

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

API 47 - 085 - 10041 County Ritchie District Clay
Quad Pennsboro 7.5' Pad Name Eddy Pad Field/Pool Name ----
Farm name Annie B. Haymond, et al Well Number Blanche Unit 3H
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 4,353,861m Easting 506,906m
Landing Point of Curve Northing 4,354,298.84m Easting 507,390.54m
Bottom Hole Northing 4,356,136m Easting 505,994m

Elevation (ft) 971' 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 6/26/2013 Date drilling commenced 3/15/2014 Date drilling ceased 10/16/2014
Date completion activities began 1/12/2015 Date completion activities ceased 6/23/2015
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 126', 237' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 653', 2099' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1056' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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Reviewed by:
[Signature]
10/16/2015

API 47-085 - 10041 Farm name Annie B. Haymond, et al Well number Blanche Unit 3H

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	Y
Surface	17-1/2"	13-3/8"	361'	New	48#/H-40	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2623'	New	36#/J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	14,470'	New	20#/P-110	N/A	Y
Tubing		2-3/8"	7066'		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	100 sx	15.6	1.18	38 Cu. Ft.	0'	8 Hrs.
Surface	Class A	433 sx	15.6	1.18	251 Cu. Ft.	0'	8 Hrs.
Coal							
Intermediate 1	Class A	1029 sx	15.6	1.18	822 Cu. Ft.	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	800 sx (Lead), 1300 sx (Tail)	13.5 (Lead), 15.2 (Tail)	1.44 (Lead), 1.80 (Tail)	2829 Cu. Ft.	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 14,470' MD, 6301' TVD (BHL); 6337' TVD (Deepest Point Drilled) Loggers TD (ft) 14,442' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6567

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

** This is a subsequent well. Antero only runs wireline logs on one well on a multi-well pad (Anna Unit 2H API# 47-085-09963). Please reference the wireline logs submitted with Form WR-35 for the Anna Unit 2H. A Cement Bond Log has been included with this submittal.

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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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
			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)
			SEE ATTACHED EXHIBIT 2					

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Please insert additional pages as applicable.

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PRODUCING FORMATION(S)	DEPTHS		
<u>Marcellus</u>	<u>6283' (Top)</u>	TVD	<u>7123' (Top)</u> MD
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3000 psi Bottom Hole ---- psi DURATION OF TEST ---- hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY

7507 mcfpd 31 bpd ---- bpd 320 bpd Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME	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 ₂ S, ETC)
	<u>0</u>		<u>0</u>		
					SEE ATTACHED EXHIBIT 3

Please insert additional pages as applicable.

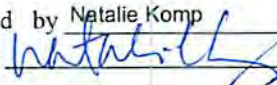
Drilling Contractor Frontier Drilling LLC
Address 562 Spring Run Road City Pennsboro State WV Zip 26415

Logging Company STRC
Address 1560 Good Hope Pike City Clarksburg State WV Zip 26301

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

Stimulating Company US Well Services
Address 533 Industrial Park Drive City Jane Lew State WV Zip 26378

Please insert additional pages as applicable.

Completed by Natalie Komp Telephone 303-357-6820
Signature  Title Permitting Agent Date 8/27/2015

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

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API 47-085-10041 Farm Name Annie B. Haymond, et al Well Number Blanche Unit 3H

EXHIBIT 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	12-Jan-15	14,211	14,381	60	Marcellus
2	23-May-15	14,010	14,179	60	Marcellus
3	23-May-15	13,808	13,978	60	Marcellus
4	23-May-15	13,607	13,777	60	Marcellus
5	24-May-15	13,406	13,576	60	Marcellus
6	24-May-15	13,205	13,374	60	Marcellus
7	24-May-15	13,003	13,173	60	Marcellus
8	24-May-15	12,802	12,972	60	Marcellus
9	25-May-15	12,601	12,771	60	Marcellus
10	25-May-15	12,400	12,569	60	Marcellus
11	25-May-15	12,198	12,368	60	Marcellus
12	25-May-15	11,997	12,167	60	Marcellus
13	26-May-15	11,796	11,965	60	Marcellus
14	26-May-15	11,594	11,764	60	Marcellus
15	26-May-15	11,393	11,563	60	Marcellus
16	27-May-15	11,192	11,362	60	Marcellus
17	27-May-15	10,991	11,160	60	Marcellus
18	27-May-15	10,789	10,959	60	Marcellus
19	27-May-15	10,588	10,758	60	Marcellus
20	28-May-15	10,387	10,557	60	Marcellus
21	28-May-15	10,186	10,355	60	Marcellus
22	28-May-15	9,984	10,154	60	Marcellus
23	28-May-15	9,783	9,953	60	Marcellus
24	28-May-15	9,582	9,751	60	Marcellus
25	29-May-15	9,380	9,550	60	Marcellus
26	29-May-15	9,179	9,349	60	Marcellus
27	29-May-15	8,978	9,148	60	Marcellus
28	29-May-15	8,777	8,946	60	Marcellus
29	30-May-15	8,575	8,745	60	Marcellus
30	10-Jun-15	8,374	8,544	60	Marcellus
31	10-Jun-15	8,173	8,343	60	Marcellus
32	11-Jun-15	7,972	8,141	60	Marcellus
33	11-Jun-15	7,770	7,940	60	Marcellus
34	11-Jun-15	7,569	7,739	60	Marcellus
35	11-Jun-15	7,368	7,538	60	Marcellus
36	11-Jun-15	7,167	7,336	60	Marcellus

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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-Apr-15	62.3	7,396	N/A	5,805	186,200	5,357	N/A
2	23-May-15	61.8	7,564	N/A	4,837	173,220	7,749	N/A
3	23-May-15	66.0	6,879	5,708	3,324	240,310	6,482	N/A
4	23-May-15	66.0	6,821	5,757	3,296	246,480	6,517	N/A
5	24-May-15	65.0	6,720	5,934	4,488	245,250	6,645	N/A
6	24-May-15	65.1	6,508	5,793	4,240	245,480	6,543	N/A
7	24-May-15	65.0	6,519	5,629	4,187	250,100	6,478	N/A
8	24-May-15	64.0	6,541	5,511	4,077	248,380	6,462	N/A
9	25-May-15	66.0	6,520	5,557	4,217	249,010	6,510	N/A
10	25-May-15	66.0	6,556	5,648	4,159	248,050	6,735	N/A
11	25-May-15	65.7	6,419	5,562	3,643	188,160	6,982	N/A
12	25-May-15	65.8	6,464	5,758	3,945	248,750	6,402	N/A
13	26-May-15	65.0	6,506	5,809	3,806	248,770	6,098	N/A
14	26-May-15	65.0	6,435	5,515	4,116	248,800	6,411	N/A
15	26-May-15	63.0	6,406	5,311	4,705	248,680	6,369	N/A
16	27-May-15	65.0	6,544	5,541	3,782	244,925	6,360	N/A
17	27-May-15	63.0	6,489	5,463	4,835	215,250	7,148	N/A
18	27-May-15	63.0	6,681	5,270	3,215	248,050	6,848	N/A
19	27-May-15	65.0	6,623	5,274	3,095	248,630	6,709	N/A
20	28-May-15	69.0	6,475	5,204	3,349	249,140	6,471	N/A
21	28-May-15	65.0	6,731	5,504	4,113	233,700	6,877	N/A
22	28-May-15	65.0	6,443	5,029	4,519	235,200	6,894	N/A
23	28-May-15	70.0	6,360	5,291	4,289	245,360	6,201	N/A
24	28-May-15	68.0	6,887	5,269	3,902	138,930	6,282	N/A
25	29-May-15	69.0	6,082	5,157	3,367	249,310	6,241	N/A
26	29-May-15	65.0	5,836	5,097	3,168	248,650	6,287	N/A
27	29-May-15	64.0	5,750	4,970	3,874	249,850	6,445	N/A
28	29-May-15	69.6	6,245	5,537	3,983	251,030	6,220	N/A
29	30-May-15	68.0	6,270	5,205	3,932	223,386	7,321	N/A
30	10-Jun-15	54.0	7,527	N/A	4,683	180,400	6,608	N/A
31	10-Jun-15	65.6	6,380	5,822	3,191	246,200	6,226	N/A
32	11-Jun-15	66.5	6,191	161	3,512	248,430	6,156	N/A
33	11-Jun-15	64.0	5,742	4,965	3,445	248,200	6,137	N/A
34	11-Jun-15	62.0	6,407	5,356	3,367	222,180	6,664	N/A
35	11-Jun-15	66.9	5,849	5,749	3,193	244,270	6,179	N/A
36	11-Jun-15	66.8	6,050	6,020	2,784	241,540	6,325	N/A
	AVG =	65.2	6,494	5,314	3,901	8,428,271	234,339	TOTAL

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EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
Fresh Water	126	N/A	126	N/A
Fresh Water	237	N/A	237	N/A
Sandstone	0	256	0	256
Sandstone/Trace Coal	est. 256	316	est. 256	316
Sandstone/Siltstone	est. 316	596	est. 316	596
Limestone	est. 596	636	est. 596	636
Siltstone/Sandstone	est. 636	736	est. 636	736
Limestone/Siltstone	est. 736	796	est. 736	796
Siltstone	est. 796	896	est. 796	896
Limestone/Sandstone	est. 896	1,056	est. 896	1,056
Coal	est. 1056	1,076	est. 1056	1,076
Sandstone	est. 1076	1,136	est. 1076	1,136
Siltstone	est. 1136	1,196	est. 1136	1,196
Shale	est. 1196	1,256	est. 1196	1,256
Sandstone	est. 1256	1,316	est. 1256	1,316
Sandstone/Trace Coal	est. 1316	1,336	est. 1316	1,336
Sandstone	est. 1336	1,376	est. 1336	1,376
Siltstone	est. 1376	1,396	est. 1376	1,396
Sandstone/Trace Coal	est. 1396	1,696	est. 1396	1,696
Siltstone	est. 1696	1,849	est. 1696	1,849
Big Lime	1,849	1,995	1,849	1,995
Big Injun	1,995	2,360	1,995	2,360
Gantz Sand	2,360	2,781	2,360	2,782
Fifty Foot Sandstone	2,781	2,849	2,782	2,850
Gordon	2,849	3,179	2,850	3,194
Fifth Sandstone	3,179	3,257	3,194	3,278
Bayard	3,257	3,403	3,278	3,438
Warren	3,403	3,742	3,438	3,830
Speechley	3,742	4,001	3,830	4,142
Baltown	4,001	4,471	4,142	4,720
Bradford	4,471	4,832	4,720	5,168
Benson	4,832	5,058	5,168	5,449
Alexander	5,058	5,348	5,449	5,803
Elk	5,348	5,635	5,803	6,153
Rhinestreet	5,635	6,013	6,153	6,652
Sycamore	6,013	6,121	6,652	6,815
Middlesex	6,121	6,224	6,815	6,982
Burkett	6,224	6,258	6,982	7,050
Tully	6,258	6,283	7,050	7,123
Marcellus	6,283	NA	7,123	NA

*Please note Antero determines shallow 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.

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Hydraulic Fracturing Fluid Product Component Information Disclosure

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Job Start Date:	4/5/2015
Job End Date:	6/11/2015
State:	West Virginia
County:	Ritchie
API Number:	47-085-10041-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Blanche Unit 3H
Longitude:	-80.91986900
Latitude:	39.33414400
Datum:	NAD83
Federal/Tribal Well:	NO
True Vertical Depth:	6,337
Total Base Water Volume (gal):	10,337,132
Total Base Non Water Volume:	444,356



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Antero Resources	Base Fluid					
			Water	7732-18-5	100.00000	90.65081	
Sand	U.S. Well Services, LLC	Proppant					
			Crystalline Silica, quartz	14808-60-7	100.00000	8.86225	
HCL Acid (12.6%-18.0%)	U.S. Well Services, LLC	Bulk Acid					
			Water	7732-18-5	87.50000	0.16864	
			Hydrogen Chloride	7641-01-1	18.00000	0.04028	
LGC-15	U.S. Well Services, LLC	Gelling Agents					
			Guar Gum	9000-30-0	50.00000	0.07568	
			Petroleum Distillates	64742-47-8	60.00000	0.07168	
			Suspending agent (solid)	14808-60-7	3.00000	0.01157	
			Surfactant	68439-51-0	3.00000	0.00454	
WFRA-405	U.S. Well Services, LLC	Friction Reducer					
			Water	7732-18-5	40.00000	0.02543	
			Anionic Polyacrylamide	Proprietary		0.02543	
			Petroleum Distillates	64742-47-8	22.00000	0.02047	
			Ethoxylated alcohol blend	Proprietary	5.00000	0.00318	

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			Crystalline Salt	12125-02-9	5.00000	0.00318	
SI-1100	U.S. Well Services	Scale Inhibitor					
			Di Water	7732-18-5	80.00000	0.01025	
			Ethylene Glycol	107-21-1	40.00000	0.00579	
			Potassium salt of diethylene triamine penta (methylene phosphonic acid)	15827-60-8	10.00000	0.00173	
			2-Phosphonobutane 1,2,4 tricarboxylic salt	37971-36-1	10.00000	0.00165	
			hexamethylenediamine tetra (methylene phosphonic acid)	38820-59-6	10.00000	0.00160	
			Copolymer of Maleic and Acrylic acid	26677-99-6	10.00000	0.00151	
			bis (hexamethylene) tramine penta (methylene phosphonic acid) - phosphate acid	40623-75-4	10.00000	0.00147	
			Acrylic polymer	52255-49-9	5.00000	0.00064	
K-BAC 1020	U.S. Well Services, LLC	Anti-Bacterial Agent					
			2,2-dibromo-3-nitropropionamide	10222-01-2	20.00000	0.00628	
			Deionized Water	7732-18-5	28.00000	0.00359	
AP One	U.S. Well Services, LLC	Gel Breakers					
			Ammonium Persulfate	7727-54-0	100.00000	0.00199	
AI-301	U.S. Well Services, LLC	Acid Corrosion Inhibitors					
			Diethylene Glycol	111-46-6	30.00000	0.00013	
			Methenamine	100-97-0	20.00000	0.00010	
			Hydrogen Chloride	7647-01-0	10.00000	0.00004	
			Polyethylene polyamine	68603-67-8	10.00000	0.00004	
			Coco amine	61791-14-8	5.00000	0.00002	

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

* Total Water Volume sources may include fresh water, produced water, and/or recycled water
 ** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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LATITUDE 39°22'30" -955'

3,939' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°55'00" 7,442' TO BOTTOM HOLE

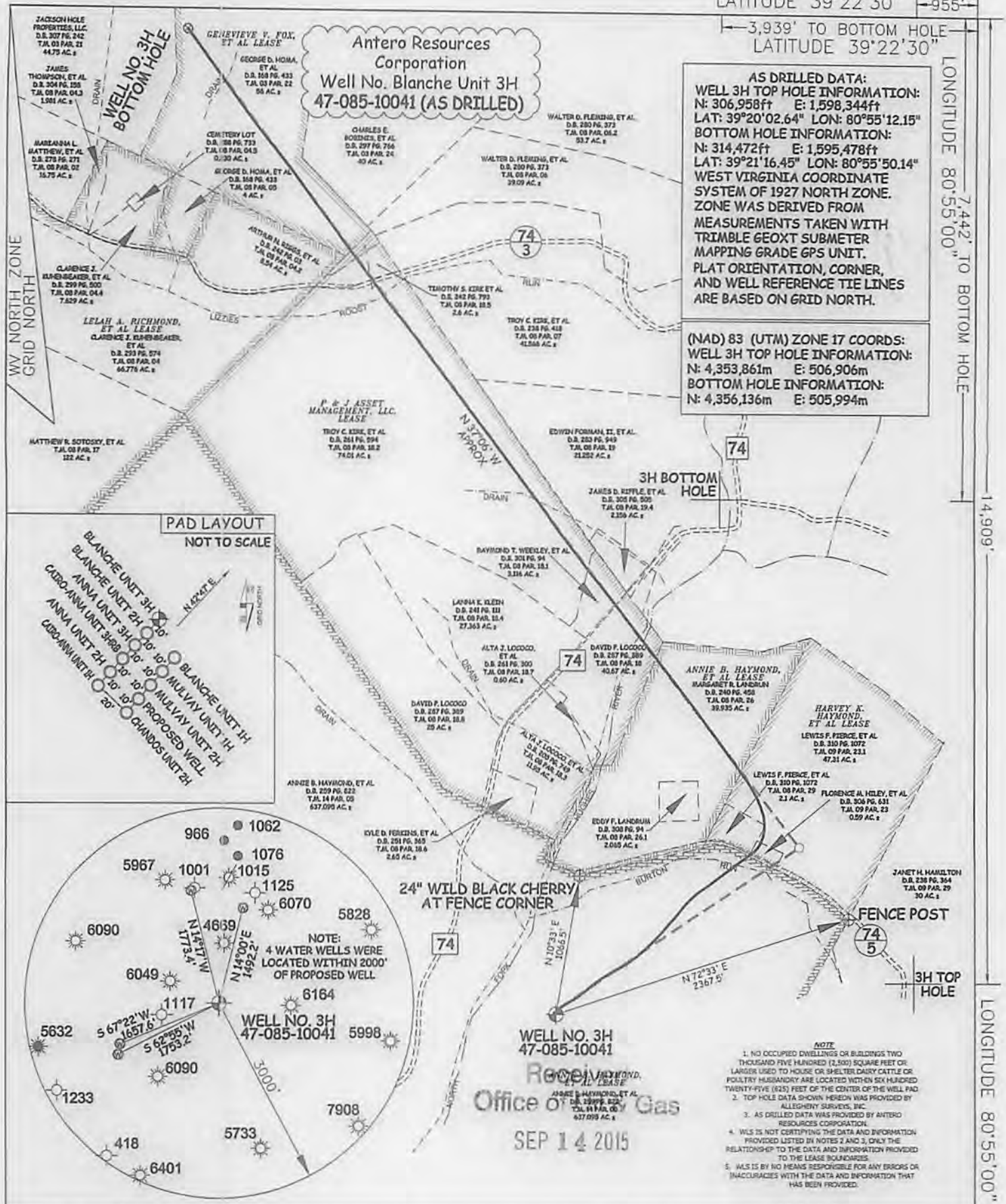
14,909'

LONGITUDE 80°55'00"

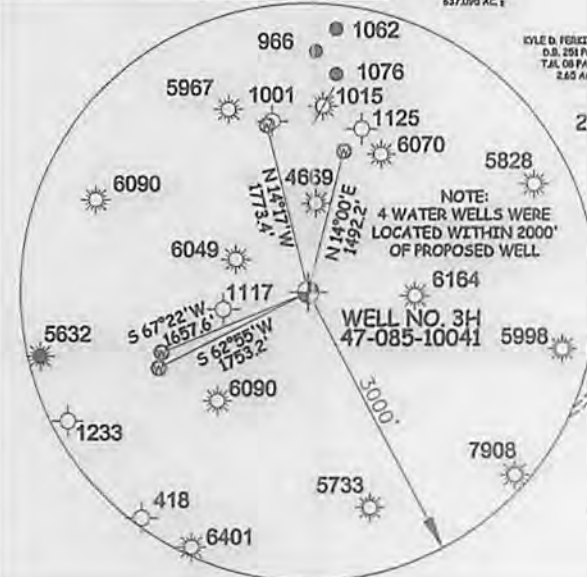
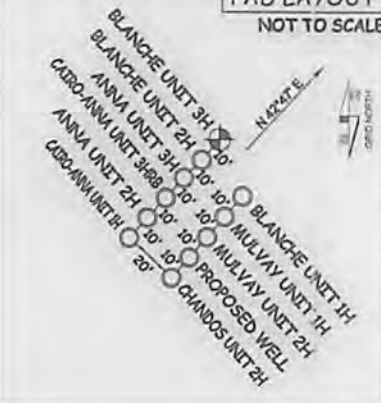
Antero Resources Corporation Well No. Blanche Unit 3H 47-085-10041 (AS DRILLED)

AS DRILLED DATA:
WELL 3H TOP HOLE INFORMATION:
N: 306,958ft E: 1,598,344ft
LAT: 39°20'02.64" LON: 80°55'12.15"
BOTTOM HOLE INFORMATION:
N: 314,472ft E: 1,595,478ft
LAT: 39°21'16.45" LON: 80°55'50.14"
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 3H TOP HOLE INFORMATION:
N: 4,353,861m E: 506,906m
BOTTOM HOLE INFORMATION:
N: 4,356,136m E: 505,994m



PAD LAYOUT NOT TO SCALE



24" WILD BLACK CHERRY AT FENCE CORNER

WELL NO. 3H
47-085-10041
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- 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 POLSTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
- 2. TOP HOLE DATA SHOWN HEREIN 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 BY 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.

JOB # 13-001WA
DRAWING # BLANCHE3HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 992 ORIGINAL - 971' AS DRILLED WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER ANNIE B. HAYMOND, ET AL ACREAGE 637.095 ACRES +/-
OIL & GAS ROYALTY OWNER ANNIE B. HAYMOND, ET AL; HARVEY K. HAYMOND, ET AL; ANNIE B. HAYMOND, ET AL LEASE ACREAGE 700 ACRES +/-; 46.7 ACRES +/-; 32 ACRES +/-
P & J ASSET MANAGEMENT, LLC.; GENEVIEVE V. FOX, ET AL 188 ACRES +/-; 60 ACRES +/-
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 PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,301' TVD 14,470' 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

DATE 07/27/15
OPERATOR'S WELL# BLANCHE UNIT 3H
API WELL # 47 - 085 - 10041
STATE COUNTY PERMIT
10/16/2015
Received
Office of Oil & Gas
SEP 14 2015