

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

API 47 - 049 - 02585 County Marion District Paw Paw
Quad Grant Town Pad Name Green Lakes Field/Pool Name _____
Farm name Ministers Run Property Management LLC Well Number 1H
Operator (as registered with the OOG) Northeast Natural Energy LLC
Address 707 Virginia Street E, Suite 1200 City Charleston State WV Zip 25301

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey

Top hole	Northing	<u>4382123.9</u>	Easting	<u>574601.4</u>
Landing Point of Curve	Northing	<u>4381997.0</u>	Easting	<u>574296.4</u>
Bottom Hole	Northing	<u>4386536.8</u>	Easting	<u>570886.4</u>

Elevation (ft) 1448.7 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 FOR HORIZONTAL SECTION; BIO BASE 365, CALCIUM CHLORIDE POWDER, G Seal Plus, HRP, Lime, M I WATE (BARITE),

M I X II MEDIUM, MEGADRIL P SYSTEM, MEGADRIL P SYSTEM RENTAL, MEGAMUL, SAFE CARB 250, VERSATHIN HF, VERSAWET, VG PLUS, VINSEAL MEDIUM, WALNUT NUT PLUG MEDIUM, SOLTEX

Date permit issued 6/2/25 Date drilling commenced 7/21/25 Date drilling ceased 10/22/25
Date completion activities began 11/17/25 Date completion activities ceased 12/31/25
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

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

Freshwater depth(s) ft <u>816'</u>	Open mine(s) (Y/N) depths <u>N</u>
Salt water depth(s) ft <u>2271'</u>	Void(s) encountered (Y/N) depths <u>N</u>
Coal depth(s) ft <u>652 657 Waynesburg, 700 705 Sewickley, 808 816 Pittsburgh</u>	Cavern(s) encountered (Y/N) depths <u>N</u>
Is coal being mined in area (Y/N) <u>N</u>	

Reviewed by:

Reviewed
Approved

[Signature]
08/28/2026
8-13-26

API 47- 049 - 02585 Farm name Ministers Run Property Management LLC Well number 1H

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	32"	24"	100'	New	N/A	N/A	Y/
Surface	17 1/2"	13 3/8"	936'	New	J 55/54.5	531.5	Y/35 bbls
Coal							
Intermediate 1	12 1/4"	9 5/8"	2365'	New	J 55/36	2033.5	Y/24 bbls
Intermediate 2							
Intermediate 3							
Production	8 1/2"	5 1/2"	27,317'	New	HP P 110/23	N/A	N
Tubing							
Packer type and depth set							

Comment Details _____

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CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	
Conductor	Class A	214	15.6	1.18	252.52	CTS	>72
Surface	Class L	1850	15.6	1.14	2109	CTS	8
Coal							
Intermediate 1	Class L	860	15.6	1.12	963	CTS	8
Intermediate 2							
Intermediate 3							
Production	50% Class L & 50% Poz	5155	14.5	1.16	5980	2155	>72
Tubing							

Drillers TD (ft) 27,390' Loggers TD (ft) 27,317'

Deepest formation penetrated Marcellus Plug back to (ft) _____

Plug back procedure _____

Kick off depth (ft) 8515'

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 _____

Surface: Shoe track and every 3rd joint to surface

Intermediate: Shoe track and every 3rd joint to surface

Production: Shoe track and every joint in the lateral to KOP, then every third joint to surface

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 _____

08/28/2026

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PERFORATION RECORD

[illegible]

Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

08/28/2026

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
Marcellus	7976'	27,390'
	TVD	MD

Please insert additional pages as applicable.

GAS TEST ☐ Build up ☐ Drawdown ☒ Open Flow OIL TEST ☐ Flow ☐ Pump

SHUT-IN PRESSURE Surface 2143 psi Bottom Hole 4531 psi DURATION OF TEST 24 hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
1458 mcfpd bpd bpd bpd ☐ Estimated ☐ Orifice ☐ Pilot

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Please insert additional pages as applicable.

Drilling Contractor	Patterson UTI						
Address	67090 Executive Drive	City	St. Clairsville	State	OH	Zip	43950

Logging Company Baker Hughes
Address 1681 E. Main Street City Bridgeport State WV Zip 26330

Cementing Company		NexTier	
Address	3990 Rogerdale Rd	City	Houston
		State	TX
		Zip	77042

Stimulating Company Halliburton
Address 3000 Sam Houston Pkwy E City Houston State TX Zip 77032

Please insert additional pages as applicable.

Completed by Hollie Medley Telephone 304 212 0422
Signature Hollie Medley Title Regulatory Manager Date 5-29-26

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

08/28/2026

Green Lakes 1H Perforation Report				
Stage Number	Report Date	Total Shots	Cluster 1 Top TD	Cluster 5 Bottom TD
1	11/17/2025			27,211
2	11/17/2025	40	27,167	27,009
3	11/17/2025	40	26,967	26,809
4	11/18/2025	40	26,767	26,609
5	11/18/2025	40	26,567	26,409
6	11/18/2025	40	26,367	26,209
7	11/18/2025	40	26,167	26,009
8	11/18/2025	40	25,967	25,809
9	11/19/2025	40	25,767	25,609
10	11/19/2025	40	25,567	25,409
11	11/20/2025	40	25,367	25,209
12	11/20/2025	40	25,167	25,009
13	11/20/2025	40	24,967	24,809
14	11/21/2025	40	24,767	24,610
15	11/21/2025	40	24,568	24,410
16	11/22/2025	40	24,368	24,210
17	11/22/2025	40	24,168	24,010
18	11/23/2025	40	23,968	23,810
19	11/23/2025	40	23,768	23,610
20	11/24/2025	40	23,568	23,410
21	11/24/2025	40	23,368	23,210
22	11/25/2025	40	23,168	23,010
23	11/25/2025	40	22,968	22,810
24	11/26/2025	40	22,768	22,610
25	11/26/2025	40	22,568	22,410
26	11/27/2025	40	22,368	22,210
27	11/27/2025	40	22,168	22,010
28	11/28/2025	40	21,968	21,810
29	11/28/2025	40	21,768	21,610
30	11/29/2025	40	21,568	21,410
31	11/29/2025	40	21,368	21,210
32	11/30/2025	40	21,168	21,010
33	11/30/2025	40	20,968	20,810
34	12/1/2025	40	20,768	20,410
35	12/2/2025	40	20,568	20,210
36	12/3/2025	40	20,368	20,210
37	12/3/2025	40	20,168	20,010
38	12/4/2025	40	19,968	19,810
39	12/4/2025	40	19,768	19,611

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40	12/5/2025	40	19,569	19,411
41	12/5/2025	40	19,369	19,211
42	12/6/2025	40	19,169	19,011
43	12/6/2025	40	18,969	18,811
44	12/7/2025	40	18,769	18,611
45	12/8/2025	40	18,569	18,411
46	12/9/2025	40	18,369	18,211
47	12/9/2025	40	18,169	18,011
48	12/10/2025	40	17,969	17,811
49	12/10/2025	40	17,769	17,611
50	12/11/2025	40	17,569	17,411
51	12/11/2025	40	17,369	17,211
52	12/11/2025	40	17,169	17,011
53	12/12/2025	40	16,969	16,811
54	12/12/2025	40	16,769	16,611
55	12/13/2025	40	16,569	16,411
56	12/13/2025	40	16,369	16,211
57	12/15/2025	40	16,169	16,011
58	12/15/2025	40	15,969	15,811
59	12/16/2025	40	15,769	15,611
60	12/16/2025	40	15,569	15,411
61	12/17/2025	40	15,369	15,211
62	12/17/2025	40	15,169	15,011
63	12/18/2025	40	14,969	14,811
64	12/18/2025	40	14,769	14,612
65	12/19/2025	40	14,570	14,412
66	12/19/2025	40	14,370	14,212
67	12/19/2025	40	14,170	14,012
68	12/20/2025	40	13,970	13,812
69	12/20/2025	40	13,770	13,612
70	12/21/2025	40	13,570	13,412
71	12/21/2025	40	13,370	13,212
72	12/21/2025	40	13,170	13,012
73	12/22/2025	40	12,970	12,812
74	12/22/2025	40	12,770	12,612
75	12/23/2025	40	12,570	12,412
76	12/23/2025	40	12,370	12,212
77	12/23/2025	40	12,170	12,012
78	12/24/2025	40	11,970	11,812
79	12/24/2025	40	11,770	11,612
80	12/25/2025	40	11,570	11,412
81	12/25/2025	40	11,370	11,212
82	12/25/2025	40	11,170	11,012
83	12/26/2025	40	10,970	10,812

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84	12/26/2025	40	10,770	10,612
85	12/27/2025	40	10,570	10,412
86	12/27/2025	40	10,370	10,212
87	12/28/2025	40	10,170	10,012
88	12/28/2025	40	9,970	9,812
89	12/28/2025	40	9,770	9,613
90	12/29/2025	40	9,571	9,413
91	12/29/2025	40	9,371	9,213
92	12/30/2025	40	9,171	9,013
93	12/30/2025	40	8,971	8,813
94	12/30/2025	40	8,771	8,613
95	12/31/2025	40	8,571	8,413

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8 of 43

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Green Lakes 1H

Stimulation Report

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Stage Number	Report Date	ISIP (psi)	Breakdown Pressure (psi)	Avg Treating Pressure (psi)	Avg Treating Rate (BPM)	Pad Volume (bbls)	Total Clean Fluid (Bbls)	Total Proppant Amount (lbs)	Flush Volume (bbls)	Pump Time (min)
1	11/17/2025	5,071	10,344	10,443	94	1,310	8,230	327,280	577	98
2	11/17/2025	5,228	6,246	10,882	96	191	13,063	650,060	574	158
3	11/17/2025	5,411	7,953	11,050	97	20	12,830	649,900	687	146
4	11/18/2025	5,424	9,419	11,124	97	20	12,828	649,720	727	144
5	11/18/2025	5,840	10,226	10,832	97	20	12,738	649,940	652	144
6	11/18/2025	5,765	5,973	10,645	97	483	13,396	650,140	594	151
7	11/18/2025	6,174	6,240	10,705	98	20	13,126	652,620	552	143
8	11/18/2025	5,250	7,606	10,842	97	20	12,906	649,920	543	147
9	11/19/2025	5,628	7,868	10,525	95	20	13,068	649,800	671	154
10	11/19/2025	5,736	6,504	10,548	98	20	13,009	650,100	538	143
11	11/20/2025	5,507	7,797	10,469	98	20	12,798	650,020	527	142
12	11/20/2025	6,157	6,195	10,517	98	20	12,912	655,920	530	143
13	11/20/2025	5,706	6,970	10,694	99	20	12,772	649,920	535	142
14	11/21/2025	6,056	6,536	10,510	99	20	12,704	650,780	521	140
15	11/21/2025	5,750	5,213	10,537	98	20	12,794	649,980	616	141
16	11/22/2025	6,072	6,727	10,896	98	20	12,639	649,960	599	140
17	11/22/2025	6,281	6,028	10,586	99	20	12,967	650,580	526	141
18	11/23/2025	5,429	6,824	10,131	99	20	12,725	649,440	587	141
19	11/23/2025	5,934	6,406	10,605	98	20	12,727	650,480	501	140
20	11/24/2025	5,637	5,679	11,095	99	20	12,713	649,840	501	140
21	11/24/2025	6,110	5,859	10,734	99	20	12,543	647,960	492	137
22	11/25/2025	5,932	6,863	10,216	97	20	13,318	649,700	500	153
23	11/25/2025	6,344	11,645	10,848	99	20	12,941	649,880	651	141
24	11/26/2025	5,663	7,448	10,588	97	20	14,002	651,940	481	140
25	11/26/2025	6,211	7,898	11,259	98	20	12,577	650,100	476	139
26	11/27/2025	5,893	6,372	11,186	98	20	12,494	650,320	481	140
27	11/27/2025	6,608	10,110	11,138	98	20	12,508	654,620	473	139
28	11/28/2025	5,932	6,004	11,306	99	20	12,480	649,880	468	139
29	11/28/2025	6,294	10,839	11,042	98	20	12,438	649,800	461	137
30	11/29/2025	6,254	5,700	10,960	99	20	12,550	650,560	453	139
31	11/29/2025	6,776	8,288	10,822	100	20	12,451	650,900	455	138
32	11/30/2025	5,830	6,285	10,806	98	20	12,469	647,760	450	139
33	11/30/2025	6,588	7,127	10,650	98	20	12,613	653,560	557	139
34	12/1/2025	5,988	5,699	10,803	98	20	12,480	649,800	440	138
35	12/2/2025	5,663	6,293	10,299	99	20	12,782	649,600	437	142
36	12/3/2025	5,147	6,896	10,252	99	20	12,843	646,330	428	143
37	12/3/2025	6,047	6,764	10,212	99	20	12,555	649,980	531	137
38	12/4/2025	5,845	6,941	10,365	98	20	12,417	650,010	420	139
39	12/4/2025	6,259	6,645	10,642	98	20	12,274	650,090	537	135
40	12/5/2025	5,662	7,045	10,435	98	20	12,328	655,480	411	137
41	12/5/2025	5,716	7,798	10,399	98	20	12,245	650,000	601	136

08/28/2026

42	12/6/2025	6,485	7,263	10,745	98	20	15,144	650,430	621	179
43	12/6/2025	5,227	6,758	9,970	97	20	12,345	649,480	399	140
44	12/7/2025	6,041	7,305	10,355	98	20	12,193	649,860	396	134
45	12/8/2025	5,936	6,835	10,384	98	20	12,209	650,540	395	134
46	12/9/2025	5,967	7,365	10,908	98	20	12,324	649,720	388	139
47	12/9/2025	5,611	6,710	10,722	99	20	12,698	651,140	381	140
48	12/10/2025	5,808	7,248	10,704	98	20	12,150	649,680	532	135
49	12/10/2025	5,454	6,717	10,258	98	20	12,313	649,940	378	138
50	12/11/2025	5,373	8,008	10,064	98	20	12,278	649,910	372	136
51	12/11/2025	6,489	6,740	10,109	98	20	12,087	654,140	378	135
52	12/11/2025	5,568	6,691	10,641	98	20	12,246	650,380	368	137
53	12/12/2025	5,950	6,278	10,693	98	20	12,281	650,320	368	137
54	12/12/2025	6,329	6,752	10,796	96	20	12,219	650,160	354	140
55	12/13/2025	6,085	7,288	10,796	98	20	12,243	649,940	349	135
56	12/13/2025	5,111	6,637	10,766	97	20	12,243	650,120	377	144
57	12/15/2025	6,410	6,886	10,542	97	20	12,280	650,400	338	139
58	12/15/2025	5,301	7,180	10,216	98	20	12,022	650,070	338	133
59	12/16/2025	5,810	6,866	9,997	97	20	13,556	650,360	336	155
60	12/16/2025	6,285	8,176	10,514	98	20	12,176	652,320	328	134
61	12/17/2025	6,401	7,281	10,101	96	20	12,646	650,070	326	144
62	12/17/2025	6,680	7,565	10,422	98	20	12,361	650,080	320	138
63	12/18/2025	6,935	7,410	10,220	98	20	13,786	650,160	314	150
64	12/18/2025	5,561	6,813	9,893	97	20	11,781	650,140	318	136
65	12/19/2025	5,987	7,186	10,522	100	20	12,353	650,220	305	133
66	12/19/2025	5,563	6,830	10,354	97	20	12,300	650,520	306	138
67	12/19/2025	6,630	7,633	10,519	96	20	11,117	534,760	359	125
68	12/20/2025	6,354	7,456	9,255	99	20	12,115	650,180	300	131
69	12/20/2025	6,632	5,854	9,653	99	20	12,053	650,100	284	132
70	12/21/2025	6,497	8,005	10,067	100	20	12,127	650,040	316	129
71	12/21/2025	6,436	7,393	9,712	100	20	12,124	650,180	293	133
72	12/21/2025	7,226	7,072	10,089	101	20	12,150	649,980	277	128
73	12/22/2025	6,069	8,072	9,717	101	20	12,186	650,310	281	129
74	12/22/2025	5,867	7,210	9,955	101	20	12,023	650,180	267	130
75	12/23/2025	6,129	8,076	9,751	101	20	12,115	650,060	348	128
76	12/23/2025	6,225	6,313	9,833	100	20	12,108	650,010	259	132
77	12/23/2025	6,391	7,764	9,723	101	20	12,299	650,160	346	132
78	12/24/2025	5,692	7,304	9,759	101	20	12,298	649,940	424	131
79	12/24/2025	6,191	66,786	9,487	100	20	12,329	650,380	246	134
80	12/25/2025	6,885	8,577	9,212	101	20	12,169	650,440	245	129
81	12/25/2025	5,320	7,493	9,299	101	20	12,228	649,990	238	131
82	12/25/2025	6,051	7,809	9,695	102	20	12,072	646,080	235	128
83	12/26/2025	5,364	7,295	476	101	20	12,401	654,340	229	132
84	12/26/2025	6,196	6,851	9,451	102	20	12,238	650,000	230	130
85	12/27/2025	6,832	8,163	9,431	102	20	12,170	650,060	319	128
86	12/27/2025	5,518	6,995	9,302	102	20	12,180	649,760	216	130
87	12/28/2025	6,477	8,344	9,269	101	20	12,086	650,020	215	128
88	12/28/2025	6,057	8,580	9,225	101	20	12,104	655,330	208	130

89	12/28/2025	6,375	7,432	9,087	101	20	12,013	649,880	207	127
90	12/29/2025	6,111	7,561	9,190	101	20	11,956	650,100	277	127
91	12/29/2025	5,310	6,380	8,878	101	20	12,182	650,000	195	131
92	12/30/2025	645	8,083	8,925	102	20	12,242	650,720	294	129
93	12/30/2025	5,572	3,678	8,632	101	20	12,108	650,530	187	130
94	12/30/2025	5,562	6,667	8,536	101	20	11,889	652,080	293	129
95	12/31/2025	6,147	7,076	8,407	101	20	12,046	651,440	178	131

11 of 43

Green Lakes NW Completion Lithology			
Lithology/Formation	Top Depth in FT TVD	Bottom Depth in FT TVD	Describe rock type and record quantity and type of fluid (freshwater, brine, oil, gas, H2S, etc)
Sand/silt	0	425	Sand/silt
lime/silt	425	580	lime/silt
lime/sand/silt	580	640	lime/sand/silt
carbonaceous silt/sandstone	640	652	carbonaceous silt/sandstone
Waynesburg coal	652	657	Waynesburg coal
sandstone/limestone	657	700	sandstone/limestone
Sewickley Coal	700	705	Sewickley Coal
Limestone/siltstone/red beds	705	808	Limestone/siltstone/red beds
Pittsburgh coal	808	816	Pittsburgh coal
Limestone/siltstone	816	880	Limestone/siltstone
sandstone	880	940	sandstone
siltstone/sandstone	940	1090	siltstone/sandstone
red rock/siltstone	1090	1205	red rock/siltstone
siltstone/red silt/sandstone	1205	2021	siltstone/red silt/sandstone
Little Lime	2021	2049	Little Lime
Big Lime	2049	2141	Big Lime
Big Injun	2141	2271	Big Injun
Sand/silt	2271	2327	Sand/silt
Gantz	2327	2347	Gantz
Sand/shale/siltstone	2347	3006	Sand/shale/siltstone
Gordon	3006	3044	Gordon
Siltstone/sandstone	3044	3160	Siltstone/sandstone
Fourth Sand	3160	3185	Fourth Sand
sandstone/siltstone	3185	5260	sandstone/siltstone
siltstone	5260	7100	siltstone
Gray shale/siltstone	7100	7343	Gray shale/siltstone
Middlesex	7343	7544	Middlesex
Burkett	7544	7790	Burkett
Geneseo	7790	7840	Geneseo
Tully	7840	7884	Tully
Hamilton	7884	8005	Hamilton
Marcellus	8005	8060	Marcellus
Cherry Valley	8060	8066	Cherry Valley
Lower Marcellus	8066	8140	Lower Marcellus
Onondaga	8140	8158	Onondaga
Huntersville	8158	TD	Huntersville

Customer:	MARION NATURAL ENERGY	Date:	8-Aug-25	Serv. Supervisor:	Timothy Monoskey							
Cust. Rep.:	JOSH	Ticket #:	BPA-2508-0009	Serv. Center:	Black Lick - 1571							
Well Name:	Green Lakes 1H	API Well #:	47-049-02505	County:	Marion	State:	WV					
Well Type:		Rig:	PATTERSON 571	Type of Job:	CM-SURFACE CASING							
Materials Furnished by NextTier												
Plugs		Casing Hardware		Physical Slurry Properties								
CUSTOMER SUPPLIED	NEXTIER 13 3/8 PLUG CONTAINER	Sacks of Cement	Fluid Density (lb/gal)	Excess	Yield (cuft/sk)	Mix Water (gal/sk)	Fluid Volume (bbls)	Fluid Volume (cuft)	Mix Water (bbls)			
2-TOP PLUGS & DV CONE												
6% Gel Spacer	+20.0 PPB NEX-020		8.7		4.62	33.66	25.00	-				
15.6 lb/gal Cement	100 % NCM-956 +1.5 % NAC-110+0.25 PPS NLM-600	1850	15.6	30%	1.14	4.79	374.30	2,101.71	211			
Fresh Water Displacement			8.33			-	134.49	-				
0						-		-				
						-		-				
						-		-				
						-		-				
						-		-				
						-		-				
						-		-				
						-		-				
						-		-				
						-		-				
Displacement Chemicals:	N/A											
OPEN HOLE DATA		TUBULAR DATA										
22 in. O.H. 125 to 950 ft		13.375 in. 54.5#, (0 to 950 ft)		SIZE WEIGHT	THRD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)		
Ambient Temp.	Bulk Temp.	Slurry 1 Temp.	Slurry 2 Temp.	Slurry 3 Temp.	Slurry 4 Temp.	13.375" 54.5#	BTC	936	J-55	12.615	3590	1170
82.0 °F	82.0 °F	81.0 °F	90.0 °F									
PREVIOUS CASING DATA		PERFORATED INTERVAL DATA				CASING EQUIPMENT DEPTHS						
24 in. 100.5# (0 to 125 ft)		TOP		BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP		
							936	849.3				
WELL FLUID		DISPLACEMENT FLUID		DIFF PRESS	CSG LIFT	MAX PRESS	Mix H2O Chlorides (ppm)	Mix H2O pH	Mix H2O Temp	WATER ON LOSS (bbl)		
TYPE	DENSITY	VOLUME	TYPE	DENSITY	(psi)	(psi)	(psi)					
H2O	8.3 ppg	131.3 bbl	H2O	8.3 ppg	320	276	3500	>250	7	81.0 °F	1600	
Bumped Plug	Final Differential (psi)	Floats Held (Y/N)	PSI Left on Casing	Cement to Surface (bbl)	Top of Cement (ft)	Full Circ. During Job (Y/N)	Max Pump Pressure (psi)	Casing Rotation	Additional Hrs Charged (hrs)	Casing Reciprocation	Rathole Length (ft)	
Yes	280.00	Y	-	35.00	-	No	3,500.00	No	-	No	29	
Comments/Additional Details:												
						Timothy Monoskey Service Supervisor 8-Aug-25 08/28/2026						

NexTier Completion Solutions
3990 Rogardale Rd., Houston, TX 77042
(713)325-8000

[illegible]

08/28/2026

Latitude: 39° 37' 30" (NAD27)



SURFACE HOLE DEC. LAT: 39.585510
SURVEYED LAT: 39°35'07.8"

CITY: CHARLESTON STATE: WV ZIP CODE: 25301

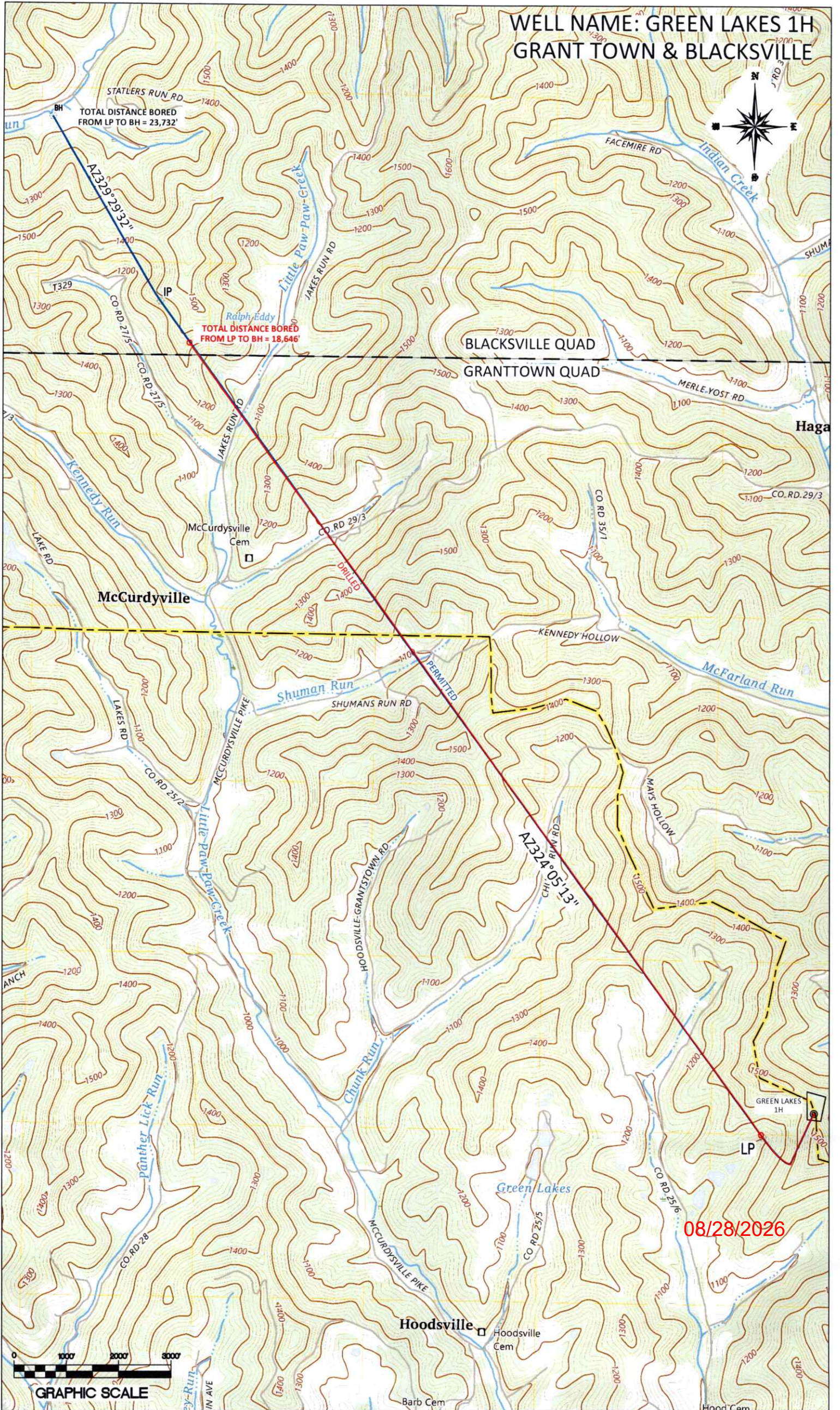
	PROPERTY INDEX
4-20-72	ROBERT JAMES BUCHANAN
4-20-70	ARTHUR L & SANDRA R MAIN
4-20-68	RICHARD L & LINDA K EDDY
4-20-67	SAMUEL A & RACHEL HOLMES
4-20-66	ARTHUR L & SANDRA R MAIN
4-20-65	P BRETT & FRANCI M KENNEY
4-20-61	WILLIAM W KNISLEY JR & RACHEL L KNISLEY
4-21-45	BRAD A EDDY
4-21-44	RANDY B EDDY ET AL
4-21-43	SAMUEL A & RACHEL RAE HOLMES
4-24-62	TRAVIS R & JESSICA N FRANKHOUSER
4-24-30	DAVID E EDDY
4-24-1.3	GARY L & KRISTEN K GROSS
4-24-1	EVELYN F FURBEE
4-24-2.1	ROBERT E & SHARON J WILMOTH
4-24-1.1	RAYMOND J EBNER III
4-24-35.2	ROBERT E HARRIS
4-24-35.1	MARIAN M & PAUL E LAWSON
4-24-35	SUNDAY BERRY, KAREN BELL, TAMMY COUGER, FRANK HARRIS, JODY HARRIS & JESSIE HARRIS
16-24-24	WILLIAM R & JONNETT D BRAGG
16-24-23	GENE J & LORENA M BRAGG
16-24-22	VINCENT & LEE ATTARDI
16-24-21	GENE J BRAGG (1/2 INT)
16-24-20	WALTER S & LLOYD W MUNDELL
16-24-13	STEVE J KISH SR ETAL
16-24-2	CHRISTOPHER M & STEFANIE P HINES
16-25-30	CALVIN F PLYMALE
16-25-29.2	JAMES W BURTON III
16-25-29.1	JAMES W BURTON III
16-25-29	WRIGHT P BOWEN
16-25-27	RICHARD STEPHEN MICHAEL
16-25-26	JAMES W BURTON III
16-25-25.1	TRAVIS L & KATIE F DAVIS
16-25-25	HEATHER ALKIRE
16-26-22	JERRY G & SHARON D SISLER
16-25-2	WILLIAM R & JONNETTE D BRAGG
16-26-26	MINISTERS RUN PROPERTY MANAGEMENT LLC
16-26-21	JERRY G & SHARON D SISLER
16-26-18	GARY W DAYTON
16-26-19	GARY W DAYTON
7-17-14	ALICE J BELL

	LEASE INDEX	
A	WV-049-106675-001	U WV-061-004363-002
B	WV-049-106358-001	V WV-061-006482-001
C	WV-049-106358-001	W WV-061-006618-001
D	WV-049-106380-001	X WV-061-002157-003
E	WV-049-106638-007	Y WV-061-006147-001
F	WV-049-106675-001	Z WV-061-004967-000
G	WV-049-106552-006	AA WV-061-006716-001
H	WV-049-106596-002	BB WV-061-005104-000
I	WV-049-106637-001	CC WV-061-006152-001
J	WV-049-106457-001	DD WV-061-003015-015
K	WV-049-104417-002	EE WV-061-004563-000
L	WV-049-105165-001	FF WV-061-003869-005
M	WV-049-106604-002	GG WV-061-004224-001
N	WV-049-104202-019	HH WV-061-005556-001
OW	WV-061-000211-001-LOI	II WV-061-005569-001
P	WV-049-1061392-004	JJ WV-061-005557-001
Q	WV-049-104146-004	KK WV-061-005161-098
R	WV-049-006485-001	LL WV-061-005480-007
S	WV-049-004609-049	MM WV-061-800040-001
T	WV-061-001930-003	

08/28/2026

FILE #: NEE20	DATE: APRIL 3, 2026
DRAWING #: 4054	OPERATOR'S WELL #: GREEN LAKES 1H
SCALE: N/A	API WELL #: 47 49 02585 STATE COUNTY PERMIT

WELL NAME: GREEN LAKES 1H
GRANT TOWN & BLACKSVILLE



Ralph Eddy
TOTAL DISTANCE BORED
FROM LP TO BH = 18,646'

TOTAL DISTANCE BORED
FROM LP TO BH = 23,732'

BLACKSVILLE QUAD

GRANTTOWN QUAD

McCurdyville

Hoodsville

08/28/2026



GRAPHIC SCALE

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/17/2025
Job End Date:	12/31/2025
State:	West Virginia
County:	Marion
API Number:	47-049-02585-00-00
Operator Name:	Northeast Natural Energy LLC
Well Name and Number:	Green Lakes 1H
Latitude:	39.585592
Longitude:	-80.13127
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	8152.93
Total Base Water Volume (gal)*:	51748916
Total Base Non Water Volume:	0



Water Source	Percent
Groundwater, < 1000TDS	100.00%

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Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection

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
7.5% Hydrochloric Acid	KLX Energy Services	Acid					
FDP-S1540-25	Halliburton	Friction Reducer					
FE-2A	Halliburton	Additive					
Fresh Water	Operator	Base Fluid					
HAI-501	Halliburton	Acid Corrosion Inhibitor					
LEGEND(TM) LD-7750W	MultiChem	Scale Control					
MC B-8123	MultiChem	Biocide					
MC MX 2-2822	MultiChem	Scale Inhibitor					
SAND-COMMON WHITE 40/70	Halliburton	Proppant					

08/28/2026

SAND-COMMON WHITE, 100M	Halliburton	Proppant					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	87.37484	None
			Crystalline silica, quartz	14808-60-7	100.00000	12.42071	None
			Water	7732-18-5	100.00000	0.13843	None
			Complex Amine Compound	Proprietary	60.00000	0.04316	None
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.02158	None
			Hydrochloric acid	7647-01-0	7.50000	0.00837	None
			Methanol	67-56-1	100.00000	0.00625	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00360	None
			Ammonium salt	Proprietary	5.00000	0.00360	None
			Amines, polyethylenepoly-, ethoxylated, phosphonomethylated, sodium salts	70900-16-2	30.00000	0.00357	None
			Glutaraldehyde	111-30-8	30.00000	0.00255	None
			Sodium chloride	7647-14-5	5.00000	0.00081	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00072	None
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00072	None
			Fatty nitrogen derived amides	Proprietary	1.00000	0.00072	None
			Citric acid	77-92-9	60.00000	0.00043	None
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000	0.00043	None
			Phosphoric Acid Salt	Proprietary	5.00000	0.00022	None
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00002	None
			Modified thiourea polymer	Proprietary	30.00000	0.00002	None
			Formaldehyde	50-00-0	0.10000	0.00002	None
			Propargyl alcohol	107-19-7	5.00000	0.00000	None
			Hexadecene	629-73-2	5.00000	0.00000	None
			Ethoxylated alcohols	Proprietary	5.00000	0.00000	None

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

08/28/2026

43 of 43

** 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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Office of Oil and Gas
JUN 32 2026
WV Department of
Environmental Protection

08/28/2026



May 27, 2026

WV Department of Environmental Protection
Office of Oil and Gas Management
601 57th Street, SE
Charleston, WV 25304-2345

RECEIVED
Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection

RE: WR-35 Forms for:

API #'s 47-049-02585, 47-049-02596, 47-049-02588, 47-049-02589
Paw Paw District, Marion County, West Virginia

To Whom It May Concern:

Please find enclosed Northeast Natural Energy LLC's Well Operator's Report of Well Work Forms (WR-35) for the Green Lakes 1H well (API # 47-049-02585), Green Lakes 7H-A well (API #47-049-02596), Green Lakes 11H well (API #47-049-02588), Green Lakes 15H well (API #47-049-02589).

Should you have any questions please feel free to contact me at 304-212-0422 or by email at hmedley@nne-llc.com.

Sincerely,

A handwritten signature in black ink that reads 'Hollie M. Medley'.

Hollie M. Medley
Regulatory Manager