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Rev. 8/23/13

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WV GEOLOGICAL SURVEY
MORGANTOWN, WV

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

API 47 - 017 - 06320 County Doddridge District New Milton
Quad New Milton 7.5' Pad Name Pennington North Pad Field/Pool Name _____
Farm name Pennington, Bernard C., et al Well Number Proudfoot 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 4,340,152m Easting 522,536m
Landing Point of Curve Northing 4,339,938.56m Easting 522,491.05m
Bottom Hole Northing 4,338,204m Easting 523,093m

Elevation (ft) 1,277' 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 09/17/2013 Date drilling commenced 03/24/2014 Date drilling ceased 07/31/2014
Date completion activities began 09/07/2014 Date completion activities ceased 12/06/2014
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 57' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1,411' Void(s) encountered (Y/N) depths None
Coal depth(s) ft 187'; 787'; 1,477' Cavern(s) encountered (Y/N) depths None
Is coal being mined in area (Y/N) No

Reviewed by:

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API 47-017 - 06320 Farm name Pennington, Bernard C., et al Well number Proudfoot 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	24"	20"	40'	New	94#; J-55	N/A	Yes
Surface	17 1/2"	13 3/8"	385'	New	48#; H-40	N/A	Yes
Coal							
Intermediate 1	12 1/4"	9 5/8"	2,581'	New	40#; J-55	N/A	Yes
Intermediate 2							
Intermediate 3							
Production	8 3/4" & 8 1/2"	5 1/2"	13,482'	New	20#; P-110	N/A	Yes
Tubing		2 3/8"	7,046'		4.7#; N-80	N/A	
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	100 sx	15.6	1.18	38	0'	8 Hrs.
Surface	Class A	453 sx	15.6	1.18	267	0'	8 Hrs.
Coal							
Intermediate 1	Class A	1,005 sx	15.6	1.18	808	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	1,035 sx (Lead); 1,040 sx (Tail)	14.5 (Lead); 15.2 (Tail)	1.3 (Lead); 1.86 (Tail)	2,612	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 13,482' MD, 7,098' TVD (BHL); 7,115' TVD (Deepest Point Drilled) Loggers TD (ft) 13,429'

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

Plug back procedure N/A

Kick off depth (ft) 6,358'

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 _____

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API 47- 017 - 06320 Farm name Pennington, Bernard C., et al Well number Proudfoot Unit 2H

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	6,884' (top)	TVD	7,176' (top)	MD
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3,950 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 5,347 mcfpd Oil _____ bpd NGL _____ bpd Water 600 bpd GAS MEASURED BY 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	
	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 STRC
Address 1560 Good Hope Pike City Clarksburg State WV Zip 26301

Cementing Company Nabors Completion & Production Services, Co.
Address 1650 Hackers Creek City Jane Lew State WV Zip 26378

Stimulating Company Halliburton
Address 121 Champion Way, Suite 200 City Canonsburg State PA Zip 15317

Please insert additional pages as applicable.

Completed by Megan Darling Telephone 303-357-7230
Signature *Megan C. Darling* Title Permitting Agent Date 07/17/2015

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

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API 47-017-06320 Farm Name Pennington, Bernard C., et al Well Number Proudfoot Unit 2H

EXHIBIT 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	7-Sep-14	13,222	13,391	60	Marcellus
2	20-Oct-14	13,022	13,190	60	Marcellus
3	20-Oct-14	12,822	12,990	60	Marcellus
4	20-Oct-14	12,621	12,790	60	Marcellus
5	21-Oct-14	12,421	12,590	60	Marcellus
6	21-Oct-14	12,221	12,390	60	Marcellus
7	21-Oct-14	12,021	12,190	60	Marcellus
8	21-Oct-14	11,821	11,990	60	Marcellus
9	22-Oct-14	11,621	11,790	60	Marcellus
10	22-Oct-14	11,421	11,590	60	Marcellus
11	22-Oct-14	11,221	11,390	60	Marcellus
12	22-Oct-14	11,021	11,189	60	Marcellus
13	23-Oct-14	10,821	10,989	60	Marcellus
14	23-Oct-14	10,620	10,789	60	Marcellus
15	23-Oct-14	10,420	10,589	60	Marcellus
16	23-Oct-14	10,220	10,389	60	Marcellus
17	25-Oct-14	10,020	10,189	60	Marcellus
18	25-Oct-14	9,820	9,989	60	Marcellus
19	25-Oct-14	9,620	9,789	60	Marcellus
20	25-Oct-14	9,420	9,589	60	Marcellus
21	26-Oct-14	9,220	9,388	60	Marcellus
22	26-Oct-14	9,020	9,188	60	Marcellus
23	26-Oct-14	8,820	8,988	60	Marcellus
24	26-Oct-14	8,619	8,788	60	Marcellus
25	27-Oct-14	8,419	8,588	60	Marcellus
26	27-Oct-14	8,219	8,388	60	Marcellus
27	27-Oct-14	8,019	8,188	60	Marcellus
28	27-Oct-14	7,819	7,988	60	Marcellus
29	27-Oct-14	7,619	7,788	60	Marcellus
30	28-Oct-14	7,419	7,588	60	Marcellus
31	28-Oct-14	7,219	7,387	60	Marcellus

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	19-Oct-14	62.9	6,516	5,825	4,794	239,680	6,573	N/A
2	20-Oct-14	64.2	6,514	5,544	5,282	198,423	6,155	N/A
3	20-Oct-14	63.9	6,659	5,487	5,206	241,595	6,575	N/A
4	20-Oct-14	62.6	6,444	5,249	5,012	239,704	6,541	N/A
5	21-Oct-14	65.5	6,376	5,643	5,009	241,170	6,434	N/A
6	21-Oct-14	64.5	6,329	5,205	5,171	241,069	6,466	N/A
7	21-Oct-14	65.0	6,230	5,383	5,025	239,425	6,477	N/A
8	21-Oct-14	65.5	6,357	5,658	5,151	239,921	6,474	N/A
9	22-Oct-14	65.3	6,513	5,569	5,452	238,231	6,355	N/A
10	22-Oct-14	64.8	6,527	5,792	5,456	242,593	6,895	N/A
11	22-Oct-14	62.2	6,830	5,580	5,239	242,674	6,415	N/A
12	22-Oct-14	64.4	6,524	5,556	5,295	200,859	6,970	N/A
13	23-Oct-14	63.5	6,477	5,602	5,206	240,070	6,430	N/A
14	23-Oct-14	64.8	6,571	5,339	5,346	239,211	6,309	N/A
15	23-Oct-14	67.0	6,585	5,330	5,364	242,731	6,294	N/A
16	23-Oct-14	64.8	6,383	5,305	8,670	243,285	5,731	N/A
17	25-Oct-14	64.5	6,443	5,344	5,290	212,220	5,851	N/A
18	25-Oct-14	65.2	6,426	5,323	5,282	232,793	6,836	N/A
19	25-Oct-14	64.5	6,443	5,385	5,385	237,242	6,835	N/A
20	25-Oct-14	66.0	6,398	5,341	5,414	236,662	6,809	N/A
21	26-Oct-14	65.4	6,345	5,558	5,176	240,973	6,080	N/A
22	26-Oct-14	63.5	6,513	5,553	5,202	239,169	6,709	N/A
23	26-Oct-14	62.5	6,143	5,471	5,351	242,847	6,115	N/A
24	26-Oct-14	65.3	6,285	5,457	5,398	238,668	6,002	N/A
25	27-Oct-14	65.0	6,412	5,727	5,259	241,002	6,169	N/A
26	27-Oct-14	62.7	6,352	5,569	5,667	241,775	6,034	N/A
27	27-Oct-14	63.8	6,298	5,496	5,654	238,571	5,974	N/A
28	27-Oct-14	62.9	6,265	5,686	5,679	240,375	5,942	N/A
29	27-Oct-14	65.1	6,355	5,755	5,783	241,028	6,011	N/A
30	28-Oct-14	65.0	6,178	5,609	5,583	239,685	6,030	N/A
31	28-Oct-14	63.5	6,361	6,032	5,380	242,134	5,987	N/A
AVG=		64.4	6,421	5,528	5,425	7,335,785	196,476	TOTAL

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API 47-017-06320 Farm Name Pennington, Bernard C. et al Well Number Proudfoot Unit 2H

EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD) From
	From Surface	From Surface	From Surface	Surface
Fresh Water	57'	N/A	57'	N/A
Silty Shale	0	67	0	67
Sandy siltstone	67	187	67	187
Coal	187	227	187	227
Sandy siltstone	227	547	227	547
Sandstone	547	707	547	707
Limestone	707	747	707	747
Siltstone	747	787	747	787
Pittsburgh Coal	787	847	787	847
Sandy siltstone	847	1,027	847	1,027
Limey Siltstone	1,027	1,087	1,027	1,087
Sandy siltstone	1,087	1,307	1,087	1,307
Sandstone	1,307	1,367	1,307	1,367
Shale	1,367	1,477	1,367	1,477
Coal	1,477	1,482	1,477	1,482
Sandy siltstone tr coal	1,482	1,527	1,482	1,527
Sandstone	1,527	1,587	1,527	1,587
Sandstone tr Coal	1,587	1,747	1,587	1,747
Silty Sandstone	1,747	1,787	1,747	1,787
Sandstone tr Coal	1,787	1,887	1,787	1,887
Sandy siltstone	1,887	2,020	1,887	2,020
Big Lime	2,020	2,141	2,020	2,141
Big Injun	2,141	2,381	2,141	2,381
Gantz Sand	2,381	2,553	2,381	2,553
Fifty Foot Sandstone	2,553	2,764	2,553	2,764
Gordon	2,764	3,078	2,764	3,078
Fifth Sandstone	3,078	3,130	3,078	3,130
Bayard	3,130	3,457	3,130	3,457
Warren	3,457	3,781	3,457	3,781
Speechley	3,781	3,979	3,781	3,979
Baltown	3,979	4,597	3,979	4,597
Bradford	4,597	5,045	4,597	5,045
Benson	5,045	5,299	5,045	5,299
Alexander	5,299	5,515	5,299	5,515
Elk	5,515	6,046	5,515	6,046
Rhinestreet	6,046	6,501	6,046	6,508
Sycamore	6,501	6,649	6,508	6,748
Middlesex	6,649	6,779	6,748	6,901
Burkett	6,779	6,818	6,901	6,985
Tully	6,818	6,884	6,985	7,176
Marcellus	6,884	NA	7,176	NA

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/19/2014
Job End Date:	10/28/2014
State:	West Virginia
County:	Doddridge
API Number:	47-017-06320-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Proudfoot Unit 2H
Longitude:	-80.73896900
Latitude:	39.21034700
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	7,115
Total Base Water Volume (gal):	8,898,134
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Service Abstract Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100.00000	90.87271	Density = 8.340
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100.00000	4.82852	
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100.00000	4.15532	
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100.00000	0.05737	
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01866	
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100.00000	0.00154	
Scalecheck® LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10.00000	0.00143	
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10.00000	0.00079	

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HAZARDOUS ACID INHIBITOR	Corrosion Inhibitor	Ingredients shown above are subject to 29 CFR 1910.1200(f) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.	MSDS No.	Quantity	MSDS No.	Quantity
	Methanol		87-56-1	60.00000		0.00010
	Propargyl alcohol		107-19-7	10.00000		0.00002
	Other Ingredient(s)					
	Water		7732-18-5			0.05377
	Other Ingredient(s)					
	Polyacrylamide copolymer		Confidential			0.01866
	Other Ingredient(s)					
	Organic phosphonate		Confidential			0.00855
	Other Ingredient(s)					
	Sodium chloride		7647-14-5			0.00311
	Other Ingredient(s)					
	Ammonium chloride		12125-02-9			0.00311
	Other Ingredient(s)					
	Alcohols, C12-16, ethoxylated		38551-12-2			0.00311
	Other Ingredient(s)					
	Fatty acid tall oil amide		Confidential			0.00311
	Other Ingredient(s)					
	Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex		121888-68-4			0.00287
	Other Ingredient(s)					
	Sorbitan, mono-9-octadecenoate, (Z)		1338-43-8			0.00062
	Other Ingredient(s)					
	Sorbitan monooleate polyoxyethylene derivative		9005-65-6			0.00062
	Other Ingredient(s)					
	Surfactant mixture		Confidential			0.00057
	Other Ingredient(s)					
	Silica gel		112926-00-8			0.00057
	Other Ingredient(s)					
	Surfactant mixture		Confidential			0.00057
	Other Ingredient(s)					
	Formaldehyde		50-00-0			0.00014
	Other Ingredient(s)					
	Crystalline Silica, Quartz		14808-60-7			0.00006
	Other Ingredient(s)					
	Alcohols, C14-C15, ethoxylated		38951-67-7			0.00005
	Other Ingredient(s)					
	Fatty acids, tall oil		Confidential			0.00005
	Other Ingredient(s)					

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

Denise Tuck,
Halliburton
3000 N. Sam Houston Pkwy
E.,
Houston, TX 77032
281-871-6226

			38527-49-1	0.00005	
	Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide				
	Other Ingredient(s)	Olefins	Confidential	0.00001	
	Other Ingredient(s)	Olefins	Confidential	0.00001	
	Other Ingredient(s)	Olefins	Confidential	0.00000	
	Other Ingredient(s)	Olefins	Confidential	0.00000	
	Other Ingredient(s)	Sodium sulfate	7757-82-6	0.00000	

* 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)

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LATITUDE 39°15'00"

8,730'

LATITUDE 39°12'30"

LONGITUDE 80°42'30"

14,473'

LONGITUDE 80°42'30"

Antero Resources Corporation
Well No. Proudfoot Unit 2H
47-017-06320 (AS DRILLED)

JOHN MAXWELL
ET UX LEASE

WELL NO. 2H
47-017-06320

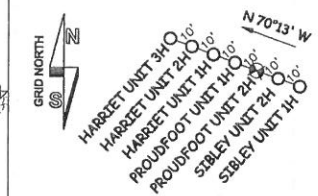
4358

I.L. MORRIS
D.B. 230 PG. 307
T.M. 7 PAR. 1
2331.51 AC. ±

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 261,114ft E: 1,648,886ft
LAT: 39°12'36.95" LON: 80°44'20.91"
BOTTOM HOLE INFORMATION:
N: 254,690ft E: 1,650,605ft
LAT: 39°11'33.69" LON: 80°43'57.95"
WEST VIRGINIA COORDINATE
SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM
MEASUREMENTS TAKEN WITH
TRIMBLE GEOXT SUBMETER
MAPPING GRADE GPS UNIT.
PLAT ORIENTATION, CORNER,
AND WELL REFERENCE TIE LINES
ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,340,152m E: 522,536m
BOTTOM HOLE INFORMATION:
N: 4,338,204m E: 523,093m

PAD LAYOUT
NOT TO SCALE



WV NORTH ZONE
GRID NORTH

JOHN B. MAXWELL
ET UX LEASE

PAUL ROBINSON ET AL
LEASE
BERNARD C.
PENNINGTON ET AL
D.B. 226 PG. 701
T.M. 11 PAR. 3
174.75 AC. ±

2H BOTTOM HOLE

PAUL R.
ROBINSON ET AL
W.B. 24 PG. 561
T.M. 11 PAR. 19
1 AC. ±

BRIAN E. DAVIS
D.B. 262 PG. 360
T.M. 11 PAR. 17
47 AC. ±

CHARLES W.
YEAGER III
D.B. 273 PG. 394
T.M. 11 PAR. 18
12.53 AC. ±

CHARLES W. YEAGER III
D.B. 225 PG. 638
T.M. 11 PAR. 4
145.4 AC. ±

MARY E. WALTON HEIRS
D.B. 28 PG. 408
T.M. 11 PAR. 20
12 AC. ±

PAUL ROBINSON ET AL
LEASE

MIRIAM E. WICKMAN
D.B. 108 PG. 128
T.M. 11 PAR. 21
132.1 AC. ±

- 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.

MARY PHILLIPS
LEASE

CHARLES W.
CLEVINGER ET AL
D.B. 250 PG. 311
T.M. 14 PAR. 6
84.45 AC. ±

APPROX
S 15°01' E
7362.5'

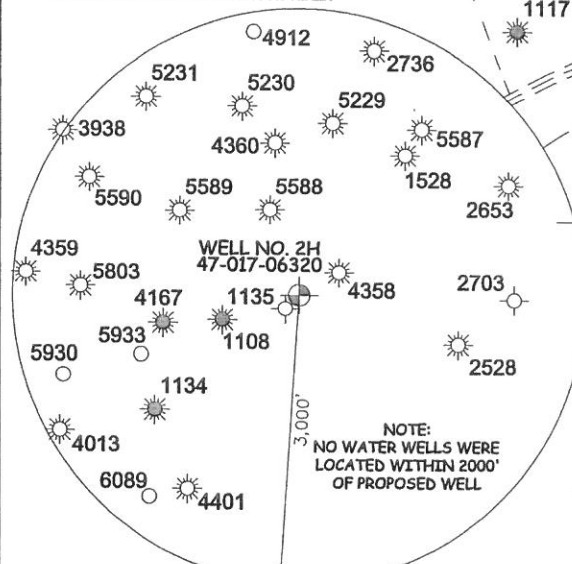
1589

CHARLES CLEVINGER
D.B. 140 PG. 171
T.M. 14 PAR. 7
58.2 AC. ±

2H TOP HOLE

1140

STANTON B. BROWN II
D.B. 215 PG. 363
T.M. 14 PAR. 14
130.36 AC. ±



ALBERT PEARCY
LEASE

1132

REBAR FOUND

PAULDIN G. COPLIN
D.B. 136 PG. 27
T.M. 14 PAR. 15
119.73 AC. ±

SHIRLEY ROBINSON
W.B. 28 PG. 544
T.M. 11 PAR. 22
132.8 AC. ±

GREGORY L. ROBINSON
ET AL
D.B. 227 PG. 160
T.M. 14 PAR. 08
97.35 AC. ±

MARK J. DAGGETT ET AL
D.B. 266 PG. 68
T.M. 14 PAR. 16.2
60.20 AC. ±

JOB # 13-053WA

DRAWING # PROUDFOOT2HAD

SCALE 1" = 1000'

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,289' ORIGINAL - 1,277' AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK

QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE

SURFACE OWNER BERNARD C. PENNINGTON ET AL ACREAGE 174.75 ACRES +/-

OIL & GAS ROYALTY OWNER JOHN B. MAXWELL ET UX; PAUL ROBINSON ET AL; LEASE ACREAGE 101.98 ACRES±; 237 ACRES±;

MARY PHILLIPS; PAUL ROBINSON ET AL; ALBERT PEARCY ET AL 63.4 ACRES±; 220 AC±; 375 AC±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE

PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) (X) AS DRILLED

TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG

ESTIMATED DEPTH 7,098' TVD 13,482' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER

ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD

DENVER, CO 80202 CHARLESTON, WV 25313



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

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

LEGEND

- Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
- X - Existing Fence
- ⊕ Found monument, as noted
- Proposed Well Path
- ⊗ As Drilled Well Path

DATE 06/17/15

OPERATOR'S WELL# PROUDFOOT UNIT #2H

API WELL # 47 - 017 - 06320

STATE COUNTY PERMIT

COUNTY NAME

PERMIT