

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

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Office of Oil and Gas

AUG 03 2026

API 47-061-02010 County Monongalia District Battelle
Quad Wadestown Pad Name ERP Field/Pool Name WV Department of Environmental Protection
Farm name Phoenix Energy Resources, LLC Well Number 1H
Operator (as registered with the OOG) Northeast Natural Energy LLC
Address 707 Virginia St. 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 4391780.9 Easting 562314.6
Landing Point of Curve Northing 4391773.8 Easting 561822.1
Bottom Hole Northing 4397020.6 Easting 558210.2

Elevation (ft) 1,338' 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 8/22/25 Date drilling commenced 11/7/25 Date drilling ceased 2/7/26
Date completion activities began 3/19/26 Date completion activities ceased 5/5/26
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 1236' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2523' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 665'-669', 734'-439', 1060'-1065', 1229'-1236' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

Reviewed 08/28/2026
Approved 8-13-26

WR-35
Rev. 8/23/13

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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	CTS
Surface	17.5	13.375	1318'	New	J-55/54.5	NA	Y/50 bbls
Coal							
Intermediate 1	12.25	9.625	2652'	New	J-55/36	NA	N
Intermediate 2							
Intermediate 3							
Production	8.5	5.5	29497'	New	HP P110/23	NA	Y/50 bbls
Tubing							
Packer type and depth set							

Comment Details

WV Department of
Environmental Protection

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	272	N/A	1.18	322	CTS	>72
Surface	Class A	1225	15.6	1.20	1470	CTS	8
Coal							
Intermediate 1	Class A	880	15.6	1.18	1038.4	430'	8
Intermediate 2							
Intermediate 3							
Production	50:50 Class A: POZ	6130	14.5	1.19	7294.7	CTS	>72
Tubing							

Drillers TD (ft) 29562' Loggers TD (ft) 29497'
Deepest formation penetrated Marcellus Plug back to (ft) NA
Plug back procedure NA

Kick off depth (ft) 7560'

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

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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

Marcellus	7,994'	TVD	22,548'	MD
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Please insert additional pages as applicable.

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

SHUT-IN PRESSURE Surface 3917 psi Bottom Hole 5223 psi DURATION OF TEST 24 hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
3013 mcfpd bpd bpd bpd ☐ Estimated ☒ Orifice ☐ Pilot

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

[illegible]

Please insert additional pages as applicable.

Drilling Contractor Highlands/ Patterson UTI
Address 130 Meadow Ridge Rd Ste 44/ 67090 Executive Dr. City Mt. Morris/ St. Clairsville State PA/OH Zip 15349/43950

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

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

Stimulating Company Evolution
Address 1780 Hughes Landing Blvd. Ste 125 City The Woodlands State TX Zip 77380

Please insert additional pages as applicable.

Completed by Hollie Medley Telephone 304-212-0422
Signature [Signature] Title Regulatory Manager Date 7-27-20

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

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ERP 1H
Stimulation Report

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	3/19/2026	5,920	11,976	11,756	92	1,033	10,931	301,200	645	151
2	3/19/2026	4,853	7,076	11,146	85	429	11,090	486,060	621	151
3	3/20/2026	5,307	6,456	11,751	86	330	11,990	501,140	615	175
4	3/20/2026	5,367	6,693	11,725	96	266	10,604	501,200	620	122
5	3/21/2026	6,303	6,766	11,473	90	2	10,407	504,240	612	123
6	3/21/2026	5,295	5,832	11,379	93	2	12,156	500,960	600	150
7	3/21/2026	4,620	5,574	11,385	92	2	10,657	500,908	598	126
8	3/21/2026	5,029	5,488	11,474	92	2	10,509	507,440	598	121
9	3/22/2026	6,314	6,461	11,774	91	2	10,423	508,160	584	122
10	3/22/2026	6,200	6,467	11,583	93	2	10,487	502,800	584	119
11	3/23/2026	5,354	7,278	11,703	94	2	10,599	501,080	581	121
12	3/23/2026	5,165	6,931	11,636	94	2	10,663	502,420	575	123
13	3/24/2026	5,890	6,796	11,412	92	2	10,564	504,260	611	122
14	3/24/2026	5,087	7,047	11,552	94	2	10,558	500,680	568	121
15	3/24/2026	5,896	6,792	11,618	95	2	10,631	502,340	625	121
16	3/25/2026	5,089	5,876	11,549	95	2	10,584	501,500	558	120
17	3/25/2026	6,452	7,441	11,492	94	2	10,505	501,320	589	120
18	3/26/2026	6,455	6,474	11,562	93	2	10,359	497,880	589	118
19	3/26/2026	6,820	7,202	11,628	89	2	13,115	500,260	598	169
20	3/27/2026	6,309	6,709	11,549	93	2	10,868	505,540	541	124
21	3/27/2026	6,210	7,194	11,364	92	2	10,601	499,960	566	123
22	3/28/2026	6,054	7,116	11,718	93	2	10,454	503,080	563	120
23	3/28/2026	6,615	6,958	11,259	93	2	10,535	500,720	537	120
24	3/28/2026	6,458	5,139	11,147	94	2	10,305	493,380	568	119
25	3/29/2026	6,664	7,373	11,307	94	2	10,499	502,280	567	118
26	3/29/2026	5,965	7,202	11,150	95	2	10,511	501,520	548	117
27	3/30/2026	6,730	6,893	11,266	95	2	10,515	499,920	513	119
28	3/30/2026	5,985	6,952	11,767	92	2	10,466	501,100	580	121
29	3/31/2026	5,726	6,727	11,304	94	2	10,543	504,120	505	119
30	3/31/2026	6,083	6,987	11,196	93	2	10,877	502,660	561	126
31	4/1/2026	6,150	6,216	11,459	94	2	10,510	509,520	496	120
32	4/2/2026	5,684	7,760	11,569	93	2	10,302	504,160	532	118
33	4/2/2026	6,022	7,723	11,486	91	100	11,893	500,320	487	137
34	4/3/2026	5,865	6,813	11,348	100	2	10,603	491,020	497	119
35	4/3/2026	6,368	7,542	11,537	100	2	10,549	504,860	478	119
36	4/4/2026	6,890	6,693	11,392	100	2	10,338	497,500	474	116
37	4/4/2026	6,368	7,331	11,171	98	2	10,171	502,340	603	118
38	4/5/2026	6,724	6,405	11,760	100	3	10,444	501,980	470	117
39	4/5/2026	5,962	7,751	11,715	100	2	10,463	504,060	495	117
40	4/6/2026	6,922	5,746	11,180	100	2	10,465	500,340	458	117
41	4/6/2026	6,105	7,668	11,766	100	487	10,288	499,820	487	117
42	4/7/2026	6,575	6,920	11,794	100	2	10,395	497,000	449	117
43	4/7/2026	6,750	7,193	11,703	100	2	10,434	499,280	445	116
44	4/8/2026	5,627	4,940	11,365	100	2	10,106	499,860	474	115
45	4/8/2026	6,271	6,991	11,766	100	2	10,459	505,532	436	118

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46	4/9/2026	5,655	5,909	11,356	100	2	10,491	500,360	430	119
47	4/9/2026	6,356	7,984	10,449	100	2	10,534	502,860	427	119
48	4/9/2026	6,166	7,157	11,621	100	2	10,192	499,520	458	113
49	4/10/2026	5,780	5,217	11,270	100	2	10,541	506,700	452	118
50	4/10/2026	5,238	7,708	11,438	100	2	10,548	499,120	414	120
51	4/10/2026	5,780	7,377	11,581	100	2	10,404	501,080	447	116
52	4/11/2026	5,257	7,633	11,342	100	2	10,508	502,960	408	119
53	4/11/2026	6,209	7,878	11,344	100	2	10,677	504,220	441	120
54	4/12/2026	5,430	7,539	11,338	100	2	10,636	503,580	399	124
55	4/12/2026	5,935	7,640	11,416	100	2	10,380	497,460	431	116
56	4/13/2026	5,664	7,987	11,566	100	2	10,508	501,280	390	119
57	4/13/2026	6,343	7,795	11,289	100	2	10,438	502,960	421	117
58	4/14/2026	5,722	7,725	11,355	100	2	10,504	495,380	380	120
59	4/14/2026	6,005	7,686	11,341	100	2	10,429	498,580	410	117
60	4/15/2026	5,643	7,580	11,476	100	2	10,441	504,020	373	118
61	4/16/2026	6,121	7,432	11,098	100	2	10,318	496,000	402	115
62	4/16/2026	5,651	5,756	10,936	100	2	10,481	495,820	36	118
63	4/17/2026	6,130	7,296	11,147	100	2	10,161	498,480	417	116
64	4/17/2026	6,667	8,535	11,196	100	2	11,974	504,200	402	144
65	4/18/2026	5,933	5,681	11,281	100	2	10,429	500,940	349	117
66	4/18/2026	6,458	8,773	11,099	100	2	10,305	496,760	387	117
67	4/19/2026	5,702	8,011	11,086	100	2	10,363	495,980	341	117
68	4/20/2026	6,520	7,660	10,795	100	2	10,342	500,200	374	117
69	4/20/2026	5,739	8,626	11,250	100	2	10,400	501,140	334	117
70	4/21/2026	6,420	7,985	10,700	100	429	10,349	503,080	418	117
71	4/21/2026	6,430	6,312	10,504	100	2	10,407	500,820	413	119
72	4/22/2026	5,808	7,437	10,646	100	2	10,373	496,560	322	117
73	4/22/2026	6,379	8,788	10,699	100	2	10,337	493,560	362	115
74	4/23/2026	6,311	5,426	10,318	100	2	10,279	497,200	366	115
75	4/23/2026	6,765	7,484	10,373	100	2	10,298	505,440	309	115
76	4/24/2026	6,320	7,482	10,300	100	2	10,312	496,340	415	116
77	4/24/2026	6,877	8,662	10,348	100	2	10,225	499,700	300	113
78	4/24/2026	6,706	7,332	10,052	98	2	10,357	501,460	333	117
79	4/25/2026	6,491	5,245	10,078	100	2	10,172	496,420	292	113
80	4/25/2026	6,340	8,242	10,313	100	2	10,169	495,460	288	113
81	4/26/2026	6,484	7,267	10,056	100	2	10,262	506,540	334	114
82	4/26/2026	5,782	8,244	10,034	100	2	10,100	497,860	279	112
83	4/27/2026	6,456	8,128	10,094	100	2	10,173	497,820	328	114
84	4/27/2026	5,610	8,403	10,345	100	2	10,147	497,860	271	112
85	4/27/2026	5,877	8,356	10,329	100	2	10,330	501,000	356	119
86	4/28/2026	5,650	8,843	10,244	100	2	10,177	499,340	262	116
87	4/28/2026	5,792	9,120	10,195	100	2	10,169	494,500	259	112
88	4/29/2026	6,441	7,816	9,941	100	2	10,194	494,800	309	115
89	4/29/2026	5,693	7,733	9,979	100	2	10,096	495,540	249	110
90	4/29/2026	6,069	7,369	9,995	100	2	10,293	501,920	354	113
91	4/30/2026	5,950	8,175	9,843	100	2	10,120	494,640	291	109
92	4/30/2026	6,102	7,935	9,956	100	2	10,265	504,160	277	113
93	4/30/2026	5,980	7,994	9,830	100	2	10,244	502,740	233	112
94	5/1/2026	6,182	7,493	9,751	100	2	10,227	494,380	228	113
95	5/1/2026	6,370	8,104	9,840	100	2	10,251	498,780	259	112
96	5/2/2026	6,061	8,730	9,991	100	2	10,155	497,600	218	112

97	5/2/2026	6,084	8,394	9,766	100	2	10,177	492,660	252	113
98	5/2/2026	6,504	8,331	9,755	100	2	10,025	497,240	210	109
99	5/3/2026	6,215	7,825	9,730	100	2	10,098	496,640	237	111
100	5/3/2026	5,795	8,022	9,354	100	2	10,109	494,140	233	109
101	5/3/2026	5,786	7,741	9,628	100	2	10,119	500,700	200	115
102	5/4/2026	6,370	8,197	9,499	100	2	9,998	498,560	197	110
103	5/4/2026	5,508	7,335	9,468	100	2	10,228	493,860	225	119
104	5/4/2026	5,933	8,389	9,309	100	2	10,017	495,660	188	109
105	5/5/2026	6,427	7,847	9,017	100	2	10,066	499,040	180	110
106	5/5/2026	5,441	8,316	8,938	100	2	10,167	496,740	266	111

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Perforation Report				
Stage Number	Report Date	Total Shots	Cluster 1 Top TD	Cluster 5 Bottom TD
1	3/19/2026			29,393
2	3/19/2026	40	29,350	29,191
3	3/20/2026	40	29,149	28,991
4	3/20/2026	40	28,949	28,791
5	3/21/2026	40	28,749	28,591
6	3/21/2026	40	28,549	28,390
7	3/21/2026	40	28,348	28,190
8	3/21/2026	40	28,148	27,990
9	3/22/2026	40	27,948	27,790
10	3/22/2026	40	27,748	27,589
11	3/23/2026	40	27,547	27,389
12	3/23/2026	40	27,347	27,189
13	3/24/2026	40	27,147	26,989
14	3/24/2026	40	26,947	26,788
15	3/24/2026	40	26,746	26,588
16	3/25/2026	40	26,546	26,388
17	3/25/2026	40	26,346	26,188
18	3/26/2026	40	26,146	25,987
19	3/26/2026	40	25,945	25,787
20	3/27/2026	40	25,745	25,587
21	3/27/2026	40	25,545	25,387
22	3/28/2026	40	25,345	25,186
23	3/28/2026	40	25,144	24,986
24	3/28/2026	40	24,944	24,786
25	3/29/2026	40	24,744	24,586
26	3/29/2026	40	24,544	24,385
27	3/30/2026	40	24,343	24,185
28	3/30/2026	40	24,143	23,985
29	3/31/2026	40	23,943	23,785
30	3/31/2026	40	23,743	23,584
31	4/1/2026	40	23,542	23,384
32	4/2/2026	40	23,342	23,184
33	4/2/2026	40	23,142	22,984
34	4/3/2026	40	22,942	22,783
35	4/3/2026	40	22,741	22,583
36	4/4/2026	40	22,541	22,383
37	4/4/2026	40	22,341	22,183
38	4/5/2026	40	22,141	21,982
39	4/5/2026	40	21,940	21,782
40	4/6/2026	40	21,740	21,582
41	4/6/2026	40	21,540	21,382
42	4/7/2026	40	21,340	21,181

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43	4/7/2026	40	21,139	20,981
44	4/8/2026	40	20,939	20,781
45	4/8/2026	40	20,739	20,581
46	4/9/2026	40	20,539	20,380
47	4/9/2026	40	20,338	20,180
48	4/9/2026	40	20,138	19,980
49	4/10/2026	40	19,938	19,780
50	4/10/2026	40	19,738	19,579
51	4/10/2026	40	19,537	19,379
52	4/11/2026	40	19,337	19,179
53	4/11/2026	40	19,137	18,979
54	4/12/2026	40	18,937	18,778
55	4/12/2026	40	18,736	18,578
56	4/13/2026	40	18,536	18,378
57	4/13/2026	40	18,336	18,178
58	4/14/2026	40	18,136	17,977
59	4/14/2026	40	17,935	17,777
60	4/15/2026	40	17,735	17,577
61	4/16/2026	40	17,535	17,377
62	4/16/2026	40	17,335	17,176
63	4/17/2026	40	17,134	16,976
64	4/17/2026	40	16,934	16,776
65	4/18/2026	40	16,734	16,576
66	4/18/2026	40	16,534	16,375
67	4/19/2026	40	16,333	16,175
68	4/20/2026	40	16,133	15,975
69	4/20/2026	40	15,933	15,775
70	4/21/2026	40	15,733	15,574
71	4/21/2026	40	15,532	15,374
72	4/22/2026	40	15,332	15,174
73	4/22/2026	40	15,132	14,974
74	4/23/2026	40	14,932	14,773
75	4/23/2026	40	14,731	14,573
76	4/24/2026	40	14,531	14,373
77	4/24/2026	40	14,331	14,173
78	4/24/2026	40	14,131	13,972
79	4/25/2026	40	13,930	13,772
80	4/25/2026	40	13,730	13,572
81	4/26/2026	40	13,530	13,372
82	4/26/2026	40	13,330	13,171
83	4/27/2026	40	13,129	12,971
84	4/27/2026	40	12,929	12,771
85	4/27/2026	40	12,729	12,571
86	4/28/2026	40	12,529	12,370
87	4/28/2026	40	12,328	12,170
88	4/29/2026	40	12,128	11,970
89	4/29/2026	40	11,928	11,770

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90	4/29/2026	40	11,728	11,569
91	4/30/2026	40	11,527	11,369
92	4/30/2026	40	11,327	11,169
93	4/30/2026	40	11,127	10,969
94	5/1/2026	40	10,927	10,768
95	5/1/2026	40	10,726	10,568
96	5/2/2026	40	10,526	10,368
97	5/2/2026	40	10,326	10,168
98	5/2/2026	40	10,126	9,967
99	5/3/2026	40	9,925	9,767
100	5/3/2026	40	9,725	9,567
101	5/3/2026	40	9,525	9,367
102	5/4/2026	40	9,325	9,166
103	5/4/2026	40	9,124	8,966
104	5/4/2026	40	8,924	8,766
105	5/5/2026	40	8,724	8,566
106	5/5/2026	40	8,524	8,365

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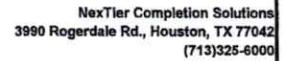
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12-28-21

ERP North 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	300	Sand/silt
Sand/red shale	300	575	Sand/red shale
sandstone/siltstone/red silt	575	665	sandstone/siltstone/red silt
Washington coal	665	669	coal
siltstone/sandstone/limestone	669	734	carbonaceous silt/sandstone
Waynesburg coal	734	739	Waynesburg coal
sandstone/limestone	739	1060	sandstone/limestone
Sewickley Coal	1060	1065	Sewickley Coal
Limestone/siltstone/red beds	1065	1229	Limestone/siltstone/red beds
Pittsburgh coal	1229	1236	Pittsburgh coal
Limestone/siltstone	1236	1300	Limestone/siltstone
Red Rock/siltstone/limestone	1300	2060	Red Rock/siltstone/limestone
siltstone/sandstone	2060	2199	siltstone/sandstone
Little Lime	2199	2259	Little Lime
Big Lime	2259	2364	Limestone
Big Injun	2364	2523	Sandstone
Sand/silt	2523	2584	Sand/silt
Gantz	2584	2591	Sandstone
Sand/shale	2591	2968	Sand/shale
Gordon	2968	3060	Sandstone
Siltstone/sandstone	3060	3230	Siltstone/sandstone
Fourth Sand	3230	3340	Sandstone
siltstone/sandstone	3340	5200	siltstone/sandstone
Gray shale/siltstone	5200	7384	Gray shale/siltstone
Middlesex	7384	7633	Middlesex
Burkett	7633	7800	Burkett
Geneseo	7800	7848	Geneseo
Tully	7848	7896	Tully
Hamilton	7896	7977	Hamilton
Marcellus	7977	8102	Marcellus

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08/28/2026

NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

[illegible]

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Comments/Additional Details:	
No cement to surface / Partial spacer	 Service Supervisor
	Date 23-Nov-25

08/28/2026

08/28/2026

	PROPERTY OWNER INDEX
1-3-14	JAMES EDWARD & EARL LYNN TAYLOR
1-3-15.1	JAMES EDWARD & EARL LYNN TAYLOR
1-3-17	CNX LAND LLC
1-7-8.2	TRACY L & BRYAN KEITH MARTIN
1-7-18	RIFF ALLEN HENNEN
1-7-19.1	BROOKS FORD LLC
1-7-20	RICKY LEE & KATHRYN CROSS
1-7-20.4	DEBORAH LYNN SIMPSON
1-7-22	RANDY A HENNEN
1-7-22.4	ROBERT DARRYL HENNEN
1-7-23	RANDY A HENNEN
1-8-29	CNX LAND LLC
1-8-30	CONSOL MINING COMPANY LLC
1-8-30.1	CONSOL MINING COMPANY LLC
1-8-31.1	WARREN H VARNER JR
1-8-31.3	BERNARD A & MELISSA A RABER
1-8-31.4	GAIL FREELAND
1-14-6.1	4 BROTHERS LLC
1-14-10.1	MARK A & DEBRA WILLIAMS
1-14-10.2	DAVID W & CHERYL A WILLIAMS
1-14-11	RICHARD E SHRIVER
1-14-12	RUSSELL L & VIRGINIA M TOOTHMAN
1-14-13	JOSEPH CARL & SUSAN E TOOTHMAN
1-14-14	RUSSELL L & VIRGINIA M TOOTHMAN
1-14-18.1	NORMA WILLIAMS
1-14-19.1	PHOENIX FEDERAL MINING COMPLEX LLC
1-17-14	PHOENIX FEDERAL MINING COMPLEX LLC

	LEASE INDEX		
A	WV-061-005667-001	N	WV-061-005924-001
B	WV-061-005667-001	O	WV-061-000195-001-JOA
C	WV-061-005696-001	P	WV-061-000195-001-JOA
D	WV-061-006394-001	Q	WV-061-000195-001-JOA
E	WV-061-005329-015	R	WV-061-006689-001
F	WV-061-005836-005	S	WV-061-000195-001-JOA
G	WV-061-000195-001-JOA	T	WV-061-005819-004
H	WV-061-004334-002	U	WV-061-000195-001-JOA
I	WV-061-005842-008	V	WV-061-006965-001
J	WV-061-000195-001-JOA		
K	WV-061-000195-001-JOA		
L	WV-061-005947-001		
M	WV-061-005925-001		

08/28/2026

FILE #: NEE20	DATE: JULY 8, 2026
DRAWING #: 3057	OPERATOR'S WELL #: ERP 1H AS-DRILLED
SCALE: N/A	API WELL #: 47 61 02010 STATE COUNTY PERMIT

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	03/19/2026
Job End Date:	05/05/2026
State:	West Virginia
County:	Monongalia
API Number:	47-061-02010-00-00
Operator Name:	Northeast Natural Energy LLC
Well Name and Number:	ERP 1H
Latitude:	39.673579
Longitude:	-80.273427
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	8079
Total Base Water Volume (gal)*:	48810468
Total Base Non Water Volume:	0



Water Source	Percent
Surface Water, < 1000TDS	85.00%
Other, > 1000TDS	15.00%

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	Operator	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	89.00416	None
Sand (100 Mesh Proppant)	Operator	Proppant					
			Crystalline Silica (quartz)	14808-60-7	100.00000	9.85451	None
Sand (40/70 White Proppant)	Operator	Proppant					
			Crystalline Silica (quartz)	14808-60-7	100.00000	1.03023	None
StimSTREAM FR 9800	Chemstream	Friction Reducer					
			Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate copolymer	69418-26-4	40.00000	0.08575	None
			Alkanes, C12-26-branched and linear	90622-53-0	40.00000	0.02247	None
			Water	7732-18-5	15.00000	0.00842	None

08/28/2026

			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00281	None
Other Chemical(s)	Listed Above	See Trade Name(s) List					
			Alkanes, C12-26-branched and linear	90622-53-0	40.00000	0.02247	None
			Water	7732-18-5	90.00000	0.01734	None
			Water	7732-18-5	15.00000	0.00842	None
			pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides	68909-18-2	25.00000	0.00520	None
			Ethoxylated Alcohols	Proprietary	15.00000	0.00312	None
			Ethanoic Acid	Proprietary	15.00000	0.00312	None
			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00281	None
			Not Listed	Proprietary	10.00000	0.00208	None
			Not Listed	Proprietary	10.00000	0.00208	None
			AA/Maleic Anhydride Co-polymer	9003-04-7	10.00000	0.00149	None
			2-ethylhexanol	104-76-7	5.00000	0.00104	None
			Ethoxylated Nonylphenols	127087-87-0	5.00000	0.00104	None
			Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	3.00000	0.00058	None
			Didecyldimethylammonium Chloride	7173-51-5	3.00000	0.00058	None
EZ-A 431	Obsidian	Acid					
			Methanol	67-56-1	25.00000	0.00520	None
			pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides	68909-18-2	25.00000	0.00520	None
			Ethanoic Acid	Proprietary	15.00000	0.00312	None
			Ethoxylated Alcohols	Proprietary	15.00000	0.00312	None
			Not Listed	Proprietary	10.00000	0.00208	None
			Not Listed	Proprietary	10.00000	0.00208	None
			2-ethylhexanol	104-76-7	5.00000	0.00104	None
			Ethoxylated Nonylphenols	127087-87-0	5.00000	0.00104	None
Clearal 268A	Chemstream	Biocide					
			Water	7732-18-5	90.00000	0.01734	None
			Glutaraldehyde	111-30-8	20.00000	0.00385	None
			Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	3.00000	0.00058	None

			Didecyldimethylammonium Chloride	7173-51-5	3.00000	0.00058	None
StimSTREAM SC 810	Chemstream	Scale Control					
			AA/Maleic Anhydride Co-polymer	9003-04-7	10.00000	0.00149	None
			AA/ATBS Co-polymer	9003-05-8	10.00000	0.00149	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)



July 29, 2026

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

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RE: WR-35 Forms for:
API #'s 47-061-02010, 47-061-02011, 47-061-02012, 47-061-02013
Battelle District, Monongalia 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 ERP 1H well (API # 47-061-02010), ERP 3H well (API #47-061-02011), ERP 7H well (API #47-061-02012), and ERP 11H well (API #47-061-02013).

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 blue ink that reads 'Hollie M. Medley'.

Hollie M. Medley
Regulatory Manager