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Office of Oil and Gas
JAN 22 2018
WV Department of
Environmental Protection

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

API 47 - 095 - 02282 County Tyler District Centerville
Quad Shirley 7.5' Pad Name Edna Monroe Pad Field/Pool Name ---
Farm name Edna Monroe Well Number Leaseburg Unit 1H
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 4363690m Easting 510917m
Landing Point of Curve Northing 4363707.864m Easting 510744.222m
Bottom Hole Northing 4366238m Easting 509845m

Elevation (ft) 1044' 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 08/07/2015 Date drilling commenced 09/13/2016 Date drilling ceased 02/06/2017
Date completion activities began 05/07/2017 Date completion activities ceased 09/14/2017
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 337' Open mine(s) (Y/N) depths No
Salt water depth(s) ft None Identified Void(s) encountered (Y/N) depths No
Coal depth(s) ft None Identified Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed

Reviewed by:
JLB
03/02/2018

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API 47- 095 - 02282 Farm name Edna Monroe Well number Leaseburg Unit 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	24"	20"	105'	New	94#, H-40	N/A	Y
Surface	17- 1/2"	13- 3/8"	537'	New	48#, H-40	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2538'	New	36#, H-40	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"	5-1/2"	15734'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6647'		4.7#, N-80		
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 A	670 sx	15.6	1.19	797	0	8 Hrs.
Coal							
Intermediate 1	Class A	1014 sx	15.6	1.18	1197	0	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	805 sx (Lead), 1278 sx (Tail)	13.5 (Lead), 15.5 (Tail)	1.44 (Lead), 1.87 (Tail)	3549	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 15734' MD, 6511' TVD (BHL & Deepest point drilled) Loggers TD (ft) 15721' MD

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

Plug back procedure N/A

Kick off depth (ft) 5760'

** This is a subsequent well. Antero only runs wireline logs on one well on a multi-well pad (Bead Unit 2H API# 47-095-02362). Please reference the wireline logs submitted with Form WR-35 for the Bead Unit 2H. A Cement Bond Log has been included with this submittal.

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

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

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API 47- 095 - 02282 Farm name Edna Monroe Well number Leaseburg Unit 1H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

*** PLEASE SEE ATTACHED EXHIBIT 1**

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

*** PLEASE SEE ATTACHED EXHIBIT 2**

Please insert additional pages as applicable.

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PRODUCING FORMATION(S)	DEPTHS			
Marcellus	6463' (Top)	TVD	6698' (Top)	MD

Please insert additional pages as applicable.

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

SHUT-IN PRESSURE Surface 4100 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 11260 mcfpd Oil 94 bpd NGL -- bpd Water 10 bpd GAS MEASURED BY ☐ Estimated ■ Orifice ☐ Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H_2S, ETC)
	0		0		

*** PLEASE SEE ATTACHED EXHIBIT 3**

Please insert additional pages as applicable.

Drilling Contractor Patterson – UTI Drilling Company LLC
Address 207 Carlton Drive City Eighty Four State PA Zip 15330

Logging Company Pro Oilfield Services LLC
Address 3141 Pulaski Rd City New Castle State PA Zip 16105

Cementing Company Allied Oil & Gas Services, LLC
Address 1036 East Main Street City Bridgeport State WV Zip 26330

Stimulating Company Halliburton
Address 121 Champion Way Suite 200 City Cannonsburg State PA Zip 15317
Please insert additional pages as applicable.

Completed by Samantha Klaas Telephone 303-357-6759
Signature Title Permitting Agent Date 01/19/2018

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

03/02/2018

API 47-095-02282 Farm Name Edna Monroe Well Number Leaseburg Unit 1H					
EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	5/7/2017	15464	15532	60	Marcellus
2	6/7/2017	15266	15349	60	Marcellus
3	6/7/2017	15068	15151	60	Marcellus
4	6/8/2017	14869	14953	60	Marcellus
5	6/8/2017	14671	14755	60	Marcellus
6	6/9/2017	14473	14557	60	Marcellus
7	6/9/2017	14275	14358	60	Marcellus
8	6/10/2017	14077	14160	60	Marcellus
9	6/11/2017	13878	13962	60	Marcellus
10	6/11/2017	13680	13764	60	Marcellus
11	6/11/2017	13482	13566	60	Marcellus
12	6/12/2017	13284	13367	60	Marcellus
13	6/13/2017	13086	13169	60	Marcellus
14	6/13/2017	12887	12971	60	Marcellus
15	6/13/2017	12689	12773	60	Marcellus
16	6/14/2017	12491	12575	60	Marcellus
17	6/14/2017	12293	12376	60	Marcellus
18	6/14/2017	12095	12178	60	Marcellus
19	6/15/2017	11896	11980	60	Marcellus
20	6/15/2017	11698	11782	60	Marcellus
21	6/15/2017	11500	11584	60	Marcellus
22	6/16/2017	11302	11385	60	Marcellus
23	6/16/2017	11104	11187	60	Marcellus
24	6/16/2017	10905	10989	60	Marcellus
25	6/17/2017	10707	10791	60	Marcellus
26	6/18/2017	10509	10592	60	Marcellus
27	6/18/2017	10311	10394	60	Marcellus
28	6/18/2017	10112	10196	60	Marcellus
29	6/19/2017	9914	9998	60	Marcellus
30	6/19/2017	9716	9800	60	Marcellus
31	6/19/2017	9518	9601	60	Marcellus
32	6/20/2017	9320	9403	60	Marcellus
33	6/20/2017	9121	9205	60	Marcellus
34	6/21/2017	8923	9007	60	Marcellus
35	6/21/2017	8725	8809	60	Marcellus
36	6/21/2017	8527	8610	60	Marcellus
37	6/21/2017	8329	8412	60	Marcellus
38	6/22/2017	8130	8214	60	Marcellus
39	6/22/2017	7932	8016	60	Marcellus
40	6/22/2017	7734	7818	60	Marcellus
41	6/23/2017	7536	7619	60	Marcellus
42	6/24/2017	7338	7421	60	Marcellus
43	6/24/2017	7139	7223	60	Marcellus
44	6/25/2017	6941	7025	60	Marcellus
45	6/25/2017	6743	6827	60	Marcellus

API 47-095-02282 Farm Name Edna Monroe Well Number Leaseburg Unit 1H

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	6/6/2017	79.9	7154	5124	3646	190265	9769	N/A
2	6/7/2017	76.7	6800	5277	3891	193860	10051	N/A
3	6/7/2017	75.6	7275	5316	3535	197800	9360	N/A
4	6/8/2017	71.7	6759	5285	3739	195070	9579	N/A
5	6/8/2017	75.5	6896	5416	4222	186810	8870	N/A
6	6/9/2017	67.7	7368	5153	3672	181620	11499	N/A
7	6/9/2017	73.4	7012	5361	4112	192000	8902	N/A
8	6/10/2017	73.1	6984	5415	4385	176700	10219	N/A
9	6/11/2017	74.2	6931	5705	3889	185100	10437	N/A
10	6/11/2017	71.4	6646	5548	3912	190360	8974	N/A
11	6/11/2017	69.8	6670	5652	4318	189200	9302	N/A
12	6/12/2017	69.1	6758	5532	3953	186800	8821	N/A
13	6/13/2017	74.8	6746	5386	3709	184400	8816	N/A
14	6/13/2017	75.8	6778	5573	4493	181240	8564	N/A
15	6/13/2017	80.2	6855	5250	4021	189453	9461	N/A
16	6/14/2017	72.9	6860	5364	3763	179875	8737	N/A
17	6/14/2017	75.1	6705	5552	3756	186270	8601	N/A
18	6/14/2017	77.9	6711	5627	4015	189276	8772	N/A
19	6/15/2017	72.2	7092	5467	4324	185471	13461	N/A
20	6/15/2017	77.2	6626	5548	4054	191470	8985	N/A
21	6/15/2017	76.8	6841	5670	4404	180236	10021	N/A
22	6/16/2017	70.2	7239	5369	3832	183702	12185	N/A
23	6/16/2017	71.7	6483	5605	3729	193010	8668	N/A
24	6/16/2017	74.2	6724	5448	4604	170258	8173	N/A
25	6/17/2017	74.0	6709	5385	3810	192912	9202	N/A
26	6/18/2017	73.6	6823	5405	3713	197704	9570	N/A
27	6/18/2017	72.8	6637	5875	3948	191620	8987	N/A
28	6/18/2017	72.9	6729	5640	3796	199330	9062	N/A
29	6/19/2017	72.1	6685	5339	3868	184715	8902	N/A
30	6/19/2017	76.6	6830	5459	3710	198310	8664	N/A
31	6/19/2017	75.4	6753	5294	4799	183040	9221	N/A
32	6/20/2017	75.8	6885	5205	4571	179595	9204	N/A
33	6/20/2017	76.7	6854	5287	3761	186992	8812	N/A
34	6/21/2017	76.7	6462	5503	3941	190333	8747	N/A
35	6/21/2017	75.4	6472	5396	3627	189968	9746	N/A
36	6/21/2017	75.0	6479	5551	3785	189605	8410	N/A
37	6/21/2017	77.1	6526	5519	3777	185167	8638	N/A
38	6/22/2017	76.6	6853	5677	3603	189068	9664	N/A
39	6/22/2017	76.0	6619	5486	3470	188146	8926	N/A
40	6/22/2017	78.0	6886	5799	3899	190408	10367	N/A
41	6/23/2017	62.0	7531	5170	4747	195319	14431	N/A
42	6/24/2017	73.2	7129	5233	3799	183699	9886	N/A
43	6/24/2017	77.0	6684	5255	3730	187032	8322	N/A
44	6/25/2017	76.7	6420	5165	4093	190618	8390	N/A
45	6/25/2017	76.9	6101	5520	3650	189962	8257	N/A
	AVG=	74.4	6,800	5,440	3,957	8,463,789	425,635	TOTAL

03/02/2018

API 47-095-02282 Farm Name Edna Monroe Well Number Leaseburg Unit 1H				
EXHIBIT 3				
LITHOLOGY/ FORMATION	**TOP DEPTH (TVD) From Surface**	**BOTTOM DEPTH (TVD) From Surface**	**TOP DEPTH (MD) From Surface**	**BOTTOM DEPTH (MD) From Surface**
Fresh Water	337'	N/A	337'	N/A
Sandy Siltstone	est. 0	225	est. 0	225
Sandstone	est. 225	325	est. 225	325
Shale/Siltstone	est. 325	605	est. 325	605
Silty Limestone	est. 605	805	est. 605	805
Sandy Siltstone	est. 805	1025	est. 805	1025
Silty Shale	est. 1025	1065	est. 1025	1065
Sandstone	est. 1065	1445	est. 1065	1445
Sandy Shale	est. 1445	1545	est. 1445	1545
Shale/Sandstone	est. 1545	1705	est. 1545	1705
Sandstone/Siltstone	est. 1705	1745	est. 1705	1745
Sandstone	est. 1745	1810	est. 1745	1810
Sandy Shale	est. 1810	1847	est. 1810	1847
Big Lime	1862	1952	1862	1952
Big Injun	1952	2555	1952	2555
Gantz Sand	2555	2645	2555	2646
Fifty Foot Sandstone	2645	2791	2646	2792
Gordon	2791	3123	2792	3124
Fifth Sandstone	3123	3185	3124	3187
Bayard	3185	3521	3187	3527
Warren	3521	3871	3527	3882
Speechley	3871	4222	3882	4239
Baltown	4222	4654	4239	4677
Bradford	4654	5123	4677	5754
Benson	5123	5279	5754	5313
Alexander	5279	5508	5313	5545
Elk	5508	5839	5545	5883
Rhinestreet	5839	6158	5883	6217
Sycamore	6133	6303	6192	6398
Middlesex	6303	6404	6398	6556
Burkett	6404	6433	6556	6616
Tully	6433	6463	6616	6698
Marcellus	6463	NA	6698	NA

*Please note Antero determines formation tops based on mud logs that are only run on one well on a multi-well pad. The

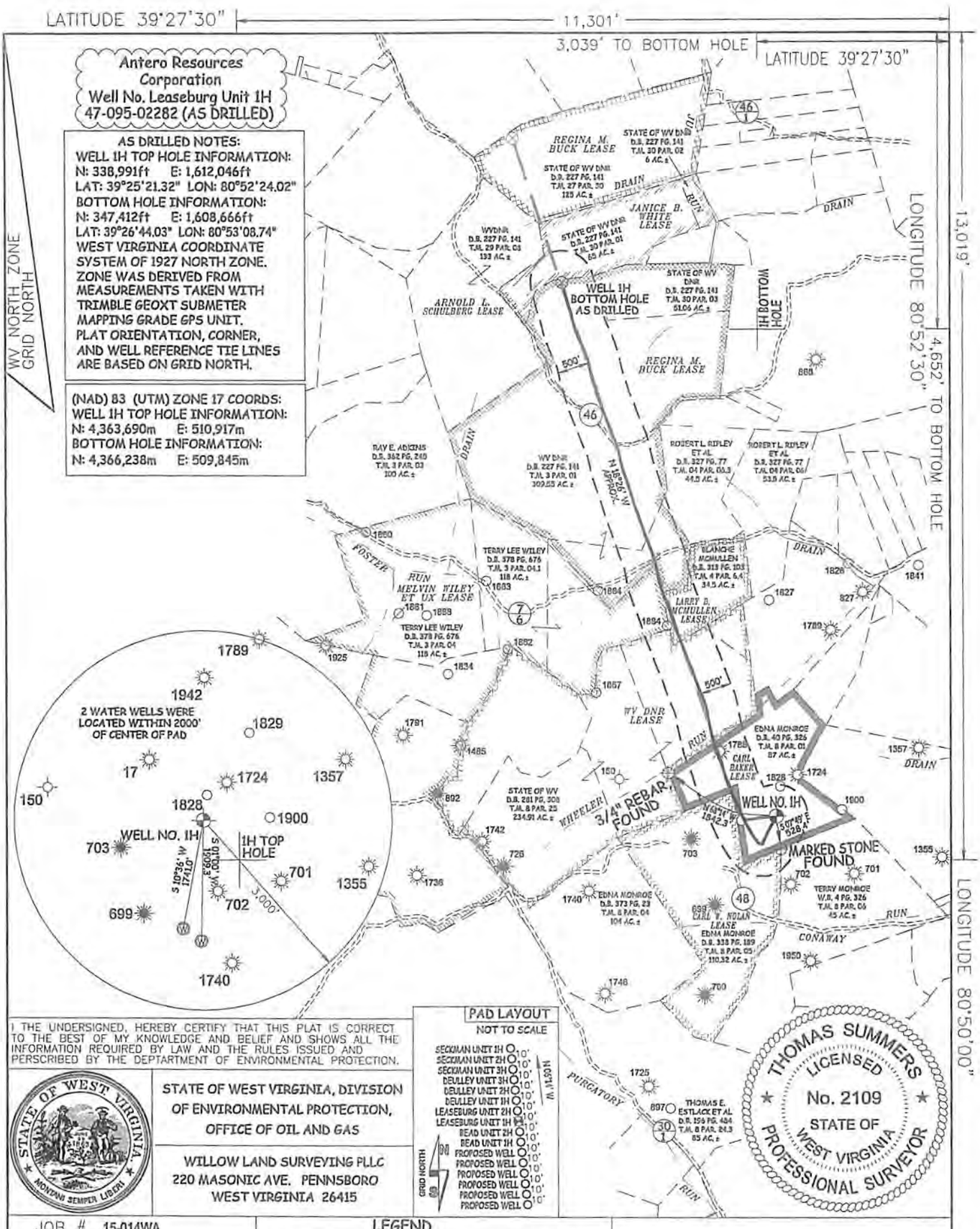
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor					
				Listed Below			
SP BREAKER	Halliburton	Breaker					
				Listed Below			
SAND-COMMON WHITE-100 MESH, SSA-2, BULK (100003676)	Halliburton	Proppant					
				Listed Below			
MC B-8614	Halliburton	Biocide					
				Listed Below			
FR-76	Halliburton	Friction Reducer					
				Listed Below			
HYDROCHLORIC ACID	Halliburton	Solvent					
				Listed Below			
SAND-PREMIUM WHITE-40/70, BULK	Halliburton	Proppant					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			

MC S-2510T	Halliburton	Scale Inhibitor					
				Listed Below			
Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.							
			Crystalline silica, quartz	14808-60-7	100.00000	10.26535	
			Hydrochloric acid	7647-01-0	60.00000	0.15839	
			Acrylamide acrylate copolymer	Proprietary	30.00000	0.02116	Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-871-6226
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.02116	
			Inorganic salt	Proprietary	30.00000	0.02116	
			Guar gum	9000-30-0	100.00000	0.02110	
			Ethylene Glycol	107-21-1	60.00000	0.00827	
			Glutaraldehyde	111-30-8	30.00000	0.00262	
			Neutralized Polyacrylic Emulsion	Proprietary	10.00000	0.00138	
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl chlorides	68424-85-1	5.00000	0.00044	
			Sodium persulfate	7775-27-1	100.00000	0.00039	
			Methanol	67-56-1	60.00000	0.00013	
			Ethanol	64-17-5	1.00000	0.00009	
			Fatty acids, tall oil	Proprietary	30.00000	0.00006	
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30.00000	0.00006	
			Ethoxylated alcohols	Proprietary	30.00000	0.00006	
			Olefins	Proprietary	5.00000	0.00002	
			Propargyl alcohol	107-19-7	10.00000	0.00002	
			Phosphoric acid	7664-38-2	0.10000	0.00001	

			Sodium sulfate	7757-82-6	0.10000	0.00000	

* 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

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)



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 PERSCRIBED BY THE DEPTARTMENT OF ENVIRONMENTAL PROTECTION.

STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

JOB # 15-014WA
DRAWING # LEASEBURG1HAD
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Found monument, as noted
- Proposed Well Path
- As Drilled Well Path

THOMAS SUMMERS P.S. 2109
DATE 12/13/17
OPERATOR'S WELL # LEASEBURG UNIT #1H

NOTE
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

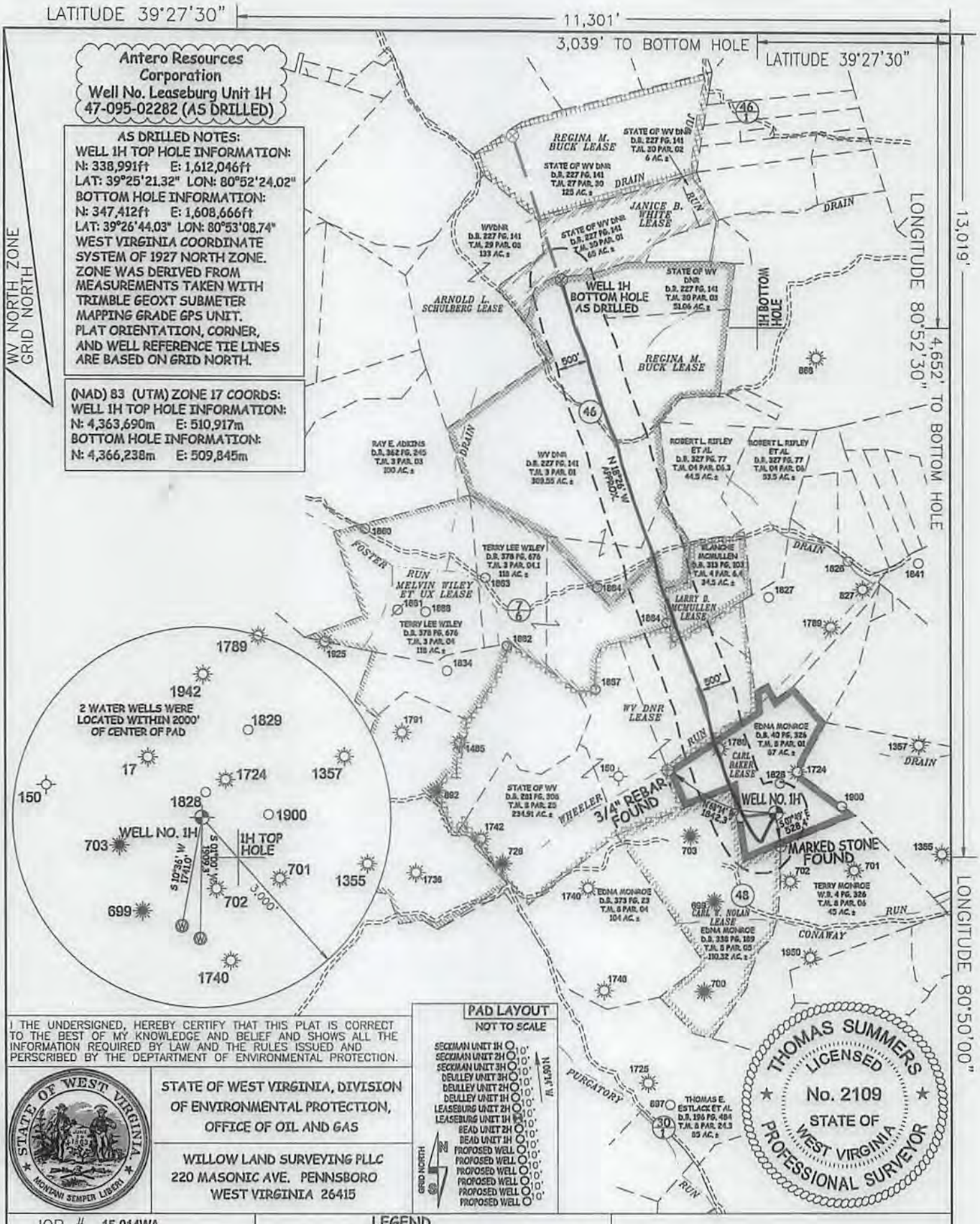
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,044' - AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE SHIRLEY 7.5' (TH) MIDDLEBOURNE 7.5' (BH) DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER EDNA MONROE ACREAGE 110.32 ACRES +/-
OIL & GAS ROYALTY OWNER CARL BAKER; CARL W. NOLAN; WV DNR; LARRY D. MCMULLEN; MELVIN WILEY ET UX; REGINA M. BUCK LEASE ACREAGE 87 AC.±; 116 AC.±; 553.16 AC±; 34.5 AC±; 378 AC.±; 465 AC.±
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,511' TVD 15,734' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

47 - 095 - 02282
STATE COUNTY PERMIT

03/02/2018

FORM WW-6

COUNTY NAME PERMIT



JOB # 15-014WA
DRAWING # LEASEBURG1HAD
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

THOMAS SUMMERS P.S. 2109
DATE 12/13/17
OPERATOR'S WELL# LEASEBURG UNIT #1H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
47 – 095 – 02282
STATE COUNTY PERMIT
LOCATION: ELEVATION 1,044' - AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE SHIRLEY 7.5' (TH) MIDDLEBOURNE 7.5' (BH) DISTRICT CENTERVILLE COUNTY TYLER
03/02/2018
SURFACE OWNER EDNA MONROE ACREAGE 110.32 ACRES +/-
OIL & GAS ROYALTY OWNER CARL BAKER; CARL W. NOLAN; WV DNR; LARRY D. MCMULLEN; MELVIN WILEY ET UX; REGINA M. BUCK LEASE ACREAGE 87 AC.±; 116 AC.±; 553.16 AC±; 34.5 AC±; 378 AC.±; 485 AC.±
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,511' TVD 15,734' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313
COUNTY NAME PERMIT
FORM WW-6