



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, January 22, 2025
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for Tesla 13H
47-103-03666-00-00

Extended Lateral Length and adding an AST to the Pad

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.

A blue ink signature of James A. Martin, written in a cursive style.

James A. Martin
Chief

Operator's Well Number: Tesla 13H
Farm Name: Harrison County Coal Resources & EQT Production C⁺
U.S. WELL NUMBER: 47-103-03666-00-00
Horizontal 6A New Drill
Date Modification Issued: 1/22/2025

Promoting a healthy environment.

01/24/2025

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

1) Well Operator: EQT Production Company 306686 Wetzel Grant Glover Gap
Operator ID County District Quadrangle

2) Operator's Well Number: 13H Well Pad Name: Tesla

3) Farm Name/Surface Owner: Harrison County Coal Resources & EQT Production Company Public Road Access: CR-21

4) Elevation, current ground: 1,320' (built) Elevation, proposed post-construction: 1,320' (built)

5) Well Type (a) Gas Oil Underground Storage
Other
(b) If Gas Shallow Deep
Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 7,670', 79', 2,620 psi

8) Proposed Total Vertical Depth: 7,670'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 19,820'

11) Proposed Horizontal Leg Length: 11,457'

12) Approximate Fresh Water Strata Depths: 171', 278'

13) Method to Determine Fresh Water Depths: Offset Wells - 049-00113, 049-00094, 049-00505

14) Approximate Saltwater Depths: 2,033', 2,108', 2,568', 3,276'

15) Approximate Coal Seam Depths: 1,187'-1,193'

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No

(a) If Yes, provide Mine Info: Name: Harrison County Mine
Depth: 1,187'-1,193'
Seam: Pittsburgh
Owner: Harrison Coal County Resources, Inc.

CK# 607354
2500
11/13/2024

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18)

CASING AND TUBING PROGRAM

TYPE	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
Conductor	26	New	A252	85.6	53	53	45 ft ³ / CTS
Fresh Water	13 3/8	New	J-55	54.5	1243	1243	1135 ft ³ / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2605	2605	1000 ft ³ / CTS
Production	5 1/2	New	P-110	20	19820	19820	500' above intermediate casing
Tubing							
Liners							

TYPE	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
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 - 12 1/4	0.352	3520	2816	Class A/H/L	1.04 - 1.20
Production	5 1/2	8 3/4 - 8 1/2	0.361	14360	11488	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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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) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 42.88 acres (built)

22) Area to be disturbed for well pad only, less access road (acres): 6.55 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.

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. If applicable: Gas Migration Control Additive, Cement Retarder
 Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, RECEIVED
 Anti-Settling/Suspension Agent Office of Oil and Gas

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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.

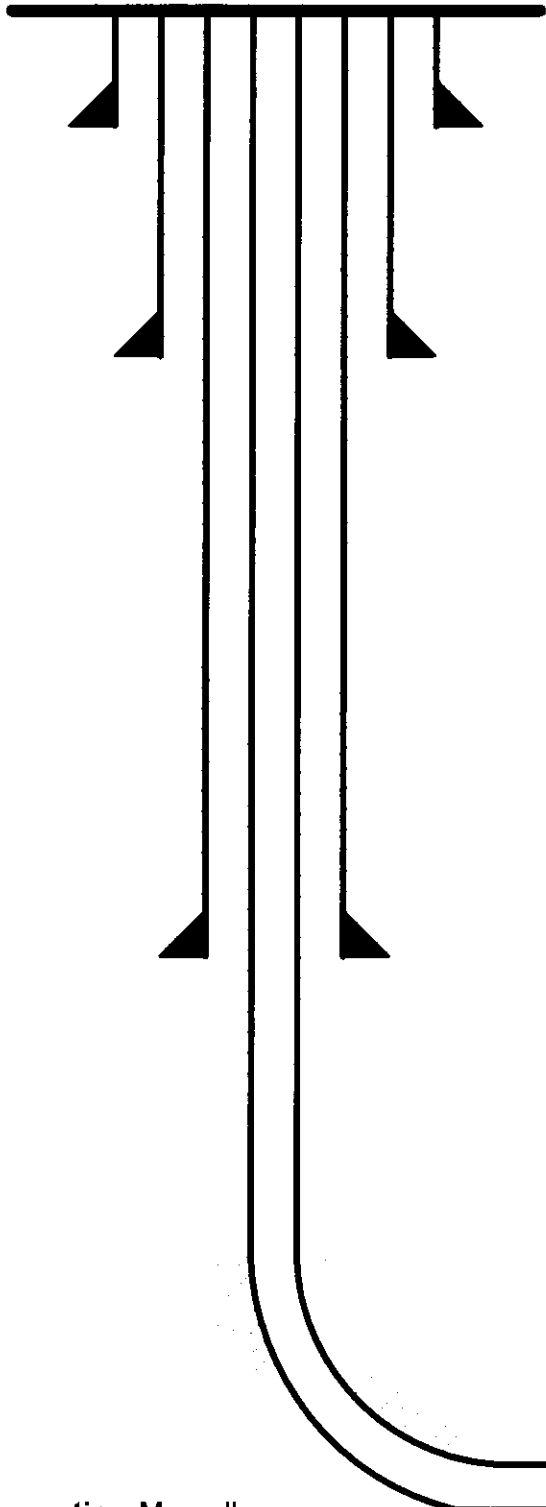
*Note: Attach additional sheets as needed.

EQT Production

Wellbore Diagram

Well: Tesla 13H
Pad: Tesla
Elevation: 1320' GL 1333' KB

County: Wetzel
State: West Virginia



Conductor @ 53'

26", 85.6#, A252, cement to surface w/ Class A/L

Surface @ 1,243'

13-3/8", 54.5#, J-55, cement to surface w/ Class A/L

Intermediate @ 2,605'

9-5/8", 36#, J-55, cement to surface w/ Class A/H/L

Production @ 19,820' MD / 7,670' TVD

5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

Formation: Marcellus

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ON 12/17/2024 SALE

EQT Production Company
Hydraulic Fracturing Monitoring Plan
Pad ID: Tesla
County: Wetzel

November 22, 2024

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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 wells on the Tesla pad: 1H, 3H, 5H, 7H, 9H, 11H, 13H 15H and 17H.

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 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
3. 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

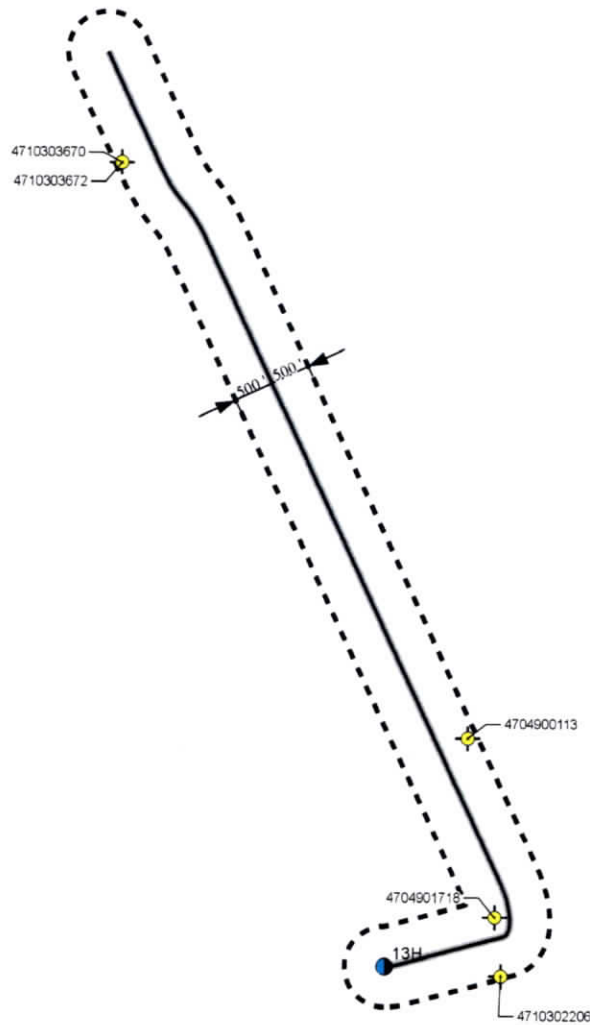
EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

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Legend	
	Wells
	Tesla Tophole
	Tesla Lateral
	Tesla Lateral Buffer 500

SHEET: 1 OF 1	AREA OF REVIEW (AOR) PLAT		PREPARED FOR:	PREPARED BY:	No.	Revisions	Date
SCALE: 1" = 1,500 feet	Well (Farm) Name: Tesla			 KEYSTONE 22 East Main Street Corryville, PA 16106 812-276-2100 812-276-2129 Fax			
DATE: 11/6/2024	Well #: 13H	DEP ID#:					
Wellzel County, WV	1,500 0 1,500 Feet						

01/24/2025

PermitID	WellType	WellUse	WellDepth	RespParty	WellStatus	FarmName	WellNumber	WellX	WellY	Formation
103-02206	Vertical	Not Available	Not Available	CONSOLIDATION COAL COMPANY	Plugged	CONSOLIDATION COAL	5529	544786.62	4373840.88	NA
049-01718	Vertical	Not Available	Not Available	CONSOLIDATION COAL COMPANY	Plugged	HAYES, MARK L.	5530	544758.4	4374063.7	NA
049-00113	Vertical	Not Available	Not Available	CONSOLIDATION COAL COMPANY	Plugged	KOVACH, GEORGE C.	5599	544641.9	4374739.5	NA
103-03670	Vertical	Gas Production	Shallow less than :	WEST VIRGINIA LAND RESOURCES, INC.	Plugged	EQUITRANS LP	WEST VIRGINIA LAND	543273	4376898	NA
103-03672	Vertical	Oil Production	Shallow less than :	WEST VIRGINIA LAND RESOURCES, INC.	Permit Application	EQUITRANS LP	7447	543273	4376898	NA

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Tesla 13H
Tesla
EQT Production Company

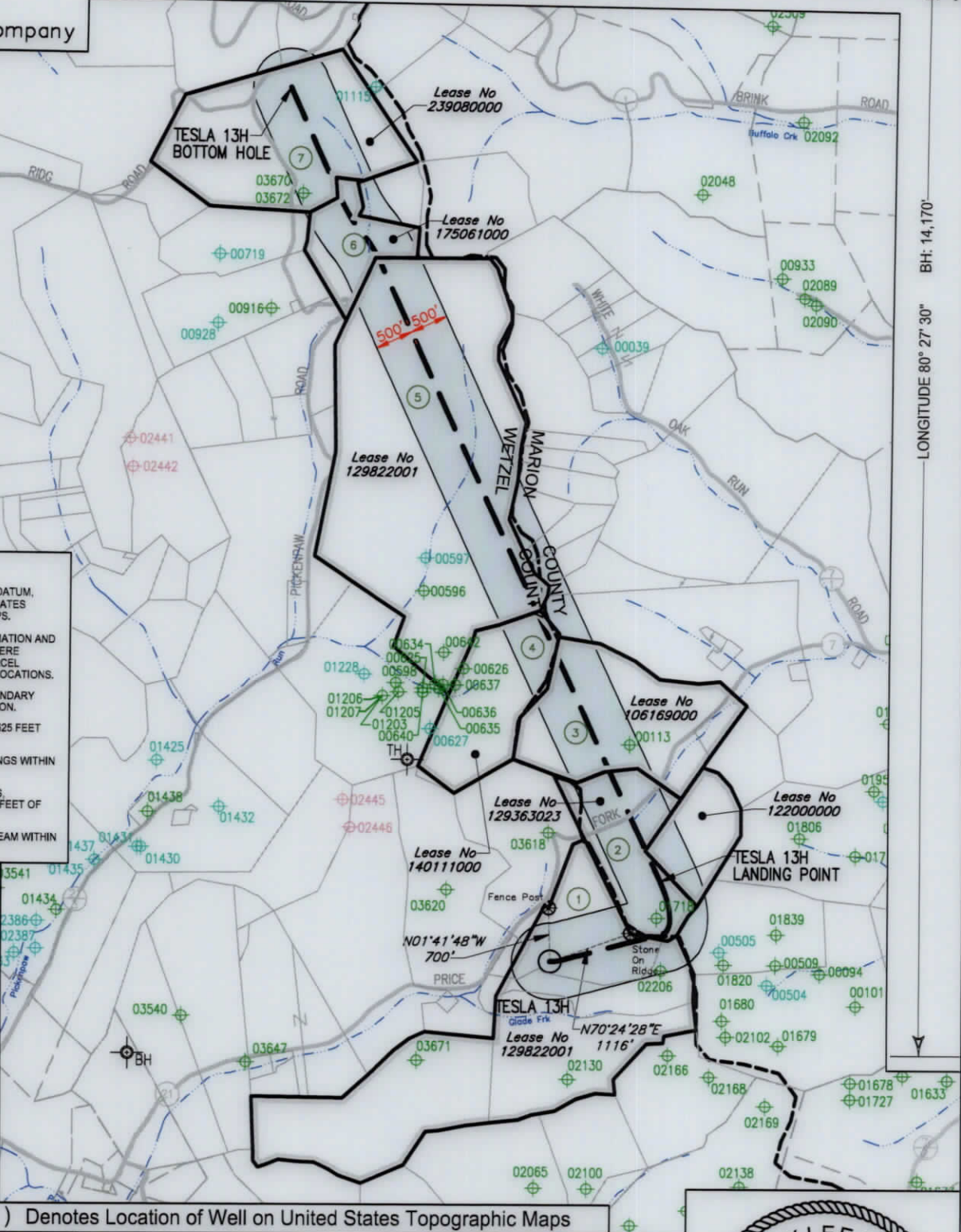
LATITUDE 39° 32' 30" TH: 7,285'
LATITUDE 39° 35' 00" BH: 10,930'



NOTES ON SURVEY

- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

- LEGEND**
- Active Well Location
 - Plugged Well Location
 - Abandoned Well
 - Coal bed Methane Well
 - Surface Tract Identification
 - Proposed Gas Well
 - Located Corner, as noted
 - Surface Tract Lines (Surveyed)
 - Surface Tract Lines (Tax Map)
 - Reference Line
 - Lease Boundary
 - Creek or Drain
 - WV County Route
 - WV State Route



BH: 14,170'
LONGITUDE 80° 27' 30"
LONGITUDE 80° 27' 30" TH: 10,325'

(*) Denotes Location of Well on United States Topographic Maps



I, 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.

L. L. S. 2394
L. L. S. 2394



FILE NO:
DRAWING NO:
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: November 5, 20 24
OPERATORS WELL NO: Tesla 13H
API WELL NO: 47 - 103 - 03666
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION ELEVATION: 1320' WATERSHED: Fishing Creek QUADRANGLE: Glover Gap
DISTRICT: Grant COUNTY: Wetzel
SURFACE OWNER: Harrison County Coal Resources & EQT Production Company ACREAGE: 47.3 ±
ROYALTY OWNER: William M. Peterson, Jr., et al. LEASE NO: 129822001 ACREAGE: 4,564 ±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,670'

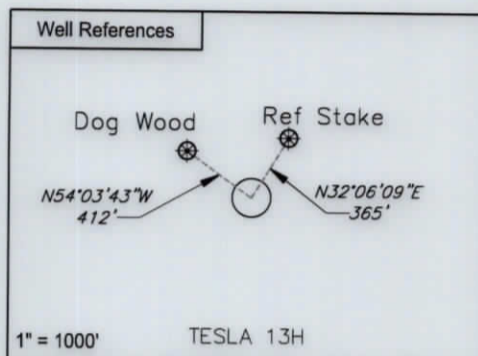
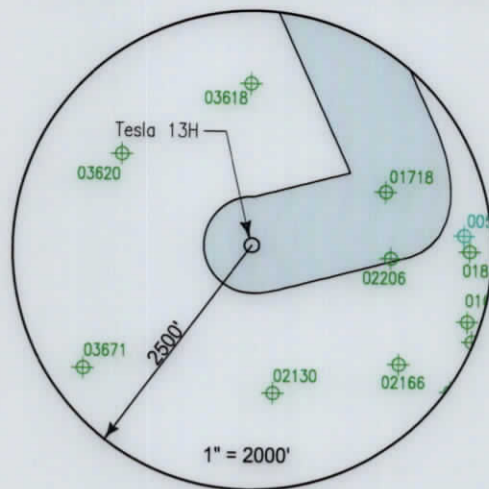
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 26301

01/24/2025

Tesla 13H
Tesla
EQT Production Company

Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	31	1.0	Wetzel	Grant	Harrison County Coal Resources & EQT Production Company	47.30
2	47	5.0	Marion	Mannington	Amber M Nichols	73.75
3	47	12.0	Marion	Mannington	George B & Cynthia L Kovach	75.56
4	25	40.0	Wetzel	Grant	Walter B & Rosia Lee Smith	57.51
5	25	21.0	Wetzel	Grant	Coastal Forest Resources CO	267.82
6	20	19.0	Wetzel	Grant	John A Coen EST	61.00
7	20	18.0	Wetzel	Grant	Equitrans LP	107.93

Lease	Owner	Acres
129822001	William M. Peterson, Jr., et al.	4,564 ac
129363023	Country Roads Minerals, LLC, et al.	52 ac
122000000	Bounty Minerals LLC	21.75 ac
106169000	Bradley W. Thomas, et al.	81.5 ac
140111000	EQT TGHL Exploration II LLC	57.5 ac
175061000	OXY USA Inc., et al.	61 ac of 31,151.581 ac
239080000	EQT TGHL Exploration LLC, et al.	100 ac



Notes:
TESLA 13H coordinates are
 NAD 27 N: 370,563,556 E: 1,722,289,183
 NAD 27 Lat: 39.513237 Long: -80.484345
 NAD 83 UTM N: 4,373,869.997 E: 544,343.330

TESLA 13H Landing Point coordinates are
 NAD 27 N: 371,618,520 E: 1,723,723,544
 NAD 27 Lat: 39.516177 Long: -80.479302
 NAD 83 UTM N: 4,374,198.696 E: 544,774.978

TESLA 13H Bottom Hole coordinates are
 NAD 27 N: 381,933,095 E: 1,718,763,327
 NAD 27 Lat: 39.544344 Long: -80.497288
 NAD 83 UTM N: 4,377,315.969 E: 543,211.48

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 based upon the grid north
 meridian.
 UTM coordinates are NAD83, Zone 17, Meters.

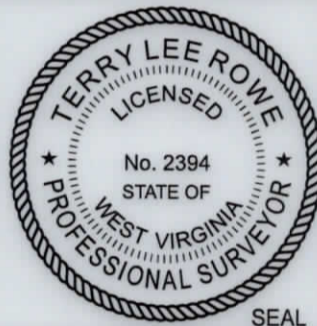
TESLA PAD

- TESLA 17H 103-03668 ○
- TESLA 15H 103-03667 ○
- TESLA 13H 103-03666 ○
- TESLA 11H 103-03665 ○
- TESLA 9H 103-03664 ○
- TESLA 7H 103-03663 ○
- TESLA 5H 103-03662 ○
- TESLA 3H 103-03661 ○
- TESLA 1H 103-03660 ○



I, 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.

L. L. S. 2394
 L. L. S. 2394



FILE NO: _____
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 DISTRICT: Grant COUNTY: Wetzel

SURFACE OWNER: Harrison County Coal Resources & EQT Production Company ACREAGE: 47.3 ±
 ROYALTY OWNER: William M. Peterson, Jr., et al. LEASE NO: 129822001 ACREAGE: 4,564 ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,670'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
 Canonsburg, PA 15317 Clarksburg, WV 26301

01/24/2025

**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

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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: Regional Manager - Permitting

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
<u>129822001</u>	<u>William M. Peterson, Jr., et al.</u> B. Walker Peterson and Nannie M. Peterson, his wife South Penn Oil Company South Penn Natural Gas Company South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Company Pennzoil Products Company Cobham Gas Industries, Inc., et al Cobham Gas Industries, Inc., et al Trans Energy, Inc. Trans Energy, Inc., Prima Oil Company, Inc. Trans Energy, Inc., Prima Oil Company, Inc., American Shale Development, Inc. Republic Partners VI, LP Trans Energy, Inc. Trans Energy, Inc., Prima Oil Company, Inc., American Shale Development, Inc. Prima Oil Company Trans Energy, Inc. Republic Energy Ventures, LLC and Republic partners, VIII, LLC Prima Oil Company American Shale Development, Inc.	4,564 ac	South Penn Oil Company South Penn Natural Gas Company South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Products Company Cobham Gas Industries, Inc. Prima Oil Company, Inc., a wholly owned subsidiary of Trans Energy, Inc. Prima Oil Company, Inc., a wholly owned subsidiary of Trans Energy, Inc. Republic Partners VI, LP Republic Partners VI, LP Republic Partners VI, LP Republic Energy Ventures, LLC Republic Energy Ventures, LLC Republic Energy Ventures, LLC Trans Energy, Inc. American Shale Development, Inc. EQT Production Company American Shale Development, Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 35/588 OG 33A/455 DB 215/478 WV SOS DB 246/491 WV SOS DB 319/397 DB 322/577 OG 76A/704 OG 84A/112 & 121A/830 OG 87A/190 OG 98A/512 OG 111A/942 OG 136A/784 OG 112A/549 OG 120A/737 OG 136A/777 OG 130A/150 OG 130A/196 OG 179A/281 WV SOS DB 464/353
<u>129363023</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC	52 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1348/465
<u>122000000</u>	<u>Bounty Minerals LLC</u> Bounty Minerals LLC Antero Resources Corporation	21.75 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1221/1046 AB 56/332
<u>106169000</u>	<u>Bradley W. Thomas, et al.</u> Bradley W. Thomas, a married man dealing in his sole and separate property, et al.	81.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1203/303

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<u>140111000</u>	<u>EQT TGHL Exploration II LLC</u>			"at least 1/8th per WV Code 22-6-8"
	TH Exploration II, LLC	57.5 ac	TH Exploration, LLC	OG 252A/110
	TH Exploration, LLC		EQT Production Company	OG 258A/333
<u>175061000</u>	<u>OXY USA Inc., et al.</u>			"at least 1/8th per WV Code 22-6-8"
	BRC Appalachian Minerals I LLC	61 ac of		
	BRC Appalachian Minerals I LLC	31,151.581 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	CB 13/296
	SWN Production Company, LLC		Antero Exchange Properties LLC	OG 177A/533
	Antero Exchange Properties LLC		Antero Resources Corporation	CB 13/311
	Antero Resources Corporation		EQT Production Company	OG 231A/22
<u>239080000</u>	<u>EQT TGHL Exploration LLC, et al.</u>			"at least 1/8th per WV Code 22-6-8"
	WV Minerals, Inc.	100 ac	TH Exploration, LLC	DB 470/349
	TH Exploration, LLC		EQT TGHL Exploration LLC	Misc 154/899

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November 22, 2024

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

Re: Tesla 13H 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,

A handwritten signature in blue ink, appearing to read 'John Zavatchan'.

John Zavatchan
Regional Manager - Permitting

Enc.

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01/24/2025



4-25-21

44'

MARION
WETZEL

12-46-1
Lease No
259229002

4-25-40
Lease No
140111000

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TESLA 13H

COUNTY
COUNTY

KEYSTONE
CONSULTANTS, LLC
32 East Main Street
Carnegie, PA 15106
412 278-2100

DRAWING NO: 13H ADDENDUM
DRAWING NO: _____
SCALE: 1" = 100'
Date: NOVEMBER 4, 2024
DRAWN BY: HB
SHEET 1 of 1

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
<u>259229002</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC Antero Resources Corporation	85.25 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1320/9 AB 65/756

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Tesla AST Notification 11/27/2024

9589 0710 5270 0282 4675 50

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Fairmont, WV 26554

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.77
Total Postage and Fees	\$10.72

Sent To: Amber M. Nichols
Street: 49 Penny Lane
City, St: Mannington, WV 26582

PS For: Auctions

0117 0282 4675 50
PA 15117
WOOD COUNTY, WV
Postmark Here
11/27/2024

9589 0710 5270 0282 4675 67

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Saint Clairsville, OH 43950

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.77
Total Postage and Fees	\$10.72

Sent To: Harrison County Coal Resources, Inc.
Street: 46226 National Road
City, St: St. Clairsville, OH 43950

PS For: Auctions

0117 0282 4675 67
PA 15117
WOOD COUNTY, OH
Postmark Here
11/27/2024

9589 0710 5270 0282 4675 74

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Canonsburg, PA 15317

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.77
Total Postage and Fees	\$10.72

Sent To: CNX Land Resources
Street: 1000 Horizon Vue Drive
City, St: Canonsburg, PA 15317

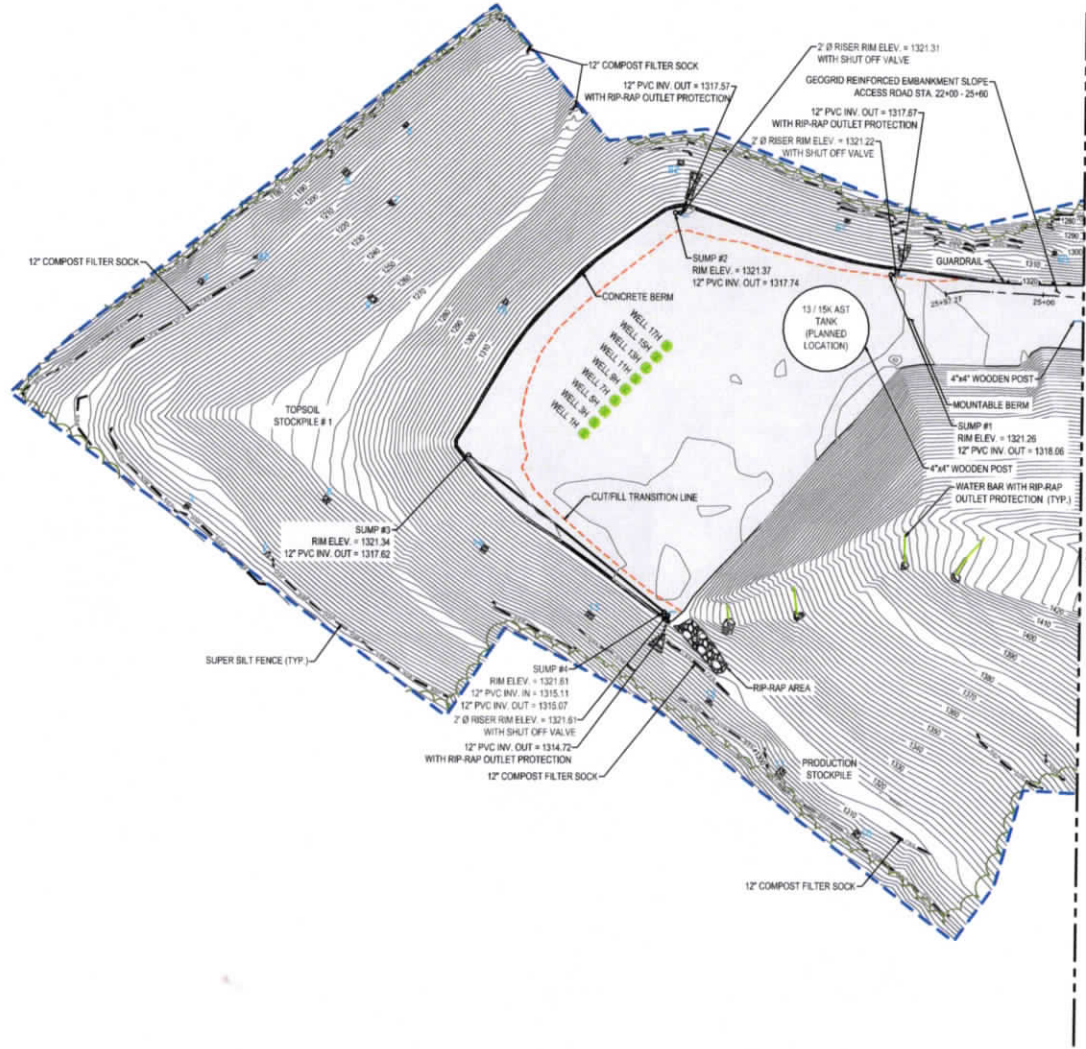
PS For: Auctions

0117 0282 4675 74
PA 15317
STATE COLLEGE, PA
Postmark Here
11/27/2024

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APPROVED
WVDEP OOG
 Modification
 1/22/2025

DRAIN #	NORTHING	EASTING	INV. OUT	SIZE/TYPE
1	371003.38	1691298.68	1310.86	6" CPP
2	370252.04	1690620.67	1227.20	6" CPP
3	370253.12	1690526.32	1221.35	6" CPP
4	370450.42	1690425.74	1199.31	6" CPP
5	370617.52	1690496.77	1202.23	6" CPP
6	370687.77	1690522.44	1202.71	6" CPP
7	370613.93	1690549.17	1228.23	6" CPP
8	370327.41	1690643.90	1267.09	6" CPP
9	370521.48	1690583.48	1259.76	6" CPP
10	370307.95	1691267.92	1305.94	6" CPP
11	370324.41	1691171.47	1307.06	6" CPP
12	370346.37	1691073.60	1305.44	6" CPP
13	370360.78	1690926.67	1300.58	6" CPP
14	370366.35	1690802.70	1298.83	6" CPP
15	370585.62	1690697.21	1305.87	6" CPP
61	370827.54	1690946.63	1303.34	6" CPP
62	370793.07	1690774.90	1303.40	6" CPP
63	370903.98	1691141.33	1302.93	6" CPP



NOTES

- 1) SURVEY DATA REFERENCE TO WV-SPC NORTH ZONE HORIZONTAL (NAD 83-2011) VERTICAL (IGDD 18)
- 2) TOPOGRAPHIC DATA - FIELD SURVEY DERIVED - 3-FT CONTOUR INTERVAL
- 3) WATER LINE, GAS LINE AND UNDERDRAIN LINE AS-BUILT LOCATIONS PROVIDED BY OTHERS
- 4) AS-BUILT CONDITIONS SHOWN HEREON LIMITED TO ABOVE GROUND FEATURES LOCATED WITHIN THE PERMITTED LOD
- 5) AS-BUILT PLAN BASED ON FIELD SURVEY BY DIEFFENBAUGH & HRITZ, LLC ON APRIL 28, 2023

LEGEND

- PERMITTED LIMITS OF DISTURBANCE
- MAJOR CONTOUR
- MINOR CONTOUR
- ROADWAY
- CUTFILL TRANSITION LINE
- OVERHEAD ELECTRIC
- WATER LINE (BY OTHERS)
- GAS LINE (BY OTHERS)
- UNDERDRAIN LINE (BY OTHERS)
- GUARD RAIL
- SUPER SILT FENCE
- COMPOST FILTER SOCK
- DITCH FLOW LINE
- WATER BAR
- TREE LINE
- POWER POLE
- UNDER DRAIN INVERT WITH RIP-RAP
- UNDER DRAIN INVERT
- PROPOSED GAS WELL
- SHUT OFF VALVE
- WATER TEST STATION
- WATER LINE MARKER
- TRENCH DRAIN
- CONCRETE BERM
- RIP-RAP
- ASPHALT PAVING
- PAV/ACCESS ROAD



5 of 6
 ENLARGED PLAN VIEW
 TESLA WELL SITE
 GRANIT MARION COUNTY, WEST VIRGINIA
 WETZEL & MARION DRIVE
 CANONSBURG, PA 15317
 EOT PRODUCTION COMPANY
 400 WOODCLIFF DRIVE
 CANONSBURG, PA 15317
 DIEFFENBAUGH & HRITZ, LLC
 1400 WOODCLIFF DRIVE
 MORGANTHAU, WV 26601-2001
 P. 304.866.5555 F. 304.866.5557
 24070-019
 NOV. 2024
 SAC APPROVED
 BKR CHECKED
 JHL DRAWN



December 13, 2024

Via FedEx Overnight Delivery

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

RE: Well Work Permit Application Modification
Tesla 13H
Permit Number 47-103-03666
Grant District, Wetzel County, WV

WVDEP Recipient,

Attached please find the Well Work Permit Modification Application for the well referenced above. You will find the following included with this submittal:

- Check in the amount \$2,500.00 for the permit modification fee
- Completed WW-6B and supporting documents, approved by the O&G Inspector
- Well Location Plat
- Completed Form WW-6A1 and supporting documentation
- Proof of notification to the surface owners to add the proposed above ground storage tank
- Hydraulic Fracturing Monitoring Plan
- Offset Well Map and Table
- CD including the Water Management Plan Modification Application and Site Plan showing the location of the proposed above ground storage tank.

EQT is proposing to extend the lateral from the previously permitted length and add an above ground storage tank to the site.

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
Regional Manager - Permitting
jzavatchan@eqt.com
412-584-3132

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