



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

Friday, April 15, 2022
WELL WORK PLUGGING PERMIT
Horizontal 6A Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700
PITTSBURGH, PA 15222

Re: Permit approval for WEU4H11
47-095-02509-00-00

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

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: WEU4H11
Farm Name: DONNA J. PETER
U.S. WELL NUMBER: 47-095-02509-00-00
Horizontal 6A Plugging
Date Issued: 4/15/2022

Promoting a healthy environment.

04/15/2022

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production _____ or Underground storage _____) Deep _____ / Shallow X
- 5) Location: Elevation 1079' Watershed Tributary of Camp Mistake Run
District Centerville County Tyler Quadrangle West Union 7.5'
- 6) Well Operator EQT Production Company 7) Designated Agent Joseph C. Mallow
Address 400 Woodcliff Drive Address 115 Professional Place
Canonsburg PA 15317 Bridgeport WV 26330
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Douglas Newlon Name R&J
Address Douglas.C.Newlon@wv.gov Address 1087 Raccoon Rd
(304) 932-8049 Hueysville, KY 41640

10) Work Order: The work order for the manner of plugging this well is as follows:
See Attachment for details and procedures.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Douglas Newlon Date 2/8/2022

04/15/2022

4709502509P

Weu4 11H
Tyler Co., WV
HZ Marcellus well
API # 47-095-02509
BY: Tyler Mizgorski
DATE: 10/13/2021

CURRENT STATUS:

Elevation @ 1092'
26" conductor @ 53' Cemented to Surface
13 3/8" casing @ 748' Cemented to Surface
9 5/8" casing @ 2,869' Cemented to Surface
No production casing set.
Pilot hole drilled to 5500' *5388' from SURVEY JAW*

Fresh water @ 1-214'
Coal Show @ 240', 291', 706'
Salt Water @ 1138', 1229', 1232'
Gas Storage Zone @ 2002'-2024'
Gas Show @ 2110'

- 1) Notify Inspector **Derrick Haught 304-206-7613** prior to beginning operations.
- 2) Check and record pressure on all casings, notify Engineer of recorded pressures.
- 3) Install 10k wireline BOP. Test BOP's and stack to regs. P/U install 10k lubricator. (Call 8hrs before, will need crane truck)
- 4) Equalize lubricator, if necessary and RIH w/ wireline to check TD @5500' IF TD at or near 5500' proceed to step 5. If unable to get to TD, EQT office will call DEP to discuss options.
- 5) Hook up pump truck and pressure test lines to 8000 psi. (Call pump truck 8hrs before)
- 6) POOH w/ wireline and load well with 6% gel
- 7) RIH with tubing to 5500' set 500' C1A plug 5500' to 5000' POOH 300' Reverse circulate full hole volume TOOH 300'
- 8) Let Cement dry for 8 Hours
- 9) RIH and tag cement at 5000' if top of cement is at or close to 5000' POOH to 3500' and set 100' C1A plug 3500' to 3400' POOH 300' and reverse circulate full hole volume. POOH 300' (safety plug)
- 10) Let Cement dry for 8 hours
- 11) RIH and tag cement at 3400' if at depth or close POOH to 2,969' and set 200' C1A cement plug from 2969' to 2760' POOH 300' and reverse circulate full hole volume. POOH 300' (9 5/8" casing seat)
- 12) Let Cement dry for 8 hours
- 13) RIH and tag cement at 2760' if at depth or close POOH to 2,200' and set 300' C1A cement plug from 2200' to 1900' POOH 300' and reverse circulate full hole volume. POOH 300' (Gas Show)
- 14) Let Cement dry for 8 hours
- 15) RIH and tag cement at 1900' if at depth or close POOH to 1,100' and set 450' C1A cement plug from 1100' to 650' POOH 300' and reverse circulate full hole volume. POOH (Elevation, Coal, 13 3/8" casing seat)
- 16) Let Cement dry for 8 hours
- 17) RIH and tag cement at 650' if at depth or close POOH to 350' and set 350' C1A cement plug from 300' to surface (Coal, Freshwater, and surface plug)
- 18) Set Monument above ground to WV-DEP Specifications

04/15/2022

WR-35
Rev. 8/23/13

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-095-02509 County Tyler District Centerville
Quad West Union Pad Name WEU4 Field/Pool Name N/A
Farm name Donna J Peter Well Number WEU4H11 (516538)
Operator (as registered with the OOG) EQT Production Company
Address 400 Woodcliff Drive City CANONSBURG State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,357,501.11 Easting 515,439.63
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing 4,357,509.03 Easting 515,465.08

Elevation (ft) 1079' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)

Date permit issued 8/3/2018 Date drilling commenced 8/14/2018 Date drilling ceased 8/21/2018
Date completion activities began _____ Date completion activities ceased _____
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 132, 175, 186, 204 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1128, 1219, 1222 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 232, 285, 700 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

04/15/2022

WR-35
Rev. 8/23/13

API 47-095 - 02509 Farm name Donna J Peter Well number WEU4H11 (516538)

| CASING STRINGS | Hole Size | Casing Size | Depth | New or Used | Grade wt/ft | Basket Depth(s) | Did cement circulate (Y/N) * Provide details below* |
|---------------------------|-----------------|-------------|-------|-------------|-------------|-----------------|--|
| Conductor | 30" | 26" | 53' | NEW | A-500 85.6# | N/A | Y |
| Surface | 17-1/2" | 13-3/8" | 748' | NEW | J-55 54.5# | 655' | Y |
| Coal | | | | | | | |
| Intermediate 1 | 12-3/8" | 9-5/8" | 2869' | NEW | A-500 40# | N/A | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8-3/4" & 8-1/2" | 5 1/2" | | NEW | P-110 20# | N/A | |
| Tubing | | | | | | | |
| Packer type and depth set | | | | | | | |

Comment Details _____

| CEMENT DATA | Class/Type of Cement | Number of Sacks | Slurry wt (ppg) | Yield (ft ³ /sks) | Volume (ft ³) | Cement Top (MD) | WOC (hrs) |
|----------------|----------------------|-----------------|-----------------|------------------------------|---------------------------|-----------------|-----------|
| Conductor | CLASS A | 100 | 15.6 | 1.18 | 118 | 0 | 8+ |
| Surface | CLASS A | 725 | 16 | 1.13 | 819 | 0 | 8 |
| Coal | | | | | | | |
| Intermediate 1 | CLASS H | 1085 | 16.4 | 1.07 | 1161 | 0 | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | | | | | | | |
| Tubing | | | | | | | |

Drillers TD (ft) 5388' MD Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 3082' MD

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING CONDUCTOR: NONE

SURFACE: on shoe joint and less than every 150' and within 100' from surface.
 INTERMEDIATE: On shoe joint and less than every 150' and within 100' from surface.

PRODUCTION:

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

WR-35
Rev. 8/23/13

API 47- 095 - 02509 Farm name Donna J Peter Well number WEU4H11 (516538)

PERFORATION RECORD

| Stage No | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|----------|------------------|------------------------|----------------------|------------------------|--------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

| Stage No | Stimulations Date | Ave Pump Rate (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/other (units) |
|----------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Please insert additional pages as applicable.

WR-35 Rev. 8/23/13

API 47- 095 - 02509 Farm name Donna J Peter Well number WEU4H11 (516538)

| PRODUCING FORMATION(S) | DEPTH(S) | |
|------------------------|----------|-------|
| | TVD | MD |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd GAS MEASURED BY Estimated Orifice Pilot

| LITHOLOGY/ FORMATION | TOP | BOTTOM | TOP | BOTTOM | DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC) |
|-------------------------|-------------------------|--------------------|-------------------|-------------------|--|
| | DEPTH IN FT NAME TVD | DEPTH IN FT TVD | DEPTH IN FT MD | DEPTH IN FT MD | |
| | 0 | | 0 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Please insert additional pages as applicable.

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company _____
Address _____ City _____ State _____ Zip _____

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Derek Ridgway Telephone (304) 932-8049
 Signature *Derek Ridgway* 1/31/2022 Title Managing Director of Drilling Date 01/31/2022

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

WR-35
Rev. 8/23/13

API 47- 095 - 02509 Farm name Donna J Peter Well number WEU4H11 (516538)

Drilling Contractor Falcon Drilling Company LLC
Address P.1120 Rt 119 Hwy North City Indiana State PA Zip 15701

Logging Company Gyrodatta Inc.
Address 73 Noblestown Road City Carnegie State PA Zip 15106

Logging Company Scientific Drilling International
Address 124 Vista Drive City Charleroi State PA Zip 15022

Cementing Company Universal
Address 13549 S. Mosiertown Rd City Meadville State PA Zip 16335

| Well # WEU4 11H Final Formations API# 47-095-02509 | | | | |
|--|---------------------|------------------------|---------------------|------------------------|
| Formation Name | Drill Top MD (ftKB) | Drill Top (TVD) (ftKB) | Drill Btm MD (ftKB) | Drill Btm (TVD) (ftKB) |
| Sand/Shale | 1 | 1 | 230 | 230 |
| Coal | 230 | 230 | 232 | 232 |
| Sand/Shale | 232 | 232 | 281 | 281 |
| Coal | 281 | 281 | 285 | 285 |
| Sand/Shale | 285 | 285 | 696 | 696 |
| Coal | 696 | 696 | 700 | 723 |
| Sand/Shale | 700 | 723 | 1,838 | 1,838 |
| Maxton | 1,838 | 1,838 | 2,037 | 2,037 |
| Sand/Shale | 2,037 | 2,037 | 2,111 | 2,111 |
| Big Lime | 2,111 | 2,111 | 2,395 | 2,395 |
| Sand/Shale | 2,395 | 2,395 | 2,403 | 2,403 |
| Weir | 2,403 | 2,403 | 2,450 | 2,450 |
| Sand/Shale | 2,450 | 2,450 | 2,490 | 2,490 |
| Gantz | 2,490 | 2,490 | 2,507 | 2,507 |
| Sand/Shale | 2,507 | 2,507 | 2,604 | 2,604 |
| Fifty foot | 2,604 | 2,604 | 2,659 | 2,659 |
| Sand/Shale | 2,659 | 2,659 | 2,690 | 2,690 |
| Thirty foot | 2,690 | 2,690 | 2,744 | 2,744 |
| Sand/Shale | 2,744 | 2,744 | 2,770 | 2,770 |
| Gordon | 2,770 | 2,770 | 2,815 | 2,815 |
| Sand/Shale | 2,815 | 2,815 | 2,841 | 2,841 |
| Forth Sand | 2,841 | 2,841 | 2,903 | 2,903 |
| Sand/Shale | 2,903 | 2,903 | 2,954 | 2,954 |
| Fifth Sand | 2,954 | 2,954 | 2,967 | 2,967 |
| Sand/Shale | 2,967 | 2,967 | 3,011 | 3,011 |
| Bayard | 3,011 | 3,011 | 3,148 | 3,148 |
| Sand/Shale | 3,148 | 3,148 | 3,374 | 3,374 |
| Warren | 3,374 | 3,374 | 3,440 | 3,440 |
| Sand/Shale | 3,440 | 3,440 | 3,460 | 3,460 |
| Speechley | 3,460 | 3,460 | 3,574 | 3,574 |
| Sand/Shale | 3,574 | 3,574 | 3,976 | 3,976 |
| Balltown A | 3,976 | 3,976 | 4,088 | 4,088 |
| Sand/Shale | 4,088 | 4,088 | 4,574 | 4,574 |
| Riley | 4,574 | 4,574 | 4,864 | 4,864 |
| Sand/Shale | 4,864 | 4,864 | 4,995 | 4,995 |
| Benson | 4,995 | 4,995 | 5,058 | 5,058 |
| Sand/Shale | 5,058 | 5,058 | 5,242 | 5,242 |
| Alexander | 5,242 | 5,242 | 5,324 | 5,345 |
| Elks | 5,324 | 5,345 | 5,388 | 5,386 |

4709502509



EQT PRODUCTION

Tyler County, WV

WEU4

WEU4H11 (516538) -MRC - Slot 516538

Main

Design: 516538 As Drilled

Standard Survey Report

24 January, 2022

04/15/2022



EQT
Survey Report

| | |
|-----------------------------------|--|
| Database: EQM - Mainline | Local Co-ordinate Reference: West Virginia State Plane MRC - DMA 518025 |
| Company: EQT PRODUCTION | TVD Reference: Mean Sea Level |
| Project: Tyler County, WV | MD Reference: NAD 1927 (NADCON CONUS) |
| Site: WEG4 | North Reference: Grid |
| Well: WEAH11 DR 16030' MRC | Survey Calculation Method: Maximum Curvature |
| Wellbore: Main | |
| Design: E18035 M L1100 | |

| | |
|---|-------------------------------------|
| Project: Tyler County, WV | |
| Map System: US State Plane 1927 (Exact solution) | System Datum: Mean Sea Level |
| Geo Datum: NAD 1927 (NADCON CONUS) | |
| Map Zone: West Virginia North 4701 | |

| |
|--|
| Site: WEG4 |
| Site Position: Northing: 318,364.31 usft Latitude: 39.37 |
| From: Map Easting: 1,626,574.86 usft Longitude: -80.82 |
| Position Uncertainty: 0.0 usft Slot Radius: 13-3/16 " Grid Convergence: -0.84 ° |

| |
|---|
| Well: WEAH11 DR 16030' MRC - 518025 |
| Well Position: +N-S 0.0 usft Northing: 318,434.29 usft Latitude: 39° 22' 0.308 N |
| +E-W 0.0 usft Easting: 1,626,547.90 usft Longitude: 80° 49' 15.363 W |
| Position Uncertainty: 0.0 usft Wellhead Elevation: usft Ground Level: 1,079.0 usft |

| |
|--|
| Wellbore: Main |
| Magnetics: Model Name Sample Date Declination (°) Dip Angle (°) Field Strength (nT) |
| IGRF2015 8/26/2015 -8.46 66.79 52,183.45851545 |

| |
|--|
| Design: E18035 M L1100 |
| Audit Notes: |
| Version: 1.0 Phase: ACTUAL Tie On Depth: 0.0 |
| Vertical Section: Depth From (TVD) (usft) +N-S (usft) +E-W (usft) Direction (°) |
| 0.0 0.0 0.0 73.67 |

| |
|---|
| Survey Program: Date 1/24/2022 |
| From ('): To (usft): Survey (Wellbore): Tool Name: Description: |
| 0.00 5,388.0 Gyrodata Gyro (Main) GYD_CT+WIR+HA_DI Gyrodata Continuous Tool including GyroCompass adj |

| |
|--|
| Survey: |
| Measured Depth (usft): Inclination (°): Azimuth (°): Vertical Depth (usft): Subsea Depth (usft): +N-S (usft): +E-W (usft): Vertical Section (usft): Dogleg Rate (°/100usft): Build Rate (°/100usft): Turn Rate (°/100usft): |
| 0.0 0.00 0.00 0.0 -1,092.0 0.0 0.0 0.0 0.00 0.00 0.00 |
| 100.0 0.46 302.45 100.0 -992.0 0.2 -0.3 -0.3 0.46 0.46 0.00 |
| 200.0 0.40 305.72 200.0 -892.0 0.6 -1.0 -0.7 0.06 -0.06 3.27 |
| 300.0 0.15 87.14 300.0 -792.0 0.8 -1.1 -0.8 0.53 -0.25 141.42 |
| 400.0 0.11 205.44 400.0 -692.0 0.8 -1.0 -0.8 0.22 -0.04 118.30 |
| 500.0 0.11 272.82 500.0 -592.0 0.7 -1.2 -0.9 0.12 0.00 67.38 |
| 600.0 0.08 76.54 600.0 -492.0 0.7 -1.2 -0.9 0.19 -0.03 163.72 |
| 700.0 0.31 91.49 700.0 -392.0 0.7 -0.9 -0.6 0.23 0.23 14.95 |
| 800.0 1.09 91.84 800.0 -292.0 0.7 0.4 0.5 0.78 0.78 0.35 |



EQT
Survey Report

| | | | |
|-----------|------------------|------------------------------|---------------------|
| Database: | EDM Database | Local Co-ordinate Reference: | Well: WEL0100000000 |
| Company: | EQT PRODUCTION | TVD Reference: | WEL0100000000 |
| Project: | Tyler County, WV | MD Reference: | WEL0100000000 |
| Site: | WEL01 | North Reference: | WEL0100000000 |
| Well: | WEL0100000000 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Main | | |
| Design: | 01/20/2018 | | |

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | Subsea Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|---------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 900.0 | 1.21 | 91.22 | 900.0 | -192.0 | 0.6 | 2.4 | 2.5 | 0.12 | 0.12 | -0.62 |
| 1,000.0 | 1.55 | 80.98 | 999.9 | -92.1 | 0.8 | 4.8 | 4.8 | 0.42 | 0.34 | -10.24 |
| 1,100.0 | 1.79 | 76.11 | 1,099.9 | 7.9 | 1.4 | 7.6 | 7.7 | 0.28 | 0.24 | -4.87 |
| 1,200.0 | 2.09 | 66.40 | 1,199.8 | 107.8 | 2.5 | 10.8 | 11.1 | 0.44 | 0.30 | -9.71 |
| 1,300.0 | 2.28 | 62.06 | 1,299.8 | 207.8 | 4.2 | 14.2 | 14.8 | 0.25 | 0.19 | -4.34 |
| 1,400.0 | 2.35 | 62.11 | 1,399.7 | 307.7 | 6.1 | 17.8 | 18.8 | 0.07 | 0.07 | 0.05 |
| 1,500.0 | 2.55 | 62.26 | 1,499.6 | 407.6 | 8.1 | 21.6 | 23.0 | 0.20 | 0.20 | 0.15 |
| 1,600.0 | 2.97 | 63.07 | 1,599.5 | 507.5 | 10.3 | 25.9 | 27.7 | 0.42 | 0.42 | 0.81 |
| 1,700.0 | 3.33 | 65.53 | 1,699.3 | 607.3 | 12.6 | 30.8 | 33.1 | 0.38 | 0.36 | 2.46 |
| 1,800.0 | 3.47 | 64.94 | 1,799.1 | 707.1 | 15.1 | 36.2 | 39.0 | 0.14 | 0.14 | -0.59 |
| 1,900.0 | 3.57 | 65.31 | 1,899.0 | 807.0 | 17.7 | 41.8 | 45.1 | 0.10 | 0.10 | 0.37 |
| 2,000.0 | 3.43 | 68.19 | 1,998.8 | 906.8 | 20.1 | 47.4 | 51.1 | 0.22 | -0.14 | 2.88 |
| 2,100.0 | 3.42 | 68.98 | 2,098.6 | 1,006.6 | 22.3 | 52.9 | 57.1 | 0.05 | -0.01 | 0.79 |
| 2,200.0 | 3.13 | 69.73 | 2,198.4 | 1,106.4 | 24.3 | 58.3 | 62.8 | 0.29 | -0.29 | 0.75 |
| 2,300.0 | 2.85 | 70.60 | 2,298.3 | 1,206.3 | 26.1 | 63.2 | 68.0 | 0.28 | -0.26 | 0.67 |
| 2,400.0 | 2.67 | 70.39 | 2,398.2 | 1,306.2 | 27.7 | 67.7 | 72.8 | 0.18 | -0.18 | -0.21 |
| 2,500.0 | 2.50 | 72.89 | 2,498.1 | 1,406.1 | 29.1 | 72.0 | 77.3 | 0.20 | -0.17 | 2.50 |
| 2,600.0 | 2.25 | 75.33 | 2,598.0 | 1,506.0 | 30.3 | 76.0 | 81.4 | 0.27 | -0.25 | 2.44 |
| 2,700.0 | 2.20 | 76.71 | 2,697.9 | 1,605.9 | 31.2 | 79.8 | 85.3 | 0.07 | -0.05 | 1.38 |
| 2,800.0 | 1.92 | 76.11 | 2,797.9 | 1,705.9 | 32.0 | 83.3 | 88.9 | 0.28 | -0.28 | -0.60 |
| 2,900.0 | 1.68 | 77.15 | 2,897.8 | 1,805.8 | 32.8 | 86.3 | 92.0 | 0.24 | -0.24 | 1.04 |
| 3,000.0 | 0.95 | 81.69 | 2,997.8 | 1,905.8 | 33.2 | 88.6 | 94.3 | 0.74 | -0.73 | 4.54 |
| 3,100.0 | 0.52 | 83.56 | 3,097.8 | 2,005.8 | 33.4 | 89.8 | 95.6 | 0.43 | -0.43 | 1.87 |
| 3,200.0 | 0.50 | 93.79 | 3,197.8 | 2,105.8 | 33.4 | 90.7 | 96.4 | 0.09 | -0.02 | 10.23 |
| 3,300.0 | 0.35 | 102.40 | 3,297.8 | 2,205.8 | 33.3 | 91.4 | 97.1 | 0.16 | -0.15 | 8.61 |
| 3,400.0 | 0.35 | 99.38 | 3,397.8 | 2,305.8 | 33.2 | 92.0 | 97.7 | 0.02 | 0.00 | -3.02 |
| 3,500.0 | 0.24 | 115.45 | 3,497.8 | 2,405.8 | 33.1 | 92.5 | 98.1 | 0.14 | -0.11 | 16.07 |
| 3,600.0 | 0.16 | 135.30 | 3,597.8 | 2,505.8 | 32.9 | 92.8 | 98.3 | 0.10 | -0.08 | 19.85 |
| 3,700.0 | 0.10 | 139.47 | 3,697.8 | 2,605.8 | 32.7 | 93.0 | 98.4 | 0.06 | -0.06 | 4.17 |
| 3,800.0 | 0.14 | 157.95 | 3,797.8 | 2,705.8 | 32.5 | 93.1 | 98.5 | 0.06 | 0.04 | 18.48 |
| 3,900.0 | 0.10 | 164.94 | 3,897.8 | 2,805.8 | 32.3 | 93.2 | 98.5 | 0.04 | -0.04 | 6.99 |
| 4,000.0 | 0.45 | 174.80 | 3,997.8 | 2,905.8 | 31.8 | 93.2 | 98.4 | 0.35 | 0.35 | 9.86 |
| 4,100.0 | 0.59 | 174.96 | 4,097.7 | 3,005.7 | 30.9 | 93.3 | 98.2 | 0.14 | 0.14 | 0.16 |
| 4,200.0 | 0.60 | 179.29 | 4,197.7 | 3,105.7 | 29.9 | 93.3 | 98.0 | 0.05 | 0.01 | 4.33 |
| 4,300.0 | 0.52 | 175.54 | 4,297.7 | 3,205.7 | 28.9 | 93.4 | 97.8 | 0.09 | -0.08 | -3.75 |
| 4,400.0 | 0.50 | 179.46 | 4,397.7 | 3,305.7 | 28.0 | 93.4 | 97.5 | 0.04 | -0.02 | 3.92 |
| 4,500.0 | 0.58 | 188.45 | 4,497.7 | 3,405.7 | 27.1 | 93.4 | 97.2 | 0.12 | 0.08 | 8.99 |
| 4,600.0 | 0.45 | 198.02 | 4,597.7 | 3,505.7 | 26.2 | 93.2 | 96.8 | 0.16 | -0.13 | 9.57 |
| 4,700.0 | 0.33 | 213.72 | 4,697.7 | 3,605.7 | 25.6 | 92.9 | 96.3 | 0.16 | -0.12 | 15.70 |
| 4,800.0 | 0.37 | 212.47 | 4,797.7 | 3,705.7 | 25.1 | 92.5 | 95.9 | 0.04 | 0.04 | -1.25 |
| 4,900.0 | 0.45 | 213.87 | 4,897.7 | 3,805.7 | 24.5 | 92.2 | 95.3 | 0.08 | 0.08 | 1.40 |
| 5,000.0 | 0.52 | 241.20 | 4,997.7 | 3,905.7 | 24.0 | 91.5 | 94.6 | 0.24 | 0.07 | 27.33 |



EQT
Survey Report

4709502509

| | | | |
|-----------|-----------------------|------------------------------|---|
| Database: | EDM_Derivative | Local Co-ordinate Reference: | Well W/EAU4H11 (516026) -MRC - Dat 516026 |
| Company: | EQT PRODUCTION | TVD Reference: | KB @ 13' @ 1002' Depth |
| Project: | Fyler County, WV | MD Reference: | 53522' @ 1002' Depth |
| Site: | WEU4 | North Reference: | Grid |
| Well: | WEU4H11 (516536) -MRC | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Main | | |
| Design: | 51855H Re Drilled | | |

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | Subsea Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|--|-----------------|-------------|-----------------------|---------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 5,100.0 | 0.84 | 266.48 | 5,097.7 | 4,005.7 | 23.7 | 90.4 | 93.4 | 0.43 | 0.32 | 25.28 |
| 5,200.0 | 1.16 | 269.64 | 5,197.7 | 4,105.7 | 23.6 | 88.7 | 91.7 | 0.32 | 0.32 | 3.16 |
| 5,300.0 | 1.53 | 282.93 | 5,297.7 | 4,205.7 | 23.9 | 86.3 | 89.6 | 0.48 | 0.37 | 13.29 |
| @300.0' Consol = 3.49H HENRY & WILLIAM Assumed | | | | | | | | | | |
| 5,308.8 | 1.57 | 284.11 | 5,306.5 | 4,214.5 | 24.0 | 86.1 | 89.4 | 0.55 | 0.41 | 13.31 |
| Final Gyro Survey=5324' MD/ 5322' TVD | | | | | | | | | | |
| 5,324.0 | 1.63 | 286.00 | 5,321.7 | 4,229.7 | 24.1 | 85.7 | 89.0 | 0.55 | 0.42 | 12.49 |
| Projection to TD=5388' MD/ 5388' TVD - WEU4H11 LP2 rd - WEU4H11 TO2 rd - WEU4H11 L3 rd | | | | | | | | | | |
| 5,388.0 | 1.63 | 286.00 | 5,385.6 | 4,293.6 | 24.6 | 84.0 | 87.5 | 0.00 | 0.00 | 0.00 |

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 5,324.0 | 5,321.7 | 24.1 | 85.7 | Final Gyro Survey=5324' MD/ 5322' TVD |
| 5,388.0 | 5,385.6 | 24.6 | 84.0 | Projection to TD=5388' MD/ 5388' TVD |

Checked By: _____ Approved By: _____ Date: _____

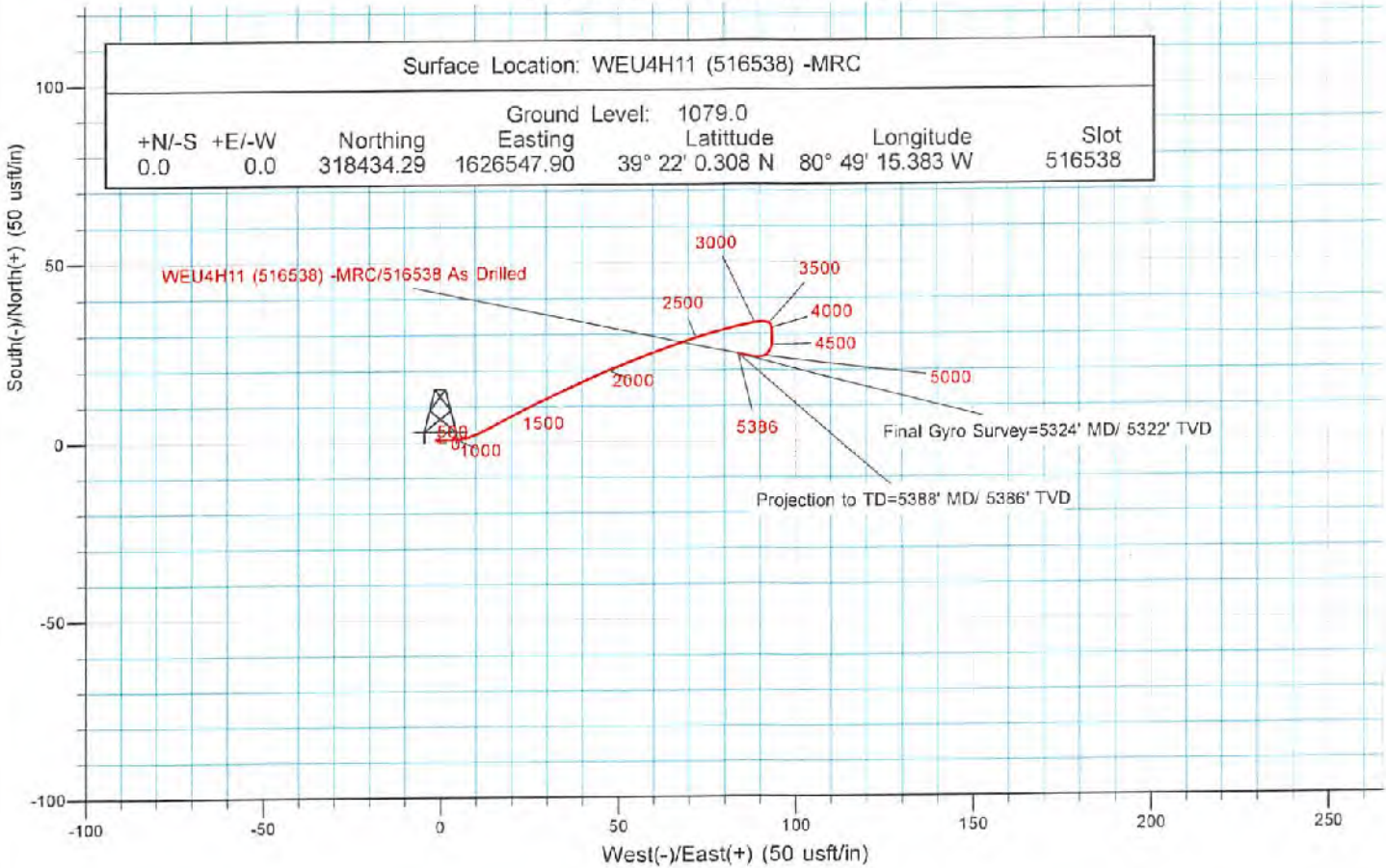
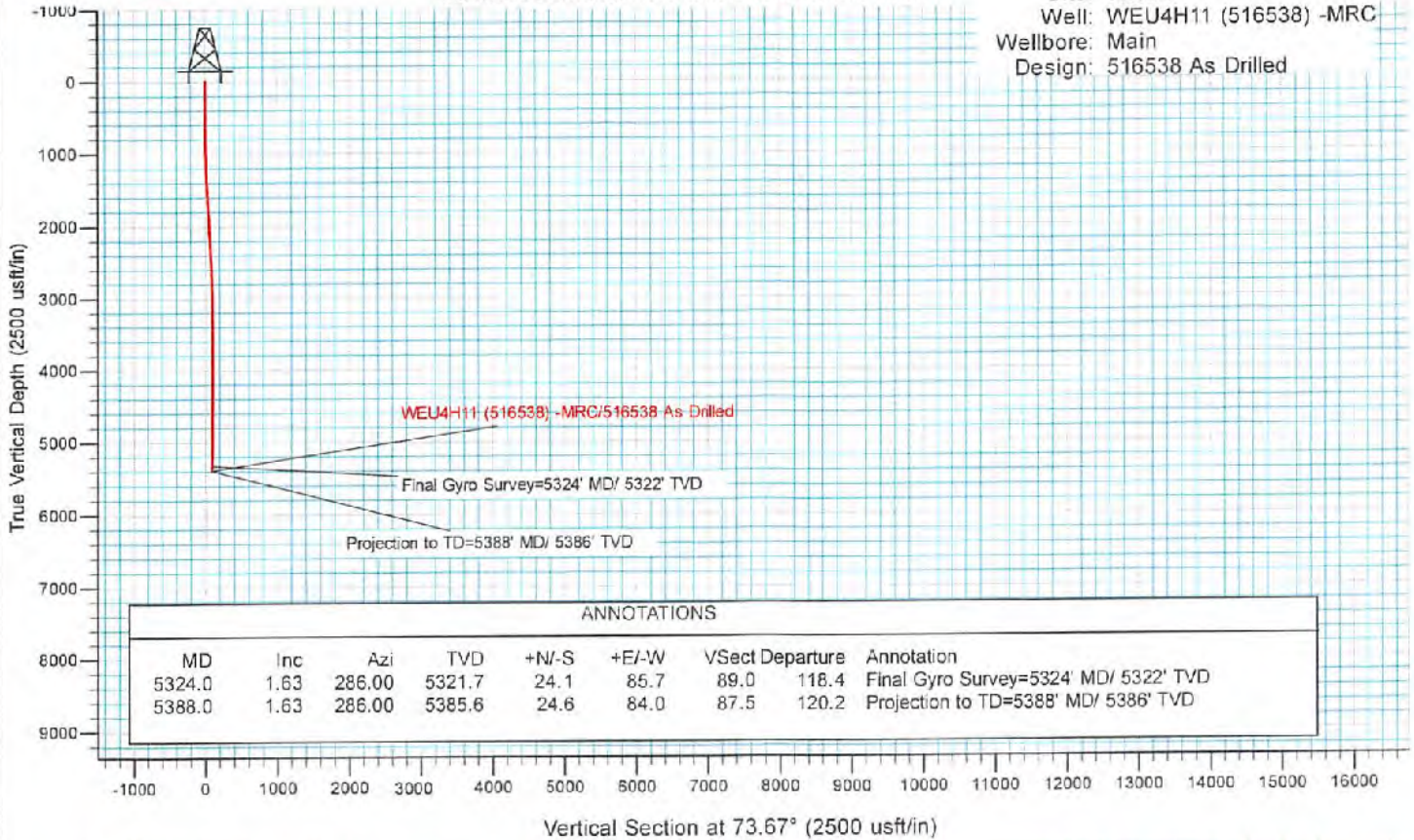


EQT PRODUCTION

4709502509

KB Elevation= KB @13' @ 1092.0usft
 Ground Elevation= 1079.0
 All measurements were taken from KB Elevation

Project: Tyler County, WV
 Site: WEU4
 Well: WEU4H11 (516538) -MRC
 Wellbore: Main
 Design: 516538 As Drilled



4709502509 P

WW-1A
Revised 6-07

1) Date: February 7, 2022
2) Operator's Well Number
WEU4H11
3) API Well No.: 17 - 095 - 02509

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

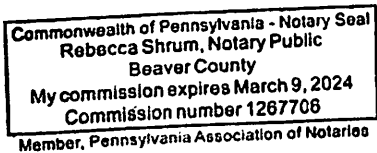
| | |
|--|------------------------------------|
| 4) Surface Owner(s) to be served: | 5) (a) Coal Operator |
| (a) Name <u>See Attached</u> | Name _____ |
| Address _____ | Address _____ |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>See Attached</u> |
| (c) Name _____ | Address _____ |
| Address _____ | Name _____ |
| 6) Inspector <u>Douglas Newlon</u> | (c) Coal Lessee with Declaration |
| Address <u>Douglas C Newlon@wv.gov</u> | Name _____ |
| Telephone <u>(304) 932-8049</u> | Address _____ |

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-1B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator EQT Production Company
 By: Ern Spine
 Its: Manager - Subsurface Permitting
 Address 400 Woodcliff Drive
Canonsburg PA 15317
 Telephone (724) 271-7380

Subscribed and sworn before me this 7th day of February 2022
Rebecca Shrum Notary Public
 My Commission Expires March 9, 2024

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

04/15/2022

WEU4 Pad WW-4A Attachment

Surface Owner:

Donna J Peters
733 RIDGE RD
ALMA WV 26320

Access Owners:

James B. & Brenda J Stoneking
28 HOMEWOOD DR
ELKINS, WV 26241

Diane L. and Glenn W. Morgan
590 Isner Creek Road
Elkins, WV 26241

Coal Owners:

Rosemary Brandon
3013 Delaware Ave
Kenner, LA 70065

4700502509

7019 1640 0000 6625 6041

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

| | |
|---|----------|
| Certified Mail Fee | \$ 3.75 |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 3.25 |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |
| Postage | \$ 9.25 |
| Total Postage and Fees | \$ 16.05 |

Sent To
DONNA J PETERS
733 RIDGE RD
ALMA WV 26320

Street and Apt. No.
City, State, ZIP+4®

PS Form 3800, April 2008

7019 1640 0000 6625 6058

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

| | |
|---|----------|
| Certified Mail Fee | \$ 3.75 |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 3.25 |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |
| Postage | \$ 8.70 |
| Total Postage and Fees | \$ 15.50 |

Sent To
JAMES B. & BRENDA J STONEKING
28 HOMEWOOD DR
ELKINS, WV 26241

Street and Apt. No.
City, State, ZIP+4®

PS Form 3800, April 2008

7019 1640 0000 6625 6065

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

| | |
|---|----------|
| Certified Mail Fee | \$ 3.75 |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 3.25 |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |
| Postage | \$ 8.70 |
| Total Postage and Fees | \$ 15.50 |

Sent To
DIANE L. AND GLENN W. MORGAN
590 ISNER CREEK ROAD
ELKINS, WV 26241

Street and Apt. No.
City, State, ZIP+4®

PS Form 3800, April 2008

7019 1640 0000 6625 6072

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

| | |
|---|----------|
| Certified Mail Fee | \$ 3.75 |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 3.25 |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |
| Postage | \$ 9.25 |
| Total Postage and Fees | \$ 16.05 |

Sent To
ROSEMARY BRANDON
3013 DELEWARE AVE
KENNER, LA 70065

Street and Apt. No.
City, State, ZIP+4®

PS Form 3800, April 2008

SURFACE OWNER WAIVER

4709502509P

Operator's Well
Number

WEU4H11

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

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

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

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

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

| | | |
|-----------|------------|------------------|
| _____ | Date _____ | Name _____ |
| Signature | | By _____ |
| | | Its _____ |
| | | _____ Date _____ |

Signature

Date
04/15/2022

WW-4B

4709502509P

API No. 47-095-02509

Farm Name WEU4

Well No. WEU4H11

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____ / owner ____ / lessee ____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

04/15/2022

WW-9
(5/16)

API Number 47 - 095 - 02509
Operator's Well No. WEU4111

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company OP Code 306685

Watershed (HUC 10) Tributary of Camp Mistake Run Quadrangle West Union 7 5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

*ANY WELL EFFLUENT WILL BE CONTAINED
IN TANKS AND DISPOSED OFF-SITE.*
gwm

If so, please describe anticipated pit waste:

Will a synthetic liner be used in the pit? Yes No If so, what ml? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: _____

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. _____

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]

Company Official (Typed Name) Erin Spire

Company Official Title Manager - Subsurface Permitting

Subscribed and sworn before me this 7th day of February, 2022

[Signature]

Notary Public

Commonwealth of Pennsylvania - Notary Seal
Rebecca Shrum, Notary Public
Beaver County
My commission expires March 9, 2024
Commission number 1267706

My commission expires March 9, 2024

Member, Pennsylvania Association of Notaries

| |
|--|
| EQT Production Water plan Offsite disposals |
|--|

Waste Management - Meadowfill Landfill

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

Waste Management - Northwestern Landfill

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

Proposed Revegetation Treatment: Acres Disturbed 1± Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type (10-20-20) or equivalent

Fertilizer amount 1/3 ton lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

| Temporary | | Permanent | |
|---------------|----------|---------------|----------|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| Red Fescue | 40 | Red Fescue | 15 |
| Aslike Clover | 5 | Aslike Clover | 5 |
| Annual Rye | 15 | | |

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

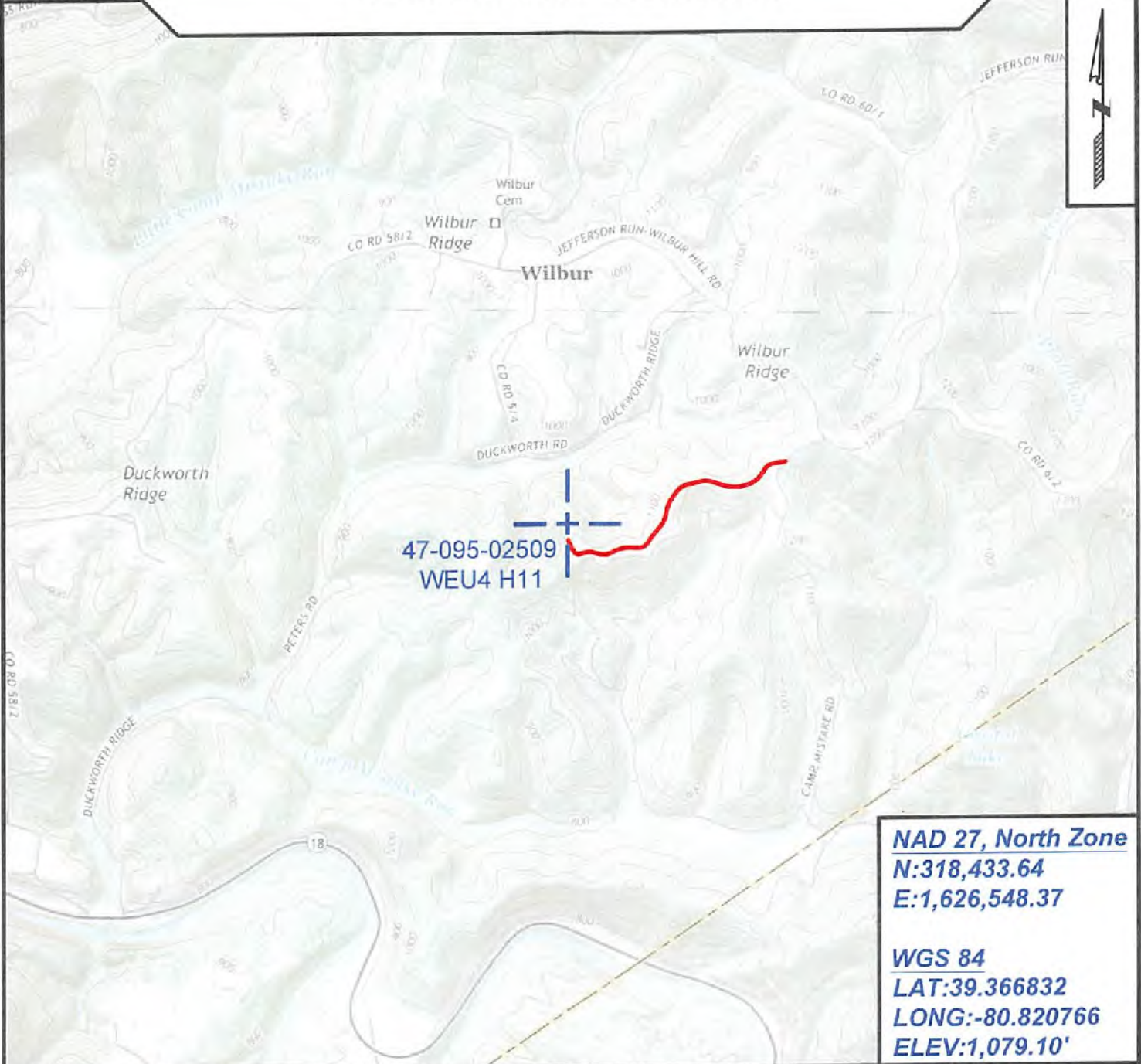
Title: _____ Date: _____

Field Reviewed? () Yes () No

Topo Quad: West Union 7.5' Scale: 1" = 2000'
 County: Tyler Date: November 08, 2021
 District: Centerville Project No: 69-54-00-08

47-095-02509 WEU4 H11

Topo



47-095-02509
WEU4 H11

NAD 27, North Zone
N:318,433.64
E:1,626,548.37

WGS 84
LAT:39.366832
LONG:-80.820766
ELEV:1,079.10'



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 400 Woodcliff Drive
 Canonsburg, PA 15317



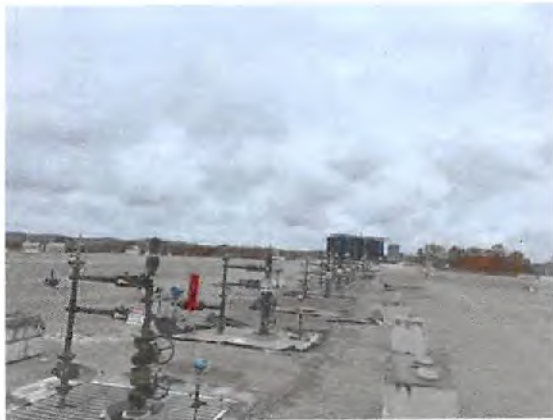
Site Pictures
WEU4 H11
WEU4 H11 47-095-02509



WEU4 Well Pad Site



WEU4 Well Pad Site



WEU4 Well Pad Site



WEU4 Well Pad Site

BIRCH RIVER OFFICE

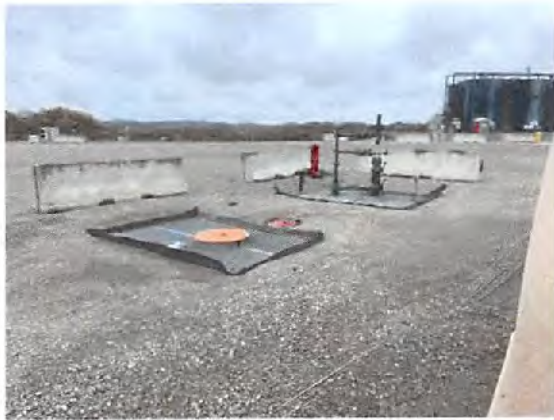
237 Birch River Road
Birch River, WV 26610
phone: 304-649-8606 fax: 304-649-8608

BRIDGEPORT OFFICE

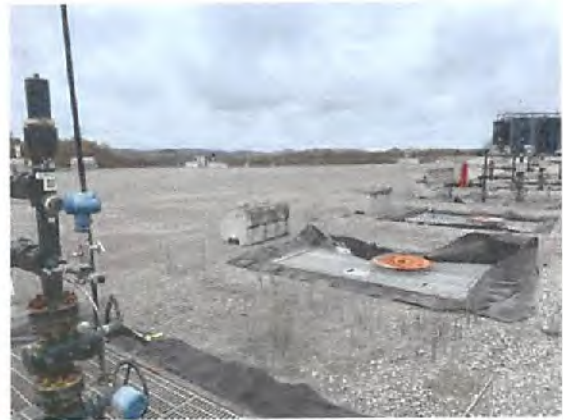
172 Thompson Drive
Bridgeport, WV 26330
phone: 304-848-5035 fax: 304-848-5037

CHARLESTON OFFICE

301 R.H. Boulevard - Suite 5
Charleston, WV 25309
phone: 304-756-2949 fax: 304-756-2948



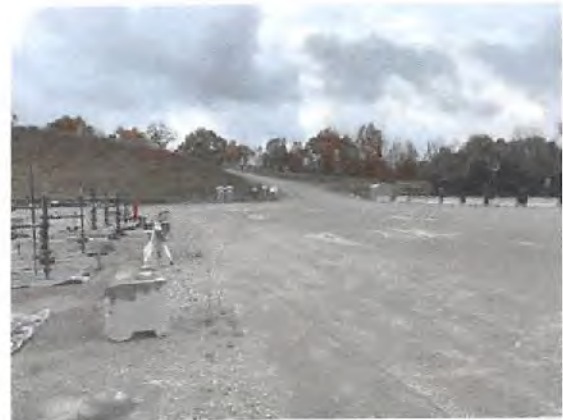
WEU4 Well Pad Site



WEU4 Well Pad Site



WEU4 Well Pad Site



WEU4 Well Pad Site



WEU4 Well Pad Site

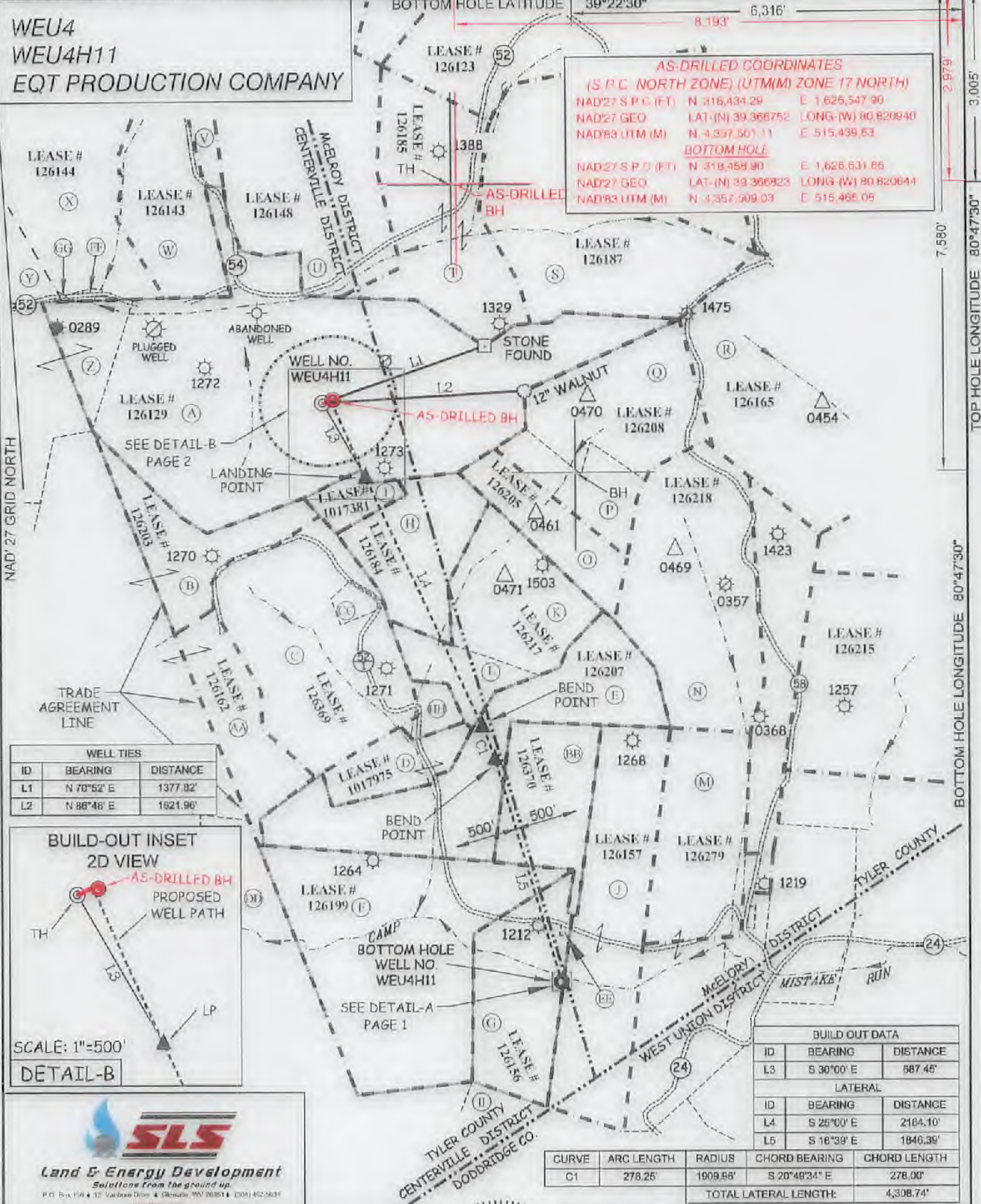


WEU4 Well Pad Site

**WEU4
WEU4H11
EQT PRODUCTION COMPANY**

BOTTOM HOLE LATITUDE 39°22'30"

| AS-DRILLED COORDINATES (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH) | | | |
|--|-------------------|--------------------|--|
| NAD27 S.P.C.(FT) | N 318,434.29 | E 1,626,547.90 | |
| NAD27 GEO | LAT-(N) 39.366752 | LONG-(W) 80.820940 | |
| NAD83 UTM (M) | N 4,357,501.11 | E 515,439.63 | |
| BOTTOM HOLE | | | |
| NAD27 S.P.C.(FT) | N 318,459.90 | E 1,626,631.86 | |
| NAD27 GEO | LAT-(N) 39.366823 | LONG-(W) 80.820044 | |
| NAD83 UTM (M) | N 4,357,509.03 | E 515,465.08 | |



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 849 *C. Victor Moyers*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

SCALE 1" = 1000'

DATE JANUARY 27, 2022

REVISED _____, 20__

OPERATORS WELL NO. WEU4H11

API WELL NO. 47-095-02509

STATE COUNTY PERMIT

| (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH) | | | |
|--|-------------------|--------------------|--|
| NAD27 S.P.C.(FT) | N 318,434.29 | E 1,626,547.90 | |
| NAD27 GEO | LAT-(N) 39.366752 | LONG-(W) 80.820940 | |
| NAD83 UTM (M) | N 4,357,501.11 | E 515,439.63 | |
| LANDING POINT | | | |
| NAD27 S.P.C.(FT) | N 317,838.93 | E 1,626,891.60 | |
| NAD27 GEO | LAT-(N) 39.365132 | LONG-(W) 80.819693 | |
| NAD83 UTM (M) | N 4,357,321.48 | E 515,547.36 | |
| BOTTOM HOLE | | | |
| NAD27 S.P.C.(FT) | N 313,830.67 | E 1,628,442.58 | |
| NAD27 GEO | LAT-(N) 39.354190 | LONG-(W) 80.814001 | |
| NAD83 UTM (M) | N 4,356,108.25 | E 516,040.24 | |

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

LEGEND

| | | | |
|----------------------------------|----------|----------------------|-----|
| EXISTING WELL | ⊙ | LEASE LINE | — |
| PERMITTED WELL | ○ | SURFACE LINE | — |
| PLUGGED WELL | ⊗ | AS DRILLED PERMITTED | — |
| STORAGE WELL | △ | WELL LATERAL | --- |
| CENTERVILLE DIST. TAX MAP-PARCEL | C-00-00 | OFFSET LINE | --- |
| McELROY DIST. TAX MAP-PARCEL | M-00-00 | TIE LINE | --- |
| WEST UNION DIST. TAX MAP-PARCEL | WU-00-00 | CREEK | --- |
| | | ROAD | --- |
| | | FENCE LINE | --- |
| | | COUNTY ROUTE | ⊖ |
| | | PROPOSED WELL | ⊙ |

WELL OPERATOR EQT PRODUCTION COMPANY ADDRESS 400 WOODCLIFF DRIVE
 DESIGNATED AGENT JOSEPH C. MALLOW ADDRESS 427 MIDSTATE DRIVE
 CANONSBURG, PA 15317 CLARKSBURG, WV 26301

**WEU4
WEU4H11
EQT PRODUCTION COMPANY**

SURFACE OWNERSHIP

| TAG | SURFACE OWNER | ACRES± | T.M. - PAR |
|------------------|----------------------------|---------------|--------------|
| TYLER COUNTY | | | |
| A | DONNA J. PETER | 113.4 ACRES± | TM C-16-22 |
| B | CHRIS BAUM ET AL. | 56.84 ACRES± | TM C-16-23 |
| C | LEONA N. LORKOVICH ET AL. | 45.89 ACRES± | TM C-16-24 |
| D | KENDRA & ROGER WYKE ET AL. | 9.5 ACRES± | TM C-18-02 |
| E | ANZANELTA DRAIN HRS | 46.88 ACRES± | TM C-18-03 |
| F | ROBERT ROWAND | 98.81 ACRES± | TM C-18-04 |
| G | COREY A. & ANGELA J. ELINE | 27.5 ACRES± | TMM-23-06 |
| H | PAUL WEEKLEY (LIFE) | 18 ACRES± | TM C-16-27 |
| I | PAUL WEEKLEY (LIFE) | 5 ACRES± | TM C-16-28 |
| J | RICHARD & LISA HENDRICKSON | 44.68 ACRES± | TM M-23-02 |
| K | BRYAN W. PRATT | 23 ACRES± | TMM-21-41 |
| L | BRYAN W. PRATT | 6.75 ACRES± | TMM-21-42 |
| M | JAMES & KATHRYN McNULTY | 50.18 ACRES± | TMM-23-31 |
| N | CARL PERKINS | 50.25 ACRES± | TMM-21-37 |
| O | EDWARD II & CAROLYN WHITE | 16 ACRES± | TMM-21-40 |
| P | EDWARD II & CAROLYN WHITE | 12.50 ACRES± | TMM-21-39 |
| Q | EDWARD II & CAROLYN WHITE | 40 ACRES± | TMM-21-38 |
| R | ASIA DELL CUMBERLEDGE | 75.75 ACRES± | TMM-21-32 |
| S | BRUCE & SANDRA STONEKING | 69.44 ACRES± | TMM-21-28 |
| T | BRUCE & SANDRA STONEKING | 42.86 ACRES± | TMM-21-29 |
| U | CHASE & REBA BARTRUG | 109.94 ACRES± | TM C-16-10 |
| V | MARK PROSSOR ET AL. | 2.50 ACRES± | TM C-16-15 |
| W | DAVID WOLFE | 24.84 ACRES± | TM C-16-16 |
| X | CONRAD COSTLOW | 46.17 ACRES± | TM C-16-14 |
| Y | JOHN ANDERS II | 19.75 ACRES± | TM C-16-21.1 |
| Z | RICHARD & YVONNE METCALF | 61.57 ACRES± | TM C-16-17 |
| AA | PEARLIE DAVIS | 53 ACRES± | TM C-16-25 |
| BB | LESLIE MOORE ET AL. | 20.25 ACRES± | TM C-23-01 |
| CC | STONEWALL GAS COMPANY | 2 ACRES± | TM C-16-24.2 |
| DD | STEVEN MALICKI JR. | 32.94 ACRES± | TM C-18-1.1 |
| EE | RICHARD & LISA HENDRICKSON | 0.25 ACRES± | TM M-23-05 |
| FF | RICHARD H. METCALF | 0.61 ACRES± | TM C-16-4.1 |
| GG | JOHN R. ANDERS, II | 0.09 ACRES± | TM C-16-14.2 |
| HH | PAUL WEEKLEY (LIFE) | 3.37 ACRES± | TM C-16-29 |
| DODDRIDGE COUNTY | | | |
| II | DALE & DWIGHT HUSK | 55.71 ACRES± | TM WU-01-04 |

AS-DRILLED COORDINATES
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

| | | |
|------------------|-------------------|--------------------|
| NAD27 S.P.C.(FT) | N. 318,434.29 | E. 1,626,547.90 |
| NAD27 GEO. | LAT-(N) 39.366752 | LONG-(W) 80.820940 |
| NAD83 UTM (M) | N. 4,357,501.11 | E. 515,439.63 |

BOTTOM HOLE

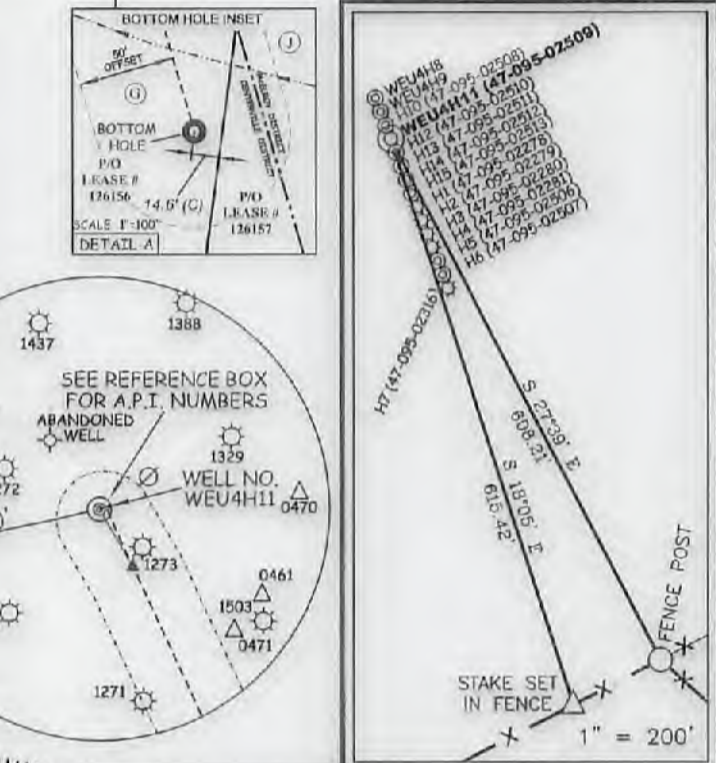
| | | |
|------------------|-------------------|--------------------|
| NAD27 S.P.C.(FT) | N. 318,458.90 | E. 1,626,831.86 |
| NAD27 GEO. | LAT-(N) 39.368823 | LONG-(W) 80.820644 |
| NAD83 UTM (M) | N. 4,357,509.03 | E. 515,465.08 |

ROYALTY OWNERS

| | | |
|--------------------------|-----------|-------------------|
| KEVIN DOTSON | 5 AC± | LEASE NO. 1017381 |
| PAUL WEEKLEY | 18 AC± | LEASE NO. 128184 |
| KENNETH MASON ET AL. | 30 AC± | LEASE NO. 126217 |
| BEATRICE BRADY ET AL. | 47 AC± | LEASE NO. 126207 |
| DYLCIE F. CARROLL ET AL. | 20.25 AC± | LEASE NO. 126370 |
| FRANKLIN BUTLER ET AL. | 101 AC± | LEASE NO. 126189 |
| HESTER BRITTON ET AL. | 27 AC± | LEASE NO. 126156 |

- NOTES ON SURVEY**
- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS 2500 SQ. FT. OR GREATER WERE FOUND WITHIN 825' OF THE CENTER OF PROPOSED WELL PAD.
 - WELL SPOT CIRCLE (SHEET 1) AND TOPO MARK SCALE ARE 1" = 2000'.

REFERENCES



(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

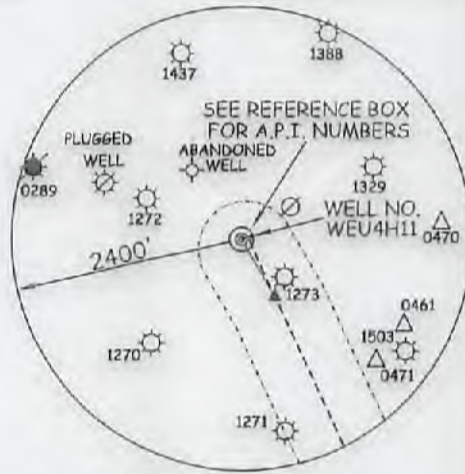
| | | |
|------------------|-------------------|--------------------|
| NAD27 S.P.C.(FT) | N. 318,434.29 | E. 1,626,547.90 |
| NAD27 GEO. | LAT-(N) 39.366752 | LONG-(W) 80.820940 |
| NAD83 UTM (M) | N. 4,357,501.11 | E. 515,439.63 |

LANDING POINT

| | | |
|------------------|-------------------|--------------------|
| NAD27 S.P.C.(FT) | N. 317,838.93 | E. 1,626,891.60 |
| NAD27 GEO. | LAT-(N) 39.365132 | LONG-(W) 80.819693 |
| NAD83 UTM (M) | N. 4,357,321.48 | E. 515,547.36 |

BOTTOM HOLE

| | | |
|------------------|-------------------|--------------------|
| NAD27 S.P.C.(FT) | N. 313,830.67 | E. 1,628,442.58 |
| NAD27 GEO. | LAT-(N) 39.354190 | LONG-(W) 80.814001 |
| NAD83 UTM (M) | N. 4,356,108.25 | E. 516,040.24 |



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 849 *C. Victor Moyers*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JANUARY 27, 20 22

REVISED _____
OPERATORS WELL NO. WEU4H11
API WELL NO. 47 - 095 - 02509
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 7701PWEU4H11R.dwg (516538)

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: PAD ELEVATION 1,079' WATERSHED TRIBUTARY OF CAMP MISTAKE RUN DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5'

SURFACE OWNER DONNA J. PETER ACREAGE 113.40±
ROYALTY OWNER WACO OIL AND GAS INC. ET AL ACREAGE 152± 04/15/2022

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5,388' TD

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT JOSEPH C. MALLOW
ADDRESS 400 WOODCLIFF DRIVE ADDRESS 427 MIDSTATE DRIVE
CANONSBURG, PA 15317 CLARKSBURG, WV 26301

COUNTY NAME PERMIT

4709502509P



EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

CERTIFIED MAIL

RECEIVED
Office of Oil & Gas

FEB 14 2022

WV Department of
Environmental Protection

Dear Sir or Madam:

Re: Proposed WEU4H11 Gas Well

Centerville District, Tyler County, West Virginia

Pursuant to Section 22B-1-9 of the West Virginia Code, enclosed please find copies of the following documents:

- Form WW-4A - Notice of Application to Plug and Abandon a Well (1 copy)
- Form WW-4B - Application for a Permit to Plug and Abandon (1 copy)
- Form WW-7 - WV DEP Well Location Form - Certified Copy
- Form WW-9 - Fluids/Cuttings Disposal & Reclamation Plan (1 copy)

This application is being filed by EQT Production with the Administrator of the Office of Oil and Gas of the West Virginia Department of Environmental Protection. If you have no objections to this well being plugged, please sign the Surface Owner Waiver or Coal Party Waiver (Form WW-B) and return one copy to our office in the enclosed prepaid envelope.

Thank you for your cooperation and consideration. Should you have any questions, comments, or require any additional information, please feel free to contact Becky Shrum at (724) 271-7314.

Sincerely,
EQT PRODUCTION COMPANY

A handwritten signature in blue ink, appearing to read 'Erin Spine'.

Erin Spine
Manager - Subsurface Permitting

Enclosures

04/15/2022



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

Plugging H6A Horizontal Well Work Permit (API: 47-095-02509)

1 message

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

Fri, Apr 15, 2022 at 10:29 AM

To: John <JZavatchan@eqt.com>, Erin Spine <espine@eqt.com>, "Shrum, Becky" <bshrum@eqt.com>, Todd <tklaner@eqt.com>, Olivia Pishioneri <opishioneri@eqt.com>, ljackson@wvassessor.com, Douglas Newlon <douglas.c.newlon@wv.gov>

I have attached a copy of the newly issued well permit numbers:

47-095-02506 - WEU4H11
47-095-02513 - WEU4H15

This will serve as your copy.

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

3 attachments

 **47-095-02509 - Copy.pdf**
2335K

 **47-095-02513 - Copy.pdf**
3277K

 **IR-8 Blank.pdf**
233K

04/15/2022