

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

DEC 06 2021

WV Department of
Environmental Protection

API 47 - 061 - 01841 County Monongalia District Clay
Quad Blacksville, WV Pad Name Lemley Field/Pool Name _____
Farm name Clarence W. Jr. & Charlotte E. Lemley 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 4391580.6 Easting 573969.7
Landing Point of Curve Northing 4391338.2 Easting 573445.8
Bottom Hole Northing 4393646.4 Easting 571647.9

Elevation (ft) 1,539' 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

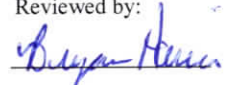
Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

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

Date permit issued 5/31/2019 Date drilling commenced 12/13/2020 Date drilling ceased 4/6/2021
Date completion activities began 6/14/2021 Date completion activities ceased 7/14/2021
Verbal plugging (Y/N) N Date permission granted NA Granted by _____

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

Freshwater depth(s) ft 440', 1,060' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2,140' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 500', 630', 740', 1,060' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by: 
01/21/2022

API 47-061 - 01841

Farm name Clarence W. Jr. & Charlotte E. Lemley Well number 1H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	30"	24"	40'	N		NA	Y
Surface	17-1/2"	13-3/8"	1,486'	N	54.5	NA	Y, 4 bbl
Coal							
Intermediate 1	12-1/4"	9-5/8"	2,606'	N	36	NA	Y, 20 bbl
Intermediate 2							
Intermediate 3							
Production	8-3/4"	5-1/2"	18,669'	N	20	NA	Y
Tubing							
Packer type and depth set							

Comment Details _____

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	4500 psi ready mix	36				CTS	48
Surface	Class A	1237	15.6	1.18	1,460	CTS	8
Coal							
Intermediate 1	Class A	875	15.6	1.18	1,033	CTS	8
Intermediate 2							
Intermediate 3							
Production	50:50 Poz	3390	14.5	1.16	3,923	2,010	48
Tubing							

Drillers TD (ft) 18,701' Loggers TD (ft) 18,669'
 Deepest formation penetrated Marcellus Plug back to (ft) NA
 Plug back procedure NA

Kick off depth (ft) 6,259' TVD

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: Bow spring centralizers every 3rd joint or approximately 120'
Intermediate: Bow spring centralizers every 3rd joint or approximately 120'
Production: Rigid body centralizers placed at a minimum of every other joint (-80') from TD 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 _____

Lemley 1H Perforation Summary

Stage Number	Report Date	Cluster 5 Bottom TD	Cluster 1 Top TD	Total Shots
1	6/15/2021	18,569	0	0
2	6/15/2021	18,370	18,526	40
3	6/16/2021	18,173	18,329	40
4	6/16/2021	17,976	18,132	40
5	6/16/2021	17,779	17,935	40
6	6/16/2021	17,582	17,738	40
7	6/17/2021	17,385	17,541	40
8	6/17/2021	17,188	17,344	40
9	6/18/2021	16,991	17,147	40
10	6/18/2021	16,794	16,949	40
11	6/18/2021	16,597	16,752	40
12	6/19/2021	16,400	16,555	40
13	6/19/2021	16,203	16,358	40
14	6/19/2021	16,005	16,161	40
15	6/20/2021	15,808	15,964	40
16	6/20/2021	15,611	15,767	40
17	6/20/2021	15,414	15,570	40
18	6/21/2021	15,217	15,373	40
19	6/21/2021	15,020	15,176	40
20	6/21/2021	14,823	14,979	40
21	6/22/2021	14,626	14,782	40
22	6/22/2021	14,429	14,584	40
23	6/22/2021	14,232	14,387	40
24	6/23/2021	14,035	14,190	40
25	6/23/2021	13,838	13,993	40
26	6/23/2021	13,641	13,796	40
27	6/24/2021	13,443	13,599	40
28	6/24/2021	13,246	13,402	40
29	6/24/2021	13,049	13,205	40
30	6/25/2021	12,852	13,008	40
31	6/25/2021	12,655	12,811	40
32	6/26/2021	12,458	12,614	40
33	6/26/2021	12,261	12,417	40
34	6/27/2021	12,064	12,220	40
35	6/27/2021	11,867	12,022	40
36	6/28/2021	11,670	11,825	40
37	6/28/2021	11,473	11,628	40
38	6/28/2021	11,276	11,431	40
39	6/29/2021	11,078	11,234	40
40	6/30/2021	10,881	11,037	40
41	6/30/2021	10,684	10,840	40
42	7/11/2021	10,487	10,643	40
43	7/12/2021	10,290	10,446	40
44	7/12/2021	10,093	10,249	40
45	7/13/2021	9,896	10,052	40
46	7/13/2021	9,699	9,855	40
47	7/14/2021	9,501	9,657	40

01/21/2022

Lemley 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)
1	6/15/2021	5,084	8,725	8,887	90	329	6,534	320,980	415
2	6/15/2021	6,290	6,261	9,091	90	52	9,562	450,120	411
3	6/16/2021	5,280	6,433	9,272	90	65	9,532	427,600	406
4	6/16/2021	5,818	8,220	9,223	89	34	9,430	456,480	402
5	6/16/2021	5,795	6,562	9,170	90	11	9,341	460,100	395
6	6/16/2021	5,867	7,376	9,218	90	26	8,603	400,820	394
7	6/17/2021	5,588	7,526	9,260	86	16	9,213	406,280	389
8	6/17/2021	10,265	7,012	9,268	89	30	10,844	435,460	358
9	6/18/2021	6,055	6,720	8,681	85	12	9,440	452,440	381
10	6/18/2021	6,226	6,900	9,094	90	15	9,719	460,900	376
11	6/18/2021	6,378	6,725	8,671	82	12	9,324	450,460	373
12	6/19/2021	6,287	7,653	8,528	82	12	9,302	453,460	371
13	6/19/2021	5,969	6,832	8,894	87	10	9,282	448,240	363
14	6/19/2021	5,740	7,030	8,493	81	10	9,250	442,960	359
15	6/20/2021	5,887	8,496	8,933	87	19	9,300	442,340	357
16	6/20/2021	6,195	7,572	8,758	90	22	9,983	448,000	352
17	6/20/2021	6,617	7,754	8,986	90	46	9,167	442,800	348
18	6/21/2021	5,529	6,970	8,738	90	9	9,251	450,040	348
19	6/21/2021	5,306	6,756	8,707	90	8	9,300	452,780	343
20	6/21/2021	5,506	7,400	8,871	90	27	9,102	445,280	333
21	6/22/2021	5,821	7,213	9,037	90	15	8,186	447,480	359
22	6/22/2021	6,136	6,658	8,826	90	25	9,284	448,940	323
23	6/22/2021	6,442	7,164	8,879	93	30	9,042	444,600	322
24	6/23/2021	6,127	6,728	8,998	95	30	8,824	440,100	317
25	6/23/2021	6,172	6,908	8,824	95	30	8,823	451,740	310
26	6/23/2021	5,725	6,919	8,439	82	7	7,920	450,380	356
27	6/24/2021	6,252	6,559	8,813	94	25	8,206	449,080	303
28	6/24/2021	5,928	6,914	8,696	95	8	8,620	455,880	294
29	6/24/2021	5,931	8,057	9,046	92	45	9,501	378,580	306
30	6/25/2021	6,129	7,660	8,614	95	24	8,908	453,900	288
31	6/25/2021	5,678	7,715	8,634	95	16	9,167	445,320	286
32	6/26/2021	5,441	8,131	8,621	95	10	9,145	451,820	283
33	6/26/2021	6,285	7,784	8,424	95	13	9,209	443,800	277
34	6/27/2021	6,138	7,843	8,353	95	64	9,196	450,900	268
35	6/27/2021	6,115	7,461	8,265	95	12	9,250	446,400	263
36	6/28/2021	5,913	6,867	8,356	95	10	9,127	440,700	259
37	6/28/2021	6,123	6,538	8,081	95	118	9,337	449,620	258
38	6/28/2021	6,057	6,966	8,458	95	15	9,118	443,860	256
39	6/29/2021	5,408	6,659	8,412	95	8	9,067	446,620	254
40	6/30/2021	5,940	7,092	8,498	95	9	10,128	445,600	248
41	6/30/2021	5,421	6,853	8,153	95	19	9,130	448,640	245
42	7/11/2021	5,428	8,050	7,895	95	9	8,462	337,440	235
43	7/12/2021	6,067	7,224	8,825	87	144	9,515	446,640	226
44	7/12/2021	6,132	7,106	7,845	88	12	10,161	451,440	228
45	7/13/2021	6,177	6,634	8,049	93	18	9,038	438,240	220
46	7/13/2021	5,630	7,027	7,711	91	4	8,387	409,680	218
47	7/14/2021	5,846	7,341	7,230	81	17	6,646	297,180	212

01/21/2022

Lemley 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	180	Sand/silt
silt/red shale	180	390	silt/red shale
siltstone/sandstone/limestone	390	440	siltstone/sandstone/limestone
limestone/siltstone/sandstone	440	500	limestone/siltstone/sandstone
coal	500	510	coal
siltstone/limestone/shale	510	630	siltstone/limestone/shale
coal	630	640	coal
siltstone/sandstone	640	740	siltstone/sandstone
coal	740	750	coal
sandstone/siltstone/limestone	750	1060	sandstone/siltstone/limestone
coal-Pittsburgh	1060	1070	coal-Pittsburgh
sandstone/limestone	1070	1190	sandstone/limestone
red shale/siltstone	1190	1480	red shale/siltstone
Limestone/siltstone	1480	1730	Limestone/siltstone
sandstone	1730	1860	sandstone
sandstone/siltstone/red shale	1860	2050	sandstone/siltstone/red shale
siltstone/sandstone	2050	2110	siltstone/sandstone
sandstone	2110	2140	sandstone
sandstone/siltstone/red shale	2140	2300	sandstone/siltstone/red shale
Big Lime	2300	2420	Big Lime
Big Injun Sandstone	2420	2520	Big Injun Sandstone
siltstone/sandstone	2520	2810	siltstone/sandstone
Berea Sandstone	2810	2820	Berea Sandstone
Upper Devonian Sands/silts	2820	3350	Upper Devonian Sands/silts
shale/siltstone	3350	7514	shale/siltstone
Middlesex shale/silt	7514	7737	Middlesex shale/silt
Burkett shale	7737	7918	Burkett shale
Geneseo shale	7918	7969	Geneseo shale
Tully Limestone	7969	8044	Tully Limestone
Hamilton shale	8044	8129	Hamilton shale
Marcellus shale	8129	TD	Marcellus shale



Ticket #: 0

Remit to:
 Lightning Energy Services
 104 Heliport Loop Road
 Bridgeport, WV 26330

Job Times				
On Loc:	Job Start:	Job End:	Off Loc:	
Date: 12/14/20	12/14/20	12/15/20	12/15/20	
Time: 3:00PM	5:40PM	12:15AM	1:30AM	

Customer and Well Information					
Customer: NORTHEAST		Well Name: 1H	Well #:	Well Type: GAS	
County:	State: WV	AFE #/API #:	PO #/Permit #:	Well Class:	
Field:	Lease: LEMLEY	Rig Name/# : DECKER #8			
Wellbore Information					
Bit Size (Inches): 17 1/2	Well MD (ft):	Well TVD (ft): 1540	BHST (F°):	BHCT (F°):	Deviation (°):
Drilling Fluid Type:	Drilling Fluid Density (ppg):	Packer Depth (ft):	Treating Down:		
Previous Casing/Liner					
Size (Inches): 24	Weight (lb/ft):	Thread:	Grade:	Total Footage (ft): 40	
Casing/Liner/Tubing					
Size (Inches): 13 3/8	Weight (lb/ft): 54.5	Thread: BT	Grade:	Total Footage (ft): 1528	
Job					
Job Type: SURFACE		Connection to Well: PLUG CONTAINER		Top Plug: YES	
Lift Pressure (PSI): 577	Max Annulus Pressure (PSI):	Mix Water Temp (F°):		Bottom Plug: No	
Casing/Tubing Secured : YES	Pipe Rotated: No	Cement Return to Surface (bbl):	Top Job (bbl): 90 BBL 425 SKS		
Pipe Reciprocated : No	Circulation Lost: yes	Job Completed: yes	4 BBL BACK		



Ticket #: 0

Remit to:
 Lightning Energy Services
 104 Heliport Loop Road
 Bridgeport, WV 26330

Job Times				
	On Loc:	Job Start:	Job End:	Off Loc:
Date:	12/17/20			12/17/20
Time:	3:00PM	6:39PM	9:00PM	11:00PM

Customer and Well Information					
Customer: NORTHEAST		Well Name: 1H		Well #:	
Well Type: GAS		Well #:		Well Type: GAS	
County:	State: WV	AFE #/API #:	PO #/Permit #:	Well Class:	
Field:		Lease: LEMLEY	Rig Name/# : DECKER #8		
Wellbore Information					
Bit Size (Inches): 12 1/4	Well MD (ft):	Well TVD (ft): 2650	BHST (F°):	BHCT (F°):	Deviation (°):
Drilling Fluid Type:	Drilling Fluid Density (ppg):	Packer Depth (ft):	Treating Down:		
Previous Casing/Liner					
Size (Inches): 13 3/8	Weight (lb/ft):	Thread:	Grade:	Total Footage (ft): 1528	
Casing/Liner/Tubing					
Size (Inches): 9 5/8	Weight (lb/ft): 36	Thread: BT	Grade:	Total Footage (ft): 2606	
Job					
Job Type: SURFACE		Connection to Well: PLUG CONTAINER		Top Plug: YES	
Lift Pressure (PSI): 1339	Max Annulus Pressure (PSI):	Mix Water Temp (F°): 60	Bottom Plug: No		
Casing/Tubing Secured : YES	Pipe Rotated: No	Cement Return to Surface (bbl): 20 BBL	Top Job (bbl):		
Pipe Reciprocated : No	Circulation Lost: yes	Job Completed: yes			

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	6/15/2021
Job End Date:	7/14/2021
State:	West Virginia
County:	Monongalia
API Number:	47-061-01841-00-00
Operator Name:	Northeast Natural Energy LLC
Well Name and Number:	Lemley 1H
Latitude:	39.67084400
Longitude:	-80.13756700
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	8,428
Total Base Water Volume (gal):	18,299,394
Total Base Non Water Volume:	0



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	Northeast Natural Energy LLC	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	87.47902	
Sand	U.S. Well Services	Proppant					
			Crystalline Silica, quartz	14808-60-7	100.00000	11.72875	
HCL Acid (5% to 7.5%)	U.S. Well Services	Bulk Acid					
			Water	7732-18-5	95.00000	0.63970	
			Hydrogen Chloride	7647-01-0	7.50000	0.05864	
Clearal 268	U.S. Well Services	Anti-Bacterial Agent					
			Non-hazardous substances	Proprietary	90.00000	0.03038	
			Glutaraldehyde	111-30-8	20.00000	0.00716	
			Alkyl dimethyl benzyl ammonium chloride	68391-01-5	3.00000	0.00101	
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00101	
StimSTREAM SC-405	U.S. Well Services	Scale Inhibitor					
			Non-hazardous substances	Proprietary	70.00000	0.01781	
			Citric acid	77-92-9	10.00000	0.00255	

			Diethylenetriamine penta (methylene phosphonic acid) (DTPMP)	15827-60-8	10.00000	0.00255
			2-Phosphono-1,2,4-butanetricarboxylic acid (PBTC)	37971-36-1	10.00000	0.00255
StimSTREAM FR 9800	U.S. Well Services	Friction Reducer				
			Butene, homopolymer	9003-29-6	25.00000	0.01038
			Alkanes, C16-20-iso-	90622-59-6	25.00000	0.01038
			Ethoxylated alcohols (C12-18)	68213-23-0	3.00000	0.00125
Alphastim C1500+	U.S. Well Services	Friction Reducer				
			Alkanes, C16-20-iso-	90622-59-6	25.00000	0.00147
			Butene, homopolymer	9003-29-6	25.00000	0.00147
			Ethoxylated alcohols (C12-18)	68213-23-0	3.00000	0.00018
Optiscale-solve phos	U.S. Well Services	Scale Inhibitor				
			Non-hazardous substances	Proprietary	70.00000	0.00210
			Diethylenetriamine penta (methylene phosphonic acid) (DTPMP)	15827-60-8	10.00000	0.00030
			Citric acid	77-92-9	10.00000	0.00030
			2-Phosphono-1,2,4-butanetricarboxylic acid (PBTC)	37971-36-1	10.00000	0.00030
CFR-H-2800	U.S. Well Services	Friction Reducer				
			Hydrotreated Light Distillates	64742-47-8	30.00000	0.00045
			Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	5.00000	0.00009
AI-303	U.S. Well Services	Acid Corrosion Inhibitor				
			Ethylene glycol	107-21-1	40.00000	0.00007
			Cinnamaldehyde	104-55-2	20.00000	0.00003
			Formic acid	64-18-6	20.00000	0.00003
			Butyl cellosolve	111-76-2	20.00000	0.00002
			Polyether	60828-78-6	10.00000	0.00001
			Acetophenone,thiourea,formaldehyde polymer	68527-49-1	5.00000	0.00001
FR-200C	U.S. Well Services	Friction Reducer				
			Distillates (petroleum), hydrotreated light	64742-47-8	45.00000	0.00004
			Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched	69011-36-5	3.00000	0.00000
Alphainhibit	U.S. Well Services	Acid Corrosion Inhibitor				
			Ethylene glycol	107-21-1	40.00000	0.00001
			Formic acid	64-18-6	20.00000	0.00000
			Cinnamaldehyde	104-55-2	20.00000	0.00000
			Butyl cellosolve	111-76-2	20.00000	0.00000
			Acetophenone,thiourea,formaldehyde polymer	68527-49-1	5.00000	0.00000
			Polyether	60828-78-6	10.00000	0.00000

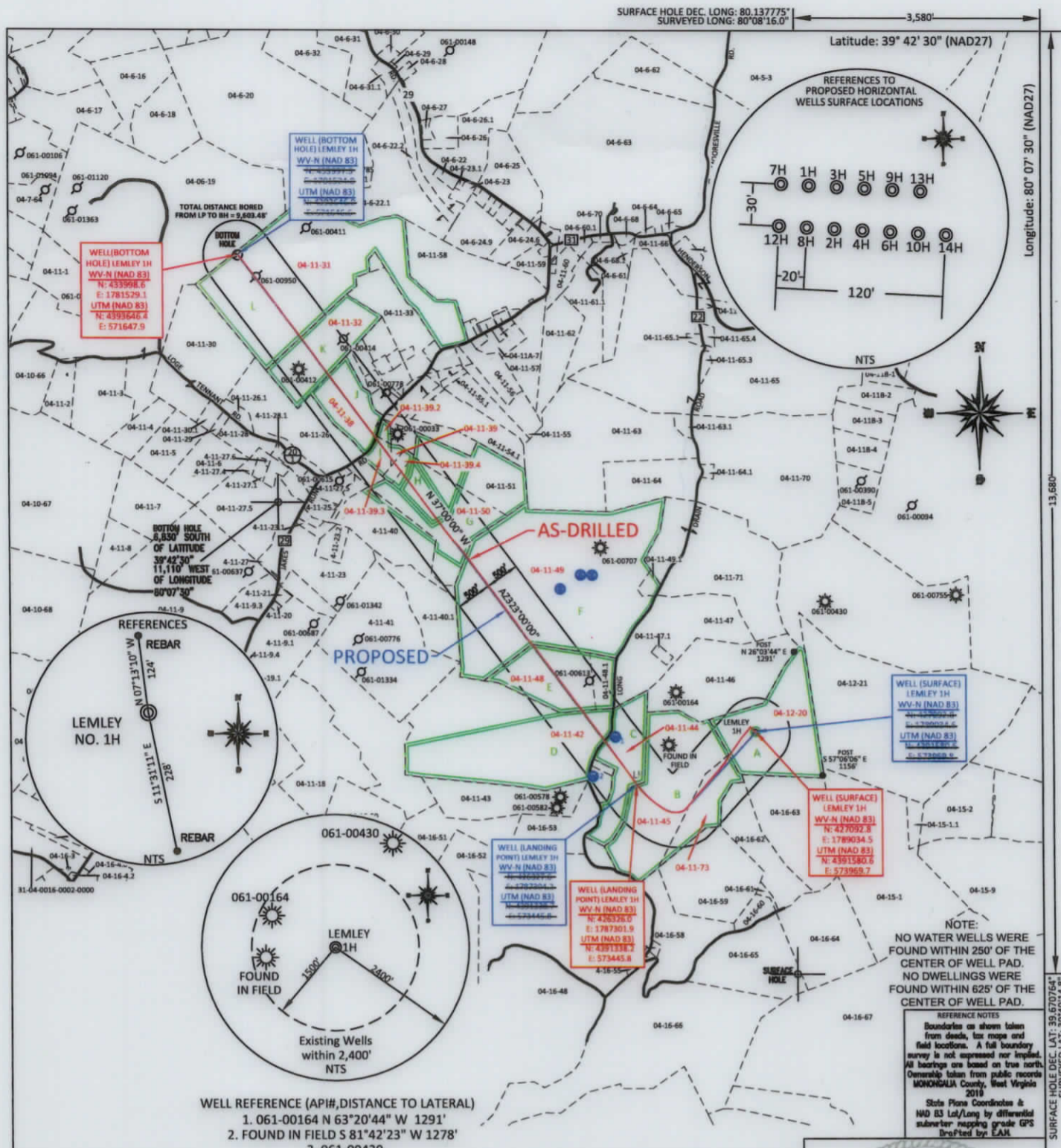
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

* Total Water Volume sources may include fresh water, produced water, and/or 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)



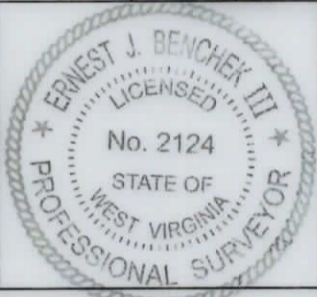
WELL REFERENCE (API#, DISTANCE TO LATERAL)
 1. 061-00164 N 63°20'44" W 1291'
 2. FOUND IN FIELD S 81°42'23" W 1278'
 3. 061-00430

NOTE:
 NO WATER WELLS WERE FOUND WITHIN 250' OF THE CENTER OF WELL PAD.
 NO DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF WELL PAD.

REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records MONONGALIA County, West Virginia 2018
 State Plane Coordinates & NAD 83 Lat/Long by differential rover mapping grade GPS drafted by EAH

FILE #: NEE14
 DRAWING #: 2899
 SCALE: PLAT: 1" = 2000'
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: _____
 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: CLARENCE W. LEMLEY JR. & CHARLOTTE E. LEMLEY

OIL & GAS ROYALTY OWNER: LEROY TENNANT, 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

WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC

ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DATE: DECEMBER 7, 2021

OPERATOR'S WELL #: LEMLEY 1H AS-DRILLED

API WELL #: 47 61 01841
 STATE COUNTY PERMIT

AS-BUILT
 ELEVATION: 1,549.47'

QUADRANGLE: BLACKSVILLE, WV

ACREAGE: 128.58 +/-

ACREAGE: 545.707 +/-

01/21/2022

01/21/2022

DATE: _____ OPERATOR'S WELL #: _____ API WELL #: _____ STATE COUNTY PERMIT	FILE #: _____ DRAWING #: _____ SCALE: _____
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LEASE INDEX		
A	WV-061-003252-001	H
B	WV-061-001291-003	I
C	WV-061-004322-001	J
D	WV-061-002269-001	K
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F	WV-061-002362-002	
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PROPERTY OWNER INDEX	
4-12-20	CLARENCE W. LEMLEY JR. & CHARLOTTE E. LEMLEY
4-11-73	DONALD STULL ET AL
4-11-42	DONALD STULL ET AL
4-11-44	WILLIAM D. STATLER SR.
4-11-42	WILLIAM D. STATLER SR.
4-11-48	RONALD W. & PATRICIA A. STATLER
4-11-49	RONALD W. & PATRICIA A. STATLER
4-11-20	JAMES O. & JANET I. JACKSON IRREVOCABLE TRUST
4-11-39A	CLYDE H. & PEARL G. LEWIS
4-11-39	RAYMOND BANE
4-11-39B	RAYMOND BANE
4-11-39C	CODY MATHEW TENNANT
4-11-38	JAMES W. HAUGHT JR., CATHY SATTERFIELD ET AL
4-11-32	PHYLLIS GEAN & NELLIE JOHNSON
4-11-31	PHYLLIS GEAN & NELLIE JOHNSON

PROPERTY OWNER INDEX	
4-12-20	CLARENCE W. LEMLEY JR. & CHARLOTTE E. LEMLEY
4-11-73	DONALD STULL ET AL
4-11-45	DONALD STULL ET AL
4-11-44	WILLIAM D. STATLER SR.
4-11-42	WILLIAM D. STATLER SR.
4-11-48	RONALD W. & PATRICIA A. STATLER
4-11-49	RONALD W. & PATRICIA A. STATLER
4-11-50	JAMES O. & JANET I. JACKSON IRREVOBABLE TRUST
4-11-39.4	CLYDE H. & PEARL G. LEWIS
4-11-39	RAYMOND BANE
4-11-39.3	RAYMOND BANE
4-11-39.2	CODY MATHEW TENNANT
4-11-38	JAMES W. HAUGHT JT., CATHY SATTERFIELD ET AL
4-11-32	PHYLLIS GEAN & NELLIE JOHNSON
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E	WV-061-003947-001	L	WV-061-003664-001
F	WV-061-002367-002		
G	WV-061-003971-001		

01/21/2022

FILE #: NEE14

DRAWING #: 2900

SCALE: N/A

DATE: DECEMBER 7, 2021

OPERATOR'S WELL #: LEMLEY 1H AS-DRILLED

API WELL #: 47 61 01841
STATE COUNTY PERMIT