

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

API 47 - 103 - 03509 County Wetzel District Proctor
Quad New Martinsville 7.5' Pad Name JEFFERSONS Field/Pool Name N/A
Farm name EDWARD H. & JOAN E. ESTEP Well Number Jeffersons N-7HU (L022033)
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 4,393,018.54 Easting 519,707.68
Landing Point of Curve Northing 4,392,997.79 Easting 519,451.96
Bottom Hole Northing 4,397,020.04 Easting 517,131.00

Elevation (ft) 1217' 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 Oil Based Mud 15.79 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 08/31/2022 Date drilling commenced 09/23/2022 Date drilling ceased 12/17/2024
Date completion activities began 03/18/2025 Date completion activities ceased 05/02/2025
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 754' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1639', 1696' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 491', 835', 925' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

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CASING STRINGS	Hole Size	Casing Size	Depth (GL)	New or Used	Grade wt/ft	Basket Depth(s) (GL)	Did cement circulate (Y/ N) * Provide details below*
Conductor	30"	26"	120'	NEW	A-500 118.8#	N/A	Y
Surface	26"	20"	1000'	NEW	J-55 106.5#	N/A	Y
Coal							
Intermediate 1	17-1/2"	13-3/8"	2488'	NEW	J-55 61#	N/A	Y
Intermediate 2	12-1/4"	9-5/8"	10370'	NEW	P-110 47#	N/A	Y
Intermediate 3							
Production	8-1/2"	5-1/2"	27065'	NEW	P-110 23#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production cmt has calculated TOC of 4405'GL, 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 (GL)	WOC (hrs)
Conductor	CLASS A	380	15.6	1.21	459	0	8+
Surface	CLASS A	1955	15.6	1.18	2306	0	8
Coal							
Intermediate 1	HALCEM	2475	15.6	1.18	2920	0	8
Intermediate 2	CLASS A	3338	14.5	1.37	4573	0	8
Intermediate 3							
Production	CLASS A	4080	17.5	1.32	5386	4405'	8+
Tubing							

Drillers TD (ft) 27,141'

Loggers TD (ft) N/A

Deepest formation penetrated POINT PLEASANT

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 2,437'

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 TRACK AND EVERY 500' TO SURFACE

INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE

PRODUCTION: ON SHOE TRACK AND EVERY OTHER JOINT TO 11,879' AND EVERY JOINT TO 4,889'

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

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PERFORATION RECORD

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

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DEPTHS

[illegible][illegible]

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Drilling Contractor Falcon (29)

Address 1120 US-119 City Indiana State PA Zip 15701

Logging Company Scientific Drilling International, Inc.

Address 124 Vista Drive City Charleroi State PA Zip 15022

Logging Company NZone Guidance

Address PO Box 1706 City Liberty Hill State TX Zip 78642

Logging Company Gyrodata

Address 73 Noblestown Road City Carnegie State PA Zip 15106

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Well # JEFFERSONS N-7HU (L022033) Final Formations API# 47-103-03509				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	-27	-27	491	491
Washington Coal	491	491	493	493
Sand/Shale	493	493	835	835
Sewickley Coal	835	835	837	837
Sand/Shale	837	837	925	925
Pittsburgh Coal	925	925	929	929
Sand/Shale	929	929	2,190	2,189
Big Lime	2,190	2,189	2,281	2,280
Big Injun	2,281	2,280	2,434	2,433
Sand/Shale	2,434	2,433	2,532	2,531
Weir	2,532	2,531	3,034	3,030
Gordon	3,034	3,030	3,094	3,090
Fifty Foot	3,094	3,090	3,215	3,210
Bayard	3,215	3,210	5,434	5,415
Alexander	5,434	5,415	5,875	5,854
Elks	5,875	5,854	6,379	6,357
Sonyea	6,379	6,357	6,471	6,449
Middlesex	6,471	6,449	6,495	6,473
Genesee	6,495	6,473	6,556	6,534
Geneseo	6,556	6,534	6,574	6,552
Tully	6,574	6,552	6,606	6,584
Hamilton	6,606	6,584	6,651	6,629
Marcellus	6,651	6,629	6,704	6,682
Onondaga	6,704	6,682	6,864	6,842
Needmore	6,864	6,842	6,937	6,914
Oriskany	6,937	6,914	7,012	6,989
Helderberg	7,012	6,989	7,219	7,195
Keyser	7,219	7,195	7,316	7,292
Bass Island	7,316	7,292	7,404	7,380
Salina	7,404	7,380	7,627	7,601
-Top Salt	7,627	7,601	8,265	8,236
-Base Salt	8,265	8,236	8,453	8,423
Lockport	8,453	8,423	8,821	8,790
Rose Hill	8,821	8,790	9,192	9,160
Packer Shell	9,192	9,160	9,301	9,268
Clinton	9,301	9,268	9,406	9,373
Queenston	9,406	9,373	10,181	10,143
Reedsville	10,181	10,143	11,408	11,306
Utica	11,408	11,306	11,627	11,420
Point Pleasant	11,627	11,420	27,141	11,473

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Perforation Data

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Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	03/19/2025	26967	26790	48	Utica
3	03/19/2025	26766	26589	48	Utica
4	03/20/2025	26565	26388	48	Utica
5	03/20/2025	26364	26187	48	Utica
6	03/20/2025	26163	25986	48	Utica
7	03/21/2025	25961	25784	48	Utica
8	03/21/2025	25760	25583	48	Utica
9	03/21/2025	25559	25382	48	Utica
10	03/22/2025	25358	25181	48	Utica
11	03/22/2025	25157	24980	48	Utica
12	03/22/2025	24955	24778	48	Utica
13	03/23/2025	24754	24577	48	Utica
14	03/23/2025	24553	24376	48	Utica
15	03/23/2025	24352	24175	48	Utica
16	03/24/2025	24151	23974	48	Utica
17	03/24/2025	23949	23772	48	Utica
18	03/24/2025	23748	23571	48	Utica
19	03/25/2025	23547	23370	48	Utica
20	03/25/2025	23346	23169	48	Utica
21	03/25/2025	23145	22968	48	Utica
22	03/26/2025	22943	22766	48	Utica
23	03/26/2025	22742	22565	48	Utica
24	03/26/2025	22541	22364	48	Utica
25	03/27/2025	22340	22163	48	Utica
26	03/27/2025	22139	21962	48	Utica
27	03/27/2025	21937	21760	48	Utica
28	03/28/2025	21736	21559	48	Utica
29	03/28/2025	21535	21358	48	Utica
30	03/28/2025	21334	21157	48	Utica
31	03/29/2025	21133	20956	48	Utica
32	03/29/2025	20931	20754	48	Utica
33	03/30/2025	20730	20553	48	Utica
34	03/30/2025	20529	20352	48	Utica
35	03/30/2025	20328	20151	48	Utica
36	03/31/2025	20127	19950	48	Utica
37	03/31/2025	19925	19748	48	Utica
38	03/31/2025	19724	19547	48	Utica
39	04/01/2025	19523	19346	48	Utica
40	04/01/2025	19322	19145	48	Utica
41	04/01/2025	19121	18944	48	Utica
42	04/02/2025	18919	18742	48	Utica

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43	04/02/2025	18718	18541	48	Utica
44	04/02/2025	18517	18340	48	Utica
45	04/03/2025	18316	18139	48	Utica
46	04/03/2025	18115	17938	48	Utica
47	04/04/2025	17913	17736	48	Utica
48	04/04/2025	17712	17535	48	Utica
49	04/05/2025	17511	17334	48	Utica
50	04/05/2025	17310	17133	48	Utica
51	04/05/2025	17109	16932	48	Utica
52	04/06/2025	16907	16730	48	Utica
53	04/06/2025	16706	16529	48	Utica
54	04/06/2025	16505	16328	48	Utica
55	04/07/2025	16304	16127	48	Utica
56	04/07/2025	16103	15926	48	Utica
57	04/07/2025	15901	15724	48	Utica
58	04/07/2025	15700	15523	48	Utica
59	04/08/2025	15499	15322	48	Utica
60	04/08/2025	15298	15121	48	Utica
61	04/08/2025	15097	14920	48	Utica
62	04/09/2025	14895	14718	48	Utica
63	04/09/2025	14694	14517	48	Utica
64	04/09/2025	14493	14316	48	Utica
65	04/10/2025	14292	14115	48	Utica
66	04/10/2025	14091	13914	48	Utica
67	04/10/2025	13889	13712	48	Utica
68	04/10/2025	13688	13511	48	Utica
69	04/11/2025	13487	13310	48	Utica
70	04/11/2025	13286	13109	48	Utica
71	04/11/2025	13085	12908	48	Utica
72	04/12/2025	12883	12706	48	Utica
73	04/12/2025	12682	12505	48	Utica
74	04/12/2025	12481	12304	48	Utica
75	04/13/2025	12280	12103	48	Utica
76	04/13/2025	12079	11902	48	Utica
77	04/13/2025	11877	11700	48	Utica

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Stimulation Data

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Stage #	Stimulation 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)
1	03/19/2025	65	11690	9543	6823	249960.0	6865.000	
2	03/19/2025	89	11942	7997	6905	500094.0	10258.000	
3	03/20/2025	88	11939	9233	7317	500022.0	10232.000	
4	03/20/2025	84	11901	9399	7441	500040.0	10193.000	
5	03/20/2025	88	11950	8787	7719	499986.0	10113.000	
6	03/21/2025	88	11890	8768	7682	500050.0	10168.000	
7	03/21/2025	88	11907	7658	6935	500075.0	10969.000	
8	03/21/2025	89	11940	7175	7541	500070.0	10116.000	
9	03/22/2025	89	11945	7140	7616	500126.0	10132.000	
10	03/22/2025	89	11912	7541	7310	499951.0	10125.000	
11	03/22/2025	91	11944	8431	7245	500021.0	10094.000	
12	03/23/2025	90	11934	7092	7444	500036.0	10137.000	
13	03/23/2025	90	11919	9550	7288	500581.0	10110.000	
14	03/23/2025	90	11942	7162	7165	500070.0	10067.000	
15	03/24/2025	88	11933	8177	7478	499962.0	10104.000	
16	03/24/2025	89	11926	7765	7533	499948.0	10063.000	
17	03/24/2025	90	11938	8466	7746	501405.0	10089.001	
18	03/25/2025	90	11937	9454	7588	500000.0	10105.000	
19	03/25/2025	87	11879	8125	7635	499998.0	10096.000	
20	03/25/2025	90	11952	8500	7618	499982.0	10077.000	
21	03/26/2025	89	11957	8130	8783	499998.0	10066.000	
22	03/26/2025	89	11905	10208	7781	500015.0	10077.000	
23	03/26/2025	88	11949	8032	7912	500032.0	10040.000	
24	03/27/2025	89	11950	10383	7547	500023.0	10059.000	
25	03/27/2025	88	11945	8131	8502	500270.0	10055.000	
26	03/27/2025	88	11956	9265	7712	500016.0	10006.000	
27	03/28/2025	89	11954	10232	9574	500090.0	10028.000	
28	03/28/2025	91	11931	9028	7739	500140.0	9994.000	
29	03/28/2025	92	11960	9680	7977	499899.0	9998.000	
30	03/29/2025	91	11946	8773	7893	499981.0	9980.000	
31	03/29/2025	89	11949	9558	7588	500042.0	9985.000	
32	03/30/2025	91	11958	7569	7708	500079.0	9973.000	
33	03/30/2025	88	11903	7960	7645	500127.0	9993.000	
34	03/30/2025	90	11951	8283	7640	500044.0	9948.001	
35	03/31/2025	97	11909	8277	7652	500081.0	10091.999	
36	03/31/2025	90	11944	7610	7678	499952.0	9951.000	
37	03/31/2025	91	11950	10135	7827	500252.0	9956.000	
38	04/01/2025	90	11961	8290	7581	499950.0	9943.000	
39	04/01/2025	93	11952	8499	7617	500021.0	9942.000	
40	04/01/2025	94	11907	7822	7898	500056.0	9923.000	
41	04/02/2025	92	11955	8303	7930	499993.0	9914.000	

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42	04/02/2025	92	11954	8493	7808	499982.0	9898.000
43	04/02/2025	92	11958	7816	7690	500081.0	9897.000
44	04/03/2025	93	11963	9135	7663	500050.0	9799.000
45	04/03/2025	93	11986	7550	7580	499969.9	9895.985
46	04/04/2025	92	11966	9116	7425	500072.0	9866.000
47	04/04/2025	91	11982	9220	7467	500008.0	9868.000
48	04/05/2025	90	11974	8653	7288	499993.0	9886.000
49	04/05/2025	94	11971	8754	7342	499982.0	9860.000
50	04/05/2025	95	11977	8218	7343	501004.0	9893.000
51	04/06/2025	94	11968	8745	7417	500048.0	9863.000
52	04/06/2025	92	11969	7820	7431	499998.0	9835.000
53	04/06/2025	91	11952	8713	7529	499945.0	9868.000
54	04/06/2025	100	11952	8198	7502	500701.0	9835.000
55	04/07/2025	99	11940	8070	7474	501323.0	9848.000
56	04/07/2025	100	11995	8865	8676	499935.0	9730.000
57	04/07/2025	100	11955	8095	7586	500173.0	6817.000
58	04/08/2025	100	11969	8287	8182	500030.0	9797.000
59	04/08/2025	100	11897	8783	7517	500134.0	9883.000
60	04/08/2025	100	11943	7909	8657	501004.0	9846.000
61	04/09/2025	100	11950	7835	7463	500039.0	9799.000
62	04/09/2025	100	11844	8430	7870	500011.0	9779.000
63	04/09/2025	99	11977	8178	7402	501303.0	9773.000
64	04/10/2025	100	11936	7845	7528	500079.0	9755.000
65	04/10/2025	100	11972	8181	7786	500215.0	9751.000
66	04/10/2025	99	11805	9272	7765	500015.0	9743.000
67	04/10/2025	100	11977	8257	7566	499916.0	9763.000
68	04/11/2025	100	11952	8439	7694	500121.0	9748.000
69	04/11/2025	99	11867	7919	7508	501306.0	9777.000
70	04/11/2025	100	11893	9004	7550	499972.0	9733.000
71	04/12/2025	99	11735	8913	7880	500050.0	9733.000
72	04/12/2025	100	11786	8739	7758	500074.0	9804.000
73	04/12/2025	100	11631	7494	7511	500029.0	9709.000
74	04/13/2025	100	11794	8221	7479	500063.0	9694.000
75	04/13/2025	100	11771	8429	7734	500089.0	9683.000
76	04/13/2025	99	11598	7685	7835	500031.0	9689.000
77	04/14/2025	100	11785	9157	7568	500096.0	9725.000

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	03/18/2025
Job End Date:	04/14/2025
State:	West Virginia
County:	Wetzel
API Number:	47-103-03509-00-00
Operator Name:	EQT Production
Well Name and Number:	Jeffersons N-7HU
Latitude:	39.686775
Longitude:	-80.770169
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	11501
Total Base Water Volume (gal)*:	31914917.4498369
Total Base Non Water Volume:	0



Water Source	Percent
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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	EQT	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	87.29359	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	12.54070	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.01386	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01386	None
Clearal 268	ChemStream	Biocide					
			Water	7732-18-5	80.00000	0.00886	None

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Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00224	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Water	7732-18-5	15.00000	0.00195	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Amine-00001	Proprietary	10.00000	0.00056	None
Clearal 268	ChemStream	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00055	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00022	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			AA/ATBS Co-polymer	9003-05-8	5.00000	0.00002	None
Clearal 268	ChemStream	Biocide					
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Ethanol	64-17-5	1.50000	0.00000	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			AA/Maleic Anhydride Co- polymer	9003-04-7	1.00000	0.00000	None

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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JEFFERSONS N-7HU

UTICA UNIT - 392.87298± ACRES

EQT PRODUCTION COMPANY

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N 4,393,018.54
E 519,707.68

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N 4,392,994.84
E 519,454.68

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N 4,397,022.02
E 517,133.63

LEGEND
--- AS DRILLED LEG
--- PROPOSED LEG

NOTES
1. BORE PATH BASED ON GRID NORTH.
2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 825' OF PAD CENTER WERE FOUND.
3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF WETZEL COUNTY, WV IN MARCH, 2024. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
4. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
5. ALL DEEP WELLS WITHIN 1,000' ARE SHOWN ON THIS PLAT.
6. BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0056304.0401147.
7. L.P. & LTP ARE THE SAME POINT.

INSET "B"



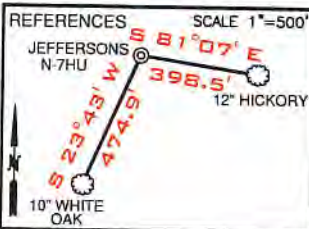
INSET "A"



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

DETAIL SKETCH "A" N.T.S.

(03573) JEFFERSONS N-11HU
(03512) JEFFERSONS N-10HU
(03509) JEFFERSONS N-7HU
(03511) JEFFERSONS N-8HU
(03510) JEFFERSONS N-8HU



LINE	BEARING	DISTANCE
L1	N 84° 05' E	876.39'
L2	S 33° 25' E	1081.63'
L3	N 78° 54' W	33.48'
L4	S 30° 53' W	363.40'
L5	N 31° 59' W	319.09'
L6	N 29° 59' W	187.24'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 28° 54' W	15.22'	9.07'	18.12'
C2	S 36° 09' W	46.22'	82.38'	47.43'
C3	S 33° 25' W	319.74'	520.18'	328.00'
C4	S 40° 23' W	51.84'	34.91'	76.88'
C5	N 35° 19' W	133.02'	69.63'	132.27'



LINE	BEARING	DISTANCE
L1	N 84° 05' E	876.39'
L2	S 33° 25' E	1081.63'
L3	N 78° 54' W	33.48'
L4	S 30° 53' W	363.40'
L5	N 31° 59' W	319.09'
L6	N 29° 59' W	187.24'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 28° 54' W	15.22'	9.07'	18.12'
C2	S 36° 09' W	46.22'	82.38'	47.43'
C3	S 33° 25' W	319.74'	520.18'	328.00'
C4	S 40° 23' W	51.84'	34.91'	76.88'
C5	N 35° 19' W	133.02'	69.63'	132.27'

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N 4,393,018.54
E 519,707.68

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N 4,392,997.79
E 519,451.96

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N 4,397,020.04
E 517,131.00

LEGEND
--- LEASE TRACTS
--- SURFACE TRACTS
--- WELL LATERAL
--- POINT PLEASANT LEGS
--- UNIT BOUNDARY
(A) LEASE # (SEE GAL FORM)
--- 400' BORE PATH OFFSET
--- 500' WELL BORE OFFSET
(O) (FTP) PROPOSED FIRST TAKE POINT
(O) (LTP) PROPOSED LAST TAKE POINT
--- FORCED POOL TRACT

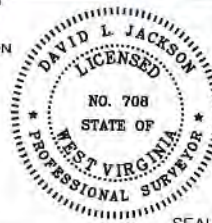
FILE NUMBER _____
DRAWING NUMBER: JEFFERSONS N-7HU_PLAN 1
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S.
708

David L Jackson

JACKSON SURVEYING INC.
P.O. Box 1460
Clarksburg, WV 26302
304-623-5851



WVDEP
OFFICE OF OIL & GAS
601 57TH STREET, SE
CHARLESTON, WV 25304

DATE: JANUARY 30, 2025

OPERATORS WELL NO. JEFFERSONS N-7HU

API WELL NO.

47-103-
STATE COUNTY

03509
PERMIT

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

LOCATION ELEVATION 1217.5' WATERSHED (HUC 10) FRENCH CREEK

DISTRICT PROCTOR

COUNTY WETZEL

QUADRANGLE NEW MARTINSVILLE 7.5'

LEASE NUMBER

SEE WW-6A1 FORM

SURFACE OWNER EDWARD H. & JOAN E. ESTEP

ACREAGE 92.302

OIL & GAS ROYALTY OWNER JESTADT HOLDINGS LLC

LEASE ACREAGE 92.302

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) ASDRILLED

TARGET FORMATION POINT PLEASANT

PLUG & ABANDON ___ CLEAN OUT & REPLUG ___

ESTIMATED DEPTH TVD: 11,501' TMD: 27,183'

WELL OPERATOR EQT PRODUCTION COMPANY

DESIGNATED AGENT JOSEPH C. MALLOW

ADDRESS 400 WOODCLIFF DRIVE
CANONSBURG, PA 15317

ADDRESS 427 MIDSTATE DRIVE
CLARKSBURG, WV 25301

09/12/2025

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JUN 30 2025

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Environmental Protection

JEFFERSONS N-7HU
UTICA UNIT - 392.87298± ACRES
EQT PRODUCTION COMPANY

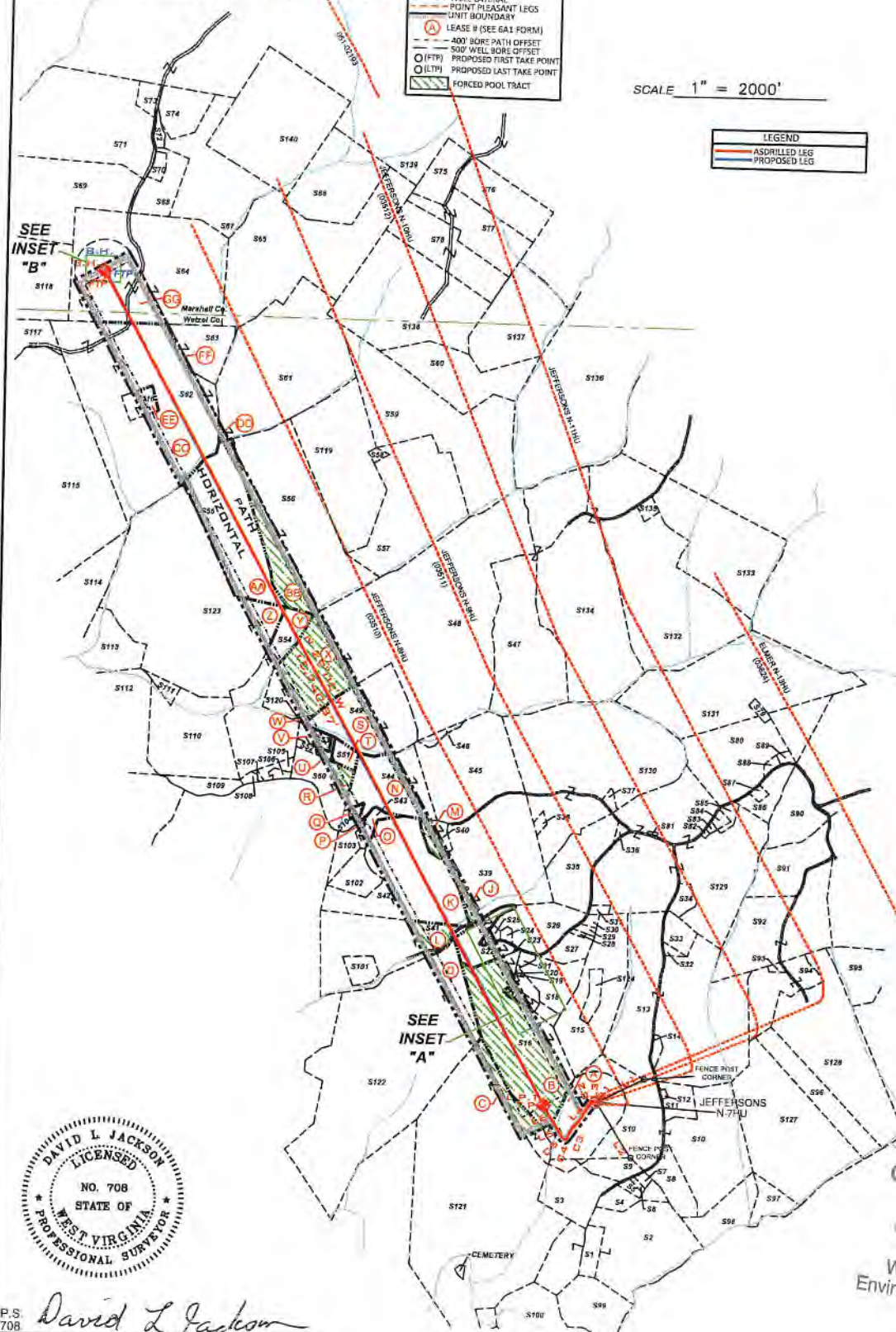
LEGEND

- LEASE TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- LEASE # (SEE GA1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- PROPOSED FIRST TAKE POINT
- PROPOSED LAST TAKE POINT
- FORCED POOL TRACT

SCALE 1" = 2000'

LEGEND

- ASDRILLED LEG
- PROPOSED LEG



DAVID L. JACKSON
LICENSED
NO. 708
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

P.S.
708

David L. Jackson

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JUN 30 2025
WV Department of
Environmental Protection



OPERATOR'S
WELL #: JEFFERSONS N-7HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV
API #: 47-103-03509

WELL PLAT
PAGE 2 OF 4
DATE: 01/30/2025

09/12/2025

form 7-06

JEFFERSONS N-7HU

UTICA UNIT - 392.87298± ACRES

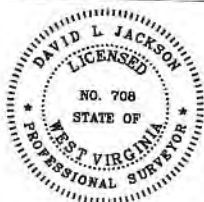
EQT PRODUCTION COMPANY

* FORCED POOLED TRACTS ARE HIGHLIGHTED

Tags	Number	Tax Map - Parcel	Parcels within Unit Boundary	Acres
			Surface Owner	
A	S10	12-7-27	Edward H. & Joan E. Estep	92.302
B	S16	12-7-26	EQT TGH Exploration II, LLC	59.89
C	S121	12-7-40	EQT TGH Exploration II, LLC	175.55
D	S123	12-7-24	Janet C. & Minerva R. Evans	164.2
E	S126	12-7-62	Colby Dean Sidenstricker	0.065
F	S17	12-7-23	Colby Dean Sidenstricker	2.01
G	S125	12-7-61	Colby Dean Sidenstricker	4.203
H	S22	12-7-15	Kevin S. & Melinda S. Goff	22.63
I	S25	12-7-15-3	Billy Sweeney	1.26
J	S39	12-7-4.1	Robert Joseph Coleman	55.81
K	S42	12-7-3	Matthew Rohr & Wayne Raber	52.828
L	S41	12-7-14	Matthew Rohr & Wayne Raber	32.74
M	S40	12-7-59	Tanner Kelley	5
N	S44	12-7-3.2	Eva M. Naegele	28.47
O	S43	12-7-3.3	Robert Joseph Coleman	3.33
P	S103	12-7-3.5	Robert Joseph Coleman	5.422
Q	S104	12-7-3.1	Jeff L. Evans & Mark K. Mason, Jr.	3.192
R	S50	12-7-2	Jeremy W. & Shannon E. Heddergott	19.8
S	S49	12-2-16	Laura Lee Cook	33
T	S31	12-2-15.1	Vivian A. Parsons, Et Al	5
U	S52	12-2-15.2	Charles Phillip Parsons	2
V	S53	12-2-15	Charles Phillip Parsons	3
W	S120		Midway School	
X	S48	12-2-8	Laura Lee Richards Cook	185.125
Y	S54	12-2-7	John D. Annah	44.5
Z	S123	12-1-20	Charles E. Frohnafel, Trustee of the Charles E. Frohnafel Living Trust Dated October 3, 2017	126
AA	S55	12-2-1	James Calvin Benefield, III	48
BB	S56	12-2-2	Ruby Wood, Et Al	82
CC	S62	12-01-40	Mark W. Booth, Maggie Ann Rockwell & George E. Booth, Jr.	117
DD	S61	05-26-16	Heartwood Forestland Fund VII LP	82.5
EE	S116	12-1-41	Mark W. Booth, Maggie Ann Rockwell & George E. Booth, Jr.	5
FF	S63	12-2-24	Maggie Ann Rockwell, Mark W. Booth & George E. Booth, Jr.	13.1
GG	S64	05-26-18	Eric Jay Booth	54

Number	Tax Map - Parcel	Adjoining Parcels Ownership Table	Acres
S1	12-7-44.1	James Foster	5.054
S2	12-7-44	Chad J. & Velisia L. Shepherd	15.05
S3	12-7-42.4	Steven Mark Cecil, et al, Peggy Lou & Albert Cecil - Jt	17.333
S4	12-7-42.5	James D. Furbee, II	6.43
S5	12-7-42.2	Azril Huhary	6.5
S6	12-7-42.3	James D. Furbee, II	0.528
S7	12-7-42.1	James D. Furbee, II	1.23
S8	12-7-27.3	Douglas J. & Patricia A. Pitts	10.73
S9	12-7-42	James D. Furbee, I	6.5
S11	12-7-27.1	Edward H. & Joan E. Estep	6.718
S12	12-7-43	Furbee Cemetery	1.11
S13	12-7-20	Jeffrey A. & Paula J. Gorbey	104.72
S14	12-7-28	Palmer Cemetery	0.98
S15	12-7-10	Jeffery S. Underwood & Velvet K. Parks	41.4
S18	12-7-17	Jeffery S. Underwood & Velvet K. Parks	13.43
S19	12-7-17.2	EQT TGH Exploration II, LLC	0.15
S20	12-7-17.1	EQT TGH Exploration II, LLC	0.067
S21	12-7-15.7	Grant & Jennifer Throckmorton	1.1
S23	12-7-15.7	EQT TGH Exploration II, LLC	0.68
S24	12-7-15.2	Billy Sweeney	1.8
S26	12-7-15.1	Billy Sweeney	10.72
S27	12-7-15.6	Jeffery S. Underwood & Velvet K. Parks	5.921
S28	12-7-15.5	Jimmy L. & Sharon Sue Colvin	0.46
S29	12-7-15.4	Jimmy L. & Sharon Sue Colvin	0.97
S30	12-7-18	Cynthia Anne Parks Church	1
S31	12-7-7.6	Mary Ellen Stillwater	1.55
S32	12-7-20.2	Peter R. Tamborello & Annis E. Ponikvar	0.9
S33	12-7-20.1	Peter R. Tamborello & Annis E. Ponikvar	5.18
S34	12-7-7.4	Charles Lee & Betty J. Huggins	4
S35	12-7-5	Matthew D. Amick	20.37

Number	Tax Map - Parcel	Adjoining Parcels Ownership Table	Acres
S36	12-7-6	Stacy E. Briner	0.25
S37	12-7-5.1	Joan E. Filer	1.25
S38	12-7-5.2	Robert J. & Sara L. Eller	1.075
S45	12-7-4	Robbie G. Eller	46.7
S46	12-7-8.1	Friend W. Parsons	0.5
S47	12-7-3	Laura Richards Cook	77
S57	12-2-4	Edith Salem & Lisa G. Larson	56.76
S58	12-7-4.1	Tyrone Sulzbach & Richard Wall	1
S59	12-2-5	Clifford W. & Alberta B. Johnson	75.36
S60	12-2-6	Clifford W. & Alberta B. Johnson	36
S65	05-26-17	Heartwood Forestland Fund VII LP	82.54
S66	05-26-6	Heartwood Forestland Fund VII LP	36.17
S67	05-26-4.4	Otis F. & Glenita M. Rush	39.436
S68	05-26-4.1	Otis S. Rush, Et Al	12.188
S69	05-26-19	Lois E. Booth & Eric Jay Booth	50
S70	05-26-4.3	Crystal & Randolph F. Matask	7.253
S71	05-26-4.5	Eric Jay Booth	74.388
S72	05-26-4.2	Otis S. Rush, et al	1.58
S73	05-26-4	James R. & Melody A. Andersen	3.887
S74	05-26-4.1	Otis F. Rush Jr	12.268
S75	05-26-23	Richard Joseph Otte	11.34
S76	05-26-8	Oliver Family Trust	21.75
S77	05-26-10	Oliver Family Trust	24.94
S78	05-26-14	Oliver Family Trust	27.56
S79	12-2-25	Michael K. & Rosetta A. Cozart	1.265
S80	12-2-20	Michael K. & Rosetta A. Cozart	34.063
S81	12-7-7.7	Robert C. Francis, II	0.17
S82	12-7-7.3	Robert N. Edwards	0.24
S83	12-7-7.2	Robert N. Edwards	0.412
S84	12-7-7.1	Mark E. Eller	1.41
S85	12-7-7.5	Mark E. Eller	1.04
S86	12-7-8.1	Brian & Christine L. Nice	7.628
S87	12-7-8	Mark E. Eller	1.012
S88	12-7-20.1	Michael K. & Rosetta A. Cozart	1
S89	12-2-20.2	Michael K. Cozart	1.025
S90	12-7-9.1	James T. Eddy	17.47
S91	12-7-9	Michael J. & Alena R. Fayad	22.526
S92	12-7-21	Alena R. & Michael J. Fayad, III	58
S93	12-7-31.1	Michael J. Fayad III & Alena R. Fayad	0.808
S94	12-7-60	Michael J. Fayad III & Alena R. Fayad	8.203
S95	12-7-32.1	Charles & Judith Rose - Jt, Charles D. Rose, Jr. Et Al	28
S96	12-7-30	William C. Cross Jr. Irrev. Trust	19.75
S97	12-7-46	William C. Cross Jr. Irrev. Trust	9.53
S98	12-7-45	William C. Cross Jr. Irrev. Trust	17.24
S99	12-7-48.2	Danny E. & Jill L. McKinney	19.46
S100	12-7-19	Bickey A. Farley	17.175
S101	12-7-14.1	W VA Dept of Highways	3.49
S102	12-7-14	Oru W. Bills	8.253
S105	12-7-57	John D. Annah	2.31
S106	12-7-58	John D. Annah	1.03
S107	12-7-56	Stania K. Richmond	0.3
S108	12-7-1	Tammara & William J. Weber	1
S109	12-6-52	John D. Annah	6.46
S110	12-1-34	John D. Annah	38
S111	12-1-19	Steven Jack & Susan Hafer	36.5
S112	12-1-32	Baxter Farm, LLC	78.74
S113	12-1-31	Steven Jack & Susan Hafer	20
S114	12-1-19	Steven J. & Susan L. Hafer	36.5
S115	12-1-18	Benjamin J. Kocher	168.67
S117	12-1-8.1	Robert F. Rothlisberger	50.33
S118	05-27-24	Robert F. Rothlisberger	50.1
S119	12-02-03	Nelson M. & Mary D. Miller	51.72
S124	12-7-19.1	Grant & Jennifer Throckmorton	356
S127	12-7-28	William C. Cross Jr. Irrev. Trust	171
S128	12-7-31	William C. Cross Jr. Irrev. Trust	72.57
S129	12-7-7	EQT TGH Exploration II, LLC	117.27
S130	12-2-17	Randy F. Eller	97.75
S131	12-2-18	Michael K. & Rosetta A. Cozart	85.0513
S132	12-2-11	Beryl E. Mason	58.5
S133	12-2-12	Beryl E. Mason	59.8
S134	12-2-10	Laura Richards Cook	85
S135	12-2-11.1	Beryl E. Mason	1.7
S136	5-26-12	Marjorie Ann Stoneking - Jt	153.389
S137	5-26-13	Marjorie Ann Stoneking - Jt	40
S138	5-26-15	Oliver Family Trust	69
S139	5-26-7	Eastern Gas Transmission and Storage, Inc.	71
S140	5-26-5	Michael L. & Barbara L. Wiley & Michelle L. Baker	65

P.S.
708

David L Jackson



OPERATOR'S
WELL #: JEFFERSONS N-7HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV
API #: 47-103-03509

WELL PLAT
PAGE 3 OF 4
DATE: 01/30/2025

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form 996

JEFFERSONS N-7HU

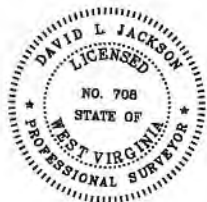
UTICA UNIT - 392.87298± ACRES

EQT PRODUCTION COMPANY

JEFFERSONS N-7HU			
TAG	LEASE ID	TMP	GRANTOR, LESSOR, ETC.
A	242376002	12-7-27	Edward H. Estep and Joan Estep, husband and wife
B	242377002	12-7-26	Venable Royalty, Ltd. And V2, LP, et al.
C	242377002	12-7-40	Venable Royalty, Ltd. And V2, LP, et al.
D	244506003	12-7-24	Hammel Land & Minerals, LLC, et al.
E	242377002	12-7-42	Venable Royalty, Ltd. And V2, LP, et al.
F	239208000	12-7-26.1	Jeffrey L. Mead, a single man, et al.
G	242377002	12-7-61	Venable Royalty, Ltd. And V2, LP, et al.
H	240516000	12-7-15	Venable Royalty, Ltd. And V2, LP, et al.
I	238803000	12-7-15.3	Red Energy Company, Inc.
J	240524000	12-7-4.1	Philip H. Estep, a married man dealing in his sole and separate property
K	240576000	12-7-3	R. Shane Goddard and Kathryn Goddard, husband and wife, et al.
L	242383017	12-7-14	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
M	216529001	12-7-59	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
N	240576000	12-7-3.2	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
Q	240576000	12-7-3.3	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
P	239703000	12-7-2.5	Robert Joseph Coleman, a single man, et al.
Q	240576000	12-7-3.1	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
R	116746008	12-7-2	R. Shane Goddard and Kathryn Goddard, husband and wife, et al.
S	239303000	12-2-18	Herbert L. Miller, aka Herbert Miller and Brenda S. Miller, husband and wife
T	242325004	12-2-15.1	Hammel Land & Minerals, LLC, et al.
U	242326004	12-2-15.2	Hammel Land & Minerals, LLC, et al.
V	242328001	12-2-15	Charles Philip Parsons, a single man, et al.
W	N/A	Midcap School	Unknown & Undecidable
X	242406002	12-2-8	Hammel Land & Minerals, LLC, et al.
Y	238956000	12-2-7	Beth Lou Goudy, a widow
Z	216526001	12-1-20	Shiben Estates, Inc., et al.
AA	173515001	12-2-1	Patfinder Resources, LLC d/b/a Recon Patfinder, LLC, et al.
BB	189408001	12-2-2	Chesapeake Appalachia, LLC, et al.
CC	242267004	12-1-40	Mark W. Booth, a married man dealing in his sole and separate property, et al.
DD	241887002	5-26-16	Venable Royalty, Ltd. And V14, LP, et al.
EE	242267004	12-1-41	Mark W. Booth, a married man dealing in his sole and separate property, et al.
FF	242267004	12-2-24	Mark W. Booth, a married man dealing in his sole and separate property, et al.
GG	241895003	5-26-18	Eric Jay Booth, a married man dealing in his sole and separate property, et al.

JEFFERSONS N 7HU			
TAG	LEASE ID	TMP	GRANTOR, LESSOR, ETC.
A	242376002	12-7-27	Edward H. Estep and Joan Estep, husband and wife
B	242377002	12-7-26	Venable Royalty, Ltd. And V2, LP, et al.
F	239208000	12-7-26.1	Jeffrey L. Mead, a single man, et al.
G	242377002	12-7-61	Venable Royalty, Ltd. And V2, LP, et al.
H	240516000	12-7-15	Venable Royalty, Ltd. And V2, LP, et al.
K	240576000	12-7-3	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
L	242383017	12-7-14	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
N	240576000	12-7-3.2	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
Q	240576000	12-7-3.3	Matthew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.
S	239303000	12-2-18	Herbert L. Miller, aka Herbert Miller and Brenda S. Miller, husband and wife
X	242406002	12-2-8	Hammel Land & Minerals, LLC, et al.
Y	238956000	12-2-7	Beth Lou Goudy, a widow
Z	216526001	12-1-20	Shiben Estates, Inc., et al.
AA	173515001	12-2-1	Patfinder Resources, LLC d/b/a Recon Patfinder, LLC, et al.
CC	242267004	12-1-40	Mark W. Booth, a married man dealing in his sole and separate property, et al.
GG	241895003	5-26-18	Eric Jay Booth, a married man dealing in his sole and separate property, et al.

* FORCED POOLED TRACTS ARE HIGHLIGHTED

P.S.
708

David L Jackson



OPERATOR'S

WELL #: JEFFERSONS N-7HU

DISTRICT: Proctor

COUNTY: Wetzel

STATE: WV

API #: 47-103-03509

WELL PLAT

PAGE 4 OF 4

DATE: 01/30/2025

RECEIVED
Office of Oil and Gas
JUN 30 2025
WV Department of
Environmental Protection

09/12/2025

JEFFERSONS N-7HU
UTICA UNIT - 392.87298± ACRES
EQT PRODUCTION COMPANY**SURFACE HOLE**UTM. NAD83, ZONE 17
IN METERS**N) 4,393,018.54**
E) 519,707.68**LANDING POINT 1**UTM. NAD83, ZONE 17
IN METERS**N) 4,392,994.84**
E) 519,454.68**BOTTOM HOLE**UTM. NAD83, ZONE 17
IN METERS**N) 4,397,022.02**
E) 517,133.63**NOTES**

1. BORE PATH BASED ON GRID NORTH.
2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF WETZEL COUNTY, WV IN MARCH, 2024. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
4. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
5. ALL DEEP WELLS WITHIN 1,000' ARE SHOWN ON THIS PLAT.
6. BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0058304.0401147
7. L.P.1 & LTP ARE THE SAME POINT.

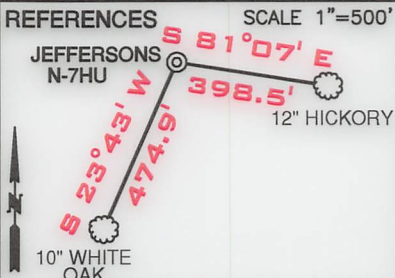
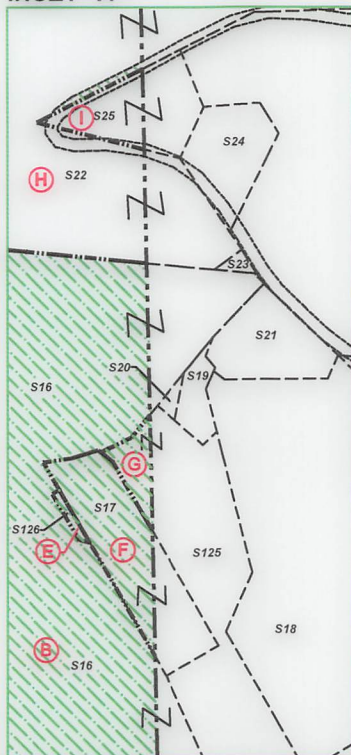
INSET "B"**LEGEND**

- ASDRILLED LEG
- PROPOSED LEG

(+) DENOTES LOCATION
ON UNITED STATES
TOPOGRAPHIC MAPS

**DETAIL
SKETCH "A"
N.T.S.**

JEFFERSONS N-11HU (03673)
JEFFERSONS N-10HU (03512)
JEFFERSONS N-7HU (03509)
JEFFERSONS N-9HU (03511)
JEFFERSONS N-8HU (03510)

**INSET "A"**

LINE	BEARING	DISTANCE
L1	N 84°05' E	876.39'
L2	S 33°25' E	1081.63'
L3	N 78°54' W	33.48'
L4	S 30°53' W	363.40'
L5	N 31°59' W	319.09'
L6	N 29°59' W	187.24'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 26°24' W	15.22'	9.01'	18.12'
C2	S 58°06' W	46.29'	62.36'	47.43'
C3	S 33°25' W	319.74'	520.18'	325.00'
C4	S 80°23' W	61.94'	34.51'	76.88'
C5	N 35°09' W	132.02'	622.63'	132.27'

SURFACE HOLEUTM. NAD83, ZONE 17
IN METERS**N) 4,393,018.54**
E) 519,707.68**LANDING POINT 1**UTM. NAD83, ZONE 17
IN METERS**N) 4,392,997.79**
E) 519,451.96**BOTTOM HOLE**UTM. NAD83, ZONE 17
IN METERS**N) 4,397,020.04**
E) 517,131.00**FILE NUMBER** _____
DRAWING NUMBER: _____

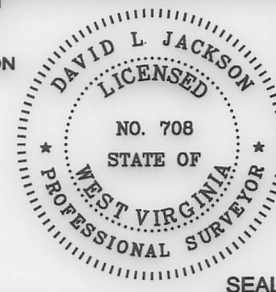
JEFFERSONS_N-7HU_PLAN1

SCALE 1" = 2000'**MINIMUM DEGREE
OF ACCURACY** 1/200**PROVEN SOURCE
OF ELEVATION** SUBMETER MAPPING
GRADE GPS**WVDEP
OFFICE OF OIL & GAS**
601 57TH STREET, SE
CHARLESTON, WV 25304

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 RULES ISSUED AND
PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S.
708*David L Jackson*

JACKSON SURVEYING INC.

P.O. Box 1480
Clarksburg, WV 26302
304-623-5851

SEAL

DATE: JANUARY 30, 2025**OPERATORS WELL NO.** JEFFERSONS N-7HU**API WELL NO.****47-103-03509****STATE** COUNTY**PERMIT****LOCATION ELEVATION** 1217.5' **WATERSHED (HUC 10)** FRENCH CREEK**DISTRICT** PROCTOR**COUNTY** WETZEL**QUADRANGLE** NEW MARTINSVILLE 7.5' **LEASE NUMBER** SEE WW-6A1 FORM**SURFACE OWNER** EDWARD H. & JOAN E. ESTEP**ACREAGE** 92.302**OIL & GAS ROYALTY OWNER** JESTADT HOLDINGS LLC**LEASE ACREAGE** 92.302**PROPOSED WORK:** DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION**PERFORATE NEW FORMATION** OTHER PHYSICAL CHANGE (SPECIFY) ASDRILLED**PLUG & ABANDON** CLEAN OUT & REPLUG**TARGET FORMATION** POINT PLEASANT**ESTIMATED DEPTH** TVD: 11,501' TMD: 27,169'**WELL OPERATOR** EQT PRODUCTION COMPANY**DESIGNATED AGENT** JOSEPH C. MALLOW**ADDRESS** 400 WOODCLIFF DRIVE
CANONSBURG, PA 15317**ADDRESS** 427 MIDSTATE DRIVE
CLARKSBURG, WV 25301

COUNTY NAME

PERMIT

09/12/2025

form ww6

JEFFERSONS N-7HU
UTICA UNIT - 392.87298± ACRES
EQT PRODUCTION COMPANY

LEGEND

LEASED TRACTS

SURFACE TRACTS

WELL LATERAL

POINT PLEASANT LEGS

UNIT BOUNDARY

(A)

LEASE # (SEE 6A1 FORM)

400' BORE PATH OFFSET

500' WELL BORE OFFSET

○ (FTP)

PROPOSED FIRST TAKE POINT

○ (LTP)

PROPOSED LAST TAKE POINT

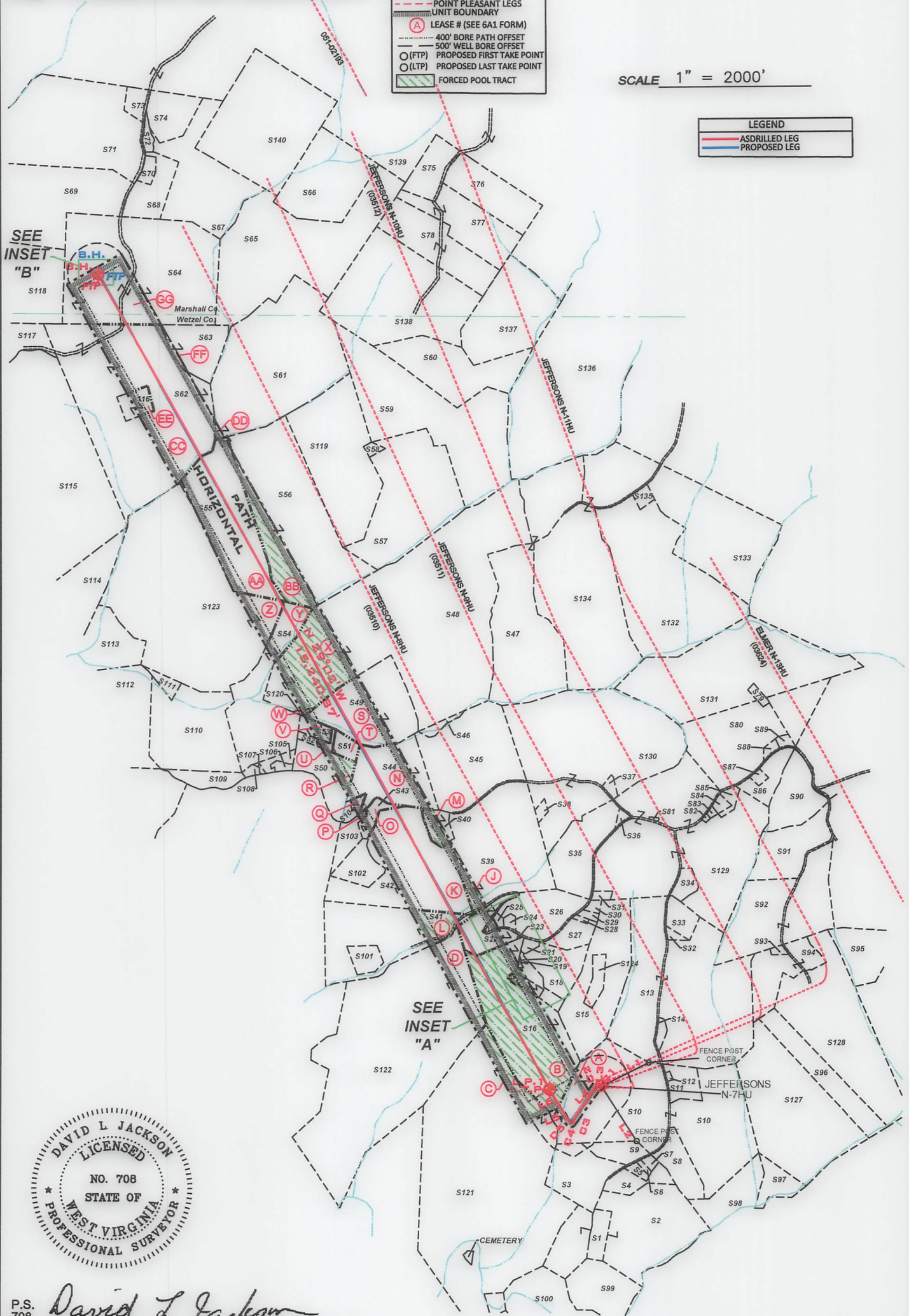
FORCED POOL TRACT

SCALE 1" = 2000'

LEGEND

ASDRILLED LEG

PROPOSED LEG



P.S. 708 *David L Jackson*

09/12/2025



OPERATOR'S	
WELL #:	JEFFERSONS N-7HU
DISTRICT:	Proctor
COUNTY:	Wetzel
STATE:	WV
API #:	47-103-03509

WELL PLAT
PAGE 2 OF 4
DATE: 01/30/2025

form ww6

JEFFERSONS N-7HU
UTICA UNIT - 392.87298± ACRES
EQT PRODUCTION COMPANY

Parcels within Unit Boundary				
Tags	Number	Tax Map -Parcel	Surface Owner	Acres
A	S10	12-7-27	Edward H. & Joan E. Estep	92.302
B	S16	12-7-26	EQT TGH Exploration II, LLC	59.89
C	S121	12-7-40	EQT TGH Exploration II, LLC	175.55
D	S122	12-7-24	Lance C. & Minerva R. Evans	164.2
E	S126	12-7-62	Colby Dean Sidenstricker	0.065
F	S17	12-7-26.1	Colby Dean Sidenstricker	2.01
G	S125	12-7-61	Colby Dean Sidenstricker	4.203
H	S22	12-7-15	Kevin S & Melinda S Goff	22.63
I	S25	12-7-15.3	Billy Sweeney	1.26
J	S39	12-7-4.1	Robert Joseph Coleman	55.81
K	S42	12-7-3	Matthew Rohr & Wayne Raber	55.828
L	S41	12-7-14	Matthew Rohr & Wayne Raber	32.74
M	S40	12-7-59	Tanner Kelley	5
N	S44	12-7-3.2	Lisa M. Naegele	28.47
O	S43	12-7-3.3	Robert Joseph Coleman	3.53
P	S103	12-7-3.5	Robert Joseph Coleman	5.422
Q	S104	12-7-3.1	Jodi L. Evans & Mark K. Mason, Jr.	3.192
R	S50	12-7-2	Jeremy W. & Shanon E. Heddelson	19.8
S	S49	12-2-16	Laura Lee Cook	33
T	S51	12-2-15.1	Vivian A. Parsons, Et Al	5
U	S52	12-2-15.2	Charles Philip Parsons	2
V	S53	12-2-15	Charles Philip Parsons	3
W	S120		Midcap School	
X	S48	12-2-8	Laura Lee Richards Cook	185.125
Y	S54	12-2-7	John D. Amnah	44.5
Z	S123	12-1-20	Charles E. Frohnapfel, Trustee of the Charles E. Frohnapfel Living Trust Dated October 3, 2017	126
AA	S55	12-2-1	James Calvine Benefiel, III	49
BB	S56	12-2-2	Ruby Wood, Et Al	82
CC	S62	12-01-40	Mark W. Booth, Maggie Ann Rockwell & George E. Booth, Jr.	117
DD	S61	05-26-16	Heartwood Forestland Fund VII LP	82.5
EE	S116	12-1-41	Mark W. Booth, Maggie Ann Rockwell & George E. Booth, Jr.	5
FF	S63	12-2-24	Maggie Ann Rockwell, Mark W. Booth & George E. Booth, Jr.	13.1
GG	S64	05-26-18	Eric Jay Booth	94

Number	Tax Map -Parcel	Adjoining Parcels Ownership Table	Acres
S1	12-7-44.1	James Foster	5.054
S2	12-7-44	Chad J. & Velishia I. Shepherd	15.06
S3	12-7-42.4	Steven Mark Cecil, et al, Peggy Lou & Albert Cecil - L/E	17.333
S4	12-7-42.5	James D. Furbee, II	6.43
S5	12-7-42.2	April Fluhardt	6.5
S6	12-7-42.3	James D. Furbee, II	0.528
S7	12-7-42.1	James D. Furbee, II	1.21
S8	12-7-27.2	Douglas I. & Patricia A. Pitts	10.73
S9	12-7-42	James D. Furbee, II	6.5
S11	12-7-27.1	Edward H. & Joan E. Estep	6.718
S12	12-7-43	Furbee Cemetery	1.11
S13	12-7-20	Jeffrey A. & Paula J. Gorby	104.72
S14	12-7-28	Palmer Cemetery	0.98
S15	12-7-19	Jeffery S. Underwood & Velvet K. Parks	41.4
S18	12-7-17	Jeffery S. Underwood & Velvet K. Parks	13.43
S19	12-7-17.2	EQT TGH Exploration II, LLC	0.35
S20	12-7-17.1	EQT TGH Exploration II, LLC	0.067
S21	12-7-16	Grant & Jennifer Throckmorton	1.1
S23	12-7-15.7	EQT TGH Exploration II, LLC	0.68
S24	12-7-15.2	Billy Sweeney	1.8
S26	12-7-15.1	Billy Sweeney	10.72
S27	12-7-15.6	Jeffery S. Underwood & Velvet K. Parks	5.923
S28	12-7-15.5	Jimmy L. & Sharon Sue Colvin	0.46
S29	12-7-15.4	Jimmy L. & Sharon Sue Colvin	0.97
S30	12-7-18	Cynthia Anne Parks Church	1
S31	12-7-7.6	Mary Ellen Stillwater	1.55
S32	12-7-20.2	Peter R. Tamborello & Annis E. Ponikvar	0.9
S33	12-7-20.1	Peter R. Tamborello & Annis E. Ponikvar	5.18
S34	12-7-7.4	Charles Lee & Betty J. Huggins	4
S35	12-7-5	Matthew D. Arrick	20.37

* FORCED POOLED TRACTS ARE HIGHLIGHTED

Number	Tax Map -Parcel	Adjoining Parcels Ownership Table	Acres
S36	12-7-6	Stacy E. Briner	0.25
S37	12-7-51	Jean J. Eller	1.25
S38	12-7-52	Brent J. & Sara L. Eller	1.025
S45	12-7-4	Rodney G. Eller	46.7
S46	12-2-8.1	Friend W. Parsons	0.5
S47	12-2-9	Laura Richards Cook	77
S57	12-2-4	Edith Salem & Lisa G. Larson	56.25
S58	12-2-4.1	Tyrone Sultzbach & Richard Wolf	1
S59	12-2-5	Clifford W. & Alberta B. Johnson	75.96
S60	12-2-6	Clifford W. & Alberta B. Johnson	36
S65	05-26-17	Heartwood Forestland Fund VII LP	82.56
S66	05-26-6	Heartwood Forestland Fund VII LP	36.17
S67	05-26-4.4	Otis F. & Glenda M. Rush	39.436
S68	05-26-4.1	Otis S. Rush, Et Ux	12.188
S69	05-26-19	Lois E. Booth & Eric Jay Booth	50
S70	05-26-4.3	Crystal & Randolph F. Matask	2.253
S71	05-26-4.5	Eric Jay Booth	74.388
S72	05-26-4.2	Otis S. Rush, et ux	1.58
S73	05-26-4	James R. & Melody A. Anderson	3.887
S74	05-26-4.1	Otis F. Rush Jr.	12.268
S75	05-26-23	Richard Joseph Otte	11.34
S76	05-26-9	Oliver Family Trust	21.75
S77	05-26-10	Oliver Family Trust	24.94
S78	05-26-14	Oliver Family Trust	27.56
S79	12-2-25	Michael K. & Rosetta A. Cozart	1.265
S80	12-2-20	Michael K. & Rosetta A. Cozart	34.063
S81	12-7-7.7	Robert C. Francis, Jr.	0.17
S82	12-7-7.3	Robert N. Edwards	0.24
S83	12-7-7.2	Robert N. Edwards	0.412
S84	12-7-7.1	Mark E. Eller	1.41
S85	12-7-7.5	Mark E. Eller	1.94
S86	12-7-8.1	Brian & Christine L. Nice	7.628
S87	12-7-8	Mark E. Eller	1.012
S88	12-2-20.1	Michael K. & Rosetta A. Cozart	1
S89	12-2-20.2	Michael K. Cozart	1.025
S90	12-7-9.1	James T. Eddy	17.47
S91	12-7-9	Michael J. & Alena R. Fayad	22.526
S92	12-7-21	Alena R. & Michael J. Fayad, III	58
S93	12-7-31.1	Michael J. Fayad III & Alena R. Fayad	0.808
S94	12-7-60	Michael J. Fayad III & Alena R. Fayad	8.203
S95	12-7-32.1	Charles & Judith Rose - L/E, Charles D. Rose, Jr. Et Al	18
S96	12-7-30	William C. Cross Jr. Irrev. Trust	19.75
S97	12-7-46	William C. Cross Jr. Irrev. Trust	9.53
S98	12-7-45	William C. Cross Jr. Irrev. Trust	17.24
S99	12-7-44.2	Danny E. & Jill L. McKinney	19.46
S100	12-12-9	Rickey A. Farley	17.175
S101	12-7-14.1	W VA Dept of Highways	3.49
S102	12-7-3.4	Dru W. Bills	8.253
S105	12-7-57	John D. Amnah	2.33
S106	12-7-58	John D. Amnah	1.03
S107	12-7-56	Starla K. Richmond	0.3
S108	12-7-1	Tammara & William J. Wetzel	1
S109	12-6-52	John D. Amnah	6.46
S110	12-1-34	John D. Amnah	38
S111	12-1-19	Steven Jack & Susan Hafer	36.5
S112	12-1-32	Baxter Farm, LLC	78.74
S113	12-1-31	Steven Jack & Susan Hafer	20
S114	12-1-19	Steven J. & Susan L. Hafer	36.5
S115	12-1-8	Benjamin J. Kocher	168.67
S117	12-1-8.1	Robert F. Rothlisberger	50.33
S118	05-27-24	Robert F. Rothlisberger	60.1
S119	12-02-03	Nelson M. & Mary D. Miller	51.72
S124	12-7-19-1	Grant & Jennifer Throckmorton	3.96
S127	12-7-29	William C. Cross Jr. Irrev. Trust	171
S128	12-7-31	William C. Cross Jr. Irrev. Trust	72.57
S129	12-7-7	EQT TGH Exploration II, LLC	117.27
S130	12-2-17	Randy F. Eller	97.75
S131	12-2-18	Michael K. & Rosetta A. Cozart	85.0513
S132	12-2-11	Beryl E. Mason	58.5
S133	12-2-12	Beryl E. Mason	59.9
S134	12-2-10	Laura Richards Cook	95
S135	12-2-11.1	Beryl E. Mason	1.7
S136	5-26-12	Marjorie Ann Stoneking - Life	153.989
S137	5-26-13	Marjorie Ann Stoneking - Life	40
S138	5-26-15	Oliver Family Trust	69
S139	5-26-7	Eastern Gas Transmission and Storage, Inc.	71
S140	5-26-5	Michael J. & Barabara L. Wiley & Michelle E. Baker	65



P.S.
708

David L Jackson



OPERATOR'S
WELL #: JEFFERSONS N-7HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV
API #: 47-103-03509

WELL PLAT
PAGE 3 OF 4
DATE: 01/30/2025

09/12/2025

form ww6

JEFFERSONS N-7HU
UTICA UNIT - 392.87298± ACRES
EQT PRODUCTION COMPANY

JEFFERSONS N-7HU				
TAG	LEASE ID	TMP	GRANTOR, LESSOR, ETC.	DEED BOOK/PAGE
A	242378002	12-7-27	Edward H. Estep and Joan Estep, husband and wife	OG 210A/205
B	242377002	12-7-26	Venable Royalty, Ltd. And V2, LP, et al.	OG 312A/410
C	242377002	12-7-40	Venable Royalty, Ltd. And V2, LP, et al.	OG 312A/410
D	244506003	12-7-24	Hammett Land & Minerals, LLC, et al.	OG 263A/280
E	242377002	12-7-62	Venable Royalty, Ltd. And V2, LP, et al.	OG 312A/410
F	239208000	12-7-26.1	Jeffrey L. Mead, a single man, et al.	OG 239A/198
G	242377002	12-7-61	Venable Royalty, Ltd. And V2, LP, et al.	OG 312A/410
H	240516000	12-7-15	RostEnergy Company, Inc.	OG 269A/641
I	238803000	12-7-15.3	Phillip H. Estep, a married man dealing in sole and separate property	OG 204A/164
J	240624000	12-7-4.1	R. Shane Goddard and Kathryn Goddard, husband and wife, et al.	OG 290A/122
K	240579000	12-7-3	Mathew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.	OG 278A/810
L	242363017	12-7-14	Mathew Rohr, a married man dealing in his sole and separate property, et al.	OG 278A/814
M	216529001	12-7-59	The McCall 2016 Deleware Trust dated May 4, 2016, Elizabeth A. Beachell, Trustee, et al.	OG 277A/615
N	240579000	12-7-3.2	Mathew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.	OG 278A/810
O	240579000	12-7-3.3	Mathew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.	OG 278A/810
P	238703000	12-7-3.5	Robert Joseph Coleman, a single man, et al.	OG 202A/782
Q	240579000	12-7-3.1	Mathew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.	OG 278A/810
R	119746008	12-7-2	R. Shane Goddard and Kathryn Goddard, husband and wife, et al.	OG 166A/432
S	239303000	12-2-16	Herbert L. Miller, aka Herbert Miller and Brenda S. Miller, husband and wife	OG 173A/673
T	242329004	12-2-15.1	Hammett Land & Minerals, LLC, et al.	OG 263A/286
U	242329004	12-2-15.2	Hammett Land & Minerals, LLC, et al.	OG 263A/286
V	242328001	12-2-15	Charles Philip Parsons, a single man, et al.	OG 221A/648
W	N/A	Midcap School	Unknown & Unlocatable	N/A
X	242409002	12-2-8	Hammett Land & Minerals, LLC, et al.	OG 319A/368
Y	238956000	12-2-7	Betty Lou Goudy, a widow	OG 220A/884
Z	216526001	12-1-20	Shiben Estates, Inc., et al.	OG 277A/325
AA	173515001	12-2-1	Pathfinder Resources, LLC d/b/a Recon Pathfinder, LLC, et al.	OG 275A/203
BB	186409001	12-2-2	Chesapeake Appalachia, LLC, et al.	OG 157A/646
CC	242267004	12-1-40	Mark W. Booth, a married man dealing in his sole and separate property, et al.	OG 294A/154
DD	241687002	5-26-16	Venable Royalty, Ltd. and V14, LP, et al.	DB 1151/438
EE	242267004	12-1-41	Mark W. Booth, a married man dealing in his sole and separate property, et al.	OG 294A/154
FF	242267004	12-2-24	Mark W. Booth, a married man dealing in his sole and separate property, et al.	OG 294A/154
GG	241689003	5-26-18	Eric Jay Booth, a married man dealing in his sole and separate property, et al.	DB 953/258

JEFFERSONS N-7HU (Tracts Penetrated by Well Bore)				
TAG	LEASE ID	TMP	GRANTOR, LESSOR, ETC.	DEED BOOK/PAGE
A	242378002	12-7-27	Edward H. Estep and Joan Estep, husband and wife	OG 210A/205
B	242377002	12-7-26	Venable Royalty, Ltd. And V2, LP, et al.	OG 312A/410
F	239208000	12-7-26.1	Jeffrey L. Mead, a single man, et al.	OG 239A/198
G	242377002	12-7-61	Venable Royalty, Ltd. And V2, LP, et al.	OG 312A/410
H	240516000	12-7-15	RostEnergy Company, Inc.	OG 269A/641
K	240579000	12-7-3	Mathew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.	OG 278A/810
L	242363017	12-7-14	Mathew Rohr, a married man dealing in his sole and separate property, et al.	OG 278A/814
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O	240579000	12-7-3.3	Mathew Rohr, a married man dealing in his sole and separate property, remainderman, and Wayne Raber, a married man dealing in his sole and separate property, remainderman, et al.	OG 278A/810
S	239303000	12-2-16	Herbert L. Miller, aka Herbert Miller and Brenda S. Miller, husband and wife	OG 173A/673
X	242409002	12-2-8	Hammett Land & Minerals, LLC, et al.	OG 319A/368
Y	238956000	12-2-7	Betty Lou Goudy, a widow	OG 220A/884
Z	216526001	12-1-20	Shiben Estates, Inc., et al.	OG 277A/325
AA	173515001	12-2-1	Pathfinder Resources, LLC d/b/a Recon Pathfinder, LLC, et al.	OG 275A/203
CC	242267004	12-1-40	Mark W. Booth, a married man dealing in his sole and separate property, et al.	OG 294A/154
GG	241689003	5-26-18	Eric Jay Booth, a married man dealing in his sole and separate property, et al.	DB 953/258

* FORCED POOLED TRACTS ARE HIGHLIGHTED



P.S.
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David L Jackson

09/12/2025



OPERATOR'S
WELL #: JEFFERSONS N-7HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV
API #: 47-103-03509

WELL PLAT
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DATE: 01/30/2025