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

API 47 - 095	02798	County Tyler		District Ellsw	rorth	
Quad Porter Falls 7.5'		Pad Name Furbee	Э	Field/Pool Na	me	
Farm name Antero Mids	tream LLC			Well Number	Atwood Unit	1H
Operator (as registered wi	th the OOG) _	intero Resources	Corporation			
Address 1615 Wynkoop	Street	City Den	ver	State CC	Zij	80202
		rthing 4375469m	l plat, profile view,	asting 518720m	20	
Landing Point of		thing 4375532.15m		asting 519224.11m	1	
Botton	n Hole Nor	thing 4371023m	E	asting 520801m		
Elevation (ft) 1223'	GL	Type of Well	New   Existing	Type of F	Report □Interin	n AFinal
Permit Type   Deviat	red   Hori	zontal 💄 Horizont	al 6A	Depth Ty	ype 🗆 Dee	p 🛔 Shallow
Type of Operation   Cor	vert 🗆 Dee	pen ■ Drill □	Plug Back 🗆 Re	drilling   Rev	work   Stime	ulate
Well Type   Brine Dispo	osal 🗆 CBM	■ Gas ■ Oil □ Seco	ondary Recovery	Solution Mining	□ Storage □	Other
Type of Completion ■ Si	ingle   Multip	le Fluids Produc	ed □ Brine ■Ga	as 🗆 NGL 💄	Oil 🗆 Other	
Drilled with □ Cable	■ Rotary					
Drilling Media Surface	hole Air	□ Mud □Fresh Wat	er Intermediat	te hole 📱 Air	□ Mud □ Fres	h Water 🗆 Brine
Production hole   Air		resh Water   Brine			REC Office of	CEIVED Oil and Gas
Mud Type(s) and Additiv Air - Foam & 4% KCL	7.7					2 3 2023
Mud - Polymer						
Date permit issued 7/	/26/2022	Date drilling comm	nenced 9/30/20	22 Date dr	WV D rilling ceased	eparlment of protection 12/18/2022
Date completion activities	began	2/1/2023	Date completion a		4/1/202	23
Verbal plugging (Y/N) _	ALIA	e permission granted	NIVA	Granted by	, N	/A
Please note: Operator is r	equired to subn	nit a plugging applica	tion within 5 days o	f verbal permission	on to plug	
Freshwater depth(s) ft _	8	80'	Open mine(s) (Y/N	) depths	No	
Salt water depth(s) ft	95	9'	Void(s) encountere	d (Y/N) depths	1	No
Coal depth(s) ft	431'		Cavern(s) encounte			No
Is coal being mined in are	a (Y/N)	No				
					Re	viewed by:

APPROVED

09/22/2023

WR-35											rage 01
Rev. 8/23/13	00700			4					<b>Λ t u</b> · o	ad Hai	# 4LI
API 47- 095	_ 02798	Farm na	me_A	ntero Midstre	eam L	LC	We	ll nun	nber_Atwo	od Un	
CASING STRINGS	Hole	Casing Size	n	New epth Use		Grade wt/ft		Bask Depth			nt circulate (Y/N) details below*
Conductor	Size 28"	20"		<del></del>	ew T		#, X-60		N/A	110410	Y
Surface	17-1/2"	13-3/8"		-	ew		#, J-55		N/A		Y
Coal	17-172	10-0/0		- 1		04.01	r, 0 00		1,77		
Intermediate 1	12-1/4"	9-5/8"	3/	110' N	ew	36#	J-55		N/A	-	Y
Intermediate 2	12-1/4	9-3/6	<u> </u>	+10 14	GW	30#	, 0-00		-		<u> </u>
Intermediate 3						<u> </u>					
Production	8-3/4"/8-1/2"	5-1/2"	23	282' N	ew	23# 5	P-110IC		N/A		Y
Tubing	8-3/4 /8-1/2	2-3/8"		120'	GW		P-110				<del></del>
Packer type and de	epth set	N/A		120		4./#,	F-110		L		
		N/A	-								
Comment Details											
CEMENT	Class/Type			Slurry		ield	Volume	•	Cement		WOC
DATA Conductor	of Cement Class A	of Sack		wt (ppg) 15.6		<sup>3</sup> /sks) .18	(ft. <sup>3</sup> ) 233		Top (MD 0'	<u>"</u>	(hrs) 8 Hrs.
Surface	Class A	768 sx		15.6		.20	921		0'		8 Hrs.
Coal	Class A	700 5	•	15.0		.20	321	$\dashv$		+	01113.
Intermediate 1	Class A	1129 0		15.6		20	1252	-	0'		O Uro
Intermediate 2	Class A	1128 s	<u> </u>	15.6	1	.20	1353	-+		-	8 Hrs.
Intermediate 3											
Production	01	0000 (7	F - 11\		4.00	· /= ·:>		_	~500' into Intermedia	4- 0	8 Hrs.
Tubing	Class H	2689 sx (1	i ali)	13.5 (Lead), 15.2(Tail)	.5 (Lead), 15.2(Tail) 1.26 (Tail)		3388 ~500' into Inte		~500 into intermedia	ite Casing	o nis.
Drillers TD (ft	23282' MD, 6991'	TVD (BHL), 7015' TVD (D	eepest P	oint Drilled) Log	gers TI	D (ft) 232	82' MD				
Deepest forma	tion penetrated	Marcellus		Plug	back t	to (ft) N/A					
Plug back pro	cedure N/A										
	····										-
Kick off depth	(ft) <u>6357'</u>										
Check all wire	line logs run	□ caliper □ neutron			deviate gamma	ed/direction		induc temp		□sonic	
Well cored	Yes ■ No	Convention	onal	Sidewall		W	ere cutting	gs coll	lected 🗆 Y	es ■	No
DESCRIBE T	HE CENTRAI	LIZER PLACEMI	ENT U	JSED FOR EA	CH CA	SING ST	TRING _				
		rt float, 1 every 4th joint to s								RE	CEIVED
		oat collar, 1 every 4th joint to collar, 1 every 3rd joint to								Office o	f Oil and Gas
		<u> </u>			DE	TAILC				JUN	2 3 2023
WAS WELL	OMIT LE I ED	AS SHOT HOLE	, ப	Yes ■ No	DE	TAILS					Department of
WAS WELL O	COMPLETED	OPEN HOLE?	□ Ye	es 🖪 No	DETA	AILS _			-	Environ	mental Protection
WERE TRAC	ERS USED	⊐ Yes ■ No	TY	PE OF TRACE	R(S) L	JSED N/A	<u> </u>				

API 4	<sub>7-</sub> 095 <sub></sub>	02798		_ Farm ı	<sub>name_</sub> An	tero Midst	ream	LLC		_Well number	Atwood U	Init 1H
					P	ERFORAT	ION R	ECORD				
Stage No.	Perforation	date		orated from MD ft.		rforated to MD ft.		umber of rforations			Formation(s)	
	*	*PL	EΑ	SE S	SEE	AT1	<b>A</b> (	CHEI	D	EXHII	BIT 1	
	-						-					
Please	insert addition	onal pag	es as ap	plicable.								
						TION INFO	RMA7	TION PER	STA	.GE		
Compl Stage	ete a separat Stimulations	e record Ave P		h stimulati Ave Trea		Max Break	lown			Amount of	Amount of	Amount of
No.	Date	Rate (I	-	Pressure		Pressure (I		ISIP (PSI)	T	Proppant (lbs)	Water (bbls)	Nitrogen/other (units)
1		*Pl	_E/	ASE	SE	E AT	TA	CHE	D	EXH	BIT 2	2
							_		_			
												oeived
	i								-		Office (	of Oil and Gas
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												Department of nmental Protection
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Please insert additional pages as applicable.



Page 4 of 4 WR-35 Rev. 8/23/13 Well number\_Atwood Unit 1H Farm name Antero Midstream LLC API 47- 095 \_ 02798 PRODUCING FORMATION(S) **DEPTHS** Marcellus 6861' (TOP) 7322' (TOP) TVD MD Please insert additional pages as applicable. □ Build up □ Drawdown Open Flow OIL TEST # Flow Pump **GAS TEST** DURATION OF TEST -- hrs Bottom Hole ---SHUT-IN PRESSURE Surface psi Oil NGL OPEN FLOW Gas Water GAS MEASURED BY 11401.73 mcfpd 356.97 bpd 331.72 □ Estimated Orifice bpd bpd □ Pilot BOTTOM BOTTOM LITHOLOGY/ TOP TOP DEPTH IN FT DEPTH IN FT DESCRIBE ROCK TYPE AND RECORD QUANTITY AND DEPTH IN FT **FORMATION** TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC) EASE SEE ATTACHED EXHIBIT 3 RECEIVED WV Department of Environmental Protection Please insert additional pages as applicable. Drilling Contractor H & P Drilling Address 912 N Eagle Valley Rd City Howard PA Zip 16841 State Logging Company Nine Energy Services Address 6500 West Fwy Zip 76116 Fort Worth City TX State Cementing Company Schlumberger US Land Address 3600 Briarpark Drive State TX City Houston Zip 77042 Stimulating Company Halliburton Address 3000 W. Sam Houston Pkwy Zip 76114 Houston State TX City Please insert additional pages as applicable.

Submittal of Hydrauli Fracturing Chemical Disclosure Information

Title Permitting Agent

Completed by Stefan Gaspar

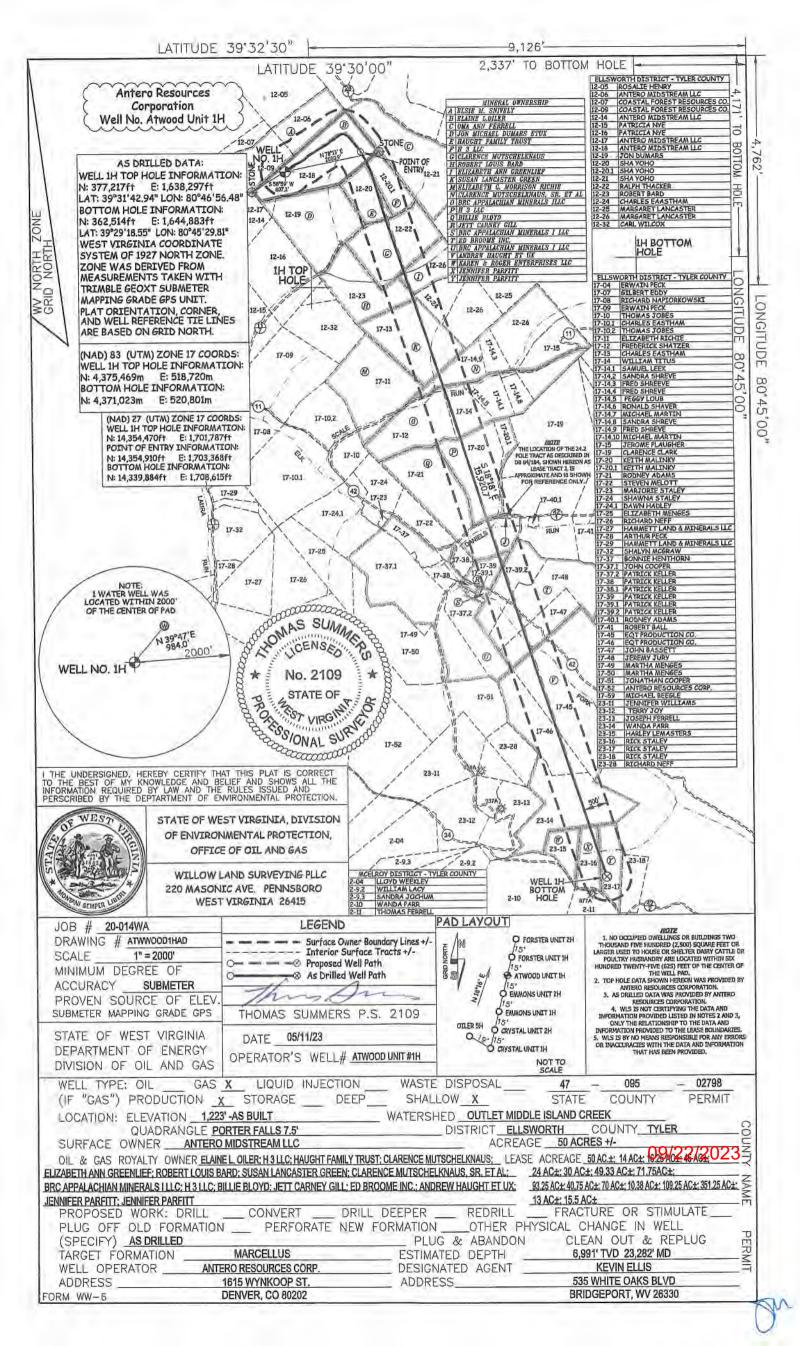
Signature

Attach copy of FRACFOCUS Registry

Date

Telephone 303-357-6959

09/22/2023

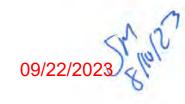


	47-033-02736	Farm Name Antero M	IBIT 1		
	Perforation	Perforated from MD	1000000	Number of	E WILLIAM
ge No.	Date	ft.	MD ft.	Perforations	Formations
1	2/1/2023	23156.6	23113.6	60	Marcellus
2	2/2/2023	23074.56709	22908.4026	60	Marcellus
3	2/2/2023	22872,76966	22706.6051	60	Marcellus
-4	2/2/2023	22670.97222	22504.8077	60	Marcellus
5	2/3/2023	22469.17479	22303.0103	60	Marcellus
6	2/3/2023	22267.37735	22101.2128	60	Marcellus
7	2/3/2023	22065.57991	21899.4154	60	Marcellus
8	2/3/2023	21863.78248	21697.6179	60	Marcellus
9	2/4/2023	21661.98504	21495.8205	60	Marcellus
10	2/4/2023	21460.18761	21294.0231	60	Marcellus
11	2/4/2023	21258.39017	21092.2256	60	Marcellus
12	2/5/2023	21056.59274	20890.4282	60	Marcellus
13	2/5/2023	20854,7953	20688.6308	60	Marcellus
14	2/5/2023	20652.99786	20486.8333	60	Marcellus
15	2/5/2023	20451.20043	20285.0359	60	Marcellus
16	2/6/2023	20249.40299	20083.2385	60	Marcellus
17	2/6/2023	20047.60556	19881.441	60	Marcellus
18	2/6/2023	19845.80812	19679.6436	60	Marcellus
19	2/6/2023	19644.01068	19477.8462	60	Marcellus
20	2/7/2023	19442.21325	19276.0487	60	Marcellus
21	2/7/2023	19240.41581	19074.2513	60	Marcellus
22	2/7/2023	19038.61838	18872.4538	60	Marcellus
23	2/7/2023	18836.82094	18670.6564	60	Marcellus
24	2/8/2023	18635.0235	18468.859	60	Marcellus
25	2/8/2023	18433.22607	18267.0615	60	Marcellus
26	2/8/2023	18231.42863	18065.2641	60	Marcellus
27	2/9/2023	18029.6312	17863.4667	60	Marcellus
28	2/9/2023	17827.83376	17661.6692	60	Marcellus
29	2/9/2023	17626.03632	17459.8718	60	Marcellus
30	2/9/2023	17424.23889	17258.0744	60	Marcellus
31	2/10/2023	17222.44145	17056.2769	60	Marcellus
32	2/10/2023	17020.64402	16854.4795	60	Marcellus
33	2/10/2023	16818.84658		60	Marcellus
34	2/10/2023			60	Marcellus
35	2/11/2023	16415.25171	16249.0872	60	Marcellus
36	2/11/2023	16213.45427	16047.2897	60	Marcellus
37	2/11/2023	16011.65684	15845.4923	60	Marcellus
38	2/12/2023	15809.8594	15643.6949	60	Marcellus
39	2/12/2023	15608.06197	15441.8974	60	Marcellus
40	2/12/2023	15406.26453	15240.1	60	Marcellus
41	2/12/2023	15204.46709	-	60	Marcellus
42	2/12/2023		-	60	Marcellus
43	2/12/2023	14800.87222		60	Marcellus
44	2/13/2023			60	Marcellus
45	2/13/2023	14397.27735		60	Marcellus
46	2/13/2023		14029.3154	60	Marcellus
47	2/13/2023	13993.68248		60	Marcellus
48	2/13/2023			60	Marcellus
49	2/13/2023		13423.9231	60	Marcellus
50	2/14/2023		13222.1256	60	Marcellus
51	2/14/2023		Contract to the second	60	Marcellus
52	2/14/2023		12818.5308	60	Marcellus
53	2/14/2023	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	***************************************	60	Marcellus
54	2/14/2023			60	Marcellus
55	2/14/2023			60	Marcellus
56	2/15/2023			60	Marcellus
57	2/15/2023			60	Marcellus
58	2/15/2023			60	Marcellus
59	2/15/2023			60	Marcellus
60	2/15/2023			60	Marcellus
61	2/16/2023			60	Marcellus
62	2/16/2023			60	Marcellus
63	2/16/2023			60	Marcellus
64	2/16/2023			60	Marcellus
65	2/16/2023			60	Marcellus
66	2/16/2023			60	Marcellus
67	2/17/2023			60	Marcellus
68	2/17/2023			60	Marcellus
69				60	
70	2/17/2023		-		Marcellus
70	2/17/2023			60	Marcellus
	2/17/2023			60	Marcellus
72	2/17/2023			60	Marcellus
73	2/18/2023			60	Marcellus
74	2/18/2023			60	Marcellus
75	2/18/2023			60	Marcellus
76	2/18/2023			60	Marcellus
.77	2/18/2023		-	60	Marcellus
.78				60	Marcellus
79	2/18/2023	7536.16453	7370	60	Marcellus

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					_	ll Number Atwood <u>Unit</u>		_
			111-2	EXHIBIT	Γ2			Tampina .
			Treatment	rviax Breakdown	- "			Nitrogen
age No.	Stimulations	Avg Pump	Pressure	Pressure		Amount of Proppant	Amount of	other
Sec. (1.	Date	Rate	(PSI)	(PSI)	ISIP (PSI)	(lbs)	Water (bbls)	(units)
	0.01	1 1 1 1 1			THE PERSON			
1	2/1/2023	75,49	10056	10382	4211	175340	275467	_
2	2/2/2023	74.43278	9836.469	7065.44	4178.705	402320	304842	
3	2/2/2023	86.18	10506	5528	4256	412960	311882	N/A
4	2/2/2023	85.99	10204	5459	3978	400880	308168	N/A
5	2/3/2023	89,25	10376	5225	4168	404480	313006	N/A
	100000000000000000000000000000000000000	87.08	10061	5512	4011	412550	323180	
6	2/3/2023							
7	2/3/2023	87.76	10208	5282	4192	412570	315620	-
8	2/3/2023	90.43	10533	9897	4219	414170	304037	
9	2/4/2023	88,31	10282	9274	4085	398140	282410	N/A
10	2/4/2023	87.84	9829	5407	3927	407640	297160	N/A
11	2/4/2023	93.04	10572	10348	3738	418460	290890	N/A
12	2/5/2023	90.05	10021	10210	3554	419440	343382	
_								
13	2/5/2023	86.59	9987	6347	3602	400140	286322	
14	2/5/2023	94.1	10518	5434	3672	409900	293597	_
15	2/5/2023	93.73691	10408.42	5913.47	3535.637	396850	287677	N/A
16	2/6/2023	94.35923	10317.34	6204.34	3208.693	397380	289470	N/A
17	2/6/2023	94.8	9954	3643	3667	416540	293953	
18		-	10039	5087	3809	409180	287660	
_	2/6/2023	95.69						-
19	2/6/2023	93.64	9983	5811	3796	407020	292663	
20	2/7/2023	96,5703	9965,318	5543.94	3535.203	415780	294751	
21	2/7/2023	94.7	9984	6054	4483	420850	303236	N/A
22	2/7/2023	93.35	9960	6781	4059	414360	294603	N/A
23	2/7/2023	93.74	9805	6277	3102	409080	288417	-
24	2/8/2023	96.66	9993	6365	3337	397140	287804	_
25	2/8/2023	94.8	10075	6525	3992	414870	294948	
26	2/8/2023	93.63	9831	5571	3779	397140	282399	N/A
27	2/9/2023	95.81	9871	6095	3441	416490	297406	N/A
28	2/9/2023	94.74	9995	7275	3393	410290	289237	N/A
29	2/9/2023	97.45	9984	7094	3422	413330	288213	
30		96.27	9900	6557	3907	416900		
-	2/9/2023							
31	2/10/2023	95.12	9756	5440	4344	411100		
32	2/10/2023	94.41	9522	5785	3768	414760	289120	N/A
33	2/10/2023	97.01	9800	5938	3590	415200	294876	N/A
34	2/10/2023	97.26	9380	5773	4413	403920	284684	N/A
35	2/11/2023	97.74	9778	5916	4595	409110		_
36		96.94	9695		3922	413170		
	2/11/2023			5568			296418	_
37	2/11/2023	96.92	9550	5822	4011	407420		
38	2/12/2023	97.98	9623	6185	3908	417280	305897	N/A
39	2/12/2023	96.32	9737	7469	3881	410620	287321	N/A
40	2/12/2023	99.28	9937	6267	3802	413900	294408	N/A
41	2/12/2023	99.18	9962	5884	4109	416110		_
42	2/12/2023	97.34	9757	4658	4136	415410	282161	_
43	2/12/2023	99,11	9369	5570	3943	417310		-
44	2/13/2023	97.9	9284	6350	4330	416330	359640	
45	2/13/2023	98.57	9446	6128	4030	414550	293621	N/A
46	2/13/2023	98.83	9080	6027	4000	409250	290698	N/A
47	2/13/2023	97.94	8856	5363	4477	418480		
48	2/13/2023	98.81	9060	6098	3994	413900		
_								-
49	2/13/2023	97.91	9065	5355	4036			
50	2/14/2023	97.73	9029	6008	4112	402370		
51	2/14/2023	98.93	9013	5928	4620	415920		N/A
52	2/14/2023	99.36	9009	5651	4186	412040	291738	N/A
53	2/14/2023	99.24	8827	5851	3982	416200	45.035	
54	2/14/2023		8645		4105	420490		
55	2/14/2023				3977			
56		97.19915			3680.988			
57	2/15/2023		8536		4068			
58	2/15/2023		8868	6300	4007	417340	293210	N/A
59	2/15/2023	97.59	8721	3605	4107	409220	296788	N/A
60	2/16/2023		8541	4030	3787			
61		97.30336			3869.941			-
62	2/16/2023		8862	5998	4192			
63	2/16/2023				4190			
64	2/16/2023		8772	5961	4516		285076	N/A
65	2/16/2023	98.06578	8596,917	3939,26	4199.421	402740		
- 65	2/16/2023			4566.36	4041.297			
67	2/17/2023				4647			
68								
277	2/17/2023		8393		4524			
69	2/17/2023		8369		5173			
70	2/17/2023	99.46	8475	5546	4010	415770	282940	N/A
71	2/17/2023		7989		4262			
72		98.59239			4096.217			
73	2/18/2023							
					4034			
74	2/18/2023		7927	3545	4266			
75	2/18/2023		8058		3741	410960		N/A
76	2/18/2023	99.75	7879	5763	4067	419070	286781	N/A
77	2/18/2023	99.47	7958	5765	4000	419468		
		99.31	7786		3999	405700		
78	2/18/2023							
78 79	2/18/2023 2/18/2023		7570		3904			

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## API 47-095-02798 Farm Name Antero Midstream LLC Well Number Atwood Unit 1H **EXHIBIT 3** TOP DEPTH (TVD) TOP DEPTH (MD) BOTTOM DEPTH (MD) **BOTTOM DEPTH (TVD)** From Surface LITHOLOGY/ FORMATION From Surface From Surface From Surface 90' 274 90 274 Shaly Siltstone, tr LS 274 334 274 334 Sandy Siltstone, Coal 424 334 424 334 Silty Sandstone 634 Shaly Siltstone, occ LS 424 634 424 634 964 634 964 Sandy Siltstone, occ LS Shaly Siltstone, occ SS 964 1,024 964 1,024 1,024 1,434 1,024 1,434 Shaly Siltstone 1,524 Sandy Siltstone, occ Shale 1,434 1,524 1.434 1,614 1,524 Silty Sandstone, tr coal 1,524 1,614 Silty Sandstone, coal, tr shale 1,614 1,734 1,614 1,734 1,884 1,734 1884 1,734 Silty Sandtstone, occ shale 2,124 1,884 2,124 Shaly Sandstone, coal, occ sist 1,884 2,107 Silty Sandstone, coal, occ Shale 2,124 2,086 2,124 2,840 Big Lime 2,112 2,784 2,107 Fifty Foot Sandstone 3,068 2,784 3,002 2,814 Gordon 3,002 3,212 3,042 3,285 3,212 3,259 3,528 Fifth Sandstone 3,446 3,989 Bayard 3,446 3,886 3,502 3,886 4,237 Speechley 4,122 3,963 Balltown 4,122 4,524 4,211 4,656 Bradford 4,524 5,097 4,630 5,253 Benson 5,097 5,549 5,227 5,724 Alexander 5,549 6,695 5,698 6,961 6,935 Sycamore 6,552 6,669 6,787 Middlesex 6.669 6,764 6,935 7.081 Burkett 6,764 7,081 7,149 6,798 Tully 6,798 6,861 7,149 7,322 Marcellus 6,861 7,322 NA. NA

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JUN 2 3 2023

WV Department of Environmental Protection



## **Hydraulic Fracturing Fluid Product Component Information Disclosure**

2/1/2023	Job Start Date:
2/18/2023	Job End Date:
West Virginia	State:
Tyler	County:
47-095-02798-00-00	API Number:
Antero Resources Corporation	Operator Name:
Beech Run Atwood Unit 1H	Well Name and Number:
39.52859000	Latitude:
-80.78236000	Longitude:
NAD83	Datum:
NO	Federal Well:
NO	Indian Well:
7,015	True Vertical Depth:
24,529,486	Total Base Water Volume (gal):
0	Total Base Non Water Volume:







## **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
Produced Water Mixture	Halliburton	Base Fluid					
			Water Enviror	7732-18-5	100.00000	86.20618	Density = 8.34
Ingredients	Listed Above	Listed Above	RECEIV ce of Oil a JN 2 3 VDeparti Damental				
				7732-18-5	100.00000	0.13913	



Chemstream StimSTREAM FR 2800	Chemstream, Inc.	Friction Reducer					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
HYDROCHLORI C ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
MC B-8614A	MultiChem	Biocide					
				Listed Below			
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant	m o				
			Defice of JUN 2	Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker	RECEIVED Office of Oil and Gas JUN 2 3 2023  WV Department of Invironmental Protection				
			93	Listed Below			
Items above are Tra	de Names with the	e exception of Base Wa	ater . Items below are the indi				
			Crystalline silica, quartz	14808-60-7	100.00000	13.58750	
			Hydrochloric acid	7647-01-0	30.00000	0.03915	



Distillates, (petroleum), hydrotreated light	64742-47-8	25.00000	0.01550	
Guar gum	9000-30-0	100.00000	0.00481	
Alcohols, C11-14-iso, C- 13-rich, ethoxylated	78330-21-9	5.00000	0.00310	
Glutaraldehyde	111-30-8	30.00000	0.00258	
Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00043	
Methanol	67-56-1	100.00000	0.00024	
Ammonium persulfate	7727-54-0	100.00000	0.00015	
Ethanol	64-17-5	1.00000	0.00009	
Modified thiourea polymer	Proprietary	30.00000	0.00007	
Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00007	
Oxylated phenolic resin	Proprietary	30.00000	0.00005	
Propargyl alcohol	107-19-7	5.00000	0.00001	
Ethoxylated alcohols	Proprietary	5.00000	0.00001	
Hexadecene	629-73-2	5.00000	0.00001	
C.I. pigment Orange 5	3468-63-1	1.00000	0.00000	

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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<sup>\*</sup> 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%

\*\*\* If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line