

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

WV Department of
Environmental Protection

API 47 - 061 - 02012 County Monongalia District Battelle
Quad Wadestown Pad Name ERP Field/Pool Name _____
Farm name Phoenix Energy Resources, LLC Well Number 7H
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 4391776.9 Easting 562310.1
Landing Point of Curve Northing 4391616.6 Easting 561617.3
Bottom Hole Northing 4397017.3 Easting 557856.8

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 11/5/25 Date drilling ceased 2/17/26
Date completion activities began 3/19/26 Date completion activities ceased 5/6/26
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'-739', 1060'-1065', 1229'-1236' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by: [Signature]
Approved [Signature]
08/28/2026
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	1339'	New	J-55/54.5	535.2	Y/55 bbls
Coal							
Intermediate 1	12.25"	9.625	2651'	New	J-55/36	1295.8	Y/52 bbls
Intermediate 2							
Intermediate 3							
Production	8.5"	5.5	30390'	New	HP P110/23	NA	N
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	1035	15.6	1.18	1221.3	CTS	8
Intermediate 2							
Intermediate 3							
Production	50:50 Class A: POZ	5565	14.5	1.19	6622.35	2026'	>72
Tubing							

Drillers TD (ft) 30,471' Loggers TD (ft) 30,390'
Deepest formation penetrated Marcellus Plug back to (ft) NA
Plug back procedure NA

Kick off depth (ft) 7800'

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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API 47-061 - 02012 Farm name Phoenix Energy Resources, LLC Well number 7H

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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ERP 7H

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	5,088	6,852	11,532	86	429	7,374	299,720	643	101
2	3/20/2026	4,668	8,266	11,900	85	75	10,842	502,160	636	141
3	3/20/2026	6,101	6,992	11,571	90	30	10,297	505,940	644	127
4	3/21/2026	5,860	7,181	11,844	90	2	10,443	500,980	629	127
5	3/21/2026	4,990	6,362	11,908	91	2	10,723	505,696	624	128
6	3/21/2026	5,018	7,265	11,809	90	2	10,580	499,020	618	127
7	3/21/2026	5,860	7,316	11,770	91	2	10,363	501,280	612	122
8	3/22/2026	4,932	7,309	11,747	93	2	11,332	495,270	615	145
9	3/23/2026	5,372	7,588	11,552	90	2	10,540	500,980	606	126
10	3/23/2026	4,949	7,790	11,876	91	2	10,555	500,360	603	125
11	3/23/2026	6,027	7,173	11,706	93	2	10,543	501,060	633	122
12	3/24/2026	5,896	6,989	11,859	91	2	10,443	504,040	630	124
13	3/24/2026	5,279	6,708	11,740	93	2	10,602	501,280	591	122
14	3/25/2026	5,896	6,778	11,718	92	2	10,531	500,740	620	121
15	3/25/2026	5,483	6,986	11,731	94	2	10,571	502,840	581	121
16	3/25/2026	6,210	7,004	11,897	92	2	11,154	501,240	614	131
17	3/26/2026	6,490	7,114	11,812	93	2	10,616	503,960	571	122
18	3/26/2026	5,960	6,730	11,452	90	2	10,583	500,138	600	123
19	3/27/2026	6,154	6,437	11,661	95	2	11,106	503,320	566	124
20	3/28/2026	6,490	6,668	11,423	92	2	10,834	501,680	601	124
21	3/28/2026	6,419	6,516	11,499	94	2	10,625	455,664	557	120
22	3/28/2026	6,420	5,744	11,417	94	2	10,403	505,780	599	117
23	3/29/2026	5,890	6,738	11,576	94	2	10,396	503,520	586	119
24	3/29/2026	7,284	6,922	11,491	94	2	10,628	502,420	542	124
25	3/30/2026	6,196	7,172	11,500	94	2	10,536	507,600	574	116
26	3/30/2026	6,754	6,710	11,550	95	2	10,610	504,600	534	119
27	3/31/2026	5,942	7,110	11,434	92	2	10,332	500,600	586	119
28	3/31/2026	6,117	6,903	11,529	94	2	10,605	502,120	529	118
29	4/1/2026	5,763	6,317	11,231	92	2	10,601	510,600	577	454
30	4/1/2026	6,247	7,373	11,314	94	2	11,267	510,420	513	126
31	4/2/2026	6,288	6,875	11,363	92	2	10,340	510,880	561	118
32	4/2/2026	5,739	6,960	10,992	90	100	10,775	500,240	508	128
33	4/3/2026	5,871	4,141	11,265	100	2	10,665	496,300	521	119
34	4/3/2026	6,591	6,420	11,735	100	2	10,474	497,180	501	117
35	4/4/2026	6,870	6,397	11,579	100	2	10,520	505,740	496	118
36	4/5/2026	6,233	6,455	11,844	98	2	10,492	503,780	523	670
37	4/5/2026	6,704	6,490	11,732	100	2	10,499	500,280	488	117
38	4/5/2026	5,692	5,619	11,252	100	2	10,501	501,460	513	117
39	4/6/2026	6,470	5,951	11,872	100	2	10,430	500,660	478	116
40	4/7/2026	5,711	4,497	11,749	100	2	10,533	505,340	514	119
41	4/7/2026	6,467	6,661	11,873	100	2	10,479	497,560	470	118
42	4/7/2026	5,740	5,664	11,585	100	2	10,346	504,500	495	116
43	4/8/2026	6,444	6,572	11,755	100	2	10,429	496,040	459	118
44	4/8/2026	5,779	5,286	11,867	100	2	10,466	499,160	530	119
45	4/10/2026	6,290	6,145	11,610	100	2	10,525	504,080	486	116

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46	4/10/2026	5,037	5,854	11,596	100	2	10,597	503,820	448	120
47	4/10/2026	5,817	4,929	11,573	100	2	10,276	500,080	480	115
48	4/11/2026	5,042	6,464	11,574	100	2	10,512	498,720	444	118
49	4/11/2026	5,606	4,834	11,396	100	2	10,342	492,400	470	115
50	4/12/2026	5,294	5,272	11,381	100	2	10,522	500,928	432	119
51	4/13/2026	6,350	7,303	11,397	100	2	10,401	500,980	467	115
52	4/13/2026	5,375	7,344	11,047	100	2	10,480	496,920	427	118
53	4/13/2026	5,729	6,712	11,123	100	2	10,503	503,920	453	118
54	4/14/2026	5,380	5,665	11,134	100	2	10,551	499,700	417	120
55	4/15/2026	5,558	7,051	11,239	100	2	10,403	499,840	442	116
56	4/15/2026	5,317	7,316	10,437	100	2	11,384	499,960	500	133
57	4/16/2026	5,268	7,480	11,270	100	2	10,483	500,620	400	119
58	4/16/2026	6,399	5,786	11,017	100	2	10,431	500,120	435	118
59	4/17/2026	5,324	5,224	10,984	100	2	10,529	505,560	393	120
60	4/17/2026	6,258	7,344	10,695	95	2	10,290	502,180	419	123
61	4/18/2026	5,437	7,612	11,124	100	2	10,443	506,820	384	119
62	4/19/2026	6,101	7,830	11,122	100	2	10,297	497,220	409	116
63	4/19/2026	5,384	7,984	11,199	100	2	10,398	500,600	372	118
64	4/20/2026	6,456	7,687	11,063	100	2	10,271	497,720	416	118
65	4/20/2026	6,492	7,901	11,397	100	2	10,843	496,180	412	118
66	4/21/2026	6,639	7,290	11,154	100	2	10,384	497,440	362	123
67	4/21/2026	6,316	6,827	11,032	100	2	10,261	496,080	386	117
68	4/22/2026	5,937	7,738	11,064	100	2	10,381	497,820	353	118
69	4/22/2026	6,222	7,489	10,750	100	2	10,330	501,420	414	117
70	4/23/2026	6,490	8,123	10,994	100	2	10,336	496,980	345	115
71	4/23/2026	6,447	8,196	10,950	100	2	10,235	499,280	340	114
72	4/24/2026	6,256	5,387	10,500	100	2	10,372	504,760	378	118
73	4/24/2026	6,525	8,553	10,732	100	2	10,275	498,740	332	114
74	4/24/2026	6,389	7,790	10,608	100	2	10,392	505,120	370	117
75	4/25/2026	6,133	8,101	10,789	100	2	10,257	501,088	323	113
76	4/25/2026	6,323	8,562	10,498	100	2	10,227	496,860	361	117
77	4/26/2026	6,458	7,603	10,468	100	2	10,119	495,680	315	116
78	4/26/2026	6,737	7,930	10,345	100	2	10,245	500,760	310	114
79	4/27/2026	6,327	8,189	10,438	100	2	10,208	496,142	372	113
80	4/27/2026	6,324	6,004	10,421	100	2	10,140	496,940	306	112
81	4/27/2026	6,545	8,020	10,296	100	2	10,333	495,860	389	116
82	4/28/2026	6,285	8,369	10,356	100	2	10,200	495,840	293	113
83	4/28/2026	5,457	8,563	10,455	100	2	10,126	494,100	291	111
84	4/29/2026	6,356	8,422	10,229	100	2	10,261	496,960	337	116
85	4/29/2026	6,102	7,418	10,182	100	2	10,224	499,860	286	112
86	4/29/2026	6,210	8,814	10,151	100	2	10,296	504,000	330	116
87	4/30/2026	6,063	8,782	10,256	100	2	10,252	500,180	272	116
88	4/30/2026	6,257	7,982	9,788	100	2	10,196	494,480	306	111
89	5/1/2026	6,159	8,366	9,891	100	2	10,221	499,640	263	112
90	5/1/2026	6,153	8,036	9,845	100	2	10,247	492,800	295	112
91	5/1/2026	6,427	9,233	9,796	100	2	10,202	494,020	256	112
92	5/2/2026	6,585	7,997	9,931	100	2	10,259	503,280	250	112
93	5/2/2026	5,801	8,541	9,738	100	2	10,313	494,300	278	113
94	5/2/2026	6,191	7,879	9,763	100	2	10,104	505,260	240	111
95	5/3/2026	5,572	9,433	10,149	100	2	10,307	498,300	266	113
96	5/3/2026	5,537	8,624	9,973	100	2	10,172	494,520	248	111

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97	5/3/2026	6,744	7,792	9,826	100	2	10,087	498,280	229	111
98	5/4/2026	6,420	8,781	9,916	100	2	10,083	497,040	224	111
99	5/4/2026	4,895	5,877	9,529	100	2	10,181	491,960	254	114
100	5/4/2026	5,829	8,377	9,658	100	2	10,058	496,720	213	111
101	5/5/2026	5,626	8,255	9,607	100	2	10,200	504,760	213	112
102	5/5/2026	5,844	8,548	9,863	100	2	10,117	496,900	241	111
103	5/5/2026	6,487	6,991	9,674	100	2	10,107	494,300	202	110
104	5/5/2026	6,197	7,038	9,560	100	2	9,801	494,340	198	109
105	5/5/2026	5,976	8,200	9,523	100	2	10,064	497,780	194	110
106	5/6/2026	6,132	7,765	9,209	100	2	10,072	495,500	188	111
107	5/6/2026	6,283	7,726	9,655	100	2	11,029	501,760	187	121

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Perforation Report				
Stage Number	Report Date	Total Shots	Cluster 1 Top TD	Cluster 5 Bottom TD
1	3/19/2026			30,281
2	3/20/2026	40	30,237	30,076
3	3/20/2026	40	30,033	29,873
4	3/21/2026	40	29,830	29,670
5	3/21/2026	40	29,627	29,467
6	3/21/2026	40	29,424	29,264
7	3/21/2026	40	29,221	29,061
8	3/22/2026	40	29,018	28,858
9	3/23/2026	40	28,815	28,654
10	3/23/2026	40	28,612	28,451
11	3/23/2026	40	28,409	28,248
12	3/24/2026	40	28,206	28,045
13	3/24/2026	40	28,003	27,842
14	3/25/2026	40	27,800	27,639
15	3/25/2026	40	27,596	27,436
16	3/25/2026	40	27,393	27,233
17	3/26/2026	40	27,190	27,030
18	3/26/2026	40	26,987	26,827
19	3/27/2026	40	26,784	26,624
20	3/28/2026	40	26,581	26,420
21	3/28/2026	40	26,378	26,217
22	3/28/2026	40	26,175	26,014
23	3/29/2026	40	25,972	25,811
24	3/29/2026	40	25,769	25,608
25	3/30/2026	40	25,566	25,405
26	3/30/2026	40	25,362	25,202
27	3/31/2026	40	25,159	24,999
28	3/31/2026	40	24,956	24,796
29	4/1/2026	40	24,753	24,593
30	4/1/2026	40	24,550	24,390
31	4/2/2026	40	24,347	24,187
32	4/2/2026	40	24,144	23,983
33	4/3/2026	40	23,941	23,780
34	4/3/2026	40	23,738	23,577
35	4/4/2026	40	23,535	23,374
36	4/5/2026	40	23,332	23,171
37	4/5/2026	40	23,128	22,968
38	4/5/2026	40	22,925	22,765
39	4/6/2026	40	22,722	22,562
40	4/7/2026	40	22,519	22,359
41	4/7/2026	40	22,316	22,156
42	4/7/2026	40	22,113	21,953

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43	4/8/2026	40	21,910	21,749
44	4/8/2026	40	21,707	21,546
45	4/10/2026	40	21,504	21,343
46	4/10/2026	40	21,301	21,140
47	4/10/2026	40	21,098	20,937
48	4/11/2026	40	20,894	20,734
49	4/11/2026	40	20,691	20,531
50	4/12/2026	40	20,488	20,328
51	4/13/2026	40	20,285	20,125
52	4/13/2026	40	20,082	19,922
53	4/13/2026	40	19,879	19,719
54	4/14/2026	40	19,676	19,515
55	4/15/2026	40	19,473	19,312
56	4/15/2026	40	19,270	19,109
57	4/16/2026	40	19,067	18,906
58	4/16/2026	40	18,864	18,703
59	4/17/2026	40	18,660	18,500
60	4/17/2026	40	18,457	18,297
61	4/18/2026	40	18,254	18,094
62	4/19/2026	40	18,051	17,891
63	4/19/2026	40	17,848	17,688
64	4/20/2026	40	17,645	17,485
65	4/20/2026	40	17,442	17,281
66	4/21/2026	40	17,239	17,078
67	4/21/2026	40	17,036	16,875
68	4/22/2026	40	16,833	16,672
69	4/22/2026	40	16,630	16,469
70	4/23/2026	40	16,426	16,266
71	4/23/2026	40	16,223	16,063
72	4/24/2026	40	16,020	15,860
73	4/24/2026	40	15,817	15,657
74	4/24/2026	40	15,614	15,454
75	4/25/2026	40	15,411	15,251
76	4/25/2026	40	15,208	15,047
77	4/26/2026	40	15,005	14,844
78	4/26/2026	40	14,802	14,641
79	4/27/2026	40	14,599	14,438
80	4/27/2026	40	14,396	14,235
81	4/27/2026	40	14,192	14,032
82	4/28/2026	40	13,989	13,829
83	4/28/2026	40	13,786	13,626
84	4/29/2026	40	13,583	13,423
85	4/29/2026	40	13,380	13,220
86	4/29/2026	40	13,177	13,017
87	4/30/2026	40	12,974	12,813
88	4/30/2026	40	12,771	12,610
89	5/1/2026	40	12,568	12,407

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90	5/1/2026	40	12,365	12,204
91	5/1/2026	40	12,162	12,001
92	5/2/2026	40	11,958	11,798
93	5/2/2026	40	11,755	11,595
94	5/2/2026	40	11,552	11,392
95	5/3/2026	40	11,349	11,189
96	5/3/2026	40	11,146	10,986
97	5/3/2026	40	10,943	10,783
98	5/4/2026	40	10,740	10,579
99	5/4/2026	40	10,537	10,376
100	5/4/2026	40	10,334	10,173
101	5/5/2026	40	10,131	9,970
102	5/5/2026	40	9,928	9,767
103	5/5/2026	40	9,724	9,564
104	5/5/2026	40	9,521	9,361
105	5/5/2026	40	9,318	9,158
106	5/6/2026	40	9,115	8,955
107	5/6/2026	40	8,912	8,752

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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

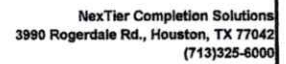
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Environmental Protection

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

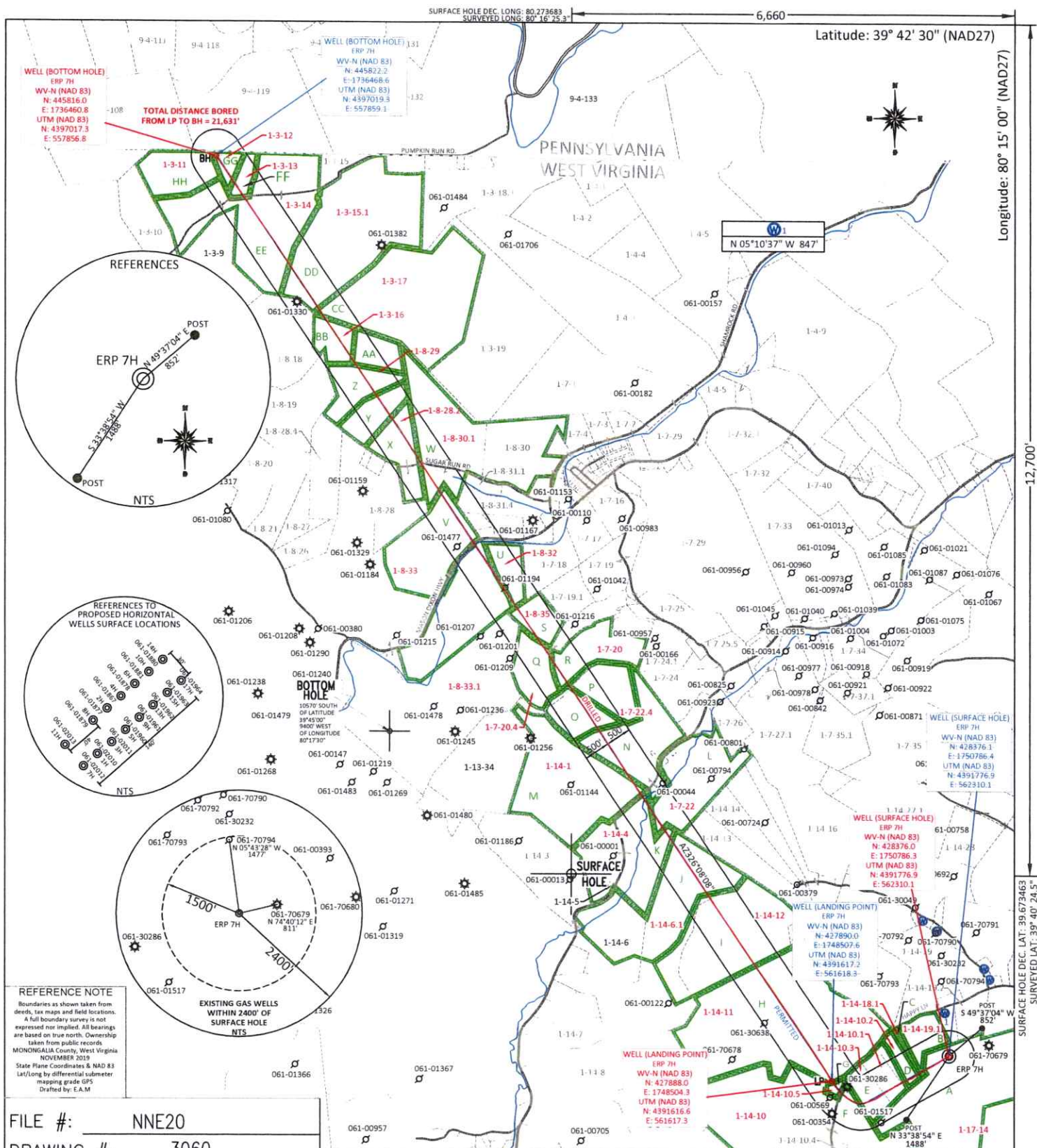
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NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

08/28/2026



FILE #: NNE20

DRAWING #: 3060

SCALE: PLAT: 1" = 2600'
TICK: 1" = 2000'

MINIMUM DEGREE
OF ACCURACY: 1/200

PROVEN SOURCE SUBMETER MAPPING
OF ELEVATION: 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 REGULATIONS ISSUED AND PRESCRIBED BY
THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: 

L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON
UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304
Well Type: ☐ Oil ☐ Waste Disposal
☒ Gas ☐ Liquid Injection
WATERSHED: _____ DUNKARD CREEK
COUNTY/DISTRICT: _____ MONONGALIA /
SURFACE OWNER: _____
OIL & GAS ROYALTY OWNER: _____
LEASE NUMBERS: _____

DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒
 PLUG OFF FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☐
 CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY): _____
 TARGET FORMATION: MARCELLUS DRILLED DEPTH: TVD: 7,939' TMD: 30,471'
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT: JOHN ADAMS
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DATE: JULY 8, 2026

OPERATOR'S WELL #: ERP 7H AS-DRILLED

API WELL #: 47 61 02012

STATE COUNTY PERMIT

AS-BUILT
ELEVATION: 1,338.6'

C QUADRANGLE: WADESTOWN

at al. ACREAGE: 1729.124 +/-

ACREAGE: 157.502 +/-

QUADRANGLE: _____ WADESTOWN
ACREAGE: 1729.124 +/-
ACREAGE: 157.502 +/-
R ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒
NEW FORMATION ☐ PLUG & ABANDON ☐
NGE ☐ (SPECIFY): _____
LLED DEPTH: _____ TVD: 7,939' TMD: 30,471'
SIGNATED AGENT: JOHN ADAMS
DRESS: 707 VIRGINIA STREET EAST, SUITE 1200
Y: CHARLESTON STATE: WV ZIP CODE: 25301

PROPERTY OWNER INDEX	
1-3-11	CONSOL MINING COMPANY LLC
1-3-12	JAMES EDWARD & EARL LYNN TAYLOR
1-3-13	JAMES EDWARD & EARL LYNN TAYLOR
1-3-14	JAMES EDWARD & EARL LYNN TAYLOR
1-3-15.1	JAMES EDWARD & EARL LYNN TAYLOR
1-3-16	CNX LAND LLC
1-3-17	CNX LAND LLC
1-8-28.2	ROBERT C MCCLURE; LIFE: HAROLD N. MCCLURE
1-8-29	CNX LAND LLC
1-8-30.1	CONSOL MINING COMPANY LLC
1-8-32	RIFF ALLEN HENNEN
1-8-33	CNX LAND LLC
1-8-33.1	MASON DIXON HWY
1-8-35	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
1-14-1	DAVID NEIL, DONALD HOWARD; DONALD RALPH & SANDRA LYNN PORTER
1-14-4	SHERRY HARKER
1-14-6.1	4 BROTHERS LLC
1-14-10	MICHAEL A & ANITA K BRAGG (LIFE GEORGE H FOLEY)
1-14-10.1	MARK A & DEBRA WILLIAMS
1-14-10.2	DAVID W & CHERYL A WILLIAMS
1-14-10.3	ROGER E SWANSON
1-14-10.5	BRANDON BRAGG
1-14-11	RICHARD E SHRIVER
1-14-12	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	R	WV-061-005925-001
B	WV-061-005667-001	S	WV-061-000195-001-JOA
C	WV-061-005696-001	T	WV-061-000195-001-JOA
D	WV-061-006394-001	U	WV-061-005855-001
E	WV-061-005329-015	V	WV-061-000195-001-JOA
F	WV-061-004505-012	W	WV-061-006689-001
G	WV-061-004505-012	X	WV-061-006296-001
H	WV-061-005836-005	Y	WV-061-000195-001-JOA
I	WV-061-000195-001-JOA	Z	WV-061-000195-001-JOA
J	WV-061-004334-002	AA	WV-061-000195-001-JOA
K	WV-061-005820-001	BB	WV-061-000195-001-JOA
L	WV-061-000195-001-JOA	CC	WV-061-005819-004
M	WV-061-004813-006	DD	WV-061-000195-001-JOA
	WV-061-004813-001	EE	WV-061-006965-001
N	WV-061-000195-001-JOA	FF	WV-061-006965-001
O	WV-061-005947-001	GG	WV-061-006965-001
P	WV-061-005947-001	HH	WV-061-000195-001-JOA
Q	WV-061-005924-001		

08/28/2026

FILE #: NEE20
DRAWING #: 3060
SCALE: N/A

DATE: JULY 8, 2026
OPERATOR'S WELL #: ERP 7H AS-DRILLED
API WELL #: 47 61 02012
STATE COUNTY PERMIT

370289

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	03/19/2026
Job End Date:	05/06/2026
State:	West Virginia
County:	Monongalia
API Number:	47-061-02012-00-00
Operator Name:	Northeast Natural Energy LLC
Well Name and Number:	ERP 7H
Latitude:	39.673543
Longitude:	-80.273481
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	8062
Total Base Water Volume (gal)*:	49116144
Total Base Non Water Volume:	0



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

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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
Water	Operator	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	89.06211	None
Sand (100 Mesh Proppant)	Operator	Proppant					
			Crystalline Silica (quartz)	14808-60-7	100.00000	9.79713	None
Sand (40/70 White Proppant)	Operator	Proppant					
			Crystalline Silica (quartz)	14808-60-7	100.00000	1.03192	None
StimSTREAM FR 9800	Chemstream	Friction Reducer					
			Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate copolymer	69418-26-4	40.00000	0.08544	None
			Alkanes, C12-26-branched and linear	90622-53-0	40.00000	0.02216	None
			Water	7732-18-5	15.00000	0.00831	None

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380239

			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00277	None
Other Chemical(s)	Listed Above	See Trade Name(s) List					
			Alkanes, C12-26-branched and linear	90622-53-0	40.00000	0.02216	None
			Water	7732-18-5	90.00000	0.01728	None
			Water	7732-18-5	15.00000	0.00831	None
			pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides	68909-18-2	25.00000	0.00498	None
			Ethoxylated Alcohols	Proprietary	15.00000	0.00299	None
			Ethanoic Acid	Proprietary	15.00000	0.00299	None
			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00277	None
			Not Listed	Proprietary	10.00000	0.00199	None
			Not Listed	Proprietary	10.00000	0.00199	None
			AA/Maleic Anhydride Co-polymer	9003-04-7	10.00000	0.00143	None
			2-ethylhexanol	104-76-7	5.00000	0.00100	None
			Ethoxylated Nonylphenols	127087-87-0	5.00000	0.00100	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
Clearal 268A	Chemstream	Biocide					
			Water	7732-18-5	90.00000	0.01728	None
			Glutaraldehyde	111-30-8	20.00000	0.00384	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	0.00498	None
			pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides	68909-18-2	25.00000	0.00498	None
			Ethanoic Acid	Proprietary	15.00000	0.00299	None
			Ethoxylated Alcohols	Proprietary	15.00000	0.00299	None
			Not Listed	Proprietary	10.00000	0.00199	None
			Not Listed	Proprietary	10.00000	0.00199	None
			2-ethylhexanol	104-76-7	5.00000	0.00100	None

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			Ethoxylated Nonylphenols	127087-87-0	5.00000	0.00100	None
StimSTREAM SC 810	Chemstream	Scale Control					
			AA/Maleic Anhydride Co- polymer	9003-04-7	10.00000	0.00143	None
			AA/ATBS Co-polymer	9003-05-8	10.00000	0.00143	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)