

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

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APR 03 2026

API 47 - 061 - 01967 County Monongalia District Clay **WV Department of Environmental Protection**  
Quad Blacksville Pad Name Bunner Field/Pool Name \_\_\_\_\_  
Farm name Patricia A Bunner Well Number 19H  
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 4390589.6 Easting 567086.8  
Landing Point of Curve Northing 4390314.8 Easting 565515.8  
Bottom Hole Northing 4394248.2 Easting 562806.5

Elevation (ft) 1,277' 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-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 9/20/2024 Date drilling commenced 2/4/2025 Date drilling ceased 5/19/2025  
Date completion activities began 7/10/2025 Date completion activities ceased 8/9/2025  
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 860' Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 2364' Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 850' Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by: \_\_\_\_\_

APPROVED APR 14 2026  
*[Signature]*

04/24/2026

API 47-061 - 01967 Farm name Patricia A Bunner Well number 19H

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			Y
Surface	17 1/2	13 3/8	1,295	New	J-55, 54.5	323	Y-41 bbls
Coal							
Intermediate 1	12 1/4	9 5/8	2,590	New	J-55, 36	2,258	Y- 8 bbls
Intermediate 2							
Intermediate 3							
Production	8 1/2	5 1/2	25,857	New	HP P110, 20		Y-25 bbls
Tubing							
Packer type and depth set							

Comment Details **\*\*Intermediate casing become stuck near landout depth and was unable to establish circulate. Received WV State Inspector approval to perforate casing at ~1,900'**

cement to surface through perforations, drill out the intermediate shoe, and set a cement plug at the intermediate shoe. Cement info below is only for the circulated cement through perms. In addition, we cemented our production string to surface.

Surface casing set to cover Red Rock based on previous trips.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Class A	210	15.6	1.18	247	CTS	> 8 hrs
Surface	Class L	1,200	15.6	1.14	1,363	CTS	8 hrs
Coal							
Intermediate 1	Class L	75	15.6	1.12	84	CTS	8 hrs
Intermediate 2							
Intermediate 3							
Production	Class L 50:50 POZ	5,430	14.5	1.16	6,292	CTS	>8 hrs
Tubing							

Drillers TD (ft) 25,930' Loggers TD (ft) 25,857'

Deepest formation penetrated Marcellus Plug back to (ft) \_\_\_\_\_

Plug back procedure \_\_\_\_\_

Kick off depth (ft) 9,472'

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

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WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS \_\_\_\_\_

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WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_

04/24/2026





<b>Bunner 19H</b>				
Perforation Report				
Stage Number	Report Date	Total Shots	Cluster 1 Top TD	Cluster 5 Bottom TD
1	7/10/2025			25,748
2	7/10/2025	40	25,705	25,549
3	7/10/2025	40	25,507	25,351
4	7/11/2025	40	25,309	25,153
5	7/11/2025	40	25,111	24,954
6	7/11/2025	40	24,913	24,756
7	7/12/2025	40	24,715	24,558
8	7/12/2025	40	24,517	24,360
9	7/12/2025	40	24,319	24,162
10	7/13/2025	40	24,121	23,964
11	7/13/2025	40	23,923	23,766
12	7/14/2025	40	23,725	23,568
13	7/14/2025	40	23,527	23,370
14	7/15/2025	40	23,329	23,172
15	7/15/2025	40	23,131	22,974
16	7/16/2025	40	22,933	22,776
17	7/16/2025	40	22,735	22,578
18	7/16/2025	40	22,537	22,380
19	7/17/2025	40	22,338	22,182
20	7/17/2025	40	22,140	21,984
21	7/18/2025	40	21,942	21,786
22	7/18/2025	40	21,744	21,588
23	7/18/2025	40	21,546	21,390
24	7/19/2025	40	21,348	21,192
25	7/19/2025	40	21,150	20,994
26	7/20/2025	40	20,952	20,796
27	7/20/2025	40	20,754	20,598
28	7/20/2025	40	20,556	20,400
29	7/21/2025	40	20,358	20,202
30	7/21/2025	40	20,160	20,004
31	7/21/2025	40	19,962	19,806
32	7/22/2025	40	19,764	19,608
33	7/22/2025	40	19,566	19,410
34	7/23/2025	40	19,368	19,212
35	7/23/2025	40	19,170	19,014
36	7/23/2025	40	18,972	18,816
37	7/24/2025	40	18,774	18,618
38	7/24/2025	40	18,576	18,419
39	7/25/2025	40	18,378	18,221
40	7/25/2025	40	18,180	18,023
41	7/25/2025	40	17,982	17,825
42	7/26/2025	40	17,784	17,627

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43	7/26/2025	40	17,586	17,429
44	7/26/2025	40	17,388	17,231
45	7/27/2025	40	17,190	17,033
46	7/27/2025	40	16,992	16,835
47	7/28/2025	40	16,794	16,637
48	7/28/2025	40	16,596	16,439
49	7/28/2025	40	16,398	16,241
50	7/29/2025	40	16,200	16,043
51	7/29/2025	40	16,002	15,845
52	7/29/2025	40	15,803	15,647
53	7/30/2025	40	15,605	15,449
54	7/30/2025	40	15,407	15,251
55	7/31/2025	40	15,209	15,053
56	7/31/2025	40	15,011	14,855
57	7/31/2025	40	14,813	14,657
58	8/1/2025	40	14,615	14,459
59	8/1/2025	40	14,417	14,261
60	8/2/2025	40	14,219	14,063
61	8/2/2025	40	14,021	13,865
62	8/2/2025	40	13,823	13,667
63	8/3/2025	40	13,625	13,469
64	8/3/2025	40	13,427	13,271
65	8/4/2025	40	13,229	13,073
66	8/4/2025	40	13,031	12,875
67	8/4/2025	40	12,833	12,677
68	8/5/2025	40	12,635	12,479
69	8/5/2025	40	12,437	12,281
70	8/5/2025	40	12,239	12,083
71	8/6/2025	40	12,041	11,885
72	8/6/2025	40	11,843	11,686
73	8/7/2025	40	11,645	11,488
74	8/7/2025	40	11,447	11,290
75	8/7/2025	40	11,249	11,092
76	8/8/2025	40	11,051	10,894
77	8/8/2025	40	10,853	10,696
78	8/8/2025	40	10,655	10,498
79	8/9/2025	40	10,457	10,300
80	8/9/2025	40	10,259	10,102

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## Bunner 19H 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)
1	7/10/2025	3,682	9,472	9,884	78	100	8,374	297,560	569
2	7/10/2025	3,682	9,526	9,968	79	35	10,101	456,540	565
3	7/10/2025	5,649	7,765	9,824	79	25	11,226	455,360	562
4	7/11/2025	5,828	7,224	9,829	80	10	10,278	457,320	556
5	7/11/2025	5,024	7,131	9,858	81	40	9,762	456,360	551
6	7/11/2025	5,881	6,625	9,958	77	10	9,786	458,060	547
7	7/12/2025	5,909	8,035	10,353	84	10	9,718	451,880	543
8	7/12/2025	5,024	6,723	10,265	85	35	9,872	456,920	538
9	7/12/2025	6,234	8,121	10,341	84	10	9,597	453,420	534
10	7/13/2025	5,035	6,057	10,053	80	10	9,764	453,080	530
11	7/13/2025	5,737	7,997	10,298	83	35	9,771	458,160	525
12	7/14/2025	5,565	7,631	10,465	88	35	9,636	454,760	521
13	7/14/2025	5,374	8,667	10,479	90	31	9,687	455,180	516
14	7/15/2025	5,712	7,531	10,440	92	10	9,681	453,520	512
15	7/15/2025	6,406	7,775	10,374	90	26	9,719	463,680	508
16	7/16/2025	5,668	8,001	10,501	89	10	9,663	455,340	503
17	7/16/2025	5,720	6,841	10,372	90	37	9,680	454,080	499
18	7/16/2025	6,252	8,342	10,511	91	35	9,799	460,600	495
19	7/17/2025	5,659	7,843	10,457	92	15	9,652	454,780	499
20	7/17/2025	5,426	6,928	10,419	99	10	9,642	452,900	486
21	7/18/2025	4,993	7,209	10,422	96	10	9,696	458,600	481
22	7/18/2025	6,086	7,249	10,444	96	10	9,631	453,200	477
23	7/18/2025	5,262	7,399	10,515	95	10	9,712	460,720	473
24	7/19/2025	5,696	7,737	10,340	96	10	9,715	459,820	468
25	7/19/2025	5,438	7,554	10,242	99	10	9,622	455,220	464
26	7/20/2025	5,210	7,362	10,174	96	10	9,593	448,780	460
27	7/20/2025	5,679	6,972	10,324	97	10	9,570	453,740	597
28	7/20/2025	5,332	6,829	10,207	97	10	9,634	455,580	451
29	7/21/2025	5,178	7,911	10,188	96	10	9,623	461,420	446
30	7/21/2025	5,442	7,403	9,973	97	10	9,641	458,240	442
31	7/21/2025	5,129	7,389	9,943	97	10	9,626	459,900	438
32	7/22/2025	5,597	8,135	10,051	97	10	9,579	457,940	433
33	7/22/2025	5,563	7,493	10,331	97	10	9,605	454,968	429
34	7/23/2025	5,105	7,236	10,191	96	10	9,606	457,080	425
35	7/23/2025	5,595	7,416	9,925	100	10	9,608	454,260	420
36	7/23/2025	5,093	8,067	9,895	97	10	9,671	459,520	416
37	7/24/2025	4,922	7,430	9,678	97	10	9,560	453,760	411
38	7/24/2025	5,119	7,304	9,527	98	10	9,594	457,260	407
39	7/25/2025	5,137	6,822	9,614	97	10	9,590	457,500	403
40	7/25/2025	5,130	7,574	9,615	98	10	9,730	461,300	398
41	7/25/2025	4,933	6,968	9,749	97	10	9,580	458,380	394

8 of 32

42	7/26/2025	5,269	7,494	9,599	98	10	9,563	454,730	390
43	7/26/2025	5,359	7,124	9,636	98	10	9,445	456,540	385
44	7/26/2025	5,478	7,838	9,601	97	10	9,585	461,320	381
45	7/27/2025	5,334	7,225	9,471	98	10	9,569	459,040	376
46	7/27/2025	5,111	6,875	9,568	98	10	9,564	457,160	372
47	7/28/2025	5,455	7,497	9,575	97	10	9,543	455,920	368
48	7/28/2025	5,312	7,169	9,711	97	10	9,531	455,760	363
49	7/28/2025	5,607	7,836	9,455	97	10	9,570	456,360	359
50	7/29/2025	5,504	7,112	9,562	98	10	9,472	458,020	355
51	7/29/2025	5,335	7,124	9,394	97	10	9,568	459,680	350
52	7/29/2025	5,004	6,663	9,627	98	10	9,573	458,640	346
53	7/30/2025	5,663	7,127	9,449	97	10	9,522	460,360	341
54	7/30/2025	5,266	7,254	9,416	97	10	9,539	457,720	337
55	7/31/2025	5,298	7,798	9,411	97	10	9,494	456,420	333
56	7/31/2025	5,661	5,676	9,399	96	10	9,515	455,860	328
57	7/31/2025	5,137	7,666	9,605	98	10	9,477	459,980	324
58	8/1/2025	5,302	7,407	9,250	98	10	9,511	460,860	319
59	8/1/2025	5,465	6,893	9,414	97	10	9,492	454,760	315
60	8/2/2025	5,069	7,032	8,857	98	10	9,560	459,480	311
61	8/2/2025	5,151	7,582	9,812	97	10	9,489	458,660	306
62	8/2/2025	5,213	7,741	9,667	97	10	9,402	454,020	302
63	8/3/2025	4,987	7,488	9,572	98	12	9,502	459,740	298
64	8/3/2025	5,474	7,693	8,484	95	10	9,193	457,040	293
65	8/4/2025	4,969	7,777	9,760	98	10	9,554	455,100	289
66	8/4/2025	6,055	7,812	9,701	98	10	9,478	459,840	284
67	8/4/2025	5,236	7,420	9,720	98	10	9,590	454,840	280
68	8/5/2025	5,175	8,285	9,583	97	10	9,616	458,100	276
69	8/5/2025	5,349	8,231	9,719	97	10	9,639	457,000	271
70	8/5/2025	5,123	7,073	9,622	98	10	9,481	460,080	267
71	8/6/2025	5,413	7,012	9,413	98	10	9,472	453,340	263
72	8/6/2025	5,294	8,026	9,327	96	10	9,531	458,240	258
73	8/7/2025	5,603	7,937	9,459	98	10	9,405	452,080	254
74	8/7/2025	5,179	7,769	9,348	97	10	9,509	456,460	249
75	8/7/2025	5,615	7,846	9,543	98	10	9,441	455,100	245
76	8/8/2025	5,531	8,389	9,662	98	10	9,399	455,220	241
77	8/8/2025	5,195	8,400	9,632	97	10	9,482	459,260	236
78	8/8/2025	5,737	8,260	9,555	97	10	9,451	458,680	232
79	8/9/2025	5,492	8,075	9,578	98	10	9,422	454,240	228
80	8/9/2025	5,180	8,265	9,640	95	10	9,362	452,920	223

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<b>Bunner Completion Lithology</b>			
<b>Lithology/Formation</b>	<b>Top Depth in FT TVD</b>	<b>Bottom Depth in FT TVD</b>	<b>Describe rock type and record quantity and type of fluid (freshwater, brine, oil, gas, H2S, etc)</b>
Sand/silt	0	280	Sand/silt
silt/shale	280	420	silt/shale
Washington Coal	420	425	Washington Coal
sandstone	425	485	sandstone
Waynesburg coal	485	490	Waynesburg coal
siltstone/sandstone	490	580	siltstone/sandstone
Uniontown coal	580	584	Uniontown coal
sandstone	584	680	sandstone
siltstone/sandstone	680	715	siltstone/sandstone
sandstone/siltstone	715	767	sandstone/siltstone
sandstone/limestone	767	800	sandstone/limestone
Limestone/sandstone/shale	800	850	Limestone/sandstone/shale
Pittsburgh coal	850	860	Pittsburgh coal
Limestone/siltstone	860	880	Limestone/siltstone
Limestone	880	1000	Limestone
Limestone/siltstone/Red Rock	1000	1060	Limestone/siltstone/Red Rock
Red Rock/siltstone	1060	1240	Red Rock/siltstone
Maxon	1240	1260	Maxon
sandstone/siltstone	1260	1990	sandstone/siltstone
Red Rock/siltstone	1990	2124	Red Rock/siltstone
Little Lime	2124	2177	Little Lime
Big Lime	2177	2300	Big Lime
siltstone/sandstone	2300	2364	siltstone/sandstone
Big Injun	2364	2456	Big Injun
siltstone/sandstone	2456	2530	siltstone/sandstone
Gantz	2530	2551	Gantz
Sand/shale	2551	2805	Sand/shale
Gordon	2805	2910	Gordon
siltstone/sandstone	2910	7185	
gray shale/siltstone	7185	7396	gray shale/siltstone
Middlesex	7396	7644	Middlesex
Burkett	7644	7825	Burkett
Geneseo	7825	7875	Geneseo
Tully	7875	7926	Tully
Hamilton	7926	8026	Hamilton
Marcellus	8026	TD	Marcellus

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**Rebecca Zachwieja**

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**From:** Cody Hall  
**Sent:** Saturday, March 22, 2025 6:03 PM  
**To:** gayne.j.knitowski@wv.gov  
**Cc:** Hollie Medley; Kimberly Thompson; Sam Barker; Josh Angeline  
**Subject:** NNE - Bunner 19H - API# 47-061-01967 - Change in Intermediate Casing/Cement Plans

Good Evening Gayne,

I wanted to follow up on the discussions regarding the 9-5/8" intermediate casing run and our path forward on the Bunner 19H well. While running our 9-5/8" intermediate casing, we got stuck and were unable to establish circulation at 2,590 ft. This depth still allows the 9-5/8" intermediate shoe to be 70 ft past the base of the Big Injun. We ran a free point and found free point to be at 2,048 ft. Our forward plan includes the following, which is the same plan you discussed with NNE Superintendent Sam Barker.

- Perforate the 9-5/8" intermediate casing ~150 ft above free point.
  - This depth allows us to be ~600 ft below the surface casing shoe (surface shoe at 1,295 ft).
- Establish circulation
- Pump cement to surface, shut in, and WOC
- Drill out cement across perforations and perform a casing test
- Drill out float equipment and spot cement plug at the base of the 9-5/8" intermediate shoe
- Move to the next well while we WOC.
- Before drilling out the 9-5/8" intermediate shoe we will run a CBL
- We will also cement the production casing to surface

If there is anything I missed, please let me know.

Thanks,  
**Cody Hall**  
*Drilling Engineer*

Northeast Natural Energy LLC  
48 Donley Street, Ste 601  
Morgantown, West Virginia 26501  
Office: 304.212.0425  
Cell: 304.741.5759

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## Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	07/10/2025
Job End Date:	08/09/2025
State:	West Virginia
County:	Monongalia
API Number:	47-061-01967-00-00
Operator Name:	Northeast Natural Energy LLC
Well Name and Number:	Bunner 19H
Latitude:	39.673724
Longitude:	-80.273215
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	10100
Total Base Water Volume (gal)*:	34025376
Total Base Non Water Volume:	0



Water Source	Percent
Other, > 1000TDS	85.00%

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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
Clearal 268	Chemstream	Biocide					
EZ-A 431	Obsidian Chemical Solutions	Chemical Blend					
HCL Acid (28%)	CHEMSTREAM	Acid					
Sand	US Silica	Proppant					
StimSTREAM FR 9800	Chemstream	Friction Reducer					
StimSTREAM SC 810	Chemstream	Scale Control					
Water	CNX	Carrier/Base Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	88.53631	None
			Crystalline Silica in the form of Quartz	14808-60-7	99.90000	11.32423	None
			ACRYLAMIDE-CHLORIDE SALT OF	69418-26-4	40.00000	0.03178	None

04/24/2026

32 of 32

			TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER				
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.03178	None
			Hydrogen chloride	7647-01-0	28.00000	0.01013	None
			Glutaraldehyde	111-30-8	20.00000	0.00426	None
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00397	None
			AA/Maleic Anhydride Co-polymer	9003-04-7	10.00000	0.00199	None
			AA/ATBS Co-polymer	9003-05-8	10.00000	0.00199	None
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00064	None
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00064	None
			Ethanol	64-17-5	1.50000	0.00032	None
			Methanol	67-56-1	25.00000	0.00006	None
			Pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides	68909-18-2	25.00000	0.00006	None
			Ethoxylated Alcohols	Proprietary	15.00000	0.00004	None
			Ethanoic Acid	Proprietary	15.00000	0.00004	None
			2-ethylhexanol	104-76-7	5.00000	0.00001	None
			Ethoxylated Nonylphenols	127087-87-0	5.00000	0.00001	None

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

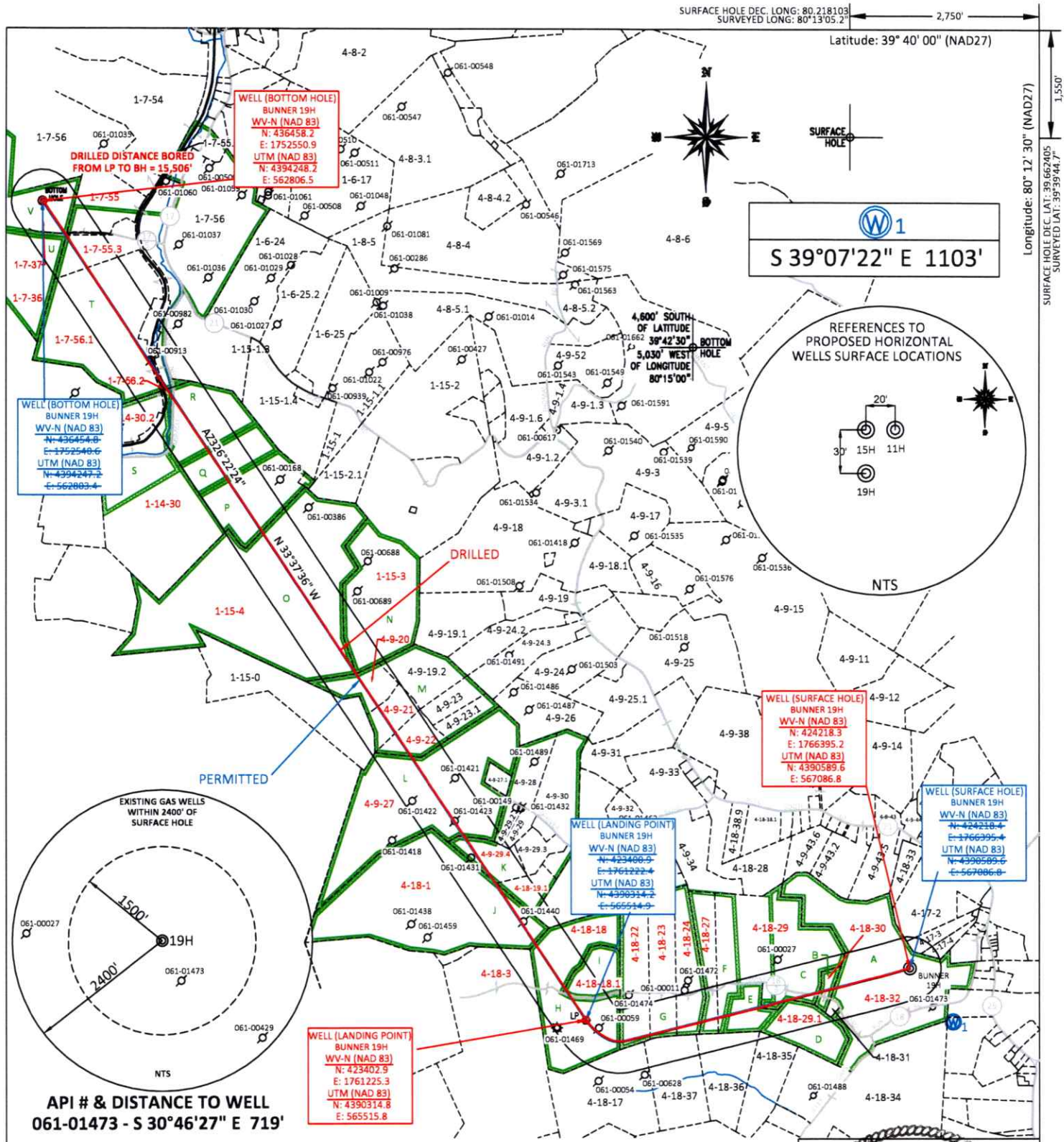
\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

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)

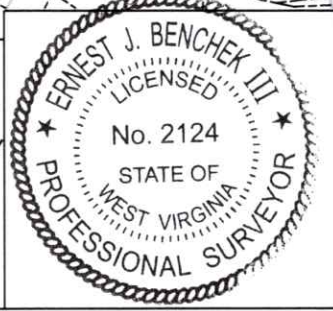
**RECEIVED**  
Office of Oil and Gas  
APR 03 2026  
WV Department of  
Environmental Protection

04/24/2026



FILE #: NEE14  
 DRAWING #: 4050  
 SCALE: PLAT: 1" = 2200', TICK MARK: 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.  
 Signed: *[Signature]*  
 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 Diposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: DUNKARD CREEK  
 COUNTY/DISTRICT: MONONGALIA / CLAY  
 SURFACE OWNER: PATRICIA A. BUNNER  
 OIL & GAS ROYALTY OWNER: PATRICIA BUNNER, et al  
 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: 7,965' TMD: 25,930'  
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC  
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200  
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301  
 DATE: OCTOBER 9, 2025  
 OPERATOR'S WELL #: BUNNER 19H AS-DRILLED  
 API WELL #: 47 STATE 61 COUNTY 01967 PERMIT  
 AS-BUILT ELEVATION: 1,277.25'  
 QUADRANGLE: BLACKSVILLE, WV  
 ACREAGE: 91.93 +/-  
 ACREAGE: 1355.58 +/-

04/24/2026

PROPERTY OWNER INDEX	
1-7-36	JERRY L & MARGARET E WILSON
1-7-37	ERIC MONTGOMERY
1-7-55	BRUCE & KAREN W HAUGHT
1-7-55.3	RICHARD E SHRIVER
1-7-56.1	RICHARD E SHRIVER
1-7-56.2	PENNSYLVANIA LINES LLC
1-14-30	FOX JOHN TRUST FOR BONNIE HUMBERTSON
1-14-30.2	FRANKLIN M CHISLER
1-15-3	SHUMAN INC
1-15-4	STANDARD LAND CO LLC & ARKANSAS ENERGY PARTNERS LLC
4-9-20	KARSON & KIRSTON MOORE (LIFE-JASON T MOORE)
4-9-21	KARSON & KIRSTON MOORE (LIFE-JASON T MOORE)
4-9-22	KARSON & KIRSTON MOORE (LIFE-JASON T MOORE)
4-9-27	RICHARD & SANDY FRANCIS
4-9-29.4	AMMONS FAMILY TRUST
4-18-1	EDDY RANDY, SCOTT A STEELE & ET AL & HAMILTONS
4-18-3	PAMELA SUE ARNETT; DONNA JO & JODIE DAWN SHRIVER
4-18-18	PRUDENCE G BERRY TERESA TENNANT
4-18-18.1	GILBERT DONALD BERRY
4-18-19.1	JASON C & MARY C WEBER
4-18-22	MARK MYERS
4-18-23	CARMEL G BROOKOVER JR
4-18-24	DONNA JO & WEBSTER M VARNER
4-18-27	DONNA JO & WEBSTER M VARNER
4-18-29	GILBERT DONALD BERRY (LIFE-ROBERT E BERRY SR)
4-18-29.1	BILLY VON DEVINE
4-18-30	PRUDENCE G BERRY
4-18-32	PATRICIA A BUNNER

LEASE INDEX			
A	WV-061-004154-001	N	WV-061-006209-001
B	WV-061-005378-013	O	WV-061-000209-001-ACT
C	WV-061-005966-001	P	WV-061-006061-002
D	WV-061-005639-001	Q	WV-061-006061-002
E	WV-061-005917-001	R	WV-061-006061-002
F	WV-061-005890-001	S	WV-061-006179-001
G	WV-061-005935-006	T	WV-061-004400-001
H	WV-061-005931-001	U	WV-061-005230-001
I	WV-061-006254-004	V	WV-061-005230-001
J	WV-061-004705-011		
K	WV-061-005826-001		
L	WV-061-006362-013		
M	WV-061-005811-017		

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Office of Oil and Gas  
APR 03 2025  
WV Department of  
Environmental Protection

04/24/2026

FILE #: <u>NEE14</u>	DATE: <u>OCTOBER 9, 2025</u>
DRAWING #: <u>4050</u>	OPERATOR'S WELL #: <u>BUNNER 19H AS-DRILLED</u>
SCALE: <u>N/A</u>	API WELL #: <u>47</u> <u>61</u> <u>01967</u> STATE COUNTY PERMIT



**northeast**  
NATURAL ENERGY

April 1, 2026

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

RE: WR-35 Forms for:  
API #'s 47-061-01965, 47-061-01966, 47-061-01967  
Clay 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 Bunner 11H well (API # 47-061-01965), Bunner 15H well (API #47-061-01966), and Bunner 19H well (API #47-061-01967).

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

Sincerely,

Hollie M. Medley  
Regulatory Manager

**RECEIVED**  
Office of Oil and Gas  
APR 03 2026  
WV Department of  
Environmental Protection