNCLASSIFIED	UNCLASSIFIED	39.58973100 -80.52210600 UNKNOWN	NAD27	0.00	0.00	0.00
372086	Completed Wells	HOPE NATURAL GAS	UNCLASSIFIED	UNCLASSIFIED	39.56548100 -80.53034900 HOPE NATURAL GAS	NAD27	0.00	0.00	0.00
371932		HOPE NATURAL GAS	UNCLASSIFIED	UNCLASSIFIED	39.60303400 -80.54046500 HOPE NATURAL GAS	NAD27	0.00	0.00	0.00
370310	Completed Wells Completed Wells	HOPE NATURAL GAS	UNCLASSIFIED	UNCLASSIFIED	39.57868900 -80.52060700 HOPE NATURAL GAS	NAD27	0.00	0.00	0.00
370635		UNKNOWN	UNCLASSIFIED	UNCLASSIFIED	39,54646800 -80.49617600 UNKNOWN	NAD27	0.00	0.00	0.00
30444	Completed Wells Completed Wells	HOPE NATURAL GAS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.59308100 -80.53622100 HOPE NATURAL GAS	NAD27	0.00	0.00	0.00
372068	Completed Wells	UNKNOWN	UNCLASSIFIED	UNCLASSIFIED	39.58436100 -80.53315900 UNKNOWN	NAD27	0.00	0.00	0.00
372088	Completed Wells	UNKNOWN	UNCLASSIFIED	UNCLASSIFIED	39.56417500 -80.51573600 UNKNOWN	NAD27	0.00	0.00	0.00
300243		HOPE NATURAL GAS	UNCLASSIFIED	DEVELOPMENT WELL	39.57738300 -80.51180200 HOPE NATURAL GAS	NAD27	1272.00	1018.00	0.00
72093	Completed Wells	UNKNOWN	UNCLASSIFIED	UNCLASSIFIED	39.56112700 -80.51423800 UNKNOWN	NAD27	0.00	0.00	0.00
	Completed Wells			PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.56461000 -80.50880500 CARNEGIE NATURAL GAS CORP	NAD27	0.00	0.00	0.00
00815	Completed Wells	DIVERSIFIED PRODUCTION LLC DAC CORP	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	DEVELOPMENT WELL	39.50613980 -80.53690870 DAC CORP	NAD2/	1525.00	2323.00	0.00
01798 170210	Completed Wells/WHCS Completed Wells	DAC CORP HOPE NATURAL GAS	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	DEVELOPMENT WELL PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.50613980 -80.53890870 DAL CORP 39.57970500 -80.52641500 HOPE NATURAL GAS	NAD27	0.00	2323.00	0.00
		HOPE NATURAL GAS ANJA RESOURCES		DEVELOPMENT WELL	39.57970500 -80.52541500 HOPE NATURAL GAS 39.58260830 -80.52548590 EAGON ROBINSON OIL & GAS	NAD27	1035.00	3197.00	0.00
0377			DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL)		39.57157700 -80.50936700 CONSOLIDATED GAS SUPPLY CORP	NAD27	0.00	0.00	0.00
00683	Completed Wells	CONSOLIDATED GAS SUPPLY CORP	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.57157/00 -80.509367/0 CONSOLDATED GAS SUPPLY CORP 39.56780300 -80.52004500 CARNEGIE NATURAL GAS CORP	NAD27	0.00	0.00	0.00
00797	Completed Wells	EQT PRODUCTION CO	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.56881900 -80.52004500 CARREGIE RATURAL GAS CORP 39.56881900 -80.52510300 HOPE NATURAL GAS	NAD27	0.00	0.00	0.00
72084	Completed Wells	HOPE NATURAL GAS	UNCLASSIFIED	UNCLASSIFIED		NAD27	0.00	0.00	0.00
1239	Completed Wells	CONSOLIDATED GAS SUPPLY CORP	UNCLASSIFIED	UNCLASSIFIED	39.56765800 -80.51011600 CONSOLIDATED GAS SUPPLY CORP				0.00
72081	Completed Wells	HOPE NATURAL GAS	UNCLASSIFIED	UNCLASSIFIED	39.57027100 -80.51573600 HOPE NATURAL GAS	NAD27 NAD27	0.00	0.00	0.00
30119	Completed Wells	CARNEGIE NATURAL GAS CORP	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.59771400 -80.55590400 CARNEGIE NATURAL GAS CORP	NAD27 NAD27	0.00	0.00	0.00
1929	Completed Wells	HOPE NATURAL GAS	UNCLASSIFIED	UNCLASSIFIED	39.60119700 -80.53166000 HOPE NATURAL GAS 39.57157700 -80.52510300 UNKNOWN	NAD27	0.00	0.00	0.00
72083	Completed Wells	UNKNOWN	UNCLASSIFIED	UNCLASSIFIED	39.57157700 -80.52510300 UNKNOWN 39.59365000 -80.53540700 HOPE NATURAL GAS	NAD27	0.00	0.00	0.00
71933	Completed Wells	HOPE NATURAL GAS	UNCLASSIFIED	UNCLASSIFIED		NAD27 NAD27	0.00	0.00	0.00
00814	Completed Wells	EQUITABLE PRODUCTION CO	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.55532200 -80.50955400 CARNEGIE NATURAL GAS CORP 39.58755400 -80.52566500 HOPE NATURAL GAS	NAD27	0.00	0.00	0.00
72070	Completed Wells	HOPE NATURAL GAS	UNCLASSIFIED	UNCLASSIFIED		NAU27 NAD27	1171.00	3066.00	0.00
0286	Completed Wells	UNKNOWN	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.55053200 -80.50056200 UNKNOWN	NAD27	871.00	2302.00	0.00
1766		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEEPER POOL WILDCAT	39,58552970 -80.54121730 DAC CORP 39,60512390 -80.54241940 EXCEL ENERGY INC	NAD27 NAD27	1380.00	3695.00	0.00
1961	Completed Weils/WHCS		DEVELOPMENT WELL-OIL	DEVELOPMENT WELL	39.60512390 -80.54241940 EXCEL ENERGY INC 39.59641480 -80.54597870 DAC CORP	NAD27 NAD27	1420.00	3584.00	0.00
1789		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL DEVELOPMENT WELL	39.59641480 -80.54597870 DAC CORP 39.59409700 -80.54447900 HOPE NATURAL GAS	NAD27 NAD27	1356.00	3294.00	0.00
0631	Completed Wells	HOPE NATURAL GAS	DEVELOPMENT WELL-GAS		39.59409700 -80.54447900 HOPE NATURAL GAS 39.56446500 -80.52285500 CONSOLIDATED GAS SUPPLY CORP	NAD27	0.00	3294.00	0.00
0699	Completed Wells	DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.56446500 -80.52285500 CONSOLIDATED GAS SUPPLY CORP 39.60265680 -80.53971940 DAC CORP	NAD27	1424.00	3154.00	0.00
1782			DEVELOPMENT WELL-GAS	DEVELOPMENT WELL		NAD27	1090.00	3086.00	0.00
0799	Completed Wells	DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.56963390 -80.50705510 CARNEGIE NATURAL GAS CORP 39.59691800 -80.54897300 PITTSBURGH & W VA GAS	NAD27 NAD27	1090.00	3135.00	0.00
0176	Completed Wells	PITTSBURGH & W VA GAS	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39,59698800 -80,54897300 PITTSBURGH & W VA GAS 39,59772600 -80,53753500 UNKNOWN	NAD27	1078.00	2505.00	0.00
0456	Completed Wells	DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL		NAD27 NAD27	1295.00	3365.00	0.00
1805		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39,60831680 -80.54028070 DAC CORP	NAD27	0.00	3365.00	0.00
10699	Completed Wells	DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.56446500 -80.52285500 CONSOLIDATED GAS SUPPLY CORP	NAD27	868.00	3264.00	0.00
1767		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEEPER POOL WILDCAT	39.58785160 -80.53803360 DAC CORP	NAD27 NAD27	868.00	3264.00	0.00
0593	Completed Wells	CARNEGIE NATURAL GAS CORP	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.56315900 -80.50543300 CARNEGIE NATURAL GAS CORP 39.60047900 -40.54991380 EXCELENERGY INC	NAD27 NAD27	1527.00 981.00	3310.00	0.00
1886		XTO ENERGY INC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL		NAD27	981.00	2908.00	0.00
0245	Completed Wells	CARNEGIE NATURAL GAS CORP	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.56185300 -80.51423800 CARNEGIE NATURAL GAS CORP				0.00
0181	Completed Wells	PITTSBURGH & W VA GAS	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.58086600 -80.53746800 PITTSBURGH & W VA GAS	NAD27 NAD27	906.00 1224.00	2936.00 3350.00	0.00
1963		XTO ENERGY INC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.60628400 -80.54785220 EXCEL ENERGY INC			3350.00	0.00
0045	Completed Wells	HOPE NATURAL GAS	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.57651200 -80.53184700 HOPE NATURAL GAS	NAD27 NAD27	0.00	2145.00	0.00
00802	Completed Wells	EQT PRODUCTION CO	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.56983500 -80.52079400 CARNEGIE NATURAL GAS CORP				0.00
1790		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.59698800 -80.53128500 DAC CORP	NAD27 NAD27	904.00 869.00	3126.00 1966.00	0.00
30037	Completed Wells	PITTSBURGH & W VA GAS	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39,60003600 -80.54466400 PITTSBURGH & W VA GAS				0.00
0993	Completed Wells	CARNEGIE NATURAL GAS CORP	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.56794900 -80.51423800 CARNEGIE NATURAL GAS CORP	NAD27	1131.00	3004.00	0.00
1796		XTO ENERGY INC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.60309190 -80.54822700 EXCEL ENERGY INC	NAD27	1003.00		0.00
0593	Completed Wells	UNIONOWN	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39,56315900 -80.50543300 UNKNOWN	NAD27 NAD27	1527.00 1525.00	3438.00	0.00
11799		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.60613200 -80.53728000 DAC CORP				0.00
1768			DEVELOPMENT WELL-GAS	NEW POOL WILDCAT	39.59539970 -80.53953300 DAC CORP	NAD27	1285.00	3679.00	
0254	Completed Wells	EQT PRODUCTION CO	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39,57477000 -80.51985800 CARNEGIE NATURAL GAS CORP	NAD27	1464.00	3449.00	0.00
785		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.59148150 -80.52698040 DAC CORP	NAD27	1186.00	3554.00	0.00
1802		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.60425370 -80.53428680 DAC CORP	NAD27	1401.00	3594.00	0.00
1769		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	NEW POOL WILDCAT	39.59249570 -80.53953180 DAC CORP	NAD27	1326.00	3692.00	0.00
0535	Completed Wells	EQUITABLE GAS CO	UNCLASSIFIED	UNCLASSIFIED	39.58669500 -80.54203900 EQUITABLE GAS CO	NAD27	1008.00	3057.00	0.00
2096	Completed Wells	UNKNOWN	UNCLASSIFIED	UNCLASSIFIED	39.55764400 -80.51105300 UNKNOWN	NAD27	0.00	0.00	0.00
0420	Completed Wells	UNKNOWN	DEVELOPMENT WELL-OIL	DEVELOPMENT WELL	39.59801600 -80.55630300 UNKNOWN	NAD27	1310.00	3226.00	0.00
0717	Completed Wells	DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.59248900 -80.53278400 CONSOLIDATED GAS SUPPLY CORP	NAD27	880.00	1927.00	0.00
01962	Completed Wells/WHCS	XTO ENERGY INC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.60265600 -80.55234980 EXCEL ENERGY INC	NAD27	1325.00	3633.00	0.00
02017	Completed Wells/WHCS	DYNATEC ENERGY INC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.57622940 -80.53091330 DYNATEC ENERGY INC	NAD27	948.00	711.00	0.00
30165	Completed Wells	HOPE NATURAL GAS	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.59379500 -80.54222900 HOPE NATURAL GAS	NAD27	1012.00	2215.00	0.00
20100	Completed Wells	UNKNOWN	UNCLASSIFIED	UNCLASSIFIED	39.55241900 -80.50843000 U/KKNOWN	NAD27	0.00	0.00	0.00
372099		DIVERSIFIED PRODUCTION LLC	DEVELOPMENT WELL-GAS	DEVELOPMENT WELL	39.60105200 -80.54560100 DAC CORP	NAD27	1376.00	3555.00	0.00
	Completed Wells/WHCS								
372099	Completed Wells/WHCS								
372099	Completed Wells/WHCS								
72099 01783	Completed Wells/WHCS	CURR_OPER	FNL_CLASS	INIT_CLASS	LATITUDE LONGITUDE OPER_NAME 39,55563000 40.52162000 EQT PRODUCTION CO	DATUM E NAD27			VD WELL_ 117.00 WV 51





	BIG464 BIG40				Well References AZ79°02'33" BIG464 3H 220.54' BIG464 3H 220.54' 5/8" Rebar	Notes: BIG464 3H coordinates are NAD 27 N: 390,481.01 E: 1,713,389.73
EQT Pro			pany		AZ79°02'33"	NAD 27 Lat: 39.567646 Long: -80.516685 NAD 83 UTM N: 4,379,892.85 E: 541,53
act LD Tax Map No.	-		Surface Tract Owner	Acres	BIG464 3H 220.54 \$5/8" Rebar	BIG464 3H Landing Point coordinates are NAD 27 N: 390,093.54 E: 1,710,810.08
1 14	33 Wetzu 1 Wotzu	and the second se	EDT Production Compa Coastel Forent Renovances Co		1. 833	NAD 27 Lat: 39,566501 Long: -80,525819 NAD 83 UTM N: 4,379,761.66 E: 540,74
3 15 4 74	27 Weitzei 27 Weitzei		Beverig Lynn Berr Life En EQT Production Compa	tile 10.00	1.3.3 1.4.3.3	BIG464 3H Bottom Hole coordinates are NAD 27 N: 403,268.85 E: 1,702,881 13
814 015	20 Wetzei 10 Wetzei	Orgent	EQT Production Compe Donald J. D'Lusky	my 120.50	32	NAD 27 Lat: 39.602475 Long: -80.554492 NAD 83 UTM N: 4,383,741.40 E: 538.26
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16 14 17 14	32 Wetzul 6 Wetzul		Mary Jane Byord Coastal Forest Resources Co	13.30	BIG 464 BIG464 HH UP T07114	Ridgetop Royalties, LLC, et al. 78
10 15	12 Weizel Weizel	Orant	William Bowers & Donald J. No Tax Map & Percel Inform	D'Lusky 147.5D	Laasa @0" 464 3" 64 50 300644 1010566 @80464 3. 64 57 712711	Barbara Lynne Metheny, et al. 10
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14 14 15 14	29 Websil 25 Websil	Diant Orant	ET Blue Grass, LLC Mary Jane Byard	17.00	BIG464 HT3 47-103-03211 BIG464 H26 BIG464 H27 BIG464 H14 47-103-03213 BIG464 H14 BIG464 H27 BIG464 H14 47-103-03212 125400 BIG464 H28 H14 47-103-03212 125400	Bounty Minerals, LLC 17
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	0	Por 2		and show	s all the information required by law and	a se fronded a
4	1 NOW	-11-			tions issued and prescribed by the	NO. 2092
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WW-6A1 (5/13)

## 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

See Attachment

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

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

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

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

Well Operator:	EQT Production C	Company	
By:	John Zavatchan	John F	Gavatchan Or.
Its:	Project Specialist -	Permitting	

Page 1 of <u>7</u>

# 02/11/2022



January 21, 2022

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

Re: BIG464 3H 6A1 Addendum

Dear Mr. Brewer,

This letter and supporting documentation serve as EQT Production Company's addendum to the WW-6A1 form associated with this well. The lease included on this addendum is a lease in which EQT "claims the right to extract, produce or market the oil or gas", but does not propose to encounter the lease with the proposed wellbore. EQT would like to report this lease as part of our Well Work Permit Application, as it is located within 50' of our proposed permitted wellbore.

If EQT does encounter this lease, an application for a permit modification will be filed with the West Virginia DEP, Office of Oil and Gas.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

John Zavatchan Project Specialist - Permitting

Enc.

WW-6A1 attachment			Operator's Well No.	Big464 3H			
Lease No.	Grantor, Lessor, etc.		Grantee, Lessee, etc.	Royalty	Book/Page		
4040555	Ridgetop Royalties, LLC, et al. Ridgetop Royalties, LLC	32 ac		*at least 1/8th per WV Code 22-6-8*	OG 166A/638		
<u>1010666</u>	Ridgetop Royalites, LLC	32 ac	EQT Production Company		09 1004/030		
	Ridgetop Royalties, LLC, et al.			"at least 1/8th per WV Code 22-6-8"			
<u>707114</u>	W. S. Furbee and Mary Furbee, his wife	78 ac	Carnegie Natural Gas Company		OG 2A/182		
	Carnegie Natural Gas Company		Carnegie Production Company		OG 78A/513		
	Carnegie Production Company		EQT Production Company		WV SOS		
	<u>Carman Lee Allen, et al.</u>			"at least 1/8th per WV Code 22-6-8"			
300645	J. M. Allen & Eliza Allen, his wife	858 ac	Z. T. Francis		DB 39/222		
			C. D. Greenlee, Joseph Hartman, B. Forst,				
	Z. T. Francis		Joseph Hartman, Jr., and Patrick Gallagher		DB 39/248		
	Clinton D. Greenlee and Clara M. Greenlee, his wife, and		Joseph Hartman, Joseph Hartman, Jr., and				
	Bernard Forst and Jennie Forst, his wife		Patrick Gallagher		DB 47/112		
	Joseph Hartman, Joseph Hartman, Jr., and Patrick Gallagher,						
	individually and dba Hartman Oil Company		South Penn Oil Company		DB 79/216		
	South Penn Oil Company		Hope Natural Gas Company		DB 91/8		
	Hope Natural Gas Company		Consolidated Gas Supply Corporation		DB 233/387		
	Consolidated Gas Supply Corporation		Consolidated Gas Transmission Corporation		OG 66A/69		
	Consolidated Gas Transmission Corporation CNG Transmission Corporation		CNG Transmission Corporation Eastern States Oil & Gas, Inc.		Corp. Book 13/151 OG 76A/232		
	Eastern States Oil & Gas, Inc.		Blazer Energy Corp.		Corp. Book 12/253		
	Blazer Energy Corp.		Eastern States Oil & Gas, Inc.		Corp. Book 12/259		
	Eastern States Oil & Gas, Inc.		Eastern States, Inc.		WV SOS		
	Eastern States, Inc.		Equitable Production-Eastern States, Inc.		WV SOS		
	Equitable Production-Eastern States, Inc.		Equitable Production Company		WV SOS		
	Equitable Production Company		EQT Production Company		Corp. Book 13/14		

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

### Barbara Lynne Metheny, et al.

<u>712711</u>	Lee Glover and Bertha Glover, his wife Carnegie Natural Gas Company Carnegie Production Company	108 ac	Carnegie Natural Gas Company Carnegie Production Company EQT Production Company		OG 20A/493 OG 78A/513 WV SOS
	Dan Coleman, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>994540</u>	Dan Coleman, in his own right	13 ac	EQT Production Company		OG 144A/5
	Dan Coleman, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>994539</u>	Dan Coleman, in his own right	14 ac	EQT Production Company		OG 144A/1
	Randel J. Hartman, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>125459</u>	Virginia Myers and William S. Myers, her husband, et al	693 ac	Equitable Gas Company		OG 47A/16
	Equitable Gas Company		Columbia Gas Transmission Corporation		OG 64A/442
	Columbia Gas Transmission Corporation		Columbia Natural Resources, Inc.		OG 72A/368
	Columbia Natural Resources, Inc.		Columbia Natural Resources, LLC		Corp. 12/622
	Columbia Natural Resources, LLC		Chesapeake Appalachia, L.L.C.		DB 402/446
	Chesapeake Appalachia, L.L.C.		Statoilhydro USA Onshore Properties Inc.		OG 97A/578 WV SOS
	Statoilhydro USA Onshore Properties Inc.		Statoil USA Onshore Properties, Inc.		OG 157A/540
	Chesapeake Appalachia, L.L.C.		SWN Production Company, LLC SWN Exchange Titleholder, LLC		OG 157A/540 OG 158A/801
	Statoil USA Onshore Properties, Inc. SWN Exchange Titleholder, LLC		SWN Production Company, LLC		Corp. 13/296
	SWN Exchange Interforder, LLC		Antero Exchange Properties LLC		OG 177A/533
	Statoil USA Onshore Properties, Inc.		Antero Exchange Properties LLC		OG 177A/738
	Antero Exchange Properties LLC		Antero Resources Corporation		Corp. 13/311
	Antero Resources Corporation		EQT Production Company		OG 227A/932
				at least 1/8th per	
	Lavena Jane Higginbotham			WV Code 22-6-8"	
<u>125452</u>	Etta Haught Beckley, widow, et al	25 ac	Equitable Gas Company		OG 52A/435
	Equitable Gas Company		Columbia Gas Transmission Corporation		OG 64A/442
	Columbia Gas Transmission Corporation		Columbia Natural Resources, Inc.		OG 72A/368
	Columbia Natural Resources, Inc.		Columbia Natural Resources, LLC		Corp. 12/622 DB 402/446
	Columbia Natural Resources, LLC		Chesapeake Appalachia, L.L.C.		OG 97A/578
	Chesapeake Appalachia, L.L.C. Statoilhydro USA Onshore Properties Inc.		Statoilhydro USA Onshore Properties Inc. Statoil USA Onshore Properties, Inc.		WV SOS
	Chesapeake Appalachia, L.L.C.		SWN Production Company, LLC		OG 157A/540
	onesapeare Appaiaonia, L.L.O.		ommended on oompany, Leo		0010/10/10

Statoil USA Onshore Properties, Inc. SWN Exchange Titleholder, LLC SWN Production Company, LLC Statoil USA Onshore Properties, Inc. Antero Exchange Properties LLC Antero Resources Corporation

### Kenneth M. Wayman, et al.

<u>125457</u>

F. M. Tuttle, and Mary E. Tuttle, his wife, et al Equitable Gas Company
Columbia Gas Transmission Corporation
Columbia Natural Resources, Inc.
Columbia Natural Resources, LLC
Chesapeake Appalachia, L.L.C.
Statoilhydro USA Onshore Properties Inc.
Chesapeake Appalachia, L.L.C.
Statoil USA Onshore Properties, Inc.
SWN Exchange Titleholder, LLC
SWN Production Company, LLC
Statoil USA Onshore Properties, Inc.
Antero Exchange Properties LLC
Antero Resources Corporation

### Ervin Willey and Thelmas Willey, et al.

125461Dorothy Williams, widow, et al<br/>Equitable Gas Company<br/>Columbia Gas Transmission Corporation<br/>Columbia Natural Resources, Inc.<br/>Columbia Natural Resources, LLC<br/>Chesapeake Appalachia, L.L.C.<br/>Statoilhydro USA Onshore Properties Inc.<br/>Chesapeake Appalachia, L.L.C.<br/>Statoil USA Onshore Properties, Inc.<br/>SWN Exchange Titleholder, LLC<br/>SWN Production Company, LLC<br/>Statoil USA Onshore Properties, Inc.<br/>Antero Exchange Properties LLC

SWN Exchange Titleholder, LLC SWN Production Company, LLC Antero Exchange Properties LLC Antero Exchange Properties LLC Antero Resources Corporation EQT Production Company

EQT Production Company

OG 158A/801 Corp. 13/296 OG 177A/533 OG 177A/738 Corp. 13/311 OG 228A/1 & 231A/158

		"at least 1/8th per WV Code 22-6-8"	
55 ac	Equitable Gas Company		OG 52A/437
	Columbia Gas Transmission Corporation		OG 64A/442
	Columbia Natural Resources, Inc.		OG 72A/368
	Columbia Natural Resources, LLC		Corp. 12/622
	Chesapeake Appalachia, L.L.C.		DB 402/446
	Statoilhydro USA Onshore Properties Inc.		OG 97A/578
	Statoil USA Onshore Properties, Inc.		WV SOS
	SWN Production Company, LLC		OG 157A/540
	SWN Exchange Titleholder, LLC		OG 158A/801
	SWN Production Company, LLC		Corp. 13/296
	Antero Exchange Properties LLC		OG 177A/533
	Antero Exchange Properties LLC		OG 177A/738
	Antero Resources Corporation		Corp. 13/311

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

OG 231A/59

17 ac	Equitable Gas Company	OG 53A/108
	Columbia Gas Transmission Corporation	OG 64A/442
	Columbia Natural Resources, Inc.	OG 72A/368
	Columbia Natural Resources, LLC	Corp. 12/622
-	Chesapeake Appalachia, L.L.C.	DB 402/446
	Statoilhydro USA Onshore Properties Inc.	OG 97A/578
	Statoil USA Onshore Properties, Inc.	WV SOS
	SWN Production Company, LLC	OG 157A/540
	SWN Exchange Titleholder, LLC	OG 158A/801
	SWN Production Company, LLC	Corp. 13/296
	Antero Exchange Properties LLC	OG 177A/533
	Antero Exchange Properties LLC	OG 177A/738
	Antero Resources Corporation	Corp. 13/311

<u>870118</u>	Glen Kiger, a widower Drilling Appalachian Corporation Grenadier Energy Partners, LLC Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc., et al	26 ac	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties, Inc. Statoil USA Onshore Properties, Inc. EQT Production Company		OG 77A/445 OG 118A/108 & 136A/538 OG 138A/1 OG 138A/54 OG 175A/707
	Frank W. Watson, Jr., et al.			"at least 1/8th per WV Code 22-6-8"	
<u>117641</u>	Roxie Brookover, widow: et al Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC and EQT Corporation Equitrans, LP	30 ac	Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC Equitrans, LP EQT Production Company		47A/145 OG 71A/453 Corp. 13/213 Corp. 13/213 Corp. 13/230 Misc. 105/908 OG 131A/81
				*at least 1/8th per	
<u>125422</u>	<b>Ridgetop Appalachia, LLC, et al.</b> Mildred M. Hunt, widow, et al Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC and EQT Corporation Equitrans, LP	23 ac	Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC Equitrans, LP EQT Production Company	WV Code 22-6-8"	OG 52A/377 OG 71A/453 Corp. 13/213 Corp. 13/213 Corp. 13/230 Misc. 105/908 OG 131A/81
	<u>Robert Barry Myers, Jr., et al.</u>			"at least 1/8th per WV Code 22-6-8"	
<u>125400</u>	Ingrim Myers, Jr. and Rosalie Myers, his wife, et al Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC and EQT Corporation Equitrans, LP	119 ac	Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC Equitrans, LP EQT Production Company		OG 52A/284 OG 71A/453 Corp. 13/213 Corp. 13/213 Corp. 13/230 Misc. 105/908 OG 131A/81
				at least 1/8th per	

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

Wanda K. Willey, et al.

Antero Resources Corporation

## EQT Production Company

OG 269A/533

	Dara J. Cottrell, et al.			*at least 1/8th per WV Code 22-6-8*	
<u>125464</u>	Dorothy Williams, widow, et al	19 ac	Equitable Gas Company		OG 53A/364
	Equitable Gas Company		Columbia Gas Transmission Corporation		OG 64A/442
	Columbia Gas Transmission Corporation		Columbia Natural Resources, Inc.		OG 72A/368
	Columbia Natural Resources, Inc.		Columbia Natural Resources, LLC		Corp. 12/622
	Columbia Natural Resources, LLC		Chesapeake Appalachia, L.L.C.		DB 402/446
	Chesapeake Appalachia, L.L.C.		Statoilhydro USA Onshore Properties Inc.		OG 97A/578
	Statoilhydro USA Onshore Properties Inc.		Statoil USA Onshore Properties, Inc.		WV SOS
	Chesapeake Appalachia, L.L.C.		SWN Production Company, LLC		OG 157A/540
	Statoil USA Onshore Properties, Inc.		SWN Exchange Titleholder, LLC		OG 158A/801
	SWN Exchange Titleholder, LLC		SWN Production Company, LLC		Corp. 13/296
	SWN Production Company, LLC		Antero Exchange Properties LLC		OG 177A/533
	Statoil USA Onshore Properties, Inc.		Antero Exchange Properties LLC		OG 177A/738
	Antero Exchange Properties LLC		Antero Resources Corporation		Corp. 13/311
	Antero Resources Corporation		EQT Production Company		OG 231A/59
	Bounty Minerals, LLC			"at least 1/8th per WV Code 22-6-8"	
<u>125453</u>	Adda M. Sole, widow	17 ac	Equitable Gas Company		OG 52A/428
	Equitable Gas Company		Columbia Gas Transmission Corporation		OG 64A/442
	Columbia Gas Transmission Corporation		Columbia Natural Resources, Inc.		OG 72A/368
	Columbia Natural Resources, Inc.		Columbia Natural Resources, LLC		Corp. 12/622
	Columbia Natural Resources, LLC		Chesapeake Appalachia, L.L.C.		DB 402/446
	Chesapeake Appalachia, L.L.C.		Statoilhydro USA Onshore Properties Inc.		OG 97A/578
	Statoilhydro USA Onshore Properties Inc.		Statoil USA Onshore Properties, Inc.		WV SOS
	Chesapeake Appalachia, L.L.C.		SWN Production Company, LLC		OG 157A/540
	Statoil USA Onshore Properties, Inc.		SWN Exchange Titleholder, LLC		OG 158A/801
	SWN Exchange Titleholder, LLC		SWN Production Company, LLC		Corp. 13/296
	SWN Production Company, LLC		Antero Exchange Properties LLC		OG 177A/533
	Statoil USA Onshore Properties, Inc.		Antero Exchange Properties LLC		OG 177A/738
	Antero Exchange Properties LLC		Antero Resources Corporation		Corp. 13/311
					00.004 4 (50

EQT Production Company

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

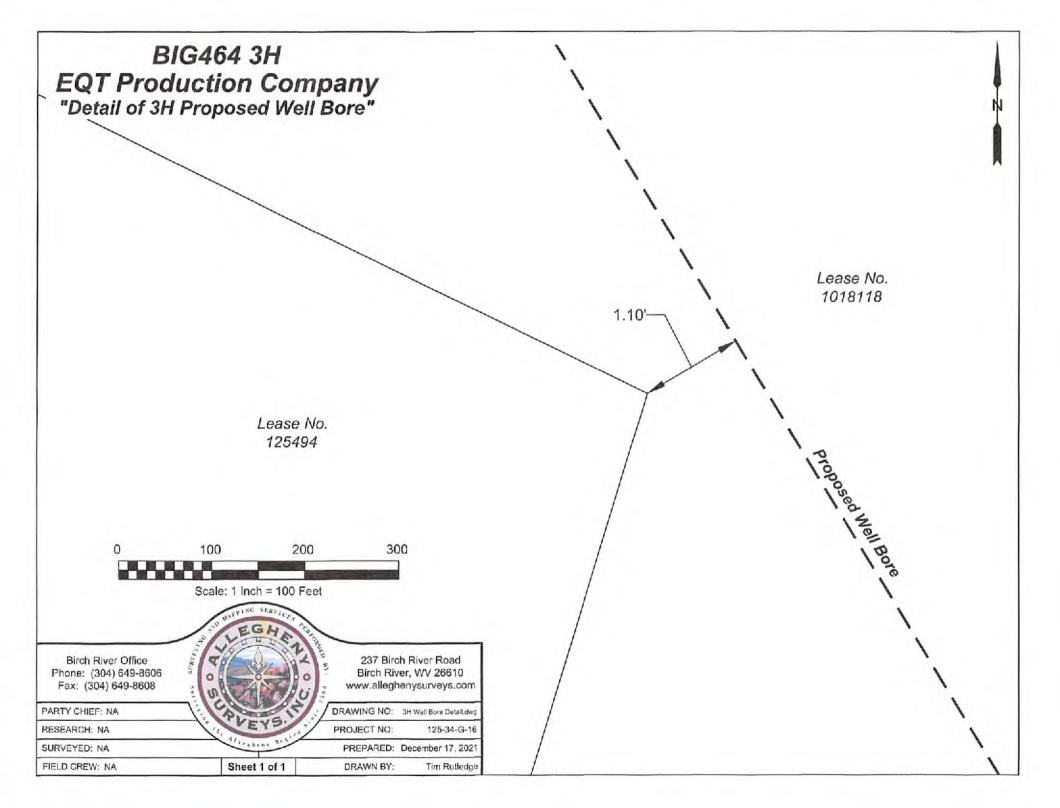
OG 231A/59

AMP Fund III, L.P., et al.

Antero Resources Corporation

<u>125387</u>	Hursel Willey and Anna L. Willey, his wife, et al Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC and EQT Corporation Equitrans, LP	21 ac	Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC Equitrans, LP EQT Production Company		OG 52A/185 OG 71A/453 Corp. 13/213 Corp. 13/213 Corp. 13/230 Misc. 105/908 OG 131A/81
<u>1018118</u>	<u>Wanda K. Willey, et al.</u> Hursel Lee Willey, in his own right	11.31 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8*	OG 185A/368
<u>125489</u>	Shiben Estates, Inc., et al. Esther Peters, et al Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC and EQT Corporation Equitrans, LP	46 ac	Equitable Gas Company Equitrans, Inc. EQT Capital Corporation Equitable Resources, Inc. Equitable Gas Company, LLC Equitrans, LP EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 53A/395 OG 71A/453 Corp. 13/213 Corp. 13/213 Corp. 13/230 Misc. 105/908 OG 131A/81

WW-6A1 addendum attachment			Operator's Well No.	BIG464 3H	BIG464 3H	
Lease No.	Grantor, Lessor, etc.		Grantee, Lessee, etc.	Royalty	Book/Page	
	Melinda Debner, et al.			"at least 1/8th WV Code 22-	•	
125494	Ethel U. Haught Ott, widow, et al.	8 ac	Equitable Gas Company		OG 53A/458	
	Equitable Gas Company		Equitrans, Inc.		OG 71A/453	
	Equitrans, Inc.		EQT Capital Corporation		Corp. 13/213	
	EQT Capital Corporation		Equitable Resources, Inc.		Corp. 13/213	
	Equitable Resources, Inc.		Equitable Gas Company, LLC		Corp. 13/230	
	Equitable Gas Company, LLC and EQT Corporation		Equitrans, LP		Misc. 105/908	
	Equitrans, LP		EQT Production Company		OG 131A/81	





Stansberry, Wade A <wade.a.stansberry@wv.gov>

## Modification Horizontal H6A Well Work Permit (API: 47-103-03431, 03432, 03433, 03434, 03435, 03436, 03437)

1 message

#### Stansberry, Wade A <wade.a.stansberry@wv.gov>

Thu, Feb 3, 2022 at 12:00 PM To: John <JZavatchan@eqt.com>, Todd <tklaner@eqt.com>, "Shrum, Becky" <bshrum@eqt.com>, Olivia Pishioneri <br/><br/>copishioneri@eqt.com>, Erin Spine 

I have attached a copy of the newly issued well permit number. This will serve as your copy.

47-103-03431 - BIG 464 1H 47-103-03432 - BIG 464 3H 47-103-03433 - BIG 464 5H 47-103-03434 - BIG 464 7H 47-103-03435 - BIG 464 9H 47-103-03436 - BIG 464 11H 47-103-03437 - BIG 464 113H

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry **Environmental Resource Specialist 3** West Virginia Department of Environmental Protection Office of Oil & Gas 601 57th St. SE Charleston, WV 25304 (304) 926-0499 ext. 41115 (304) 926-0452 fax Wade.A.Stansberry@wv.gov

### 7 attachments

- 47-103-03434 mod.pdf 7-1369K
- 47-103-03433 mod.pdf 7-1512K
- 47-103-03435 mod.pdf 7-1538K
- 47-103-03431 mod.pdf 7-1655K
- 47-103-03436 mod.pdf 7-1664K
- 47-103-03437 Copy.pdf 7-1556K
- 47-103-03432 mod.pdf 7-1664K

