



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 WEU4H15
47-095-02513-00-00

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: WEU4H15
Farm Name: DONNA J. PETER
U.S. WELL NUMBER: 47-095-02513-00-00
Horizontal 6A Plugging
Date Issued: 4/15/2022

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.

1) Date February 7, 2022
2) Operator's
Well No. WEU4H15
3) API Well No. 47-095 - 02513

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

Weu4 15H
 Tyler Co., WV
 HZ Marcellus well
 API # 47-095-02513
 BY: Tyler Mizgorski
 DATE: 11/4/2021

CURRENT STATUS:

Elevation @ 1079'
 26" conductor @ 40' Cemented to Surface
 13 3/8" casing @ 753' Cemented to Surface
 9 5/8" casing @ 2,865' Cemented to Surface
 5 1/2" casing @ 14,552' Cemented to 3,040'

Well Not Completed

Fresh water @ 142' - 214'
 Salt Water @ 1138' - 1232'
 Coal Show @ 240', 291', 706'
 Gas Storage Zone @ 1992-2014

DOUG NEWCOM 304-932-8049

- 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 top of Marcellus @ 7,610' and set a CIBP above the marcellus @ 7590' MD. If unable to get to set depth, 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 if not full. Perform CIT with pump truck to 2000 psi. Ensure leak-off is not more than 10% in thirty minutes per regulation.
- 7) RIH and set second CIBP 10' above the first
- 8) POOH w/ wireline and load well with 6% gel if not full. Perform CIT with pump truck to 2000 psi. Ensure leak-off is not more than 10% in thirty minutes per regulation.
- 9) RIH with Renegade segmented bond log and pull log from CIBP to surface
- 10) TIH with tubing to CIBP.
- 11) Pump 1500' Class A cement plug, 7,580' to 6,080' Pump 500' of cement and pull 500' of tubing 2 times. Pump last 500' section and pull tubing 300' and reverse circulate full hole volume. TOOH 300'
- 12) Let cement dry for 8 hours and tag top of cement. If cement top is at 6,080' or close POOH with tubing
- 13) Free Point 5 1/2" casing. Cut Casing @freepoint - 3,000' using jet cutter. Estimated freepoint @3,040'. TOOH 5 1/2" Casing.
- 14) Set a 400' C1A Cement plug 100' in/300' out of casing cut. 3,100' to 2,700' pull tubing 300' and reverse circulate full hole volume. TOOH 300' (Top of 5 1/2" and 9 5/8" Casing Seat)
- 15) Let cement dry for 8 hours. Check TD. If top of cement is at 2,700' or close TOOH with tubing.
- 16) TIH with wireline and set CIBP @ 2,650' TOOH with wireline
- 17) TIH with tubing to 2115'. Set a 300' C1A cement plug 2115' to 1815'. TOOH 300' Reverse circulate full hole volume. TOOH 300' (Safety Plug)
- 18) Let cement dry for 8 hours.
- 19) TIH with tubing to 1815' if cement top is at 1815' or close TOOH to 1080' set 430' C1A plug 1080' to 650' TOOH and let cure 8 hours. (Elevation, Coal, and 13 3/8" casing seat)
- 20) TIH with tubing and check TD. IF at 655' or close POOH to 350' and set C1A plug 350' to surface (Coal, Freshwater, and surface plug)
- 21) Reclaim location and Set Monument above ground to WV-DEP Specifications

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 47-095-02513 County Tyler District Centerville
Quad West Union Pad Name WEU4 Field/Pool Name N/A
Farm name Donna J Peter Well Number WEU4H15 (516601)
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 4,357,484.16 Easting 515,446.48
Landing Point of Curve Northing 4,357,716.25 Easting 516,076.13
Bottom Hole Northing 4,359,551.17 Easting 515,222.44

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) Synthetic Based Mud 12.2 ppg, barium sulfate, salt, lime, organophilic clay, gibsonite, anionic emulsifier, polyamide emulsifier, organic polymeric viscosifier, oil soluble sulfonated surfactant, surfactant, thinner, calcium carbonate, walnut shells, cellulose, blend of deformable latex polymers

Date permit issued 8/3/2018 Date drilling commenced 9/27/2018 Date drilling ceased 7/23/2019
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 142, 185, 196, 214 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1138, 1229, 1232 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 240, 291, 706 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 - 02513 Farm name Donna J Peter Well number WEU4H15 (516601)

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"	40"	NEW	A-500 85.6#	N/A	Y
Surface	17-1/2"	13-3/8"	753'	NEW	J-55 54.5#	202	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2865'	NEW	A-500 40#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4" & 8-1/2"	5 1/2"	14552'	NEW	P-110 20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has calculated TOC of 3040' MD, which is greater than 500' TVD above the producing formation. No issues during cement job.

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	739	16.0	1.13	835	0	8
Coal							
Intermediate 1	CLASS H	1040	16.8	1.07	1113	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	2445	15.2	1.10	2690	3040	8+
Tubing							

Drillers TD (ft) 14535' 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) 3870' 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: ON SHOE TRACK AND EVERY JOINT TO 3518'

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 - 02513 Farm name Donna J Peter Well number WEU4H15 (516601)

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

Logging Company Gyrodata 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

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API # 47-095-02513 Final Formations WEU4H15 (516601)				
Formation Name	Drill Top MD (ftKB)	Drill Top (TVD) (ftKB)	Drill Btm MD (ftKB)	Drill Btm (TVD) (ftKB)
SAND/SHALE	1	1	240	240
COAL	240	240	242	242
SAND/SHALE	242	242	291	291
COAL	291	291	295	295
SAND/SHALE	295	295	706	706
COAL	706	706	710	710
SAND/SHALE	710	710	1848	1840
MAXTON	1848	1840	2047	2037
SAND/SHALE	2047	2037	2121	2111
BIG LIME	2121	2111	2405	2393
SAND/SHALE	2405	2393	2413	2401
WEIR	2413	2401	2460	2448
SAND/SHALE	2460	2448	2500	2488
GANTZ	2500	2488	2517	2505
SAND/SHALE	2517	2505	2614	2602
FIFTY FOOT	2614	2602	2669	2657
SAND/SHALE	2669	2657	2700	2688
THIRTY FOOT	2700	2688	2754	2742
SAND/SHALE	2754	2742	2780	2768
GORDON	2780	2768	2825	2813
SAND/SHALE	2825	2813	2851	2839
FORTH SAND	2851	2839	2913	2901
SAND/SHALE	2913	2901	2964	2952
FIFTH SAND	2964	2952	2977	2965
SAND/SHALE	2977	2965	3021	3009
BAYARD	3021	3009	3158	3146
SAND/SHALE	3158	3146	3384	3372
WARREN	3384	3372	3450	3438
SAND/SHALE	3450	3438	3470	3458
SPEECHLEY	3470	3458	3584	3572
SAND/SHALE	3584	3572	3986	3973
BALLTOWN A	3986	3973	4098	4082
SAND/SHALE	4098	4082	4584	4489
RILEY	4584	4489	4874	4705
SAND/SHALE	4874	4705	5005	4806
BENSON	5005	4806	5068	4854
SAND/SHALE	5068	4854	5252	4991
ALEXANDER	5252	4991	5334	5051
ELKS	5334	5051	6986	6290
SONYEA	6986	6290	7179	6426
MIDDLESEX	7179	6426	7257	6474
GENESEE	7257	6474	7405	6551
GENESE0	7405	6551	7473	6578
TULLY	7473	6578	7548	6603
HAMILTON	7548	6603	7610	6619
MARCELLUS	7610	6619	14535	6660

04/15/2022

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Actual Wellpath Report

WEU4 516601 AWP Proj: 14535'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 5.1
North Reference	Grid	User	Jacostec
Scale	0.999951	Report Generated	7/31/2019 at 15:49
Convergence at slot	0.84° West	Database/Source file	WA_MPL_EASTERNUS_Defn/WEU4_516601_AWP_Proj_14535_.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-69.99	26.96	1626569.47	318378.30	39°21'59.758"N	80°49'15.098"W
Facility Reference Pt			1626542.51	318448.29	39°22'00.446"N	80°49'15.454"W
Field Reference Pt			609601.22	0.00	38°23'48.753"N	84°21'09.765"W

WELLPATH DATUM

Calculation method	Minimum curvature	Pioneer 72 (RKB) to Facility Vertical Datum	1102.00ft
Horizontal Reference Pt	Slot	Pioneer 72 (RKB) to Mean Sea Level	1102.00ft
Vertical Reference Pt	Pioneer 72 (RKB)	Pioneer 72 (RKB) to Ground Level at Slot (Slot 516601)	23.00ft
MD Reference Pt	Pioneer 72 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	354.77°

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Actual Wellpath Report

WEU4 516601 AWP Proj: 14535'

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

WELLPATH DATA (193 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
0.00†	0.000	243.020	0.00	-1102.00	0.00	0.00	0.00	0.00	0.00	0.00
23.00	0.000	243.020	23.00	-1079.00	0.00	0.00	0.00	0.00	0.00	0.00
110.00	0.560	243.020	110.00	-992.00	-0.16	-0.19	-0.38	0.64	0.64	-134.46
210.00	0.640	292.630	209.99	-892.01	-0.08	-0.20	-1.33	0.51	0.08	49.61
310.00	0.710	330.210	309.99	-792.01	0.75	0.55	-2.15	0.44	0.07	37.58
410.00	0.800	14.440	409.98	-692.02	1.97	1.77	-2.29	0.57	0.09	44.23
510.00	0.830	31.610	509.97	-592.03	3.20	3.06	-1.73	0.25	0.03	17.17
610.00	0.880	41.280	609.96	-492.04	4.31	4.25	-0.85	0.15	0.05	9.67
710.00	0.930	44.050	709.95	-392.05	5.37	5.41	0.22	0.07	0.05	2.77
810.00	2.120	64.810	809.91	-292.09	6.53	6.78	2.46	1.29	1.19	20.76
910.00	6.760	85.780	909.59	-192.41	7.06	8.01	10.01	4.84	4.64	20.97
1010.00	10.670	97.640	1008.42	-93.58	4.89	7.21	25.06	4.28	3.91	11.86
1110.00	10.360	107.810	1106.75	4.75	-0.69	3.23	42.80	1.88	-0.31	10.17
1210.00	6.880	117.030	1205.61	103.61	-7.41	-2.25	56.70	3.73	-3.48	9.22
1310.00	4.300	111.540	1305.13	203.13	-12.29	-6.35	65.52	2.63	-2.58	-5.49
1410.00	4.740	113.760	1404.82	302.82	-15.99	-9.39	72.79	0.47	0.44	2.24
1510.00	6.480	125.820	1504.34	402.34	-21.70	-14.36	81.15	2.09	1.74	12.04
1610.00	7.260	125.920	1603.62	501.62	-29.56	-21.37	90.84	0.78	0.78	0.10
1710.00	7.010	110.340	1702.85	600.85	-36.35	-27.20	101.68	1.95	-0.25	-15.58
1810.00	7.550	105.250	1802.05	700.05	-41.28	-31.05	113.74	0.84	0.54	-5.09
1910.00	6.350	112.120	1901.31	799.31	-46.12	-34.86	125.20	1.46	-1.20	6.87
2010.00	6.530	112.680	2000.68	898.68	-51.33	-39.13	135.57	0.19	0.18	0.56
2110.00	8.010	110.740	2099.87	997.87	-57.04	-43.79	147.34	1.50	1.48	-1.94
2210.00	7.380	114.120	2198.97	1096.97	-63.24	-48.88	159.71	0.78	-0.63	3.38
2310.00	5.340	113.920	2298.35	1196.35	-68.65	-53.39	169.83	2.04	-2.04	-0.20
2410.00	3.970	111.500	2398.02	1296.02	-72.48	-56.55	177.31	1.38	-1.37	-2.42
2510.00	1.780	115.570	2497.89	1395.89	-74.83	-58.49	181.93	2.20	-2.19	4.07
2610.00	0.570	99.420	2597.87	1495.87	-75.75	-59.24	183.82	1.24	-1.21	-16.15
2710.00	0.510	43.630	2697.86	1595.86	-75.58	-59.00	184.62	0.51	-0.06	-55.79
2810.00	0.720	47.980	2797.86	1695.86	-74.91	-58.26	185.39	0.21	0.21	4.36

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Actual Wellpath Report

WEU4 516601 AWP Proj: 14535'
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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

WELLPATH DATA (193 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
2910.00	0.840	52.020	2897.85	1795.85	-74.14	-57.39	186.44	0.13	0.12	4.04
3010.00	0.640	51.210	2997.84	1895.84	-73.44	-56.59	187.45	0.20	-0.20	-0.81
3110.00	0.410	50.700	3097.83	1995.83	-72.93	-56.01	188.16	0.23	-0.23	-0.51
3210.00	0.220	55.590	3197.83	2095.83	-72.63	-55.67	188.60	0.19	-0.19	4.89
3310.00	0.100	92.080	3297.83	2195.83	-72.55	-55.57	188.84	0.15	-0.12	36.49
3410.00	0.170	83.500	3397.83	2295.83	-72.56	-55.55	189.08	0.07	0.07	-8.58
3510.00	0.160	238.670	3497.83	2395.83	-72.62	-55.61	189.10	0.32	-0.01	155.17
3610.00	0.090	160.160	3597.83	2495.83	-72.75	-55.76	189.01	0.17	-0.07	-78.51
3634.00	0.240	215.370	3621.83	2519.83	-72.81	-55.82	188.99	0.84	0.62	230.04
3647.00	0.170	321.560	3634.83	2532.83	-72.82	-55.82	188.96	2.54	-0.54	816.85
3679.00	0.240	138.770	3666.83	2564.83	-72.83	-55.84	188.98	1.28	0.22	553.78
3711.00	0.140	287.690	3698.83	2596.83	-72.87	-55.87	188.98	1.15	-0.31	465.37
3742.00	0.260	100.470	3729.83	2627.83	-72.87	-55.88	189.02	1.29	0.39	557.35
3775.00	0.140	15.600	3762.83	2660.83	-72.86	-55.85	189.10	0.86	-0.36	-257.18
3806.00	0.100	116.900	3793.83	2691.83	-72.83	-55.83	189.14	0.60	-0.13	326.77
3838.00	0.370	144.180	3825.83	2723.83	-72.94	-55.92	189.22	0.89	0.84	85.25
3870.00	0.510	104.230	3857.83	2755.83	-73.07	-56.04	189.42	1.03	0.44	-124.84
3902.00	2.230	92.620	3889.82	2787.82	-73.21	-56.10	190.18	5.42	5.37	-36.28
3933.00	4.780	90.020	3920.76	2818.76	-73.41	-56.13	192.07	8.24	8.23	-8.39
3965.00	7.320	86.950	3952.58	2850.58	-73.61	-56.02	195.44	8.00	7.94	-9.59
3996.00	9.760	86.640	3983.23	2881.23	-73.77	-55.77	200.04	7.87	7.87	-1.00
4028.00	11.970	85.910	4014.66	2912.66	-73.92	-55.37	206.08	6.92	6.91	-2.28
4059.00	14.140	86.900	4044.85	2942.85	-74.13	-54.94	213.05	7.04	7.00	3.19
4090.00	16.180	88.000	4074.77	2972.77	-74.51	-54.58	221.14	6.65	6.58	3.55
4122.00	18.040	89.030	4105.36	3003.36	-75.13	-54.34	230.55	5.89	5.81	3.22
4153.00	19.580	89.820	4134.70	3032.70	-75.94	-54.24	240.55	5.04	4.97	2.55
4185.00	21.180	90.850	4164.70	3062.70	-77.03	-54.31	251.69	5.12	5.00	3.22
4216.00	23.230	91.250	4193.40	3091.40	-78.31	-54.53	263.41	6.63	6.61	1.29
4248.00	25.670	92.660	4222.52	3120.52	-79.98	-54.99	276.64	7.84	7.62	4.41
4280.00	27.690	92.570	4251.12	3149.12	-81.94	-55.64	290.99	6.31	6.31	-0.28

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Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

WELLPATH DATA (193 stations)										
MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	TVDSS (ft)	Vert Sect (ft)	North (ft)	East (ft)	DLS (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4311.00	30.110	92.260	4278.25	3176.25	-83.93	-56.27	305.96	7.82	7.81	-1.00
4342.00	32.850	91.500	4304.69	3202.69	-85.93	-56.80	322.14	8.93	8.84	-2.45
4374.00	35.990	90.960	4331.08	3229.08	-87.96	-57.18	340.22	9.86	9.81	-1.69
4403.00	38.780	90.750	4354.12	3252.12	-89.82	-57.45	357.82	9.63	9.62	-0.72
4435.00	41.160	91.290	4378.64	3276.64	-92.06	-57.81	378.37	7.52	7.44	1.69
4467.00	41.320	91.430	4402.71	3300.71	-94.49	-58.32	399.46	0.58	0.50	0.44
4499.00	41.350	91.170	4426.73	3324.73	-96.89	-58.79	420.59	0.54	0.09	-0.81
4531.00	43.180	91.020	4450.42	3348.42	-99.26	-59.21	442.11	5.73	5.72	-0.47
4562.00	43.200	90.730	4473.02	3371.02	-101.52	-59.53	463.32	0.64	0.06	-0.94
4594.00	42.990	89.690	4496.38	3394.38	-103.59	-59.61	485.19	2.32	-0.66	-3.25
4626.00	42.280	88.870	4519.93	3417.93	-105.29	-59.34	506.86	2.82	-2.22	-2.56
4658.00	41.770	87.850	4543.70	3441.70	-106.64	-58.73	528.27	2.66	-1.59	-3.19
4690.00	41.470	87.240	4567.62	3465.62	-107.67	-57.82	549.51	1.58	-0.94	-1.91
4721.00	41.860	89.130	4590.78	3488.78	-108.89	-57.17	570.10	4.24	1.26	6.10
4753.00	41.930	90.020	4614.60	3512.60	-110.68	-57.01	591.47	1.87	0.22	2.78
4784.00	41.450	89.470	4637.75	3535.75	-112.47	-56.92	612.09	1.95	-1.55	-1.77
4815.00	41.390	91.980	4661.00	3559.00	-114.60	-57.17	632.59	5.36	-0.19	8.10
4847.00	41.340	92.830	4685.01	3583.01	-117.41	-58.06	653.72	1.76	-0.16	2.66
4878.00	41.020	92.100	4708.35	3606.35	-120.14	-58.94	674.11	1.86	-1.03	-2.35
4910.00	40.170	90.900	4732.64	3630.64	-122.59	-59.49	694.93	3.61	-2.66	-3.75
4941.00	39.500	89.510	4756.45	3654.45	-124.47	-59.56	714.78	3.59	-2.16	-4.48
4973.00	39.080	88.690	4781.22	3679.22	-126.00	-59.24	735.04	2.09	-1.31	-2.56
5005.00	40.290	89.860	4805.84	3703.84	-127.61	-58.99	755.47	4.44	3.78	3.66
5036.00	40.730	90.060	4829.41	3727.41	-129.43	-58.97	775.61	1.48	1.42	0.65
5068.00	41.510	91.970	4853.52	3751.52	-131.72	-59.35	796.65	4.62	2.44	5.97
5100.00	41.490	92.410	4877.48	3775.48	-134.46	-60.16	817.84	0.91	-0.06	1.38
5164.00	40.080	90.070	4925.94	3823.94	-139.18	-61.08	859.63	3.25	-2.20	-3.66
5196.00	42.010	90.030	4950.08	3848.08	-141.11	-61.09	880.64	6.03	6.03	-0.13
5227.00	42.750	90.400	4972.98	3870.98	-143.10	-61.17	901.53	2.52	2.39	1.19
5259.00	43.020	90.800	4996.42	3894.42	-145.31	-61.40	923.31	1.20	0.84	1.25

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

WELLPATH DATA (193 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
5291.00	43.650	90.800	5019.70	3917.70	-147.62	-61.71	945.27	1.97	1.97	0.00
5322.00	43.340	91.470	5042.19	3940.19	-149.98	-62.13	966.60	1.79	-1.00	2.16
5353.00	43.540	91.600	5064.70	3962.70	-152.49	-62.70	987.91	0.71	0.65	0.42
5385.00	43.330	91.900	5087.93	3985.93	-155.17	-63.37	1009.90	0.92	-0.66	0.94
5417.00	41.400	92.770	5111.58	4009.58	-158.00	-64.25	1031.44	6.30	-6.03	2.72
5449.00	41.190	93.010	5135.62	4033.62	-160.98	-65.31	1052.53	0.82	-0.66	0.75
5500.00	40.910	93.750	5174.08	4072.08	-166.00	-67.29	1085.97	1.10	-0.55	1.45
5595.00	41.530	89.720	5245.55	4143.55	-173.57	-69.17	1148.51	2.87	0.65	-4.24
5690.00	41.710	87.430	5316.57	4214.57	-177.76	-67.60	1211.58	1.61	0.19	-2.41
5785.00	41.570	86.450	5387.57	4285.57	-180.15	-64.23	1274.61	0.70	-0.15	-1.03
5880.00	41.800	89.080	5458.52	4356.52	-183.45	-61.77	1337.73	1.86	0.24	2.77
5975.00	41.790	94.230	5529.37	4427.37	-191.03	-63.59	1400.97	3.61	-0.01	5.42
6070.00	41.750	95.220	5600.22	4498.22	-201.97	-68.81	1464.04	0.70	-0.04	1.04
6165.00	41.780	90.700	5671.10	4569.10	-210.98	-72.07	1527.20	3.17	0.03	-4.76
6260.00	41.770	88.370	5741.95	4639.95	-216.24	-71.56	1590.48	1.83	-0.01	-2.46
6354.00	41.330	87.010	5812.30	4710.30	-219.42	-69.05	1652.77	1.07	-0.47	-1.45
6449.00	41.990	87.140	5883.27	4781.27	-221.96	-65.83	1715.84	0.70	0.69	0.14
6544.00	41.910	91.510	5953.94	4851.94	-227.00	-65.08	1779.31	3.08	-0.08	4.60
6639.00	41.990	93.000	6024.60	4922.60	-235.27	-67.58	1842.76	1.05	0.08	1.57
6734.00	40.490	87.140	6096.06	4994.06	-241.10	-67.70	1905.32	4.36	-1.58	-6.17
6829.00	39.020	69.990	6169.32	5067.32	-234.72	-55.89	1964.41	11.62	-1.55	-18.05
6924.00	39.880	55.270	6242.84	5140.84	-212.05	-28.25	2017.66	9.87	0.91	-15.49
7019.00	41.870	43.960	6314.77	5212.77	-176.28	11.99	2064.77	8.06	2.09	-11.91
7113.00	46.460	33.540	6382.27	5280.27	-129.12	63.06	2105.44	9.13	4.88	-11.09
7208.00	52.070	22.590	6444.34	5342.34	-68.99	126.51	2138.95	10.53	5.91	-11.53
7303.00	56.790	11.870	6499.70	5397.70	2.31	200.18	2161.57	10.43	4.97	-11.28
7398.00	62.930	3.490	6547.44	5445.44	82.28	281.48	2172.34	9.99	6.46	-8.82
7493.00	69.750	356.800	6585.58	5483.58	168.81	368.37	2172.43	9.65	7.18	-7.04
7588.00	75.970	350.780	6613.58	5511.58	259.48	458.52	2162.54	8.92	6.55	-6.34
7683.00	81.500	345.820	6632.14	5530.14	351.99	549.68	2143.62	7.75	5.82	-5.22

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

WELLPATH DATA (193 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
7778.00	84.170	339.310	6644.01	5542.01	444.05	639.54	2115.38	7.36	2.81	-6.85
7873.00	89.910	335.580	6648.91	5546.91	534.57	727.11	2079.01	7.20	6.04	-3.93
7968.00	89.780	335.940	6649.17	5547.17	624.39	813.73	2040.00	0.40	-0.14	0.38
8063.00	89.910	336.050	6649.42	5547.42	714.33	900.51	2001.36	0.18	0.14	0.12
8158.00	89.910	332.390	6649.57	5547.57	803.27	986.04	1960.05	3.85	0.00	-3.85
8253.00	89.940	330.590	6649.70	5547.70	890.53	1069.52	1914.70	1.89	0.03	-1.89
8348.00	89.570	328.780	6650.10	5548.10	976.57	1151.52	1866.75	1.94	-0.39	-1.91
8443.00	89.820	331.730	6650.61	5548.61	1062.99	1234.00	1819.63	3.12	0.26	3.11
8538.00	89.820	335.300	6650.91	5548.91	1151.52	1319.01	1777.27	3.76	0.00	3.76
8633.00	89.940	338.940	6651.11	5549.11	1242.03	1405.52	1740.34	3.83	0.13	3.83
8728.00	89.880	339.650	6651.26	5549.26	1333.58	1495.39	1706.75	0.75	-0.06	0.75
8823.00	89.850	340.720	6651.48	5549.48	1425.52	1584.76	1674.55	1.13	-0.03	1.13
8918.00	89.940	339.020	6651.65	5549.65	1517.32	1673.95	1641.85	1.79	0.09	-1.79
9013.00	90.060	336.760	6651.65	5549.65	1608.22	1761.96	1606.10	2.38	0.13	-2.38
9108.00	89.630	335.270	6651.91	5549.91	1698.18	1848.76	1567.48	1.63	-0.45	-1.57
9203.00	89.630	335.340	6652.53	5550.53	1787.74	1935.07	1527.80	0.07	0.00	0.07
9298.00	89.450	337.780	6653.29	5551.29	1877.98	2022.22	1490.01	2.58	-0.19	2.57
9393.00	89.600	342.350	6654.08	5552.08	1969.84	2111.50	1457.63	4.81	0.16	4.81
9488.00	90.090	343.550	6654.33	5552.33	2062.82	2202.32	1429.77	1.36	0.52	1.26
9583.00	89.910	341.730	6654.33	5552.33	2156.70	2292.99	1401.43	1.93	-0.19	-1.92
9677.00	90.030	338.610	6654.38	5552.38	2246.65	2381.40	1369.55	3.32	0.13	-3.32
9772.00	89.820	334.230	6654.51	5552.51	2336.80	2468.45	1331.55	4.62	-0.22	-4.61
9867.00	89.660	333.420	6654.94	5552.94	2425.52	2553.71	1289.65	0.87	-0.17	-0.85
9961.00	89.690	334.350	6655.47	5553.47	2513.34	2638.11	1248.27	0.99	0.03	0.99
10056.00	89.880	334.870	6655.83	5553.83	2602.52	2723.93	1207.54	0.58	0.20	0.55
10150.00	90.060	335.810	6655.88	5553.88	2691.16	2809.36	1168.32	1.02	0.19	1.00
10245.00	90.000	336.090	6655.83	5553.83	2781.08	2896.11	1129.60	0.30	-0.06	0.29
10340.00	89.940	334.910	6655.88	5553.88	2870.76	2982.56	1090.21	1.24	-0.06	-1.24
10435.00	89.940	335.340	6655.98	5553.98	2960.23	3068.74	1050.25	0.45	0.00	0.45
10530.00	89.970	335.340	6656.05	5554.05	3049.82	3155.08	1010.61	0.03	0.03	0.00

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

WELLPATH DATA (193 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
10625.00	89.570	335.660	6656.43	5554.43	3139.50	3241.52	971.22	0.54	-0.42	0.34
10720.00	89.480	336.190	6657.22	5555.22	3229.40	3328.26	932.46	0.57	-0.09	0.56
10815.00	89.230	338.630	6658.29	5556.29	3320.06	3415.96	895.98	2.58	-0.26	2.57
10910.00	89.320	342.640	6659.49	5557.49	3412.16	3505.56	864.48	4.22	0.09	4.22
11005.00	90.030	348.900	6660.03	5558.03	3505.94	3597.59	841.14	6.63	0.75	6.59
11100.00	90.120	344.250	6659.91	5557.91	3599.94	3689.97	819.09	4.90	0.09	-4.89
11195.00	91.540	338.210	6658.53	5556.53	3892.25	3779.87	788.54	6.53	1.49	-6.36
11290.00	90.090	333.890	6657.18	5555.18	3782.19	3866.65	749.99	4.80	-1.53	-4.55
11384.00	89.660	329.980	6657.38	5555.38	3868.81	3949.59	705.78	4.18	-0.46	-4.16
11479.00	89.780	331.080	6657.85	5555.85	3955.43	4032.29	659.04	1.16	0.13	1.16
11574.00	90.220	332.090	6657.85	5555.85	4042.75	4115.84	613.84	1.16	0.46	1.06
11669.00	90.000	337.420	6657.66	5555.66	4131.98	4201.74	573.34	5.62	-0.23	5.61
11764.00	91.020	341.010	6656.82	5554.82	4223.49	4290.54	539.63	3.93	1.07	3.78
11859.00	90.860	340.240	6655.26	5553.26	4315.59	4380.15	508.12	0.83	-0.17	-0.81
11954.00	90.990	336.680	6653.73	5551.73	4406.74	4468.49	473.26	3.74	0.14	-3.74
12049.00	90.620	330.810	6652.39	5550.39	4496.38	4553.64	431.26	6.20	-0.39	-6.19
12144.00	90.220	329.350	6651.69	5549.69	4581.69	4635.98	383.88	1.59	-0.42	-1.54
12239.00	90.090	330.750	6651.44	5549.44	4667.98	4718.29	336.45	1.48	-0.14	1.47
12334.00	90.370	331.890	6651.06	5549.06	4755.13	4801.63	290.86	1.24	0.29	1.20
12428.00	90.220	336.160	6650.57	5548.57	4843.01	4886.12	249.70	4.55	-0.16	4.54
12523.00	90.250	341.320	6650.18	5548.18	4934.29	4974.62	215.27	5.43	0.03	5.43
12618.00	90.340	340.770	6649.69	5547.69	5026.57	5064.47	184.41	0.59	0.09	-0.58
12713.00	90.060	341.280	6649.36	5547.36	5118.85	5154.30	153.52	0.61	-0.29	0.54
12808.00	89.910	342.050	6649.39	5547.39	5211.38	5244.48	123.64	0.83	-0.16	0.81
12904.00	89.850	342.970	6649.59	5547.59	5305.19	5336.04	94.78	0.96	-0.06	0.96
12998.00	90.060	340.370	6649.66	5547.66	5396.73	5425.26	65.23	2.77	0.22	-2.77
13093.00	89.820	332.990	6649.76	5547.76	5486.97	5512.44	27.64	7.77	-0.25	-7.77
13188.00	89.820	328.950	6650.06	5548.06	5573.88	5595.49	-18.45	4.25	0.00	-4.25
13283.00	89.780	330.710	6650.39	5548.39	5660.01	5677.62	-66.19	1.85	-0.04	1.85
13378.00	89.720	333.070	6650.80	5548.80	5747.53	5761.41	-110.95	2.48	-0.06	2.48

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REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

WELLPATH DATA (193 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
13473.00	90.030	336.500	6651.01	5549.01	5836.80	5847.34	-151.41	3.63	0.33	3.61
13568.00	89.910	336.830	6651.06	5549.06	5927.09	5934.57	-189.04	0.37	-0.13	0.35
13663.00	90.000	334.720	6651.14	5549.14	6016.92	6021.20	-228.02	2.22	0.09	-2.22
13758.00	89.940	335.080	6651.19	5549.19	6106.26	6107.23	-268.32	0.38	-0.06	0.38
13853.00	90.030	337.080	6651.21	5549.21	6196.25	6194.06	-306.84	2.11	0.09	2.11
13948.00	90.180	339.850	6651.04	5549.04	6287.42	6282.42	-341.70	2.92	0.16	2.92
14043.00	90.220	338.250	6650.71	5548.71	6378.86	6371.14	-375.67	1.68	0.04	-1.68
14138.00	90.220	335.320	6650.34	5548.34	6469.21	6458.44	-413.11	3.08	0.00	-3.08
14233.00	90.120	328.430	6650.06	5548.06	6556.67	6542.17	-457.87	7.25	-0.11	-7.25
14328.00	90.030	325.820	6649.93	5547.93	6640.82	6621.95	-509.43	2.75	-0.09	-2.75
14423.00	90.030	325.360	6649.88	5547.88	6723.76	6700.33	-563.12	0.48	0.00	-0.48
14510.00	90.030	330.080	6649.84	5547.84	6801.22	6773.86	-609.57	5.43	0.00	5.43
14535.00	90.030	330.080	6649.83	5547.83	6823.94	6795.53	-622.04	0.00	0.00	0.00

HOLE & CASING SECTIONS - Ref Wellbore: WEU4 516601 AWB Ref Wellpath: WEU4 516601 AWP Proj: 14535'

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
17.5in Open Hole	23.00	760.00	737.00	23.00	759.93	0.00	0.00	6.05	1.07
13.375in Casing Surface	23.00	760.00	737.00	23.00	759.93	0.00	0.00	6.05	1.07
12.25in Open Hole	760.00	2875.00	2115.00	759.93	2862.85	6.05	1.07	-57.70	186.05
9.625in Casing Intermediate	23.00	2875.00	2852.00	23.00	2862.85	0.00	0.00	-57.70	186.05
8.75in Open Hole	2875.00	5523.00	2648.00	2862.85	5191.44	-57.70	186.05	-68.14	1101.03
8.5in Open Hole	5523.00	14535.00	9012.00	5191.44	6649.83	-68.14	1101.03	6795.53	-622.04
5.5in Casing Production	23.00	14535.00	14512.00	23.00	6649.83	0.00	0.00	6795.53	-622.04

4709502513P



Where energy meets innovation.

Actual Wellpath Report

WEU4 516601 AWP Proj: 14535'

Page 9 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	EQT	Slot	Slot 516601
Area	Tyler County, WV	Well	WEU4 516601
Field	Tyler	Wellbore	WEU4 516601 AWB
Facility	WEU4 Pad		

TARGETS

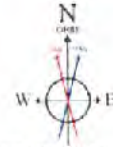
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
WEU4 516601 LP Rev-1	6647.00	614.63	2101.68	1628671.04	318992.90	39°22'06.137"N	80°48'48.455"W	point
WEU4 516601 BHL Rev-1	6665.26	6796.17	-607.97	1625961.54	325174.12	39°23'06.633"N	80°49'24.112"W	point
WEU4 HL1 Rev-2	7000.00	55.99	-21.57	1626547.90	318434.29	39°22'00.308"N	80°49'15.383"W	polygon
WEU4 HL2 Rev-2	7000.00	55.99	-21.57	1626547.90	318434.29	39°22'00.308"N	80°49'15.383"W	polygon
WEU4 HL3 Rev-2	7000.00	55.99	-21.57	1626547.90	318434.29	39°22'00.308"N	80°49'15.383"W	polygon
WEU4 HL4 Rev-2	7000.00	55.99	-21.57	1626547.90	318434.29	39°22'00.308"N	80°49'15.383"W	polygon

WELLPATH COMPOSITION - Ref Wellbore: WEU4 516601 AWB Ref Wellpath: WEU4 516601 AWP Proj: 14535'

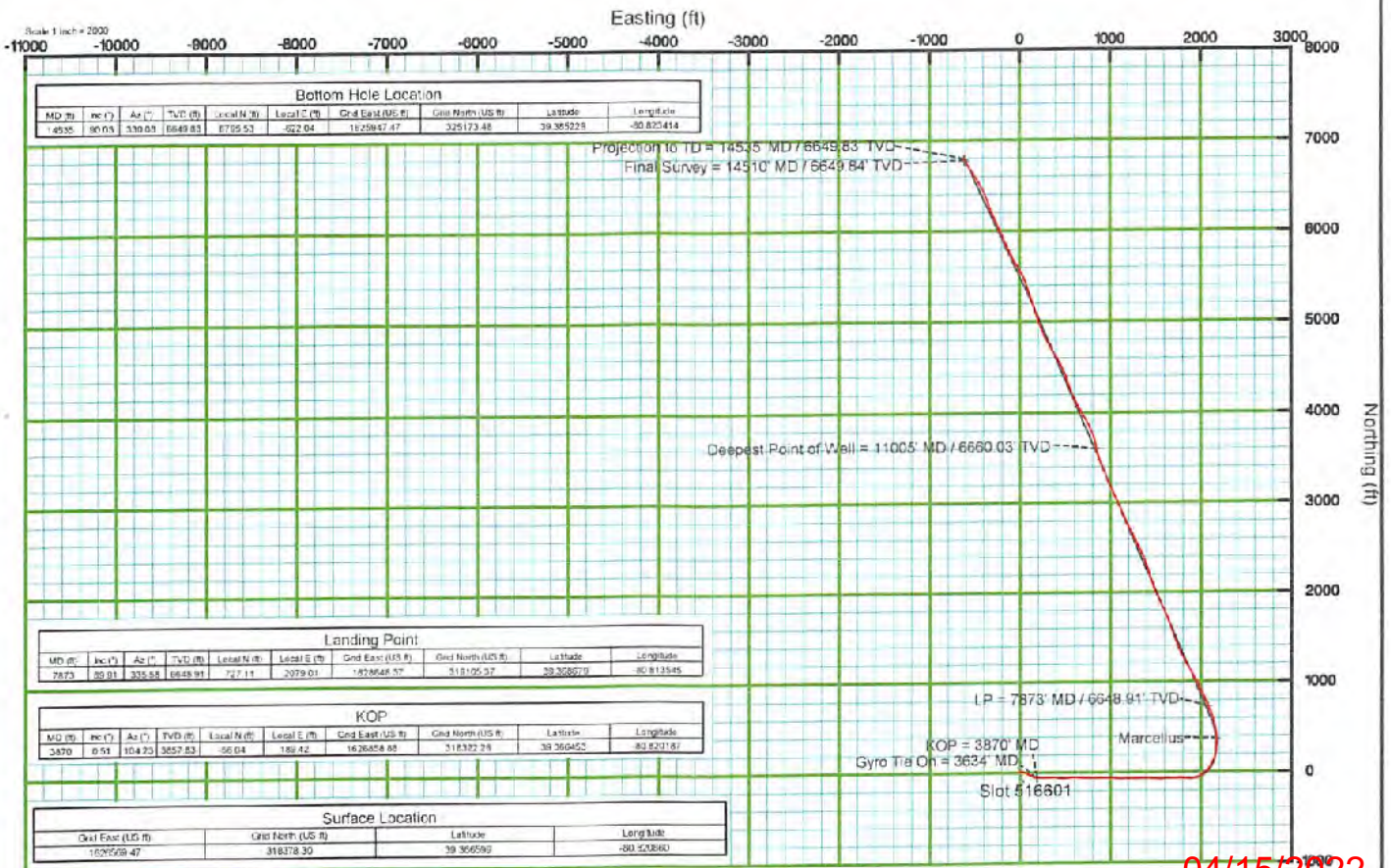
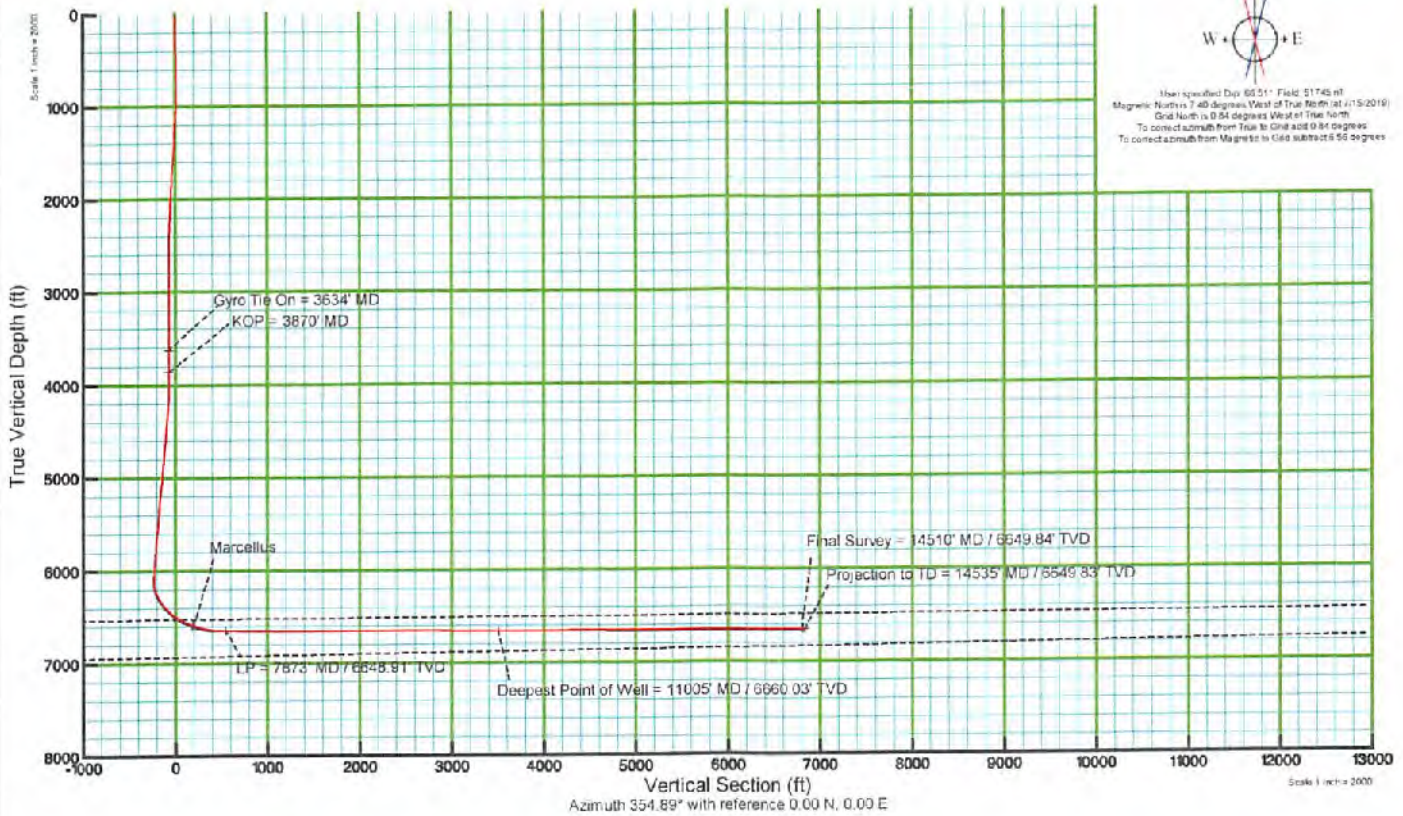
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
23.00	3634.00	Gyrodata standard - Continuous gyro	01 Gyrodata Cont Gyro <12-1/4">(100'-3624')	WEU4 516601 AWB
3634.00	5449.00	OWSG MWD rev2 - Standard	02 SDI MWD <8-3/4">(3624')(3637'-5439')	WEU4 516601 AWB
5449.00	14510.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	03 BH AT Curve + MagVar MSA <8-1/2">(5449')(5500'-14510')	WEU4 516601 AWB
14510.00	14535.00	Blind Drilling (std)	Projection to bit	WEU4 516601 AWB



Ground elevation = 1079 ft
 KB elevation = 1102 ft
 All measurements are taken from KB elevation



Use specified Day 65.51° Field 51745 m
 Magnetic North is 7.40 degrees West of True North (at 1/15/2019)
 Grid North is 0.64 degrees West of True North
 To correct azimuth from True to Grid add 0.84 degrees
 To correct azimuth from Magnetic to Grid subtract 6.56 degrees



04/15/2022

WW-4A
Revised 6-07

1) Date February 7, 2022
2) Operator's Well Number
WEU-4115
3) API Well No.: 47 - 005 - 02513

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

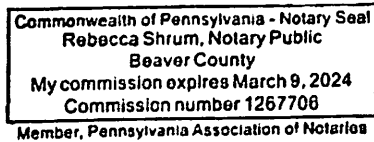
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>See Attached</u>	Name _____
Address _____	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
(c) Name _____	Address _____
Address _____	Name _____
(c) Name _____	Address _____
Address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

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 *[Signature]*
 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
[Signature] 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.

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 Deleware Ave
Kenner, LA 70065

4709502513P

7019 1640 0000 6625 6041

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OFFICIAL USE

Certified Mail Fee	\$ 3.75
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 3.05
<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

City, State, ZIP+4®
69-08 WEU4 - NOTIFICATIONS

PS Form 3800, Apr 2012

7019 1640 0000 6625 6050

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OFFICIAL USE

Certified Mail Fee	\$ 3.75
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 3.03
<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

City, State, ZIP+4®
69-08 WEU4 - NOTIFICATIONS

PS Form 3800, Apr 2012

7019 1640 0000 6625 6065

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OFFICIAL USE

Certified Mail Fee	\$ 3.75
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 3.03
<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

City, State, ZIP+4®
69-08 WEU4 - NOTIFICATIONS

PS Form 3800, Apr 2012

7019 1640 0000 6625 6072

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OFFICIAL USE

Certified Mail Fee	\$ 3.75
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 3.03
<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	\$ 9.23
Total Postage and Fees	\$ 16.05

Sent To
ROSEMARY BRANDON
3013 DELEWARE AVE
KENNER, LA 70065

City, State, ZIP+4®
69-08 WEU4 - NOTIFICATIONS

PS Form 3800, Apr 2012

SURFACE OWNER WAIVER

4709502513P

Operator's Well
Number

WEU4H15

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

4709502513 P

WW-4B

API No.	<u>47-095-02513</u>
Farm Name	<u>WEU4</u>
Well No.	<u>WEU4H15</u>

**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

4709502513P

WW-9
(5/16)

API Number 47 - 005 02513
Operator's Well No. WFL4H15

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 306506

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.**

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 Spino

Company Official Title Manager - Subsurface Permitting

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

[Signature]

Notary Public

My commission expires March 9, 2024

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

04/15/2022

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

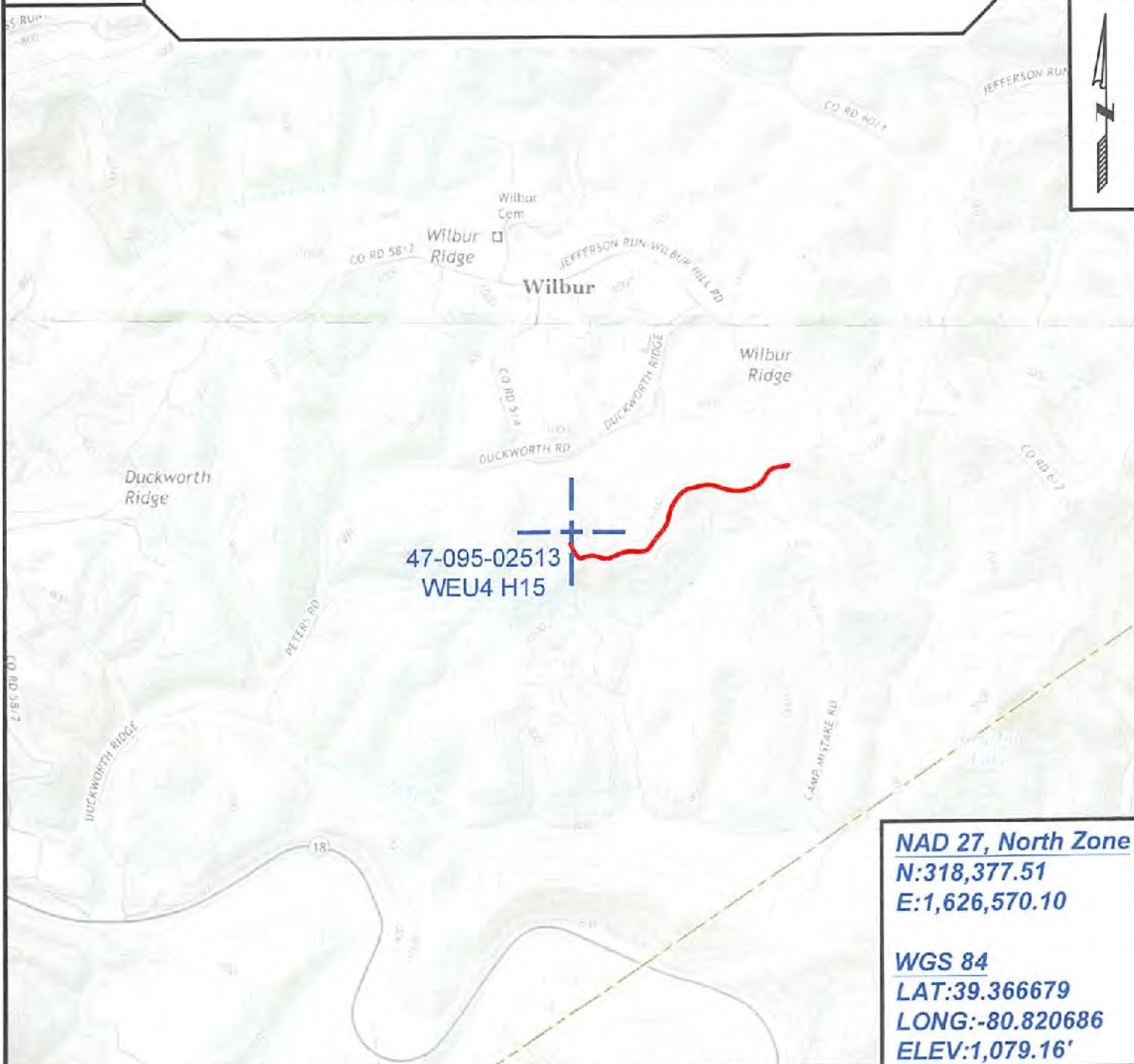
Date: November 08, 2021

District: Centerville

Project No: 69-54-00-08

47-095-02513 WEU4 H15

Topo



NAD 27, North Zone
N:318,377.51
E:1,626,570.10

WGS 84
LAT:39.366679
LONG:-80.820686
ELEV:1,079.16'



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 H15
WEU4 H15 47-095-02513



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

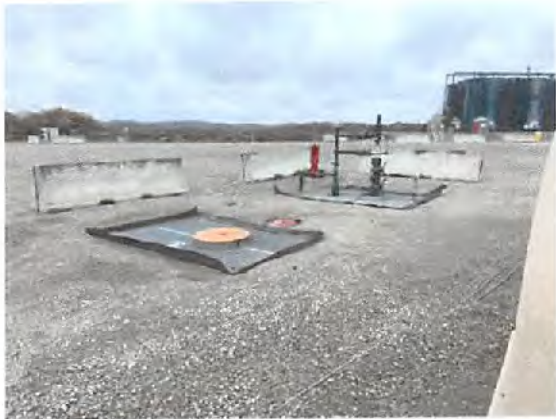
172 Thompson Drive
Bridgeport, WV 26330

phone: 304-848-5035 fax: 304-848-5037

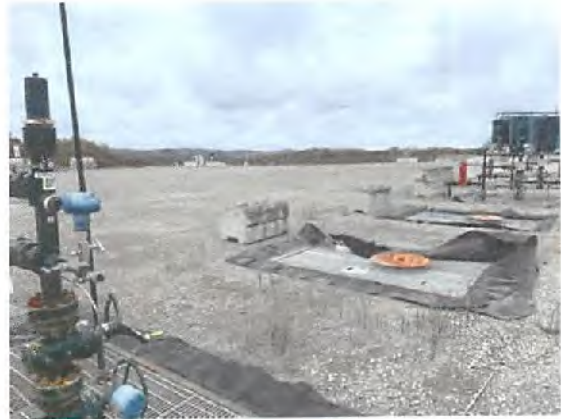
CHARLESTON OFFICE

301 RHJ. 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
WEU4H15
EQT PRODUCTION COMPANY**

BOTTOM HOLE LATITUDE 39°25'00"

8,959'
8,974'

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

NAD27 S.P.C.(FT)	N 318,378.30	E 1,626,569.47
NAD27 GEO.	LAT. (N) 39.366599	LONG. (W) 80.820860
NAD83 UTM (M)	N 4,357,484.16	E 515,448.48
LANDING POINT		
NAD27 S.P.C.(FT)	N 319,195.37	E 1,626,648.47
NAD27 GEO.	LAT. (N) 39.366879	LONG. (W) 80.813546
NAD83 UTM (M)	N 4,357,716.25	E 516,076.13
BOTTOM HOLE		
NAD27 S.P.C.(FT)	N 325,173.48	E 1,625,947.47
NAD27 GEO.	LAT. (N) 39.385229	LONG. (W) 80.823414
NAD83 UTM (M)	N 4,359,551.17	E 515,222.44

WELL TIES

LINE	BEARING	DISTANCE
L1	N 88°23' E	1377.09'
L2	S 33°28' E	690.28'

BUILD OUT DATA

LINE	BEARING	DISTANCE
L3	S 87°54' E	1902.88'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	330.42'	251.34'	N 52°34'00" E	307.14'
C2	509.80'	723.98'	N 05°02'44" W	499.33'

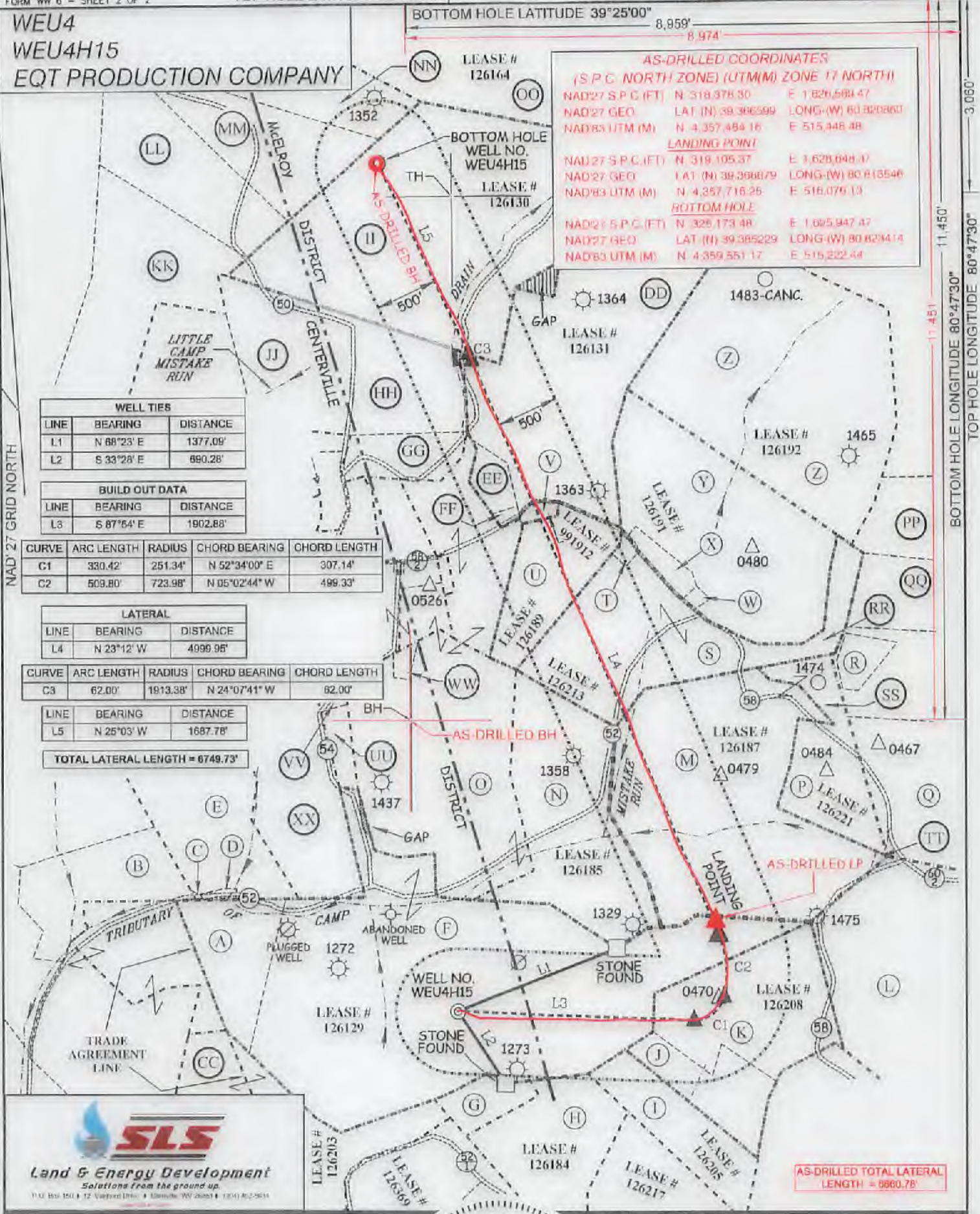
LATERAL

LINE	BEARING	DISTANCE
L4	N 23°12' W	4999.96'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C3	62.00'	1913.38'	N 24°07'41" W	62.00'

LINE	BEARING	DISTANCE
L5	N 25°03' W	1687.78'

TOTAL LATERAL LENGTH = 6749.73'



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 AUGUST 2, 20 19

REVISED JANUARY 27, 20 22

OPERATORS WELL NO. WEU4H15

API WELL NO. 47 - 095 - 02513

NO STATE COUNTY PERMIT

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

NAD27 S.P.C.(FT)	N 318,378.30	E 1,626,569.47
NAD27 GEO.	LAT. (N) 39.366599	LONG. (W) 80.820860
NAD83 UTM (M)	N 4,357,484.16	E 515,448.48
LANDING POINT		
NAD27 S.P.C.(FT)	N 319,992.92	E 1,626,671.08
NAD27 GEO.	LAT. (N) 39.368371	LONG. (W) 80.813460
NAD83 UTM (M)	N 4,357,882.08	E 516,063.62
BOTTOM HOLE		
NAD27 S.P.C.(FT)	N 325,174.16	E 1,625,961.52
NAD27 GEO.	LAT. (N) 39.385231	LONG. (W) 80.823365
NAD83 UTM (M)	N 4,359,551.44	E 515,226.72

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

LEGEND

COUNTY ROUTE	⊕	LEASE LINE	—
PROPOSED WELL	⊙	SURFACE LINE	- - - -
EXISTING WELL	⊗	PROPOSED WELL LATERAL	- - - -
PERMITTED WELL	⊘	AS-DRILLED WELL LATERAL	—
PLUGGED WELL	⊙	AS-DRILLED WELL LATERAL	—
STORAGE WELL	⊙	OFFSET LINE	- - - -
CENTERVILLE DIST. TAX MAP-PARCEL	C-00-00	TIE LINE	- - - -
McELROY DIST. TAX MAP-PARCEL	M-00-00	CREEK	—
		ROAD	—
		FENCE LINE	* * * *

WELL OPERATOR **EQT PRODUCTION COMPANY** DESIGNATED AGENT **JOSEPH C. MALLOW**

ADDRESS **400 WOODCLIFF DRIVE** ADDRESS **427 MIDSTATE DRIVE**

CANONSBURG, PA 15317 **CLARKSBURG, WV 26301**

3,060'
11,450'
11,451'
BOTTOM HOLE LONGITUDE 80°47'30"
TOP HOLE LONGITUDE 80°47'30"

04/15/2022

**WEU4
WEU4H15
EQT PRODUCTION COMPANY**

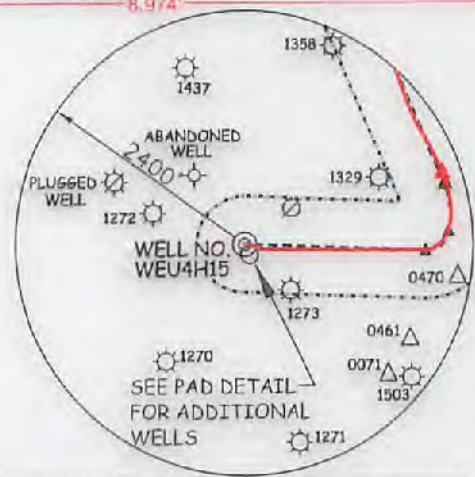
SURFACE OWNERSHIP

TAG	SURFACE OWNER	ACRES	T.M. - PAR
A	RICHARD H. METCALF	61.57 AC.±	TM C-16-17
B	JOHN R. ANDERS II	19.75 AC.±	TM C-16-21.1
C	JOHN R. ANDERS II	0.09 AC.±	TM C-16-14.2
D	RICHARD H. METCALF	0.61 AC.±	TM C-16-14.1
E	CONRAD COSTLOW	46.17 AC.±	TM C-16-14
F	DONNA J. PETER	113.4 AC.±	TM C-16-22
G	PAUL WEEKLY (LIFE)	5 AC.±	TM C-16-28
H	PAUL WEEKLY (LIFE)	18 AC.±	TM C-16-27
I	EDWARD, II & CAROLYN WHITE	16 AC.±	TM M-21-40
J	EDWARD, II & CAROLYN WHITE	12.50 AC.±	TM M-21-39
K	EDWARD, II & CAROLYN WHITE	40 AC.±	TM M-21-38
L	ASIA DELL CUMBERLEDGE	75.75 AC.±	TM M-21-32
M	BRUCE & SANDRA STONEKING (LIFE)	69.44 AC.±	TM M-21-28
N	BRUCE & SANDRA STONEKING (LIFE)	42.86 AC.±	TM M-21-29
O	CHASE E. & REBA J. BARTRUG	109.94 AC.±	TM C-16-10
P	GARY DAVENPORT	16 AC.±	TM M-21-25
Q	PEGGY A. WHITE	45.88 AC.±	TM C-16-23
R	ROGER FERGUSON	3.053 AC.±	TM M-21-17.1
S	BOBBY D. & RITA L. DOLL	49 AC.±	TM M-21-11
T	GAMALIEL REYES ET AL.	0.58 AC.±	TM M-21-10
U	PERRY L. HAUGHT JR.	16.21 AC.±	TM M-21-08
V	BILLY JOE DOLL	0.58 AC.±	TM M-21-9.1
W	LISTER RAY HAUGHT	0.25 AC.±	TM M-21-12
X	PERRY J. HAUGHT JR.	2.48 AC.±	TM M-21-13.1
Y	DONNIE & KIM WILMOTH	52.52 AC.±	TM M-21-13
Z	DONNIE & KIM WILMOTH	73.39 AC.±	TM M-21-14
AA	BARBARA WILLIER	5.90 AC.±	TM M-18-21
BB	BARBARA WILLIER	14 AC.±	TM M-18-22.1
CC	CHRIS BAUM ET AL.	56.84 AC.±	TM C-16-23
DD	DONNIE N. & KIM M. WILMOTH	63.29 AC.±	TM M-21-09
EE	TABITHA R. RIDLE	2.59 AC.±	TM M-21-9.2
FF	TABITHA R. RIDLE	0.88 AC.±	TM M-21-07
GG	CHRIS BAUM ET AL.	13 AC.±	TM M-21-03
HH	CHRIS BAUM ET AL.	14 AC.±	TM M-21-02
II	JAMES B. MEANS	90 AC.±	TM M-18-24
JJ	CHRIS BAUM ET AL.	24 AC.±	TM M-21-01
KK	WILLIAM N. & MARY C. DANIELS	45.86 AC.±	TM C-13-07
LL	PAUL DOLVIN	21.66 AC.±	TM C-13-05
MM	CHRIS BAUM ET AL.	22.31 AC.±	TM C-13-05
NN	CHRIS BAUM ET AL.	28 AC.±	TM C-13-51
OO	BRUCE B. SECKMAN	111.75 AC.±	TM M-18-23
PP	PAUL WEEKLY (LIFE)	36 AC.±	TM M-21-5
QQ	PAUL WEEKLY (LIFE)	36 AC.±	TM M-21-16
RR	DONNIE N. & KIM M. WILMOTH	7.50 AC.±	TM M-21-27
SS	PEGGY ANN WHITE	5 AC.±	TM M-21-26
TT	TRUSTEES OF FAIRVIEW CHURCH	1 AC.±	TM M-21-24
UU	MARK A. & JOEL A. PROSSER	2.50 AC.±	TM C-16-15
VV	MARK A. & JOEL A. PROSSER	0.50 AC.±	TM C-16-12
WW	BOBBY D. DOLL ET AL.	1 AC.±	TM M-21-31
XX	JEFFREY E. & ANITA L. HOOVER	24.84 AC.±	TM C-16-16

TH

AS-DRILLED BH

BH



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

NAD27 S.P.C.(FT)	N. 318,378.30	E. 1,626,589.47
NAD27 GEO.	LAT.(N) 39.368599	LONG.(W) 80.820880
NAD83 UTM (M)	N. 4,357,484.16	E. 515,448.48

LANDING POINT

NAD27 S.P.C.(FT)	N. 318,992.92	E. 1,626,671.08
NAD27 GEO.	LAT.(N) 39.368371	LONG.(W) 80.813460
NAD83 UTM (M)	N. 4,357,682.09	E. 516,083.62

BOTTOM HOLE

NAD27 S.P.C.(FT)	N. 325,174.16	E. 1,625,961.52
NAD27 GEO.	LAT.(N) 39.385231	LONG.(W) 80.823365
NAD83 UTM (M)	N. 4,359,551.44	E. 515,226.72

AS-DRILLED COORDINATES

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

NAD27 S.P.C.(FT)	N. 315,378.30	E. 1,626,589.47
NAD27 GEO.	LAT.(N) 39.368599	LONG.(W) 80.820880
NAD83 UTM (M)	N. 4,357,484.16	E. 515,448.48

LANDING POINT

NAD27 S.P.C.(FT)	N. 319,195.37	E. 1,628,648.37
NAD27 GEO.	LAT.(N) 39.368679	LONG.(W) 80.813545
NAD83 UTM (M)	N. 4,357,718.25	E. 516,078.13

BOTTOM HOLE

NAD27 S.P.C.(FT)	N. 325,173.48	E. 1,625,947.47
NAD27 GEO.	LAT.(N) 39.385229	LONG.(W) 80.823414
NAD83 UTM (M)	N. 4,359,551.17	E. 515,222.44

ROYALTY OWNERS

ROXIE DAVIS ET AL.	53 AC.±	LEASE NO. 128208
JERRY RAY BROWN ET AL.	55 AC.±	LEASE NO. 126187
BRC APPALACHIAN MINERALS, LLC ET AL.	55 AC.±	LEASE NO. 126213
PERRY J. HAUGHT JR.	16 AC.±	LEASE NO. 126189
BILLY JO DOLL	0.58 AC.±	LEASE NO. 991912
CNX GAS COMPANY	66 AC.±	LEASE NO. 126131
GEORGE BIRKLEIN ET AL.	90 AC.±	LEASE NO. 126130



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 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE (SHEET 1) AND TOPO MARK SCALE ARE 1" = 2000'.
- AS-DRILLED INFORMATION PROVIDED BY EQT.
- REVISED FOR OPERATOR ADDRESS CHANGE AND CHANGE TO AGENT NAME/ADDRESS.

SLS
Land & Energy Development
Solutions from the ground up.
P.O. Box 190 • 12 Vandoren Drive • Stearns, WV 26101 • (304) 862-0634

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.
DATE AUGUST 2, 20 19
REVISED JANUARY 27, 20 22
OPERATORS WELL NO. WEU4H15
API WELL NO. 47 - 095 - 02513
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 7701PWU4H15 AD.dwg (516601)
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE SEE NOTE 2

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

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

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 & GAS CO. INC. ET AL ACREAGE 152±
PROPOSED WORK: LEASE NO. 126129
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE 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 6,680'

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

04/15/2022

4709502513F



EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

CERTIFIED MAIL

Dear Sir or Madam:

Re: Proposed WEU4H15 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)

RECEIVED
Office of Oil and Gas

FEB 14 2022

WV Department of
Environmental Protection

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 contact our Owner Relations Hotline at 844-EQT-LAND or OwnerRelations@EQT.com.

Sincerely,
EQT PRODUCTION COMPANY

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