

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

API 47-061-01932 County Monongalia District Clay
Quad Osage Pad Name Dolls Run Field/Pool Name _____
Farm name Bryan & Sierra VanNorman Well Number 9H
Operator (as registered with the OOG) Northeast Natural Energy LLC
Address 707 Virginia St. E., Suite 1200 City Charleston State WV Zip 25301

RECEIVED
Office Of Oil and Gas
MAY 29 2025
WV Department of
Environmental Protection

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4388841.9 Easting 577811.6
Landing Point of Curve Northing 4389250.2 Easting 578638.3
Bottom Hole Northing 4393082.0 Easting 576111.7

Elevation (ft) 1,522' 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 - 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

Date permit issued 6/7/23 Date drilling commenced 9/6/23 Date drilling ceased 9/21/23
Date completion activities began 7/3/24 Date completion activities ceased 8/16/24
Verbal plugging (Y/N) 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 873' Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 2,326' Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 318', 545', 793', 875' Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) N

APPROVED

Reviewed by:
6/25/2025
9/19/2025

API 47- 061 - 01932 Farm name Bryan & Sierra VanNorman Well number 9H

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	30"	26"	128'	N	68.75	NA	
Surface	24"	13-3/8"	908.9'	N	J-55/54.5	NA	N
Coal							
Intermediate 1	12-1/4"	9-5/8"	2407'	N	J-55/36	NA	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"	5-1/2"	24,434'	N	P-110/20	NA	Y
Tubing							
Packer type and depth set							

Comment Details Casing depths based on KB elevation

RECEIVED
Office Of Oil and Gas

MAY 29 2025

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	4,500 PSI Grout						
Surface	100% NCM-956	1400	15.6	1.14	1590.48	CTS	8
Coal							
Intermediate 1	100% NCM-956	1040	15.6	1.13	1172.97	CTS	8
Intermediate 2							
Intermediate 3							
Production	50:50 NCM-956/NPZ-010	4710	14.5	1.13	5299.61	1,803'	48
Tubing							

Drillers TD (ft) 24,465' Loggers TD (ft) 24,440'
Deepest formation penetrated Marcellus Plug back to (ft) _____
Plug back procedure _____

Kick off depth (ft) 8234'

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 & every 3rd joint to surface

Intermediate: Shoe track & every 3rd joint to surface

Production: Rigid bow centralizers at shoe track & every joint in the lateral to KOP. Bow springs from KOP to surface every third joint.

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 _____

09/19/2025

[illegible][illegible]

09/19/2025

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
Marcellus	8,322'	TVD 24,465'
		MD

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

SHUT-IN PRESSURE Surface 2546 psi Bottom Hole 6318 psi DURATION OF TEST 24 hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
 2019 mcfpd bpd bpd bpd ☐ Estimated ☒ Orifice ☐ Pilot

[illegible]

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 ProFrac
 Address 800 Mountain View Drive City Smithfield State BA Zip 15478

Please insert additional pages as applicable.

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry 09/19/2025

50631

Dolls Run 9H 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	7/3/2024	6,363	7,028	8,949	92	156	7,243	300,120	552
2	7/4/2024	6,395	6,267	9,111	93	175	11,756	550,000	552
3	7/4/2024	6,558	5,622	9,257	94	111	11,758	550,000	550
4	7/4/2024	6,565	6,016	9,297	92	25	11,491	550,300	537
5	7/4/2024	6,482	7,213	9,490	94	14	11,555	549,800	510
6	7/5/2024	6,271	7,208	9,695	94	28	11,710	551,000	528
7	7/5/2024	6,265	5,706	9,544	94	13	11,630	550,000	532
8	7/5/2024	6,707	8,046	9,496	94	69	11,577	550,220	533
9	7/6/2024	6,295	7,193	9,357	95	25	11,747	550,000	525
10	7/6/2024	6,494	7,286	9,653	94	92	11,443	550,000	513
11	7/7/2024	6,489	7,522	9,494	94	14	11,499	550,000	564
12	7/8/2024	5,951	7,397	9,352	94	1	11,680	550,000	667
13	7/8/2024	6,599	6,976	9,411	94	2	11,971	550,240	467
14	7/9/2024	5,931	7,491	9,175	94	19	11,714	550,000	598
15	7/10/2024	6,123	7,144	9,183	94	3	11,291	550,000	467
16	7/9/2024	5,769	6,963	9,355	94	4	11,069	551,600	474
17	7/11/2024	6,113	6,783	9,180	94	7	11,252	550,000	483
18	7/11/2024	6,044	7,120	9,424	94	12	11,438	550,400	472
19	7/12/2024	6,461	7,086	9,499	94	11	11,414	550,000	499
20	7/13/2024	6,015	7,201	9,408	94	11	11,187	550,000	475
21	7/13/2024	6,121	7,177	9,284	93	3	11,385	550,300	457
22	7/14/2024	6,084	6,683	9,409	93	28	11,541	551,600	460
23	7/15/2024	6,274	7,320	9,370	94	5	11,470	550,000	460
24	7/15/2024	6,355	7,392	9,472	93	19	11,401	550,000	439
25	7/16/2024	6,317	7,168	9,390	94	5	11,633	550,800	441
26	7/17/2024	5,894	7,434	9,676	93	14	11,276	550,600	457
27	7/17/2024	6,211	6,162	9,632	94	21	11,413	550,400	437
28	7/18/2024	6,214	7,336	9,704	94	1	11,449	550,300	441
29	7/18/2024	6,238	6,591	9,758	87	28	11,386	550,600	450
30	7/19/2024	6,511	7,529	9,791	94	2	11,246	550,400	411
31	7/20/2024	6,299	7,491	9,601	94	10	11,318	551,000	434
32	7/20/2024	5,544	7,570	9,310	94	4	11,362	550,800	412
33	7/21/2024	6,437	6,899	9,202	94	6	11,213	550,600	401
34	7/21/2024	6,278	6,613	9,050	94	5	11,121	550,000	404
35	7/22/2024	6,355	7,417	9,254	95	9	11,596	550,280	405
36	7/22/2024	6,143	7,341	9,319	94	12	11,228	550,300	397
37	7/23/2024	6,605	7,386	9,401	94	3	11,060	550,100	388
38	7/24/2024	5,878	7,323	9,280	94	9	11,123	550,000	404
39	7/24/2024	6,421	7,237	9,229	94	9	11,123	550,000	402
40	7/25/2024	6,405	7,662	9,281	94	2	11,059	550,300	366
41	7/25/2024	5,911	7,354	9,166	94	11	11,279	550,000	476
42	7/26/2024	6,450	6,882	9,165	94	10	11,359	550,400	359
43	7/27/2024	5,839	6,980	9,286	94	11	11,236	550,000	388
44	7/27/2024	6,206	7,495	9,335	94	11	10,974	550,900	354
45	7/28/2024	6,186	7,472	9,165	94	10	11,281	550,000	355

RECEIVED
Office Of Oil and Gas
MAY 29 2025
WV Department of Environmental Protection

06/19/2025

Dolls Run 9H 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)
46	7/28/2024	5,705	7,560	9,027	94	13	11,590	550,700	365
47	7/29/2024	5,293	7,569	9,385	94	6	11,069	550,000	337
48	7/29/2024	5,775	7,727	9,020	94	8	11,091	550,000	377
49	7/30/2024	5,741	7,302	9,042	94	21	11,126	550,500	337
50	7/31/2024	6,344	7,601	9,281	94	5	11,231	550,000	340
51	7/31/2024	5,905	7,121	8,905	94	5	11,053	550,000	329
52	8/1/2024	5,850	7,181	9,073	94	9	11,360	548,327	319
53	8/1/2024	5,777	6,912	8,914	95	5	11,115	550,000	336
54	8/2/2024	5,813	7,665	9,091	94	8	11,076	551,600	303
55	8/2/2024	6,788	7,540	8,806	94	5	11,354	550,000	337
56	8/3/2024	5,809	7,132	8,736	94	5	11,141	552,500	304
57	8/4/2024	6,139	7,347	8,757	95	9	11,270	552,380	306
58	8/4/2024	6,856	7,091	8,871	94	23	11,428	552,600	307
59	8/5/2024	6,112	7,752	8,709	94	8	11,091	551,000	291
60	8/5/2024	5,607	7,380	9,188	94	8	11,462	551,300	300
61	8/6/2024	5,952	7,281	8,616	94	17	11,177	550,000	305
62	8/7/2024	5,614	7,614	9,206	94	8	11,139	551,600	301
63	8/7/2024	5,616	6,534	8,943	94	8	11,274	549,880	300
64	8/8/2024	5,516	6,319	8,961	94	17	11,084	550,700	292
65	8/9/2024	5,982	6,479	8,176	94	8	11,274	549,960	285
66	8/9/2024	6,011	6,684	8,845	94	32	11,341	548,100	294
67	8/10/2024	5,827	7,298	8,469	94	4	11,307	549,900	277
68	8/11/2024	5,686	7,779	8,520	94	6	11,233	554,380	255
69	8/11/2024	6,407	7,859	8,534	94	13	11,726	550,000	341
70	8/12/2024	6,232	7,493	8,560	94	5	11,433	549,800	289
71	8/12/2024	6,078	8,163	8,626	94	10	10,907	550,500	244
72	8/13/2024	6,234	8,028	8,451	93	18	11,564	550,000	264
73	8/14/2024	6,801	7,379	8,560	94	7	11,156	551,020	232
74	8/14/2024	5,884	7,168	8,604	93	24	11,431	550,000	217
75	8/15/2024	5,862	7,586	8,470	94	3	11,311	550,000	246
76	8/15/2024	5,925	6,840	8,313	94	7	11,100	551,380	234
77	8/16/2024	6,055	9,081	8,452	93	11	11,317	550,000	212

RECEIVED
Office Of Oil and Gas

MAY 29 2025

WV Department of
Environmental Protection

09/19/2025

7 of 31

Dolls Run 9H Perforation Report				
Stage Number	Report Date	Total Shots	Cluster 1 Top TD	Cluster 5 Bottom TD
1	7/3/2024	40		24,326
2	7/4/2024	40	24,283	24,126
3	7/4/2024	40	24,084	23,927
4	7/4/2024	40	23,885	23,728
5	7/4/2024	40	23,686	23,529
6	7/5/2024	40	23,487	23,330
7	7/5/2024	40	23,288	23,131
8	7/5/2024	40	23,089	22,932
9	7/6/2024	40	22,890	22,733
10	7/6/2024	40	22,691	22,534
11	7/7/2024	40	22,493	22,335
12	7/8/2024	40	22,294	22,136
13	7/8/2024	40	22,095	21,938
14	7/9/2024	40	21,896	21,739
15	7/10/2024	40	21,697	21,540
16	7/9/2024	40	21,498	21,341
17	7/11/2024	40	21,299	21,142
18	7/11/2024	40	21,100	20,943
19	7/12/2024	40	20,901	20,744
20	7/13/2024	40	20,702	20,545
21	7/13/2024	40	20,503	20,346
22	7/14/2024	40	20,304	20,147
23	7/15/2024	40	20,105	19,948
24	7/15/2024	40	19,906	19,749
25	7/16/2024	40	19,708	19,550
26	7/17/2024	40	19,509	19,351
27	7/17/2024	40	19,310	19,153
28	7/18/2024	40	19,111	18,954
29	7/18/2024	40	18,912	18,755
30	7/19/2024	40	18,713	18,556
31	7/20/2024	40	18,514	18,357
32	7/20/2024	40	18,315	18,158
33	7/21/2024	40	18,116	17,959
34	7/21/2024	40	17,917	17,760
35	7/22/2024	40	17,718	17,561
36	7/22/2024	40	17,519	17,362
37	7/23/2024	40	17,320	17,163
38	7/24/2024	40	17,121	16,964
39	7/24/2024	40	16,923	16,765
40	7/25/2024	40	16,724	16,566
41	7/25/2024	40	16,525	16,368
42	7/26/2024	40	16,326	16,169
43	7/27/2024	40	16,127	15,970
44	7/27/2024	40	15,928	15,771
45	7/28/2024	40	15,729	15,572
46	7/28/2024	40	15,530	15,373
47	7/29/2024	40	15,331	15,174

RECEIVED
Office Of Oil and Gas
MAY 29 2025
WV Department of
Environmental Protection

09/19/2025

8 of 31

Dolls Run 9H Perforation Report				
Stage Number	Report Date	Total Shots	Cluster 1 Top TD	Cluster 5 Bottom TD
48	7/29/2024	40	15,132	14,975
49	7/30/2024	40	14,933	14,776
50	7/31/2024	40	14,734	14,577
51	7/31/2024	40	14,535	14,378
52	8/1/2024	40	14,336	14,179
53	8/1/2024	40	14,137	13,980
54	8/2/2024	40	13,939	13,781
55	8/2/2024	40	13,740	13,582
56	8/3/2024	40	13,541	13,384
57	8/4/2024	40	13,342	13,185
58	8/4/2024	40	13,143	12,986
59	8/5/2024	40	12,944	12,787
60	8/5/2024	40	12,745	12,588
61	8/6/2024	40	12,546	12,389
62	8/7/2024	40	12,347	12,190
63	8/7/2024	40	12,148	11,991
64	8/8/2024	40	11,949	11,792
65	8/9/2024	40	11,750	11,593
66	8/9/2024	40	11,551	11,394
67	8/10/2024	40	11,352	11,195
68	8/11/2024	40	11,154	10,996
69	8/11/2024	40	10,955	10,797
70	8/12/2024	40	10,756	10,599
71	8/12/2024	40	10,557	10,400
72	8/13/2024	40	10,358	10,201
73	8/14/2024	40	10,159	10,002
74	8/14/2024	40	9,960	9,803
75	8/15/2024	40	9,761	9,604
76	8/15/2024	40	9,562	9,405
77	8/16/2024	40	9,363	9,206

RECEIVED
Office Of Oil and Gas

MAY 29 2025

WV Department of
Environmental Protection

09/19/2025

Dolls Run Completion Lithology		
Lithology/Formation	Top Depth in FT TVD	Bottom Depth in FT TVD
Sand/silt	0	220
Sand/red shale	220	275
sandstone/shale	275	620
Washington coal	315	318
siltstone/sandstone	318	607
Waynesburg coal	542	545
sandstone/limestone	545	580
Limestone/siltstone	580	790
Sewickley coal	790	793
Limestone	793	870
Pittsburgh coal	870	875
Limestone/siltstone	875	995
sandstone/siltstone	995	1840
Red Rock/siltstone/limestone	1840	2074
Little Lime	2074	2105
Big Lime	2105	2251
Big Injun	2251	2326
Sand/silt	2326	2696
Gantz	2696	2702
Sand/shale	2702	2776
Gordon	2776	3024
Fourth Sand	3024	3030
siltstone/sandstone	3030	7179
Gray shale/siltstone	7179	7357
Middlesex	7357	7725
Burkett	7725	7964
Genesee	7964	8016
Tully	8016	8078
Hamilton	8078	8217
Marcellus	8217	TD

RECEIVED
Office Of Oil and Gas
MAY 29 2025
West Virginia Department of
Environmental Protection

13 of 31

09/19/2025

140631



09/19/2025

150631

09/19/2025

29 of 31

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	07/03/2024
Job End Date:	08/16/2024
State:	West Virginia
County:	Monongalia
API Number:	47-061-01932-00-00
Operator Name:	Northeast Natural Energy LLC
Well Name and Number:	Dolls Run 9H
Latitude:	39.64583
Longitude:	-80.0931
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	8370
Total Base Water Volume (gal)*:	38129616
Total Base Non Water Volume:	0



Water Source	Percent
Other, > 1000TDS	85.00%

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	88.14899	None
Sand (100 Mesh Proppant)	ProFrac	Proppant					
			Crystalline Silica (quartz)	14808-60-7	100.00000	8.18059	None
Sand (40/70 White Proppant)	ProFrac	Proppant					
			Crystalline Silica (quartz)	14808-60-7	100.00000	3.48323	None
Other Chemical(s)	Listed Above	See Trade Name(s) List					
			Water	7732-18-5	92.50000	0.11134	None
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.02560	None
			Water	7732-18-5	80.00000	0.01372	None
			WATER	7732-18-5	15.00000	0.00960	None

09/19/2025

			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00320	None
			AA/Maleic Anhydride Co-polymer	9003-04-7	5.00000	0.00227	None
			Polyacrylamide	9003-05-8	40.00000	0.00121	None
			WATER	7732-18-5	30.00000	0.00090	None
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00051	None
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00051	None
			Ethanol	64-17-5	1.50000	0.00026	None
			Alcohols, C11-14-iso, C13-rich, ethoxylated	78330-21-9	5.00000	0.00015	None
			Pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides	68909-18-2	25.00000	0.00012	None
			Ethanoic Acid	64-19-7	15.00000	0.00007	None
			Ethoxylated Alcohols	68131-39-5	15.00000	0.00007	None
			Proprietary	Proprietary	10.00000	0.00005	None
			Proprietary	Proprietary	10.00000	0.00005	None
			2-ethylhexanol	104-76-7	5.00000	0.00002	None
			Ethoxylated Nonylphenos	127087-87-0	5.00000	0.00002	None
Hydrochloric Acid (7.5%)	Tarquin	Acidizing					
			Water	7732-18-5	92.50000	0.11134	None
			Hydrochloric Acid	7647-01-0	7.50000	0.00903	None
StimSTREAM FR 9800	Chemstream	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.02560	None
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.02560	None
			WATER	7732-18-5	15.00000	0.00960	None
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00320	None
Clearal 268A	Chemstream	Biocide					
			Water	7732-18-5	80.00000	0.01372	None
			Glutaraldehyde	111-30-8	20.00000	0.00343	None
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00051	None

31 of 31

			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00051	None
			Ethanol	64-17-5	1.50000	0.00026	None
StimSTREAM SC 405	Chemstream	Scale Inhibitor					
			AA/Maleic Anhydride Co-polymer	9003-04-7	5.00000	0.00227	None
			AA/ATBS Co-polymer	9003-05-8	5.00000	0.00227	None
StimSTREAM FR 2800	Chemstream	Friction Reducer					
			Polyacrylamide	9003-05-8	40.00000	0.00121	None
			WATER	7732-18-5	30.00000	0.00090	None
			Distillates (petroleum), hydrotreated light	64742-47-8	25.00000	0.00075	None
			Alcohols, C11-14-iso, C13-rich, ethoxylated	78330-21-9	5.00000	0.00015	None
Acid Pack Pro	Tarquin	Acid Inhibitor					
			Methanol	67-56-1	25.00000	0.00012	None
			Pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides	68909-18-2	25.00000	0.00012	None
			Ethanoic Acid	64-19-7	15.00000	0.00007	None
			Ethoxylated Alcohols	68131-39-5	15.00000	0.00007	None
			Proprietary	Proprietary	10.00000	0.00005	None
			Proprietary	Proprietary	10.00000	0.00005	None
			2-ethylhexanol	104-76-7	5.00000	0.00002	None
			Ethoxylated Nonylphenols	127087-87-0	5.00000	0.00002	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)

RECEIVED
Office Of Oil and Gas
MAY 29 2025
WV Department of
Environmental Protection

09/19/2025

	PROPERTY OWNER INDEX
4-12-5.2	STATE OF WEST VIRGINIA BUREAU OF COMMERCE
4-12-42	MARY ANN HIGGINBOTHAM
4-12-46	TRAVIS D & SUSIE J ANDERSON
4-12-35	ROBERT LYNN CORE
4-12-29.10	DEANNA S TENNANT
4-12-65	BLAKE R & H PRESTON BOGGESS
3-17-3	PENN PLASTIC CO
4-15-41	DONNA N & ROBERT ALLEN WRIGHT
4-22-33.1	DENNIS J & MELINDA S THORNE
7-7-1	OWEN REALTY CO INC
7-2-1	MARK S HASELEU & KELLEY J OWEN
7-2-22	MARK S HASELEU & KELLEY J OWEN
4-15-26	DEANNA S TENNANT
4-15-30.9	DONNA SUE & DAVID JONES
4-15-30.8	RYAN C HOXTER
4-15-30.7	LAURIE NICHOL COZORT
4-15-30.5	DAVE & DONNA JONES
4-15-30.3	LAURIE NICHOL COZORT
4-15-30.4	LAURIE NICHOL COZORT
4-15-31	TIMOTHY G LIMING ET AL
4-15-32	SUSAN BETH KISH
4-15-32.1	KEITH R WRIGHT ET AL
4-15-33	LOUIS TOLKA JR & LINDA LOU TOLKA
4-15-34	YOST FAMILY REVOCABLE TRUST AGREEMENT
4-12-29.3	CHARLES N HOY IRREVOCABLE TRUST
4-12-29.16	CHRISTOPHER D & TERESA A TENNANT
4-12-29.13	CHRISTOPHER D & TERESA A TENNANT
4-15-25	MARK V & BETTY A EDDY
4-12-43	KAREN R SELF POLING
4-12-44	KAREN R SELF POLING
4-12-69	STATE OF WEST VIRGINIA BUREAU OF COMMERCE
4-12-46.3	WEST VIRGINIA DEPARTMENT OF HIGHWAYS
4-12-48	ROBERT LYNN CORE
4-12-29.4	CHRISTOPHER D & TERESA A TENNANT
4-12-29.5	CORE PROPERTIES LLC

	LEASE INDEX		
A	WV-061-004020-000	K	WV-061-006385-001
B	WV-061-005246-002	L	WV-061-006385-001
C	WV-061-086230-001	M	WV-061-004662-000
D	WV-061-106300-001	N	WV-061-005202-000
E	WV-061-106300-001	O	WV-061-006385-001
F	WV-061-086005-001	P	WV-061-004267-001
G	WV-061-086005-001	Q	WV-061-004645-006
H	WV-061-086005-001	R	WV-061-006003-001
I	WV-061-003269-003	S	WV-061-005944-001
J	WV-061-003269-003	T	WV-061-005944-001

RECEIVED
Office Of Oil and Gas
MAY 29 2025
WV Department of
Environmental Protection

09/19/2025

FILE #: NEE14	DATE: APRIL 15, 2025
DRAWING #: 3043	OPERATOR'S WELL #: DOLLS RUN 9H AS-DRILLED
SCALE: N/A	API WELL #: 47 61 01932 STATE COUNTY PERMIT