

west virginia department of environmental protection

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

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

Wednesday, October 25, 2023
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY 400 WOODLIFF DR.

CANONSBURG, PA 15317

Re:

Permit Modification Approval for Haggard 12H

47-103-03530-00-00

Modifying the lateral location

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.

James A. Martin

Chief

Operator's Well Number: Haggard 12H

Farm Name: Amie Lee Henderson

U.S. WELL NUMBER: 47-103-03530-00-00

Horizontal 6A New Drill

Date Modification Issued: 10/25/2023

Promoting a healthy environment.

API NO. 47-103 03530
OPERATOR WELL NO. 12H
Well Pad Name: Happerd

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

1) Well Operator:	EQT Produc	ction Company	306686	Wetzel	Center	Littleton
		<u> </u>	Operator ID	County	District	Quadrangle
2) Operator's Well I	Number: 12	<u> </u>	Well Pac	l Name: Hagga	ard	<u></u>
3) Farm Name/Surfa	ace Owner:	Amie Lee Hender	son Public Roa	d Access: CR	8/2	
4) Elevation, curren	t ground:	1,519' (built) E	levation, proposed	post-constructi	on: 1,519'	(built)
5) Well Type (a) Oth		Oil	Unde	erground Stora	ge	
(b)I		Ilow X	Deep			•
6) Existing Pad: Yes				_		
7) Proposed Target Marcellus, 7,676',		= :	cipated Thickness a	and Expected P	ressure(s):	
8) Proposed Total V	ertical Dept	h: 7,676'				
9) Formation at Total						
10) Proposed Total	Measured D	epth: 20,251'			CEIVED	
11) Proposed Horizo	ontal Leg Le	ngth: 12,091'		_	f Oil and Gas	5
12) Approximate Fr	esh Water S		465'	• -	1 0 2023	
13) Method to Deter	rmine Fresh	Water Depths:	Offset Wells: 47-103	-02236, A	partment of excel 4 otecti	on
14) Approximate Sa	altwater Dep					
15) Approximate Co	oal Seam De	pths: 1,339'-1,34	2'; 1,437'-1,442'			
16) Approximate De	epth to Possi	ble Void (coal m	ine, karst, other):	N/A		
17) Does Proposed directly overlying o			ms Yes	No	, <u>x</u>	
(a) If Yes, provide	Mine Info:	Name:				
		Depth:				
		Seam:				
		Owner:				

WW-6B
(04/15)

API	NO.	47-	103	_	03530
		•••			

OPERATOR WELL	NO. <u>12H</u>
Well Pad Name:	Haggard

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A252 GR3	85.6	68	68	50 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1492	1492	1325 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2909	2909	1100 ft^3 / CTS
Production	6	New	P-110	24	20251	20251	500 above intermediate cashig
Tubing							
Liners						,	

TYPE	Size (in)	Wellbore Diameter (in)	<u>Wall</u> <u>Thickness</u> <u>(in)</u>	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	0.312	1000	18	Class A/L	1.04 - 1.20
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A/L	1.04 - 1.20
Coal							
Intermediate	9 5/8	12 3/8	0.352	3520	2816	Class A/L	1.04 - 1.20
Production	6	8 1/2	0.400	14580	11664	Class A/H/L	1.04 - 2.10
Tubing							
Liners			_				

PACKERS

Kind:				
Sizes:				
Depths Set:				

WW-6B
(10/14)

API NO. 47- 103	03530
OPERATOR WEL	L NO. 12H
Well Pad Name	• Haggard

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

This well has been drilled to an MD of 7,117' EQT will continue drilling and complete a new horizontal well in the Marcellus Formation. We will resume drilling the curve from the tie in, 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) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 15.24 acres (built)

22) Area to be disturbed for well pad only, less access road (acres): 8.84 acres (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 other joint from production casing shoe to landing point.
 One solid body centralizer spaced every joint from landing point to planned top of cement, hoe to KOP.

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

Conductor: 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.

Page 3 of 3 10/27/2023 Stephen McCoy Object/Supres by Snephen McCoy Stephen McCoy Object/Supres by Snephen McCoy

^{*}Note: Attach additional sheets as needed.

Wellbore Diagram **EQT Production** Wetzel County: Well: Haggard 12H West Virginia State: Pad: Haggard Elevation: 1519' GL 1547' KB Conductor @ 68' 26", 85.6#, A252 GR3, cement to surface w/ Class A/L 1,492' Surface @ 13-3/8", 54.5#, J-55, cement to surface w/ Class A/L 2,909' Intermediate @ 9-5/8", 36#, J-55, cement to surface w/ Class A/L RECEIVED Office Of Oil and Gas OCT 10 2023 WV Department of Environmental Protection **Production** 20,251' MD / 7,676' TVD @ 6", 24#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L Formation: Marcellus Stephen Mccoy Mcoy Date 2023 1909 14 27 19 4

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EQT Production

Hydraulic Fracturing Monitoring Plan

Pad ID: Haggard

County: Wetzel

October 5, 2023

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OCT 10 2023

WV Department of Environmental Protection

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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 well on the Haggard pad: 12H.

Due to the requirements under 35CSR8 5.11, 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 Office Of Oil and G them throughout the fracturing process.

EQT will recommend to these operators at a minimum to:

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WV Department of Environmental Protect

- Inspect their surface equipment prior to fracturing to establish integrity and establish pre-1. frac well conditions
- Observe wells closely during and after fracturing and monitor for abnormal increases in 2. water, gas or pressure
- Inspect or install master valves or other necessary equipment for wellhead integrity capable 3. of a pressure recommended by EQT
- Notify the OOG and EQT if any changes in water, gas production, pressure, or other 4. anomalies are identified

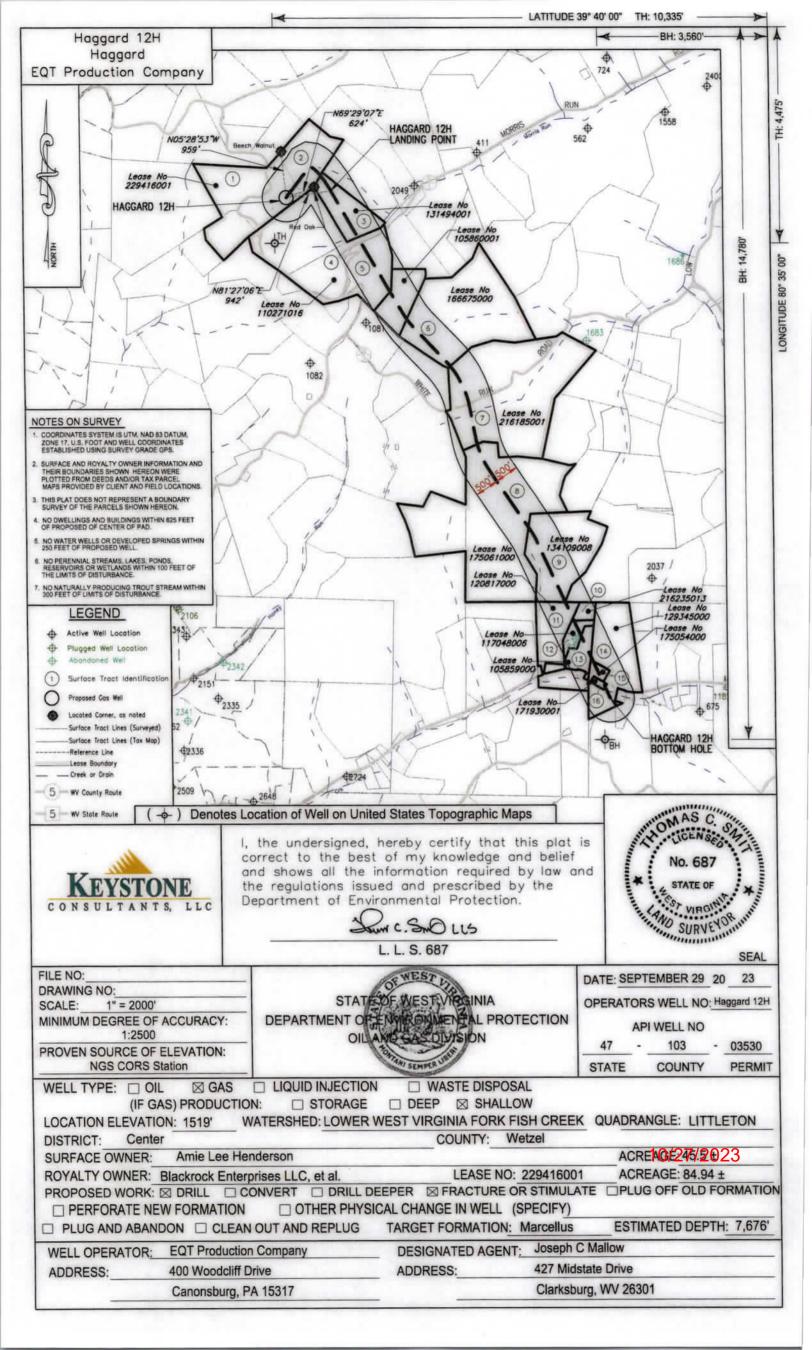
2. Reporting

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.

Page 2 of 2

API_UWI	API_UWI_12	ENVOperato	ENVWell5ta	ENVWellTyp	InitialOpe	Latitude	Longitude	ElevationG (ElevationK MD_FT	TVD_F1	T WellName	WellSymbol
30303	47-103-30303-00	C D CROUCH GAS	UNREPORTED	UNREPORTED	C D CROUCH GAS	39.648187	-80.612405	1295.00	0.00	0.00	0.00 JENNIE MORRIS	UNREPORTED-UNREPORTED
73379	47-103-73379-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.629593	-80.5 96 845	1244.00	0.00	0.00	0.00 W SAPP	UNREPORTED-UNREPORTED
73380	47-103-73380-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.628577	-80.5 99 285	1112.00	0.00	0.00	0.00 ROSA GARRETT	UNREPORTED-UNREPORTED
73356	47-103-73356-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.648460	-80.613360	1399.00	0.00	0.00	0.00 GEORGE E MORRIS	UNREPORTED-UNREPORTED
73352	47-103-73352-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.649912	-80.612609	1284.00	0.00	0.00	0.00 GEORGE E MORRIS	UNREPORTED-UNREPORTED
00083	47-103-00083-00	P J BLANK	P & A	WATER	P J BLANK	39.629448	-80.598534	1075.00	1085.00 298	4.00 298	4.00 GARRETT, ROSA 1	WATER-P & A
73349	47-103-73349-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.652670	-80.614673	1219.00	0.00	0.00	0.00 ELIZABETH SOLE	UNREPORTED-UNREPORTED
73342	47-103-73342-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.656443	-80.617864	1290.00	0.00	0.00	0.00 S C MILLER	UNREPORTED-UNREPORTED
73390	47-103-73390-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.639317	-80.604727	1544.00	0.00	0.00	0.00 A C WOOD	UNREPORTED-UNREPORTED
30710	47-103-30710-00	RANDALL-ZOGG SUPPLY CO.	INACTIVÉ COMPLETED	OIL	RANDALL-ZOGG SUPPLY CO.	39.653117	80.616722	1255.00	0.00	0.00 319	0.00 J C HORNER 1	OIL-INACTIVE COMPLETED
73351	47-103-73351-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.6517 9 9	-80.612984	1254.00	0.00	0.00	0.00 GEORGE E MORRIS	UNREPORTED-UNREPORTED
73350	47-103-73350-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.651363	-80.615424	1274.00	0.00	0.00	0.00 GEORGE E MORRIS	UNREPORTED-UNREPORTED





Haggard 12H Haggard

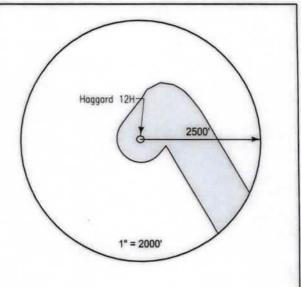
EQT Production Company

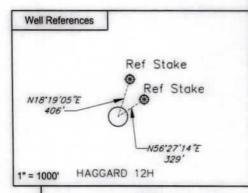
Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	10	36.0	Wetzel	Center	Amie Lee Henderson	45.50
2	10	27.0	Wetzel	Center	Scott L. Musgrave	35.00
3	10	39.0	Wetzel	Center	Rusty Lee Morris	25.12
4	10	53.0	Wetzel	Center	Rusty Lee Morris	22.02
5	10	54.0	Wetzel	Center	Ronnie E. & Yvonne M. Wade	65.79
6	10	56.0	Wetzel	Center	Patrick L. Morris	93.75
7	14	10.0	Wetzel	Center	Johnny Kenneth & Deborah K. Greathouse	122.00
8	14	33.0	Wetzel	Center	Dennis L. Hickle ET AL	144.00
9	15	42.0	Wetzel	Center	Sharon M. Dulaney ET AL	53.30
10	15	52.1	Wetzel	Center	Potts Cemetery	1.30
11	15	52.0	Wetzel	Center	Sharon M. Dulaney ET AL	25.95
12	15	52.2	Wetzei	Center	Richard F. Sapp EST & Bill Plaine Norris ET AL	4.50
13	15	53.0 & 53.2	Wetzel	Center	Richard F. Sapp EST & Helen C Sprout ETAL	9.75
14	15	55.0	Wetzel	Center	Mildred A. Sapp	44.82
15	15	54.0	Wetzel	Center	April C. Crihfield	2.30
16	15	55.2	Wetzel	Center	Darlene K. & Jason W. Daniels	1.03
Leas	e		Owner		Acres	
229416	001	Blackrock 8	84.94 ac of			

Lease	Owner	Acres
229416001	Blackrock Enterprises LLC, et al.	84.94 ac of 198.1275 ac
110271016	Vivian Rine, alk/a Vivian L. Rine, et al.	95.7 ac
131494001	Charles Lee Thomas. Trustee of The Charles Lee Thomas Trust, et al.	25.12 ac
105860001	Stone Hill Minerals Holdings, LLC, et al.	1,694.69 ac
166675000	AMP IV, LP, et al.	93.75 ac
216185001	Drilling Appalachian Corporation, et al.	122 ac
175061000	OXY USA, Inc., et al.	31,19 ac and 144 ac of 31,151.581 ac
134109008	Raymond Lee Yoho, et al.	53.25 ac
120817000	Raymond Lee Yoho, et al.	27.075 ac
216235013	Carmen Yvonne Blake, et al.	1.25 ac
117048006	Deborah Sapp, et al.	4.5 ac
105859000	Charles P. Mavely and Helen C. Mavely, husband and wife, et al.	9.75 ac
129345000	Appalachian Basin Minerais, LP, et al.	45.92 ac
175054000	April Glenmore Crihfeld, et al.	2.25 ac
171930001	Darlene K. Daniels and Jason W. Daniels, wife and husband, et al.	1.03 ac

HAGGARD 16H 103-03532

HAGGARD 16H 103-0353 HAGGARD 12H 103-03530 OHAGGARD 10H 103-035530 OHAGGARD 8H 103-03529 HAGGARD 8H 103-03528 OHAGGARD 8H 103-03528 OHAGGARD 4H 103-03527 OHAGGARD 2H 103-03526





Notes:

NAD 27 N: 422,388.837 E: 1,684,594.268
NAD 27 Lat: 39,654302 Long: -80,620231
NAD 83 UTM N: 4,389,467.252 E: 532,596.067

HAGGARD 12H Landing Point coordinates are NAD 27 N: 422,528.852 E: 1,685,525.908 NAD 27 Lat: 39.654718 Long: -80.616929 NAD 83 UTM N: 4,389,514.657 E: 532,879.195

HAGGARD 12H Bottom Hole coordinates are NAD 27 N: 412,001.044 E: 1,691,246.324 NAD 27 Lat: 39.626010 Long: -80.596157 NAD 83 UTM N: 4,386,336.393 E: 534,675.436

West Virginia Coordinates system of 1927 (North Zone) based upon Differential GPS Measurements Plat orientation, Corner and well ties are based upon the grid north meridian Well location references are passed upon the grid north meridian.
UTM coordinates are NAD83, Zone 17, Meters.

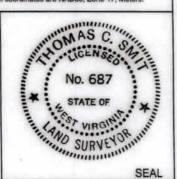


HAGGARD PAD

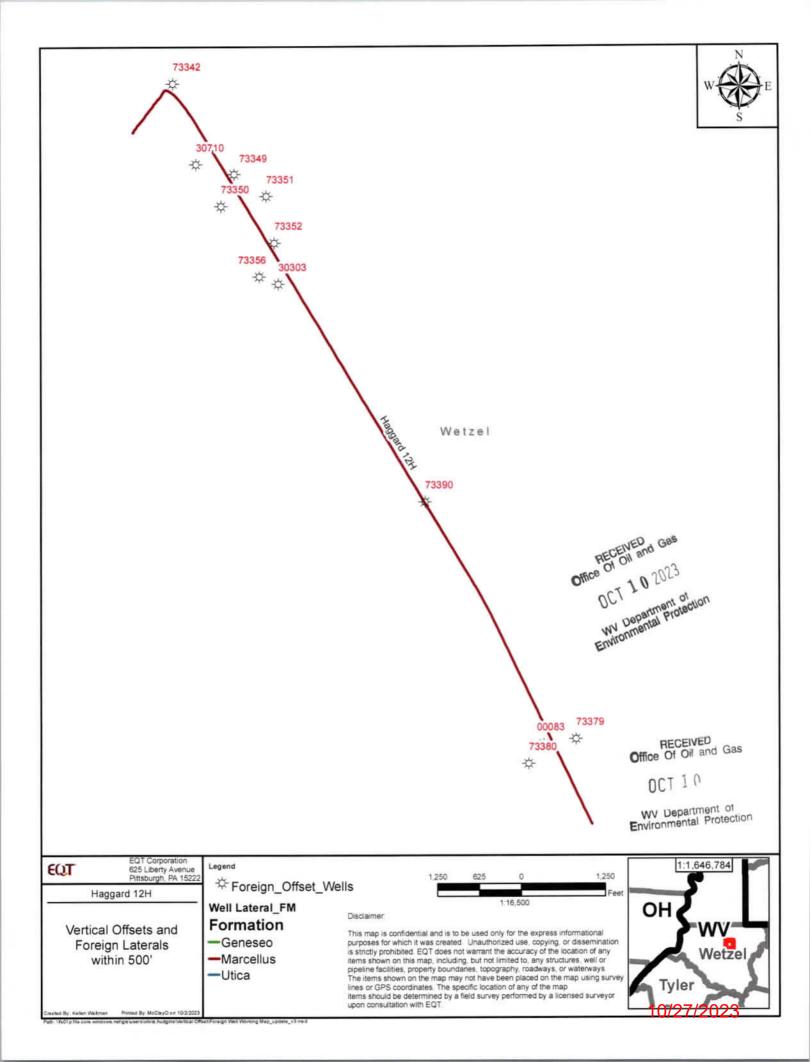
l, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Sum c. Smo LLS

L. L. S. 687



DRAWING NO: SCALE: 1" = 1000'	110	OF WEST VINGINIA		SEPTEMBER 2 RS WELL NO:		23 gard 12H
MINIMUM DEGREE OF ACCURACY: 1:2500	The state of the s	ENVIRONMENTAL PROTECTION		API WELL NO	,	02520
PROVEN SOURCE OF ELEVATION: NGS CORS Station		TONTANI SEMPER LINES	STATE	- 103 COUNT	Υ -	03530 PERMIT
DISTRICT: Center SURFACE OWNER: Amie Lee H ROYALTY OWNER: Blackrock E PROPOSED WORK: DRILL C	Henderson Enterprises LLC, et al. ONVERT □ DRILL D	EEPER S FRACTURE OR S CAL CHANGE IN WELL (SPEC	229416001 A TIMULATE	DRANGLE: 10/2 ACREAGE: ACREAGE: PLUG OFF O	7/20 45.5± 84.94± LD FO	RMATION
WELL OPERATOR: EQT Production ADDRESS: 400 Woodcliff C Canonsburg, P	Drive	ADDRESS:	Joseph C Mallow 427 Midstate Driv Clarksburg, WV	/e		



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

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

- the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (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:

Lea	ise	Name	or
	Nu	mber	

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See attached

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

Office Of Oil and Gas

OCT 10 2023

WV Department of Environmental Protection

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

Well Operator: EQT Production Company

By: John Zavatchan

Its: Project Specialist - Permitting

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ease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
<u>229416001</u>	Blackrock Enterprises LLC, et al.	84.94 ac of		"at least 1/8th per WV Code 22-6-8"	
	Blackrock Enterprises LLC	198.1275 ac	Antero Resources Corporation		OG 273A/383
	Antero Resources Corporation		EQT Production Company		OG 324A/748
<u>110271016</u>	Vivian Rine, a/k/a Vivian L. Rine, et al.			"at least 1/8th per WV Code 22-6-8"	,
	Vivian Rine, alk/a Vivian L. Rine, a married woman dealing in her sole and separate property	95.7 ac	EQT Production Company		OG 183A/902
<u>131494001</u>	Charles Lee Thomas, Trustee of The Charles Lee Thomas Trust, et al.			"at least 1/8th per WV Code 22-6-8"	,
	Charles Lee Thomas, Trustee of The Charles Lee Thomas Trust	25.12 ac	EQT Production Company		OG 183A/684
10 <u>5860001</u>	Stone Hill Minerals Holdings, LLC, et al.			"at least 1/8th per WV Code 22-6-8"	,
	Chesapeake Appalachia, L.L.C.	1,694.69 ac	SWN Production Company, LLC		OG 166A/931
	SWN Production Company, LLC		Antero Exchange Properties LLC		OG 177A/533
	Antero Exchange Properties LLC		Antero Resources Corporation		Corp. Book 13/311
	Antero Resources Corporation		EQT Production Company		OG 231A/59
<u>166675000</u>	AMP IV, LP, et al.			"at least 1/8th per WV Code 22-6-8"	•
	AMP IV, LP	93.75 ac	EQT Production Company		OG 265A/549
<u>216185001</u>	Drilling Appalachian Corporation, et al.			"at least 1/8th per WV Code 22-6-8"	•
	Drilling Appalachian Corporation	122 ac	EQT Production Company		OG 276A/602

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

<u>175061000</u>	OXY USA, Inc., et al.			Code 22-6-8"	
		31.19 ac and			
		144 ac of			00.1051/505
	BRC Appalachian Minerals I, LLC BRC Appalachian Minerals I, LLC	31,101.001 ac	BRC Working Interest Company, LLC		OG 102A/505
	BRC Minerals LP		BRC Working Interest Company, LLC		OG 103A/320
	BRC Working Interest Company, LLC		Chesapeake Appalachia, L.L.C.		OG 103A/470
	Chesapeake Appalachia, L.L.C.		Statoil USA Onshore Properties, Inc.		OG 120A/109
	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. Book 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. Book 13/311
	Antero Resources Corporation		EQT Production Company		OG 231A/22
				"at least 1/8th per WV	
<u>134109008</u>	Raymond Lee Yoho, et al.			Code 22-6-8"	
	Raymond Lee Yoho and Billie S. Yoho, husband and wife	53.25 ac	EQT Production Company		OG 274A/213
				"at least 1/8th per WV	
120817000	Raymond Lee Yoho, et al.			Code 22-6-8"	
	Raymond Lee Yoho and Billiesue Yoho, a/k/a Sue Yoho, husband				
	and wife	27.075 ac	Antero Resources Corporation		OG 179A/631
	Antero Resources Corporation		EQT Production Company		OG 231A/59
				P-1 - and 6 (Oth 34/17)	
216235013	Carmen Yvonne Blake, et al.			*at least 1/8th per WV Code 22-6-8*	
210233013	Carmen Yvonne Blake	1.25 ac	EQT Production Company	3000 22 0 0	OG 284A/205
	Camien rychne blake	1.23 &	EQT Floduction Company		00 2017/200
				*at least 1/8th per WV	
<u>117048006</u>	Deborah Sapp, et al.			Code 22-6-8*	
	Deborah Sapp, a widow	4.5 ac	EQT Production Company		OG 289A/939
	Charles P. Mavety and Helen C. Mavety,			"at least 1/8th per WV Code 22-6-8"	
<u>105859000</u>	husband and wife, et al.			Oude 22-0-0	
	Charles P. Mavety and Helven C. Mavety, husband and wife	9.75 ac	Antero Resources Corporation		OG 174A/50
	Antero Resources Corporation		EQT Production Company		OG 231A/59

<u>129345000</u>	Appalachian Basin Minerals, LP, et al.			"at least 1/8th per WV Code 22-6-8"	
	Appalachian Basin Minerals, LP, by ABM GP, LLC, is General Partner	45.92 ac	EQT Production Company	O	G 227A/84
175054000	April Glenmore Crihfield, et al.			"at least 1/8th per WV Code 22-6-8"	
	Carol Ann Price, fka Carol Ann Crihfield, a widow	2.25 ac	Antero Resources Corporation	Q	G 220A/472
	Antero Resources Corporation		EQT Production Company	O	G 269A/533
<u>171930001</u>	Darlene K. Daniels and Jason W. Daniels, wife and husband, et al.			"at least 1/8th per WV Code 22-6-8"	
	Darlene K. Daniels and Jason W. Daniels, her husband	1.03 ac	EQT Production Company	O	G 251A/47

WV Department of Environmental Protection

Office Of Oil and Gas



October 5, 2023

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

Re: Haggard 12H 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

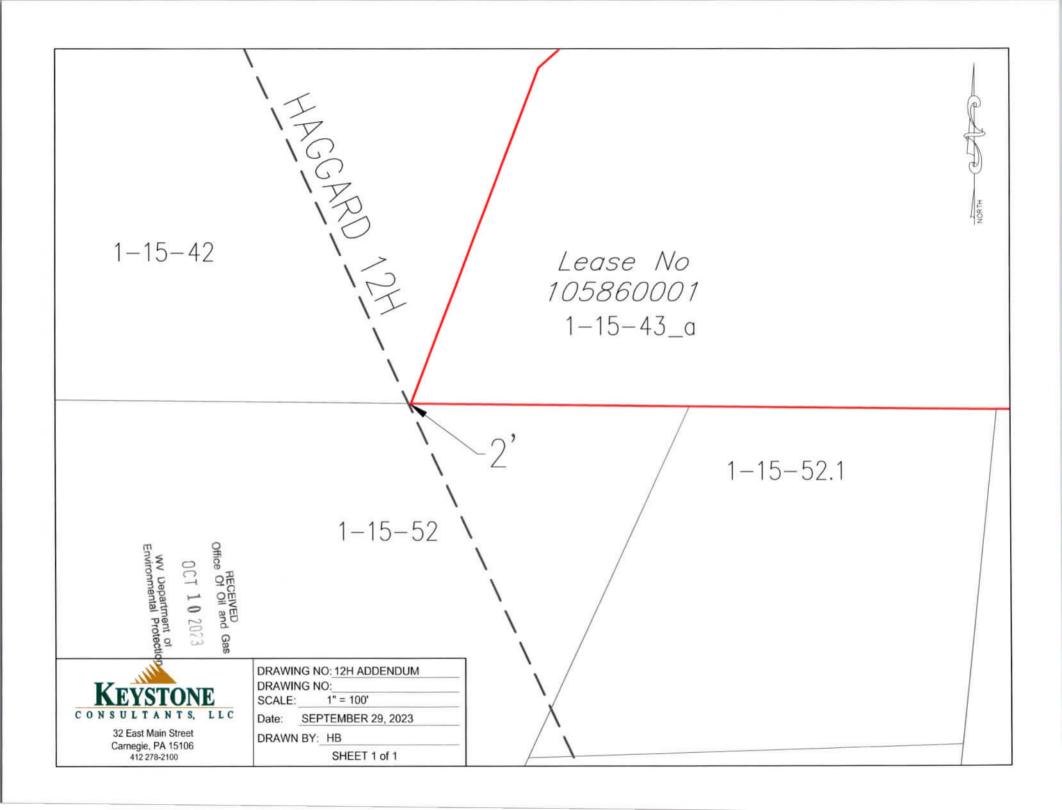
Project Specialist - Permitting

Enc.

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ease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
				"at least 1/8th per WV	
<u>105860001</u>	Stone Hill Minerals Holdings, LLC, et al.			Code 22-6-8"	
	Chesapeake Appalachia, L.L.C.	1,694.69 ac	SWN Production Company, LLC		OG 166A/931
	SWN Production Company, LLC		Antero Exchange Properties LLC		OG 177A/533
	Antero Exchange Properties LLC		Antero Resources Corporation		Corp. Book 13/311
	Antero Resources Corporation		EQT Production Company		OG 231A/59

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