

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

RECEIVED
Office Of Oil and Gas

OCT 08 2024

WV Department of
Environmental Protection

API 47 - 017 - 06959 County Doddridge District West Union
Quad West Union Pad Name Genevieve Field/Pool Name -----
Farm name Antero Resources Corp. Well Number Dixie Unit 2H
Operator (as registered with the OOG) Antero Resources Corporation
Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4350489.357m Easting 518823.279m
Landing Point of Curve Northing 4350357.76m Easting 518981.43m
Bottom Hole Northing 4347943.475m Easting 519785.349m

Elevation (ft) 886' 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)
Air - Foam & 4% KCL
Mud - Polymer

Date permit issued 9/11/2023 Date drilling commenced 12/12/2023 Date drilling ceased 3/27/2024
Date completion activities began 5/25/2024 Date completion activities ceased 6/27/2024
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

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

Freshwater depth(s) ft 414, 516' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1468' Void(s) encountered (Y/N) depths No
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

APPROVED

Reviewed by:
SK 12-4-24
12/13/2024

API 47-017 - 06959 Farm name Antero Resources Corp. Well number Dixie Unit 2H

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	28"	20"	130'	New	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	624'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3237'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	15571'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6731'		4.7#, P-110		
Packer type and depth set		N/A					

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	Class A	204 sx	15.6	1.18	241	0'	8 Hrs.
Surface	Class C	570 sx	15.8	1.16	661	0'	8 Hrs.
Coal							
Intermediate 1	Class C	1185 sx	15.8	1.16	1375	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	2495 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.31 (Tail)	3269	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 15571' MD, 6525' TVD (BHL), 6572' (Deepest Point Drilled) Loggers TD (ft) 15571' MD

Deepest formation penetrated Marcellus Plug back to (ft) N/A

Plug back procedure N/A

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Kick off depth (ft) 5259'

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Check all wireline logs run caliper density deviated/directional induction neutron resistivity gamma ray temperature sonic

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Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

Conductor - 0
Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface
Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface
Production - 1 above float joint, 1 below float collar, 1 every 3rd joint to top of cement

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 N/A

APPROVED

12/13/2024
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API 47- 017 - 06959 Farm name Antero Resources Corp. Well number Dixie Unit 2H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>Marcellus</u>	<u>6498' (TOP)</u> TVD	<u>6871' (TOP)</u> 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 2557 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
14364 mcfpd 152 bpd --- bpd 613 bpd Estimated Orifice Pilot

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

***PLEASE SEE ATTACHED EXHIBIT 3**

Please insert additional pages as applicable.

Drilling Contractor H & P Drilling
 Address 912 N Eagle Valley Rd City Howard State PA Zip 16841

Logging Company Nine Energy Services
 Address 6500 West Fwy City Fort Worth State TX Zip 76116

Cementing Company Halliburton Energy Services
 Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114

Stimulating Company Halliburton
 Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114

Please insert additional pages as applicable.

Completed by Carly Marvel Telephone 303-357-7373
 Signature Carly Marvel Title Permitting Agent Date 9/23/2024

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

APPROVED 12/13/2024 JK
12-4-24

OCT 08 2024

API 47-017-06959 Farm Name Antero Resources Corporation Well Number Dixie Unit 2H					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	5/25/2024	15444.9	15401	36	Marcellus
2	5/26/2024	15362.16984	15196.019	36	Marcellus
3	5/26/2024	15160.38889	14994.2381	36	Marcellus
4	5/27/2024	14958.60794	14792.4571	36	Marcellus
5	5/28/2024	14756.82698	14590.6762	36	Marcellus
6	5/29/2024	14555.04603	14388.8952	36	Marcellus
7	5/30/2024	14353.26508	14187.1143	36	Marcellus
8	5/30/2024	14151.48413	13985.3333	36	Marcellus
9	5/31/2024	13949.70317	13783.5524	36	Marcellus
10	6/1/2024	13747.92222	13581.7714	36	Marcellus
11	6/1/2024	13546.14127	13379.9905	36	Marcellus
12	6/2/2024	13344.36032	13178.2095	36	Marcellus
13	6/2/2024	13142.57937	12976.4286	36	Marcellus
14	6/2/2024	12940.79841	12774.6476	36	Marcellus
15	6/3/2024	12739.01746	12572.8667	36	Marcellus
16	6/3/2024	12537.23651	12371.0857	36	Marcellus
17	6/3/2024	12335.45556	12169.3048	36	Marcellus
18	6/4/2024	12133.6746	11967.5238	36	Marcellus
19	6/4/2024	11931.89365	11765.7429	36	Marcellus
20	6/5/2024	11730.1127	11563.9619	36	Marcellus
21	6/5/2024	11528.33175	11362.181	36	Marcellus
22	6/5/2024	11326.55079	11160.4	36	Marcellus
23	6/6/2024	11124.76984	10958.619	36	Marcellus
24	6/6/2024	10922.98889	10756.8381	36	Marcellus
25	6/6/2024	10721.20794	10555.0571	36	Marcellus
26	6/7/2024	10519.42698	10353.2762	36	Marcellus
27	6/7/2024	10317.64603	10151.4952	36	Marcellus
28	6/9/2024	10115.86508	9949.71429	36	Marcellus
29	6/9/2024	9914.084127	9747.93333	36	Marcellus
30	6/9/2024	9712.303175	9546.15238	36	Marcellus
31	6/10/2024	9510.522222	9344.37143	36	Marcellus
32	6/10/2024	9308.74127	9142.59048	36	Marcellus
33	6/10/2024	9106.960317	8940.80952	36	Marcellus
34	6/10/2024	8905.179365	8739.02857	36	Marcellus
35	6/10/2024	8703.398413	8537.24762	36	Marcellus
36	6/10/2024	8501.61746	8335.46667	36	Marcellus
37	6/10/2024	8299.836508	8133.68571	36	Marcellus
38	6/10/2024	8098.055556	7931.90476	36	Marcellus
39	6/11/2024	7896.274603	7730.12381	36	Marcellus
40	6/11/2024	7694.493651	7528.34286	36	Marcellus
41	6/12/2024	7492.712698	7326.5619	36	Marcellus
42	6/12/2024	7290.931746	7124.78095	36	Marcellus
43	6/12/2024	7089.150794	6923	36	Marcellus

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API 47-017-06959 Farm Name Antero Resources Corporation Well Number Dixie Unit 2H

EXHIBIT 2

Stage No.	Stimulations Date	Avg Pump Rate	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/ other (units)
1	5/25/2024	90.3	10034.9	7755.2	3891.2	168660	5073.6	N/A
2	5/26/2024	96.8	9324.3	6715.2	4443.5	416640	7406.6	N/A
3	5/26/2024	96.7	8901.1	6497.3	4150.0	411620	6878.0	N/A
4	5/27/2024	93.4	8945.1	6242.4	4946.0	421080	7066.0	N/A
5	5/28/2024	98.7	9465.6	6273.5	3839.7	424680	7210.4	N/A
6	5/29/2024	96.9	9315.1	6718.0	3886.7	415320	6932.9	N/A
7	5/30/2024	97.6	9644.8	6494.8	4060.0	418400	7168.3	N/A
8	5/30/2024	97.1	9568.8	6348.2	4240.0	415020	6941.7	N/A
9	5/31/2024	97.0	9573.4	6072.8	4197.2	424600	7018.7	N/A
10	6/1/2024	98.3	9083.3	6088.5	4494.9	416940	7207.6	N/A
11	6/1/2024	97.5	9044.7	6283.4	3992.0	414300	6930.2	N/A
12	6/2/2024	96.7	8852.3	6101.3	4349.0	418380	6937.8	N/A
13	6/2/2024	95.7	9066.0	6049.5	3693.5	414480	6995.0	N/A
14	6/2/2024	97.0	9058.9	6284.9	3673.9	412100	6952.3	N/A
15	6/3/2024	95.7	8879.0	4937.2	3837.0	418320	6847.8	N/A
16	6/3/2024	96.3	9077.4	6037.2	3788.6	417660	6990.0	N/A
17	6/3/2024	96.9	8905.2	6120.5	3835.0	402760	6946.9	N/A
18	6/4/2024	96.0	8607.4	5995.2	3760.1	417740	7326.5	N/A
19	6/4/2024	96.2	9050.0	6242.7	4283.8	417560	7061.6	N/A
20	6/5/2024	96.2	8725.8	5749.7	4020.0	395030	7107.2	N/A
21	6/5/2024	95.6	9029.9	5863.0	3848.8	419080	6965.0	N/A
22	6/5/2024	96.7	9029.5	5856.2	4130.3	404060	6729.4	N/A
23	6/6/2024	96.6	9092.5	6234.5	4252.0	401830	6685.5	N/A
24	6/6/2024	97.5	8619.0	5722.8	3656.4	402020	6734.2	N/A
25	6/6/2024	97.6	8496.7	5728.1	4138.0	398170	6601.4	N/A
26	6/7/2024	97.5	8851.8	6397.2	4379.0	416560	6926.9	N/A
27	6/7/2024	96.5	8864.0	6250.7	3724.6	402890	7019.9	N/A
28	6/9/2024	97.2	8931.0	6085.2	4719.0	415980	7089.8	N/A
29	6/9/2024	98.3	8791.1	6281.2	4145.5	400650	6809.5	N/A
30	6/9/2024	97.3	8327.9	5832.4	4961.2	401460	6748.0	N/A
31	6/10/2024	97.9	8452.6	6009.7	4022.9	401370	6861.7	N/A
32	6/10/2024	97.8	8455.3	6172.7	4642.5	399040	6941.6	N/A
33	6/10/2024	97.4	8454.5	6100.6	4739.7	414680	7083.8	N/A
34	6/10/2024	97.9	8293.9	5795.8	4047.9	399700	6932.0	N/A
35	6/10/2024	97.8	8430.0	6221.2	4229.9	402150	6636.6	N/A
36	6/10/2024	97.1	8167.1	5923.2	4161.8	398470	6754.9	N/A
37	6/10/2024	97.1	7830.2	5732.7	4462.6	398860	6726.0	N/A
38	6/10/2024	96.8	8042.4	5670.7	3648.8	399040	6660.1	N/A
39	6/11/2024	97.0	8104.4	5724.9	4705.8	403440	6865.7	N/A
40	6/11/2024	97.8	8445.9	5887.5	3420.9	409660	7073.3	N/A
41	6/12/2024	97.5	7734.9	5694.0	4675.0	398410	6704.8	N/A
42	6/12/2024	97.2	8047.4	6116.4	4708.3	401600	6843.8	N/A
43	6/12/2024	97.8	8135.4	7083.2	3605.6	419420	7247.4	N/A
	AVERAGE	97	8,785	6,125	4,149	17,369,830	296,640	TOTAL

12/13/2024

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API 47-017-06959 Farm Name Antero Resources Corporation Well Number Dixie Unit 2H

EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
Sandy Siltstone, Occ Shale	100	200	100	200
Silty Shale, Occ Sandstone	200	250	200	250
Silty Sandstone, Occ Shale	250	550	250	550
Silty Shale, Occ Sandstone	300	700	300	700
Sandy Siltstone, Occ Shale	550	700	550	700
Silty Sandstone	700	800	700	800
Sandstone, Occ Siltstone	800	1,000	800	1,000
Sandy Siltstone, Occ Shale	1,000	1,100	1,000	1,100
Silty Sandstone	1,100	1,250	1,100	1,250
Sandy Siltstone, rr Coal	1,250	1,350	1,250	1,350
Silty Sandstone	1,350	1,450	1,350	1,450
Silty Sandstone, tr Coal	1,450	1,600	1,450	1,600
Sandy Siltstone	1,600	1,800	1,600	1,800
Sandy Siltstone, tr Shale	1,800	1,820	1,800	1,820
Shaley Siltstone, tr Sandstone	1,820	1,772	1,820	1,783
Big Lime	1,802	2,450	1,783	2,469
Fifty Foot Sandstone	2,450	2,539	2,439	2,560
Gordon	2,539	2,753	2,530	2,776
Fifth Sandstone	2,753	2,863	2,746	2,887
Bayard	2,863	3,647	2,857	3,684
Speechley	3,647	3,901	3,654	3,943
Balltown	3,901	4,403	3,913	4,449
Bradford	4,403	4,830	4,419	4,880
Benson	4,830	5,119	4,850	5,172
Alexander	5,119	6,324	5,142	6,531
Sycamore	6,168	6,294	6,322	6,501
Middlesex	6,294	6,423	6,501	6,701
Burkett	6,423	6,452	6,701	6,760
Tully	6,452	6,498	6,760	6,871
Marcellus	6,498	NA	6,871	NA

*Please note Antero determines formation tops based on mud logs that are only run on one well on a multi-well pad. The measured depth (MD) data on subsequent wells may be slightly different due to the well's unique departure.

12/13/2024

9,015' to Top Hole

5,881' to Bottom Hole
TOP HOLE LATITUDE 39 - 20 - 00
BTM HOLE LATITUDE 39 - 17 - 30

LONGITUDE 80 - 45 - 00
4,053' to Bottom Hole

10,866' to Top Hole

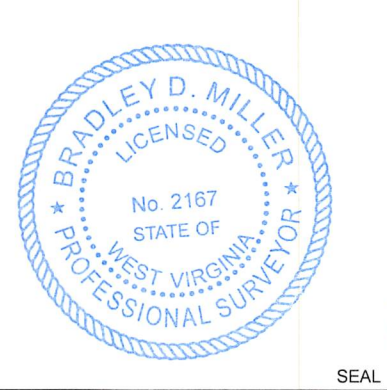
Antero Resources
Well No. Dixie 2H
As-Drilled
Antero Resources Corporation



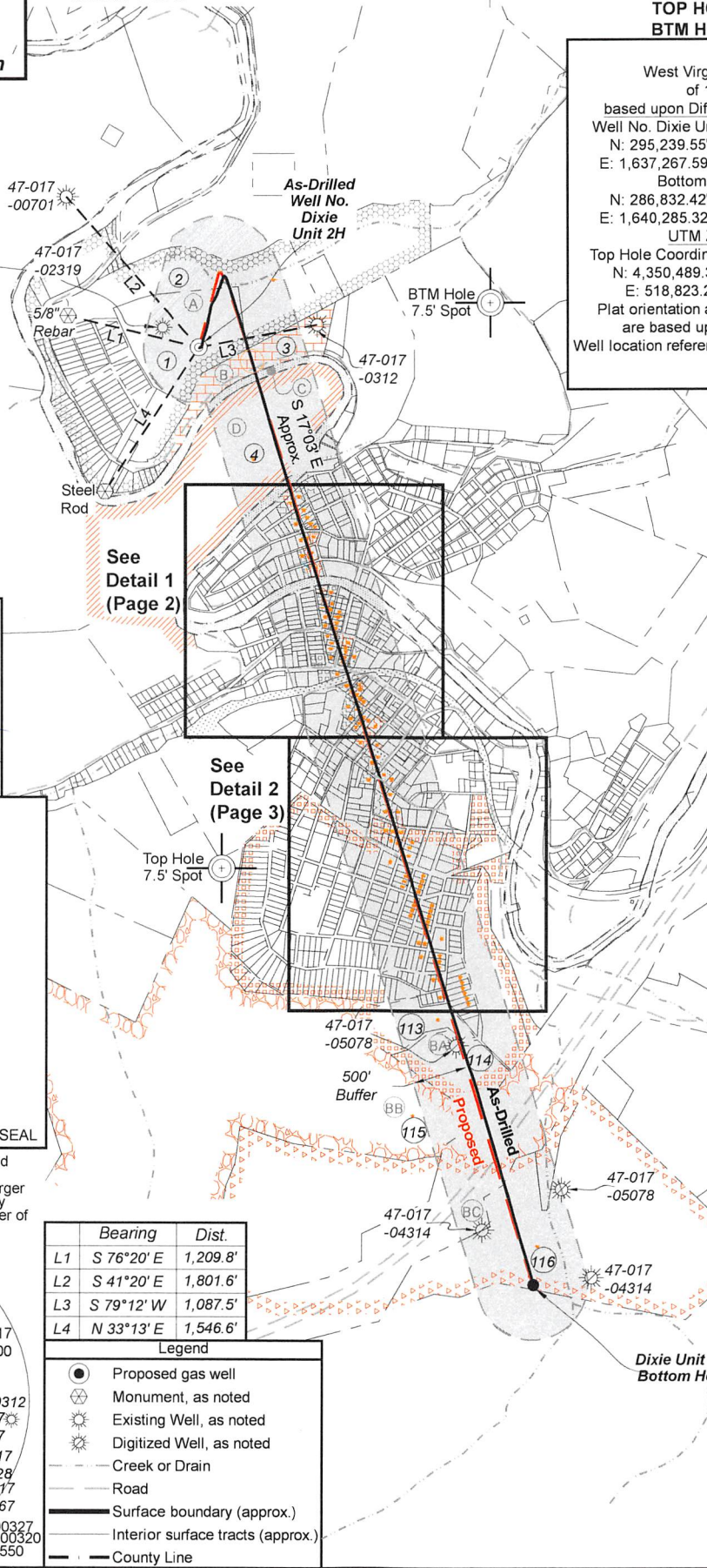
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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 rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller
Bradley D. Miller, P.S. 2167

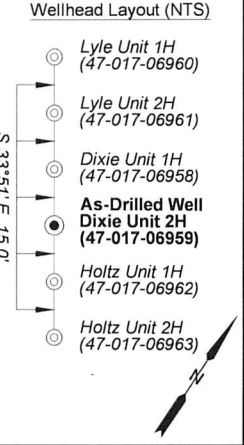


Sheet 1 of 5



Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Dixie Unit 2H Top Hole coordinates are
N: 295,239.55' Latitude: 39°18'12.61"
E: 1,637,267.59' Longitude: 80°46'54.69"
Bottom Hole coordinates are
N: 286,832.42' Latitude: 39°16'49.94"
E: 1,640,285.32' Longitude: 80°46'14.79"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,350,489.357m N: 4,347,943.475m
E: 518,823.279m E: 519,785.349m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Notes:
Well No. Dixie Unit 2H As-Drilled POE Coordinates WV Coordinate System of 1927, North Zone
N: 295,115.94'
E: 1,637,745.47'
Latitude: 39°18'11.45"
Longitude: 80°46'48.59"
UTM Zone 17, NAD 1983
N: 4,350,454.132m
E: 518,969.493m



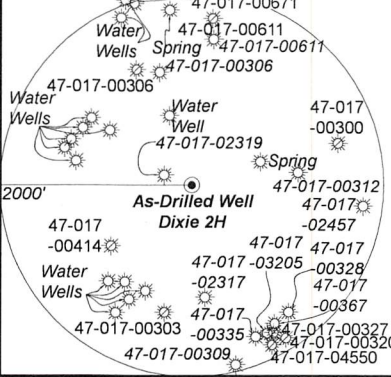
See Detail 1 (Page 2)

See Detail 2 (Page 3)

	Bearing	Dist.
L1	S 76°20' E	1,209.8'
L2	S 41°20' E	1,801.6'
L3	S 79°12' W	1,087.5'
L4	N 33°13' E	1,546.6'

- Legend**
- Proposed gas well
 - Monument, as noted
 - Existing Well, as noted
 - Digitized Well, as noted
 - Creek or Drain
 - Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)
 - County Line

Note: 14 water wells and 2 springs were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



FILE NO: 58-30-WU-14
DRAWING NO: Dixie Unit 2H As-Drilled Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 4 20 24
OPERATOR'S WELL NO. Dixie Unit 2H
API WELL NO
47 - 017 - 06959
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built: 886' WATERSHED: Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union Antero COUNTY: Doddridge
SURFACE OWNER: Resources Corp. ACREAGE: 16.5
ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: _____ ACREAGE: _____ 90
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,525' TVD
15,571' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

12/13/2024



Detail 1
(NTS)



FILE NO: 58-30-WU-14
 DRAWING NO: Dixie Unit 2H As-Drilled Well Plat
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY:
Submeter
 PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 4 20 24
 OPERATOR'S WELL NO. Dixie Unit 2H
API WELL NO
47 — 017 — 06959
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built: 886' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union Antero COUNTY: Doddridge
 SURFACE OWNER: Resources Corp. ACREAGE: 16.5
 ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: _____ ACREAGE: _____ 90

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,525' TVD
15,571' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

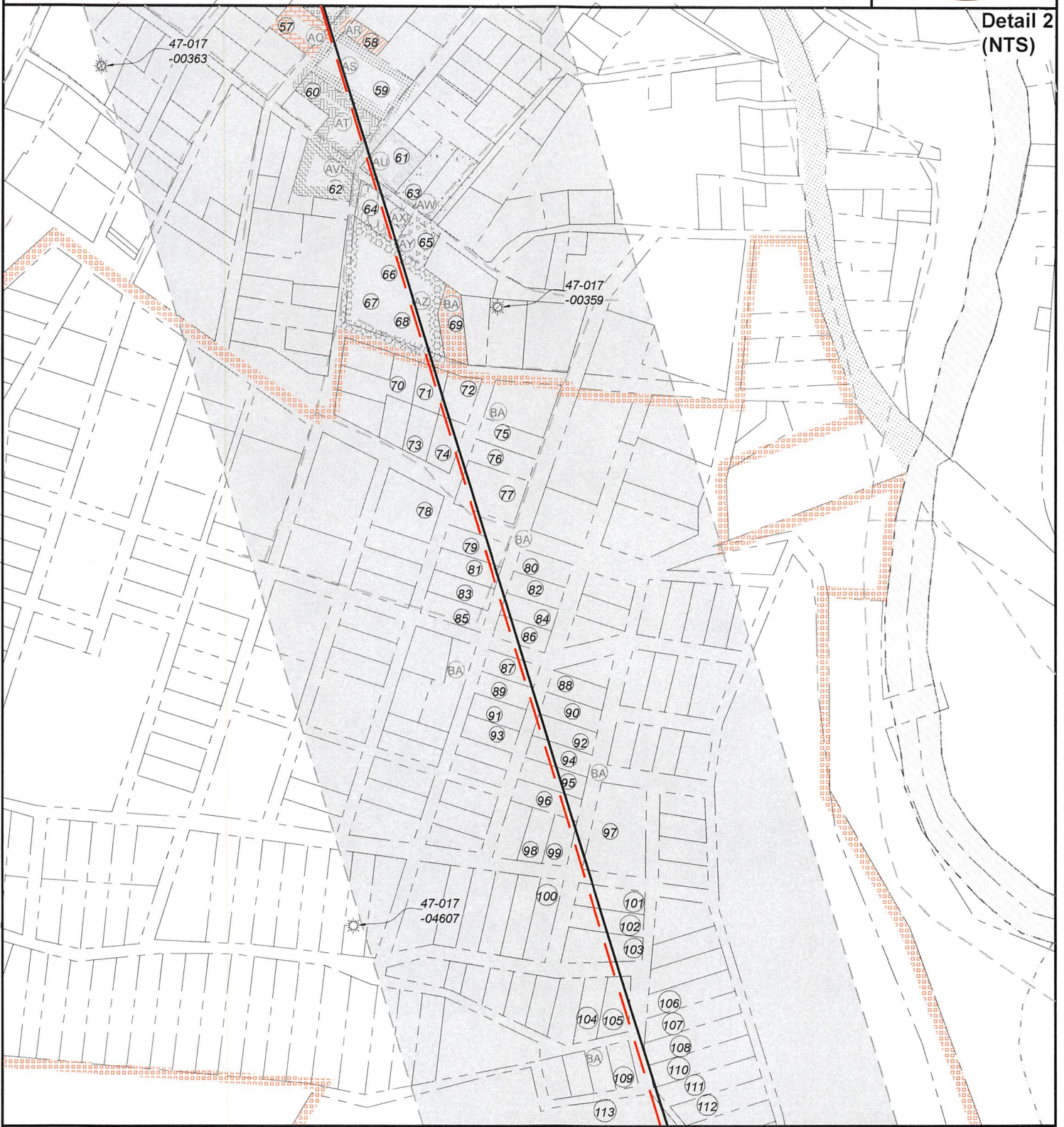
12/13/2024

Antero Resources
Well No. Dixie 2H
As-Drilled
Antero Resources Corporation

Sheet 3 of 5



Detail 2
(NTS)



FILE NO: 58-30-WU-14
 DRAWING NO: Dixie Unit 2H As-Drilled Well Plat
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY:
Submeter
 PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 4 20 24
 OPERATOR'S WELL NO. Dixie Unit 2H
 API WELL NO
47 - 017 - 06959
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built: 886' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union Antero COUNTY: Doddridge
 SURFACE OWNER: Resources Corp. ACREAGE: 16.5
 ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: _____ ACREAGE: _____ 90
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,525' TVD 15,571' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

12/13/2024



Leases	
A	Claude F. Smith, et ux
B	Harret B. Jarvis, et al
C	WVDNR
D	J.M.L. Smith
E	Donald R. Dotson, Jr., et ux
F	Ronda Jean Adkins
G	Argil Waine Nicholson II, et ux
H	Stephen M. & Cathy Jo Ash
I	Shirley M. Smith
J	Sharon E. Walker & Ron Burns
K	300N, LLC
L	300N, LLC
M	Lorelei F. Phillips
N	Doris K. Sheets
O	Mary Jane Staats
P	Dorothy L. & F. Thomas Cross Jr.
Q	Gary Fox, et ux
R	West Union First Assembly of God
S	Webb & Sons Holdings, LLC
T	West Union First Assembly of God
U	CGP Development Co. Inc.
V	CGP Development Co. Inc.
W	Timothy C. Phillips
X	Doris J. Roberts-Gump
Y	Timothy C. Phillips
Z	Richard C. Beck, et al
AA	Doddridge County Senior Citizens, Inc.

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AC	WV State Rail Authority
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AG	300N, LLC
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AI	West Union Baptist Church
AJ	West Union Baptist Church
AK	Chad William Johnson
AL	Joseph R. Thorpe, et ux
AM	Linda McKinney
AN	United Hospital Center, Inc.
AO	Chad William Johnson
AP	United Hospital Center, Inc.
AQ	300N, LLC
AR	Howard D. Spurlock, II
AS	Elizabeth W. Romine
AT	Virginia L. Nicholson
AU	Emmanuel UM Church
AV	Emmanuel UM Church
AW	Emmanuel UM Church
AX	Volusia Ventures, LLC
AY	Lynn R. Ireland Sr.
AZ	Mary A. Stuart, et al
BA	Mary A. Stuart, et al
BB	Celia Schulte & Hazel B. Butler
BC	Joseph Cheuvront & W.S. Stuart

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STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 4 2024
 OPERATOR'S WELL NO. Dixie Unit 2H
API WELL NO
47 - 017 - 06959
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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12/13/2024

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330



ID	TM-Par	Owner	Bk/Pg	Acres
1	11-3	Antero Resources Corp.	431/528	16.50
2	11-4	Paul D. & Sharon K. Weekley	186/743	17.30
3	11-4.1	Mary Lou Holland	286/313	9.55
4	11-13	Frank E. McGill	429/448	58.55
5	1-134	Donald R. Jr. & Teresa Dotson	406/122	0.31
6	1-136	Lena McAllister, et al	136/2	0.26
7	1-138	Argil Waine, II & Angela D. Nicholson	257/538	0.19
8	1-140	Argil Waine, II & Angela D. Nicholson	257/538	0.22
9	1-142.1	Stephen M. & Cathy Jo Ash	236/602	0.33
10	1-140.1	Argil Waine, II & Angela D. Nicholson	257/538	0.11
11	1-142	Shirley Ann Smith	306/75	0.09
12	3-7	Sharon E. Walker & Ron Burns	303/705	0.22
13	3-7.2	Guy Vespoint, III	510/440	0.11
14	3-7.1	Guy Vespoint, III	510/440	0.17
15	3-17	Lorelei S. Phillips	WB41/625	0.32
16	3-15	Doris Kay Sheets	431/439	0.17
17	3-16	Lorelei S. Phillips	WB41/625	0.32
18	3-24	Francis Noll	469/43	0.16
19	3-37.1	Floyd T. & Dorothy Lou Cross	215/53	0.09
20	3-37	Gary & Leona Fox	236/33	0.09
21	3-36	Dorothy L. & F. Thomas Cross Jr.	217/86	0.25
22	3-34	Dorothy L. & F. Thomas Cross Jr.	217/86	0.10
23	3-35.1	West Union First Assembly of God	380/494	0.04
24	3-35	Webb & Son Holdings, LLC	366/671	0.11
25	3-31	West Union First Assembly of God	197/656	0.22
26	3-33	William Clayce Spurlock, et al	209/295	0.11
27	3-32	West Union First Assembly of God	196/99	0.11
28	3-85	West Union First Assembly of God	197/656	0.07
29	3-87	West Union First Assembly of God	196/99	0.11
30	3-86	CGP Development Co. Inc.	232/403	0.20
31	3-132	CGP Development Inc.	237/383	0.11
32	3-88	Timothy C. & Lorelei F. Phillips	WB62/610	0.15
33	3-133	Doris J. Roberts-Gump	357/67	0.05
34	3-134	CGP Development Co. Inc.	245/668	0.17
35	3-135	Timothy C. Phillips	428/266	0.10
36	3-136	Richard C. Beck	232/145	0.05
37	3-137	Doddridge County Senior Citizens, Inc.	267/51	0.10
38	3-140.1	James A. & Connie Jo Brannam	318/654	0.25
39	3-139	Doddridge County Senior Citizens, Inc.	267/51	0.10
40	3-192	Doddridge Co. Sr. Citizens Inc	179/158	0.19
41	3-193	Doddridge County Senior Citizens, Inc	272/725	0.23
42	3-194.1	David E. Bowyer	524/454	0.08
43	3-196	Doddridge County Senior Citizens, Inc.	272/725	0.06
44	3-197	Doddridge County Senior Citizens, Inc.	272/725	0.07
45	3-198	James R. & Jane Ellen Merritt	357/15	0.10
46	3-195.4	John J. & Nancy Drippleman	154/98	0.04
47	3-195.2	John J. & Nancy Drippleman	168/360	0.08
48	3-191.1	West Union Baptist Church	161/190	0.34
49	3-199	Baptist Church	---/---	0.20
50	3-200	West Union Baptist Church Trustees	294/652	0.06
51	3-201	Joseph R. & Myla S. Thorpe	512/275	0.13
52	3-203	Joseph R. & Myla Thorpe	400/498	0.26
53	3-202	Linda McKinney	235/84	0.04
54	3-235	United Hospital Center Inc.	375/718	0.27
55	3-234	Julie A. Smith	512/273	0.05
56	3-237	United Hospital Center Inc.	375/718	0.22
57	3-239	Andrew J. Menendez	332/560	0.19
58	3-246	Marian E. Spurlock	465/727	0.08

ID	TM-Par	Owner	Bk/Pg	Acres
59	3-248	Elizabeth W. Romine	301/639	0.49
60	3-249	William S. Heffin, et al	444/128	0.31
61	3-264	B.H. Maulsby Trustee	---/---	0.23
62	3-280	Emmanuel United Methodist Church	173/758	0.31
63	3-261	Emmanuel United Methodist Church Trustees	276/486	0.16
64	3-282.2	Emmanuel United Methodist Church	519/314	0.25
65	3-282.1	John D. & Tina Marie Towner	445/323	0.14
66	3-288	Mary Farr Secrist	WB36/52	0.56
67	3-288.1	Mary Farr Secrist	WB36/52	0.14
68	3-289	Mary Farr Secrist	WB36/52	0.20
69	3-309	Mary Farr Secrist	WB36/52	0.22
70	3-300.1	Steven R. Chipps & Shawna Chipps	447/719	0.24
71	3-302	David R. Lipscomb & Haley A. Stephenson	469/171	0.13
72	4-80	David R. Lipscomb & Haley A. Stephenson	469/171	0.16
73	4-81	Paulene B. Roush Estate	WB26/57	0.12
74	4-82	Joshua B. Baldwin	405/682	0.13
75	4-84	Hunter C. Stansberry	WB106/719	0.16
76	4-85.1	Hunter C. Stansberry	WB106/719	0.16
77	4-85	Richard C. McMillian	WB118/285	0.32
78	31-14	Donald H. & Helen Michels	WB32/156	0.37
79	31-16	Kimberly L. & Dennis H. Powell II	285/614	0.17
80	4-98	George J. Buff, III & J. Charles Buff	377/517	0.14
81	31-17	Powell Family Trust	304/363	0.16
82	31-115	George J. Buff, III & J. Charles Buff	377/517	0.14
83	31-113	Powell Family Trust	304/363	0.16
84	3-116	George J. Buff, III & J. Charles Buff	377/517	0.14
85	31-112	Powell Family Trust	304/363	0.16
86	31-117	George J. Buff, III & J. Charles Buff	377/517	0.14
87	31-118	George J. Buff, III & J. Charles Buff	377/517	0.14
88	31-141	George J. Buff, III & J. Charles Buff	377/517	0.15
89	31-119	George J. Buff, III & J. Charles Buff	377/517	0.14
90	31-140	George J. Buff, III & J. Charles Buff	377/517	0.15
91	31-120	George J. Buff, III & J. Charles Buff	377/517	0.14
92	31-139	George J. Buff, III & J. Charles Buff	377/517	0.16
93	31-121	George J. Buff, III & J. Charles Buff	377/517	0.14
94	31-138	George J. Buff, III & J. Charles Buff	377/517	0.16
95	31-137	George J. Buff, III & J. Charles Buff	377/517	0.17
96	31-136	George J. Buff, III & J. Charles Buff	377/517	0.17
97	31-41	Leland M. Hickman	74 / 299	0.54
98	31-134	George J. Buff, III & J. Charles Buff	377/517	---
99	31-133	George J. Buff, III & J. Charles Buff	377/517	---
100	31-132	George J. Buff, III & J. Charles Buff	377/517	0.21
101	31-163	George J. Buff, III & J. Charles Buff	377/517	0.16
102	31-164	George J. Buff, III & J. Charles Buff	377/517	0.16
103	31-165	George J. Buff, III & J. Charles Buff	377/517	0.23
104	31-173	George J. Buff, III & J. Charles Buff	377/517	0.16
105	31-174	George J. Buff, III & J. Charles Buff	377/517	0.18
106	31-228	George J. Buff, III & J. Charles Buff	377/517	0.22
107	31-229	George J. Buff, III & J. Charles Buff	377/517	0.24
108	31-230	George J. Buff, III & J. Charles Buff	377/517	0.25
109	31-224	George J. Buff, III & J. Charles Buff	377/517	---
110	31-231	George J. Buff, III & J. Charles Buff	377/517	0.26
111	31-232	George J. Buff, III & J. Charles Buff	377/517	0.26
112	31-233	George J. Buff, III & J. Charles Buff	377/517	0.24
113	11-71	Lyle K. Baker	177/304	8.29
114	11-73	Key Oil Company	265/540	11.84
115	15-3	E Properties LTD	201/396	186.86
116	15-4	E Properties LTD	201/396	115.03

FILE NO: 58-30-WU-14
DRAWING NO: Dixie Unit 2H As-Drilled Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 4 20 24
OPERATOR'S WELL NO. Dixie Unit 2H
API WELL NO
47 - 017 - 06959
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built: 886' WATERSHED: Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union Antero COUNTY: Doddridge
SURFACE OWNER: Resources Corp. ACREAGE: 16.5
ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: ACREAGE: 90
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,525' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,571' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

Antero Resources
Well No. Dixie 2H
As-Drilled
Antero Resources Corporation



Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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 rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller
 Bradley D. Miller, P.S. 2167



Sheet 1 of 5

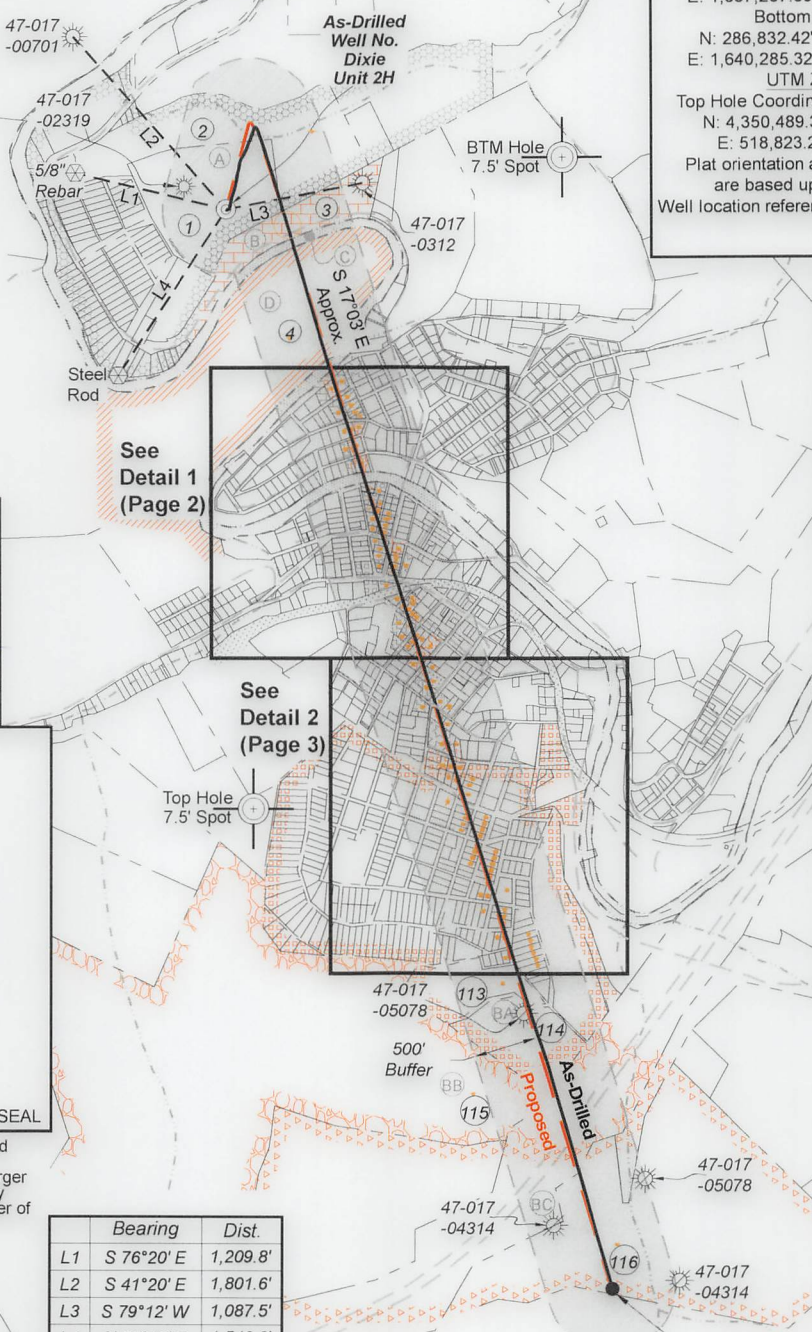
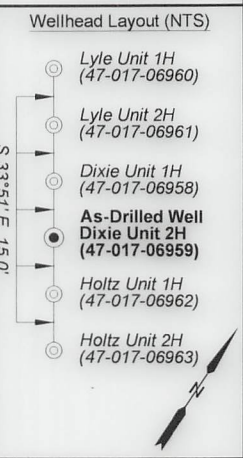
9,015' to Top Hole

5,881' to Bottom Hole
 TOP HOLE LATITUDE 39 - 20 - 00
 BTM HOLE LATITUDE 39 - 17 - 30

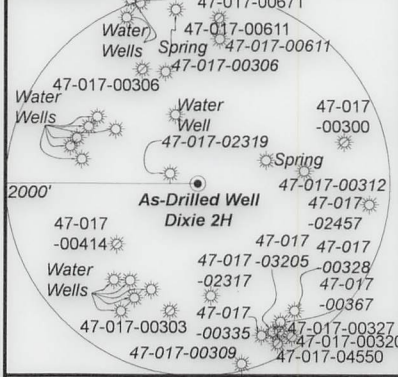
LONGITUDE 80 - 45 - 00
 4,053' to Bottom Hole

Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Dixie Unit 2H Top Hole coordinates are
 N: 295,239.55' Latitude: 39°18'12.61"
 E: 1,637,267.59' Longitude: 80°46'54.69"
 Bottom Hole coordinates are
 N: 286,832.42' Latitude: 39°16'49.94"
 E: 1,640,285.32' Longitude: 80°46'14.79"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,350,489.357m N: 4,347,943.475m
 E: 518,823.279m E: 519,785.349m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Notes:
 Well No. Dixie Unit 2H As-Drilled POE Coordinates WV Coordinate System of 1927, North Zone
 N: 295,115.94'
 E: 1,637,745.47'
 Latitude: 39°18'11.45"
 Longitude: 80°46'48.59"
 UTM Zone 17, NAD 1983
 N: 4,350,454.132m
 E: 518,969.493m



Note: 14 water wells and 2 springs were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



Bearing	Dist.
L1 S 76°20' E	1,209.8'
L2 S 41°20' E	1,801.6'
L3 S 79°12' W	1,087.5'
L4 N 33°13' E	1,546.6'

- Legend
- Proposed gas well
 - ⊛ Monument, as noted
 - ⊙ Existing Well, as noted
 - ⊙ Digitized Well, as noted
 - Creek or Drain
 - Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)
 - County Line

FILE NO: 58-30-WU-14
 DRAWING NO: Dixie Unit 2H As-Drilled Well Plat
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STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

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WR-35



Detail 1
(NTS)



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Well No. Dixie 2H
As-Drilled
Antero Resources Corporation

Sheet 3 of 5



Detail 2
(NTS)



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WR-35



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 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built: 886' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union Antero COUNTY: Doddridge
 SURFACE OWNER: Resources Corp. ACREAGE: 16.5
 ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: _____ ACREAGE: _____ 90
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,571' MD 6,525' TVD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

12/13/2024



ID	TM-Par	Owner	Bk/Pg	Acres
1	11-3	Antero Resources Corp.	431/528	16.50
2	11-4	Paul D. & Sharon K. Weekley	186/743	17.30
3	11-4.1	Mary Lou Holland	286/313	9.55
4	11-13	Frank E. McGill	429/448	58.55
5	1-134	Donald R. Jr. & Teresa Dotson	406/122	0.31
6	1-136	Lena McAllister, et al	136/2	0.26
7	1-138	Argil Waine, II & Angela D. Nicholson	257/538	0.19
8	1-140	Argil Waine, II & Angela D. Nicholson	257/538	0.22
9	1-142.1	Stephen M. & Cathy Jo Ash	236/602	0.33
10	1-140.1	Argil Waine, II & Angela D. Nicholson	257/538	0.11
11	1-142	Shirley Ann Smith	306/75	0.09
12	3-7	Sharon E. Walker & Ron Burns	303/705	0.22
13	3-7.2	Guy Vespoint, III	510/440	0.11
14	3-7.1	Guy Vespoint, III	510/440	0.17
15	3-17	Lorelei S. Phillips	WB41/625	0.32
16	3-15	Doris Kay Sheets	431/439	0.17
17	3-16	Lorelei S. Phillips	WB41/625	0.32
18	3-24	Francis Noll	469/43	0.16
19	3-37.1	Floyd T. & Dorothy Lou Cross	215/53	0.09
20	3-37	Gary & Leona Fox	236/33	0.09
21	3-36	Dorothy L. & F. Thomas Cross Jr.	217/86	0.25
22	3-34	Dorothy L. & F. Thomas Cross Jr.	217/86	0.10
23	3-35.1	West Union First Assembly of God	380/494	0.04
24	3-35	Webb & Son Holdings, LLC	366/671	0.11
25	3-31	West Union First Assembly of God	197/656	0.22
26	3-33	William Clayce Spurlock, et al	209/295	0.11
27	3-32	West Union First Assembly of God	196/99	0.11
28	3-85	West Union First Assembly of God	197/656	0.07
29	3-87	West Union First Assembly of God	196/99	0.11
30	3-86	CGP Development Co. Inc.	232/403	0.20
31	3-132	CGP Development Inc.	237/383	0.11
32	3-88	Timothy C. & Lorelei F. Phillips	WB62/610	0.15
33	3-133	Doris J. Roberts-Gump	357/67	0.05
34	3-134	CGP Development Co. Inc.	245/668	0.17
35	3-135	Timothy C. Phillips	428/266	0.10
36	3-136	Richard C. Beck	232/145	0.05
37	3-137	Doddridge County Senior Citizens, Inc.	267/51	0.10
38	3-140.1	James A. & Connie Jo Brannam	318/654	0.25
39	3-139	Doddridge County Senior Citizens, Inc.	267/51	0.10
40	3-192	Doddridge Co. Sr. Citizens Inc	179/158	0.19
41	3-193	Doddridge County Senior Citizens, Inc	272/725	0.23
42	3-194.1	David E. Bowyer	524/454	0.08
43	3-196	Doddridge County Senior Citizens, Inc.	272/725	0.06
44	3-197	Doddridge County Senior Citizens, Inc.	272/725	0.07
45	3-198	James R. & Jane Ellen Merritt	357/15	0.10
46	3-195.4	John J. & Nancy Droppleman	154/98	0.04
47	3-195.2	John J. & Nancy Droppleman	168/360	0.08
48	3-191.1	West Union Baptist Church	161/190	0.34
49	3-199	Baptist Church	---/---	0.20
50	3-200	West Union Baptist Church Trustees	294/652	0.06
51	3-201	Joseph R. & Myla S. Thorpe	512/275	0.13
52	3-203	Joseph R. & Myla Thorpe	400/498	0.26
53	3-202	Linda McKinney	235/84	0.04
54	3-235	United Hospital Center Inc.	375/718	0.27
55	3-234	Julie A. Smith	512/273	0.05
56	3-237	United Hospital Center Inc.	375/718	0.22
57	3-239	Andrew J. Menendez	332/560	0.19
58	3-246	Marian E. Spurlock	465/727	0.08

ID	TM-Par	Owner	Bk/Pg	Acres
59	3-248	Elizabeth W. Romine	301/639	0.49
60	3-249	William S. Heflin, et al	444/128	0.31
61	3-264	B.H. Maulsby Trustee	---/---	0.23
62	3-280	Emmanuel United Methodist Church	173/758	0.31
63	3-261	Emmanuel United Methodist Church Trustees	276/486	0.16
64	3-282.2	Emmanuel United Methodist Church	519/314	0.25
65	3-282.1	John D. & Tina MarieTowner	445/323	0.14
66	3-288	Mary Farr Secrist	WB36/52	0.56
67	3-288.1	Mary Farr Secrist	WB36/52	0.14
68	3-289	Mary Farr Secrist	WB36/52	0.20
69	3-309	Mary Farr Secrist	WB36/52	0.22
70	3-300.1	Steven R. Chipps & Shawna Chipps	447/719	0.24
71	3-302	David R. Lipscomb & Haley A. Stephenson	469/171	0.13
72	4-80	David R. Lipscomb & Haley A. Stephenson	469/171	0.16
73	4-81	Paulene B. Roush Estate	WB26/57	0.12
74	4-82	Joshua B. Baldwin	405/682	0.13
75	4-84	Hunter C. Stansberry	WB106/719	0.16
76	4-85.1	Hunter C. Stansberry	WB106/719	0.16
77	4-85	Richard C. McMillian	WB118/285	0.32
78	31-14	Donald H. & Helen Michels	WB32/156	0.37
79	31-16	Kimberly L. & Dennis H. Powell II	285/614	0.17
80	4-98	George J. Buff, III & J. Charles Buff	377/517	0.14
81	31-17	Powell Family Trust	304/363	0.16
82	31-115	George J. Buff, III & J. Charles Buff	377/517	0.14
83	31-113	Powell Family Trust	304/363	0.16
84	3-116	George J. Buff, III & J. Charles Buff	377/517	0.14
85	31-112	Powell Family Trust	304/363	0.16
86	31-117	George J. Buff, III & J. Charles Buff	377/517	0.14
87	31-118	George J. Buff, III & J. Charles Buff	377/517	0.14
88	31-141	George J. Buff, III & J. Charles Buff	377/517	0.15
89	31-119	George J. Buff, III & J. Charles Buff	377/517	0.14
90	31-140	George J. Buff, III & J. Charles Buff	377/517	0.15
91	31-120	George J. Buff, III & J. Charles Buff	377/517	0.14
92	31-139	George J. Buff, III & J. Charles Buff	377/517	0.16
93	31-121	George J. Buff, III & J. Charles Buff	377/517	0.14
94	31-138	George J. Buff, III & J. Charles Buff	377/517	0.16
95	31-137	George J. Buff, III & J. Charles Buff	377/517	0.17
96	31-136	George J. Buff, III & J. Charles Buff	377/517	0.17
97	31-41	Leland M. Hickman	74 / 299	0.54
98	31-134	George J. Buff, III & J. Charles Buff	377/517	---
99	31-133	George J. Buff, III & J. Charles Buff	377/517	---
100	31-132	George J. Buff, III & J. Charles Buff	377/517	0.21
101	31-163	George J. Buff, III & J. Charles Buff	377/517	0.16
102	31-164	George J. Buff, III & J. Charles Buff	377/517	0.16
103	31-165	George J. Buff, III & J. Charles Buff	377/517	0.23
104	31-173	George J. Buff, III & J. Charles Buff	377/517	0.16
105	31-174	George J. Buff, III & J. Charles Buff	377/517	0.18
106	31-228	George J. Buff, III & J. Charles Buff	377/517	0.22
107	31-229	George J. Buff, III & J. Charles Buff	377/517	0.24
108	31-230	George J. Buff, III & J. Charles Buff	377/517	0.25
109	31-224	George J. Buff, III & J. Charles Buff	377/517	---
110	31-231	George J. Buff, III & J. Charles Buff	377/517	0.26
111	31-232	George J. Buff, III & J. Charles Buff	377/517	0.26
112	31-233	George J. Buff, III & J. Charles Buff	377/517	0.24
113	11-71	Lyle K. Baker	177/304	8.29
114	11-73	Key Oil Company	265/540	11.84
115	15-3	E Properties LTD	201/396	186.86
116	15-4	E Properties LTD	201/396	115.03

FILE NO: 58-30-WU-14

DRAWING NO: Dixie Unit 2H As-Drilled Well Plat

SCALE: 1" = 1500'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 4 20 24

OPERATOR'S WELL NO. Dixie Unit 2H

API WELL NO

47 - 017 - 06959
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built: 886' WATERSHED: Middle Island Creek QUADRANGLE: West Union

DISTRICT: West Union Antero COUNTY: Doddridge

SURFACE OWNER: Resources Corp. ACREAGE: 16.5

ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: ACREAGE: 90

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,525' TVD 15,571' MD

WELL OPERATOR: Antero Resources Corporation

DESIGNATED AGENT: Kevin Ellis

ADDRESS: 1615 Wynkoop Street
Denver, CO 80202

ADDRESS: 535 White Oaks Blvd.
Bridgeport, WV 26330

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	05/23/2024
Job End Date:	06/12/2024
State:	West Virginia
County:	Doddridge
API Number:	47-017-06959-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	DIXIE UNIT 2H
Latitude:	39.30359
Longitude:	-80.78169
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6572
Total Base Water Volume (gal)*:	12748399
Total Base Non Water Volume:	0



Water Source	Percent
Produced Water	100.00%

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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
Excelerate LX-21	Halliburton	Friction Reducer					
HAI-501	Halliburton	Acid Corrosion Inhibitor					
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
MC B-8123	MultiChem	Biocide					
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
Produced Water (Density 10.0)	Operator	Base Fluid					
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
WG-36 GELLING AGENT	Halliburton	Gelling Agent					

Items above are Trade Names. Items below are the individual ingredients.

12/13/2024

			Water	7732-18-5	100.00000	87.86277	None
			Crystalline silica, quartz	14808-60-7	100.00000	11.97141	None
			Water	7732-18-5	100.00000	0.14273	None
			Hydrochloric acid	7647-01-0	30.00000	0.03478	None
			Complex amine compound	Proprietary	60.00000	0.02150	None
			Hydrotreated distillate	Proprietary	30.00000	0.01075	None
			Guar gum	9000-30-0	100.00000	0.00612	None
			Glutaraldehyde	111-30-8	30.00000	0.00226	None
			Ammonium chloride	12125-02-9	5.00000	0.00179	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00179	None
			Fatty nitrogen derived amides	Proprietary	5.00000	0.00179	None
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000	0.00038	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00036	None
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00036	None
			Methanol	67-56-1	100.00000	0.00022	None
			Ammonium persulfate	7727-54-0	100.00000	0.00017	None
			Citric acid	77-92-9	1.00000	0.00008	None
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00007	None
			Modified thiourea polymer	Proprietary	30.00000	0.00007	None
			Oxylated phenolic resin	Proprietary	30.00000	0.00005	None
			Propargyl alcohol	107-19-7	5.00000	0.00001	None
			Hexadecene	629-73-2	5.00000	0.00001	None
			Ethoxylated alcohols	Proprietary	5.00000	0.00001	None
			C.I. pigment Orange 5	3468-63-1	1.00000	0.00000	None

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* 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%

12/13/2024

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)

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