

APPROVED

WR-35
Rev. 8/23/13

NAME: Carl A. Fox Page ___ of ___

DATE: 11/16/16

State of West Virginia

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



API 47-017-06560 County Doddridge District West Union
Quad West Union 7.5' Pad Name Cofor Pad Field/Pool Name -----
Farm name Coastal Forest Resources Company Well Number Morton 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 4350028m Easting 517236m
Landing Point of Curve Northing 4349934.33m Easting 517400.84m
Bottom Hole Northing 4348914m Easting 517810m

Elevation (ft) 1189' 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 9/25/2014 Date drilling commenced 11/12/2014 Date drilling ceased 3/10/2015
Date completion activities began 4/1/2016 Date completion activities ceased 7/4/2016
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 87' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 737', 750' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 367', 567' Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

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SEP 29 2016
Reviewed by:
AX RBDMS
12/16/2016

API 47-017 - 06560 Farm name Coastal Forest Resources Company Well number Morton 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	30"	20"	80'	New	133# J-55	N/A	Y
Surface	17-1/2"	13-3/8"	437'	New	48# H-40	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2566'	New	36# J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	10765'	New	23# P-110	N/A	Y
Tubing		2-3/8"	6983'		4.7# N-80		
Packer type and depth set		N/A					

Comment Details Well was drilled to 10864'; however, production casing would not go any further than 10765'.

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	381 sx	15.2	1.18	77	0'	8 Hrs.
Surface	Class A	565 sx	15.6	1.2	304	0'	8 Hrs.
Coal							
Intermediate 1	Class A	943 sx	15.6	1.18	804	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	851 sx (Lead) 1093 sx (Tail)	14.5 (Lead), 15.2 (Tail)	1.3 (Lead), 1.86 (Tail)	1993	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 10864' MD, 6835' TVD (BHL); 6876' TVD (Deepest Point Drilled) Loggers TD (ft) 10815' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 8130'

** This is a subsequent well. Antero only runs wireline logs on one well on a multi-well pad (Morton Unit 1H API #47-017-06559). Please reference the wireline logs submitted with Form WR-35 for Morton Unit 1H. 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 _____

Oil and Gas
 SEP 29 2016
 Environmental Protection
 12/16/2016

API 47- 017 - 06560 Farm name Coastal Forest Resources Company Well number Morton Unit 2H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>Marcellus</u>	<u>6796' (TOP)</u> TVD	<u>6990' (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 7526 mcfpd Oil 49 bpd NGL --- bpd Water 454 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	

***PLEASE SEE ATTACHED EXHIBIT 3**

Please insert additional pages as applicable.

Drilling Contractor Frontier Drilling, LLC
Address 562 Spring Run Rd. City Pennsboro State WV Zip 26415

Logging Company Allied Horizontal Wireline Services
Address 380 Bedford Rd. City North Huntingdon State PA Zip 15642

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

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

Please insert additional pages as applicable.

Completed by Kara Quackenbush Telephone 303-357-7233
Signature *Kara Quackenbush* Title Permitting Agent Date 9/26/2016

EXHIBIT 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	1-Apr-16	10,497	10,668	60	Marcellus
2	15-May-16	10,293	10,465	60	Marcellus
3	16-May-16	10,089	10,261	60	Marcellus
4	16-May-16	9,886	10,057	60	Marcellus
5	16-May-16	9,682	9,854	60	Marcellus
6	16-May-16	9,479	9,650	60	Marcellus
7	17-May-16	9,275	9,447	60	Marcellus
8	17-May-16	9,071	9,243	60	Marcellus
9	17-May-16	8,868	9,040	60	Marcellus
10	17-May-16	8,664	8,836	60	Marcellus
11	17-May-16	8,461	8,632	60	Marcellus
12	18-May-16	8,257	8,429	60	Marcellus
13	18-May-16	8,054	8,225	60	Marcellus
14	18-May-16	7,850	8,022	60	Marcellus
15	18-May-16	7,646	7,818	60	Marcellus
16	18-May-16	7,443	7,614	60	Marcellus
17	19-May-16	7,239	7,411	60	Marcellus
18	19-May-16	7,036	7,207	60	Marcellus

API 47-017-06560 Farm Name Coastal Forest Resources Company Well Number Morton 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	15-May-16	68.2	7,983	0	5,852	343,470	8,478	N/A
2	15-May-16	71.4	7,701	6,087	4,710	363,100	9,115	N/A
3	16-May-16	72.9	6,927	5,786	5,418	364,300	8,392	N/A
4	16-May-16	68.2	6,895	6,203	4,987	364,150	8,330	N/A
5	16-May-16	68.8	6,573	5,208	5,034	363,980	8,318	N/A
6	16-May-16	71.0	7,004	5,132	5,096	364,800	8,347	N/A
7	17-May-16	72.6	6,781	5,504	4,495	357,800	9,285	N/A
8	17-May-16	69.3	6,472	5,404	5,101	364,975	8,284	N/A
9	17-May-16	70.1	6,563	5,361	4,993	364,285	8,274	N/A
10	17-May-16	70.9	6,513	5,501	4,778	363,345	8,297	N/A
11	17-May-16	71.4	6,357	153	4,849	363,100	8,280	N/A
12	18-May-16	71.7	6,323	5,314	5,286	365,300	8,255	N/A
13	18-May-16	70.5	6,319	5,781	5,297	365,275	8,291	N/A
14	18-May-16	69.8	6,547	6,213	5,028	364,565	8,251	N/A
15	18-May-16	68.1	6,632	6,309	4,855	364,185	9,020	N/A
16	18-May-16	72.4	6,356	5,697	5,035	362,200	8,238	N/A
17	19-May-16	70.6	6,407	6,691	5,150	363,300	8,216	N/A
18	19-May-16	71.1	6,431	7,268	4,928	363,855	8,198	N/A
AVG=		70.5	6,710	5,201	5,050	6,525,985	8,437	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	87'	N/A	87'	N/A
Sandstone	0	107	0	107
Shale	est. 107	147	est. 107	147
Sandstone	est. 147	205	est. 147	205
Shale	est. 205	367	est. 205	367
Sandstone and Coal	est. 367	447	est. 367	447
Shale	est. 447	485	est. 447	485
Sandstone	est. 485	507	est. 485	507
Shale	est. 507	567	est. 507	567
Coal & Shale	est. 567	587	est. 567	587
Shale	est. 587	687	est. 587	687
Sandstone/Siltstone	est. 687	827	est. 687	827
Shale	est. 827	1007	est. 827	1007
Sandstone	est. 1007	1025	est. 1007	1025
Shale	est. 1025	1107	est. 1025	1107
Sandstone	est. 1107	1147	est. 1107	1147
Shale	est. 1147	1247	est. 1147	1247
Shale and Trace Coal	est. 1247	1267	est. 1247	1267
Shale	est. 1267	1327	est. 1267	1327
Sandstone	est. 1327	1346	est. 1327	1346
Shale	est. 1346	1467	est. 1346	1467
Sandstone/Siltstone	est. 1467	1567	est. 1467	1567
Siltstone/Shale/Trace coal	est. 1567	1666	est. 1567	1666
Sandstone	est. 1666	1727	est. 1666	1727
Shale/Sandstone/Trace Coal	est. 1727	1846	est. 1727	1846
Shale	est. 1846	1988	est. 1846	1988
Siltstone/Shale/Sandstone	est. 1988	2125	est. 1988	2125
Shale/Limestone	est. 2125	2170	est. 2125	2171
Big Lime	2170	2673	2171	2674
Gantz Sand	2673	2781	2674	2782
Fifty Foot Sandstone	2781	2880	2782	2881
Gordon	2880	3209	2881	3210
Fifth Sandstone	3209	4008	3210	4009
Speechley	4008	4306	4009	4307
Baltown	4306	4723	4307	4724
Bradford	4723	5168	4724	5169
Benson	5168	5447	5169	5448
Alexander	5447	5608	5448	5609
Elk	5608	6095	5609	6096
Rhinestreet	6095	6421	6096	6441
Sycamore	6421	6595	6441	6654
Middlesex	6595	6725	6654	6843
Burkett	6725	6754	6843	6896
Tully	6754	6796	6896	6990
Marcellus	6796	NA	6990	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.

SEP 29 2016

Department of

12/16/2016

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	5/15/2016
Job End Date:	5/19/2016
State:	West Virginia
County:	Doddridge
API Number:	47-017-06560-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Morton 2H
Latitude:	39.29946100
Longitude:	-80.80010600
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,876
Total Base Water Volume (gal):	6,505,082
Total Base Non Water Volume:	0



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	88.86539	
Sand	U.S. Well Services, LLC	Proppant	Crystalline Silica, quartz	14808-60-7	100.00000	10.68956	
HCL Acid (12.6%-18.0%)	U.S. Well Services, LLC	Bulk Acid	Water	7732-18-5	87.50000	0.16121	
			Hydrogen Chloride	7647-01-0	18.00000	0.03851	
LGC-15	U.S. Well Services	Gelling Agents	Guar Gum	9000-30-0	50.00000	0.06982	
			Petroleum Distillates	64742-47-8	60.00000	0.06612	
			Suspending agent (solid)	14808-60-7	3.00000	0.01068	
			Surfactant	68439-51-0	3.00000	0.00419	
WERA-405	U.S. Well Services	Friction Reducer	Water	7732-18-5	60.00000	0.03461	
			2-Propenoic acid, polymer with 2 propenamide	9003-06-9	30.00000	0.01731	
			Hydrated light distillate (petroleum)	64742-47-8	30.00000	0.01393	

			Ethoxylated alcohol blend	68002-97-1	4.00000	0.00231
SI-1100s	U.S. Well Services	Scale Inhibitor				
			Water	7732-18-5	80.00000	0.01047
			Copolymer of Maleic and Acrylic acid	52255-49-9	10.00000	0.00154
			Potassium salt of diethylene triamine penta (methylene phosphonic acid)	15827-60-8	7.50000	0.00133
			Phosphino carboxylic acid polymer	71050-62-9	5.00000	0.00085
			Hexamethylene triamine penta (methylene phosphonic acid)	34690-00-1	5.00000	0.00085
			Hexamethylene diamine penta (methylene phosphonic acid)	23605-74-5	2.00000	0.00034
BIOCLEAR 2000	U.S. Well Services	Anti-Bacterial Agent				
			2,2-dibromo-3-nitripropionamide	10222-01-2	30.00000	0.00620
			Deionized Water	7732-18-5	28.00000	0.00236
AP One	U.S. Well Services	Gel Breakers				
			Ammonium Persulfate	7727-54-0	100.00000	0.00202
AI-302	U.S. Well Services	Acid Corrosion Inhibitors				
			Water	7732-18-5	95.00000	0.00035
			2-Propyn-1-ol compound with methyloxirane	38172-91-7	15.00000	0.00006

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)

LATITUDE 39°20'00" 2,438'

2H BOTTOM HOLE 563' TO BOTTOM HOLE
LATITUDE 39°17'30"

853' TO BOTTOM HOLE
LONGITUDE 80°47'30"

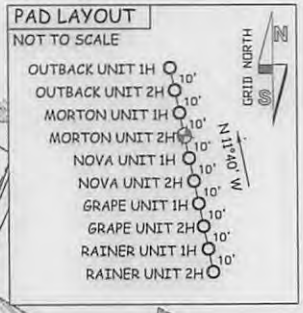
12,366'

LONGITUDE 80°47'30"

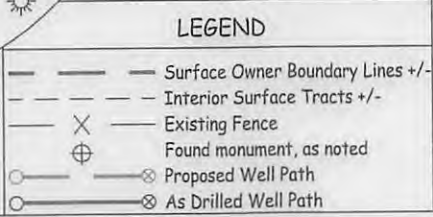
Antero Resources Corporation
Well No. Morton Unit 2H
47-017-06560 (AS DRILLED)

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 293,814ft E: 1,632,033ft
LAT: 39°17'57.77" LON: 80°48'01.02"
BOTTOM HOLE INFORMATION:
N: 290,124ft E: 1,633,855ft
LAT: 39°17'21.57" LON: 80°47'37.16"
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: 4,350,028m E: 517,236m
BOTTOM HOLE INFORMATION:
N: 4,348,914m E: 517,810m



- 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 ALLESHERRY 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.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

DATE 07/10/15
OPERATOR'S WELL# MORTON UNIT #2H
API WELL # 47 - 017 - 06560
STATE COUNTY PERMIT

JOB # 14-038WA
DRAWING # MORTON2HAD
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 X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,222' ORIGINAL - 1,189' AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE WEST UNION 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE
SURFACE OWNER COASTAL FOREST RESOURCES COMPANY ACREAGE 102 ACRES +/-
OIL & GAS ROYALTY OWNER ALICE H. MAXWELL ET AL.; JOHN B. EDWARDS ET UX; LEASE ACREAGE 420 ACRES +/-; 92 ACRES +/-; 301.19 ACRES +/-
WYSRA; J.M.L. SMITH 404 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 6,835' TVD 10,864' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

12/16/2016

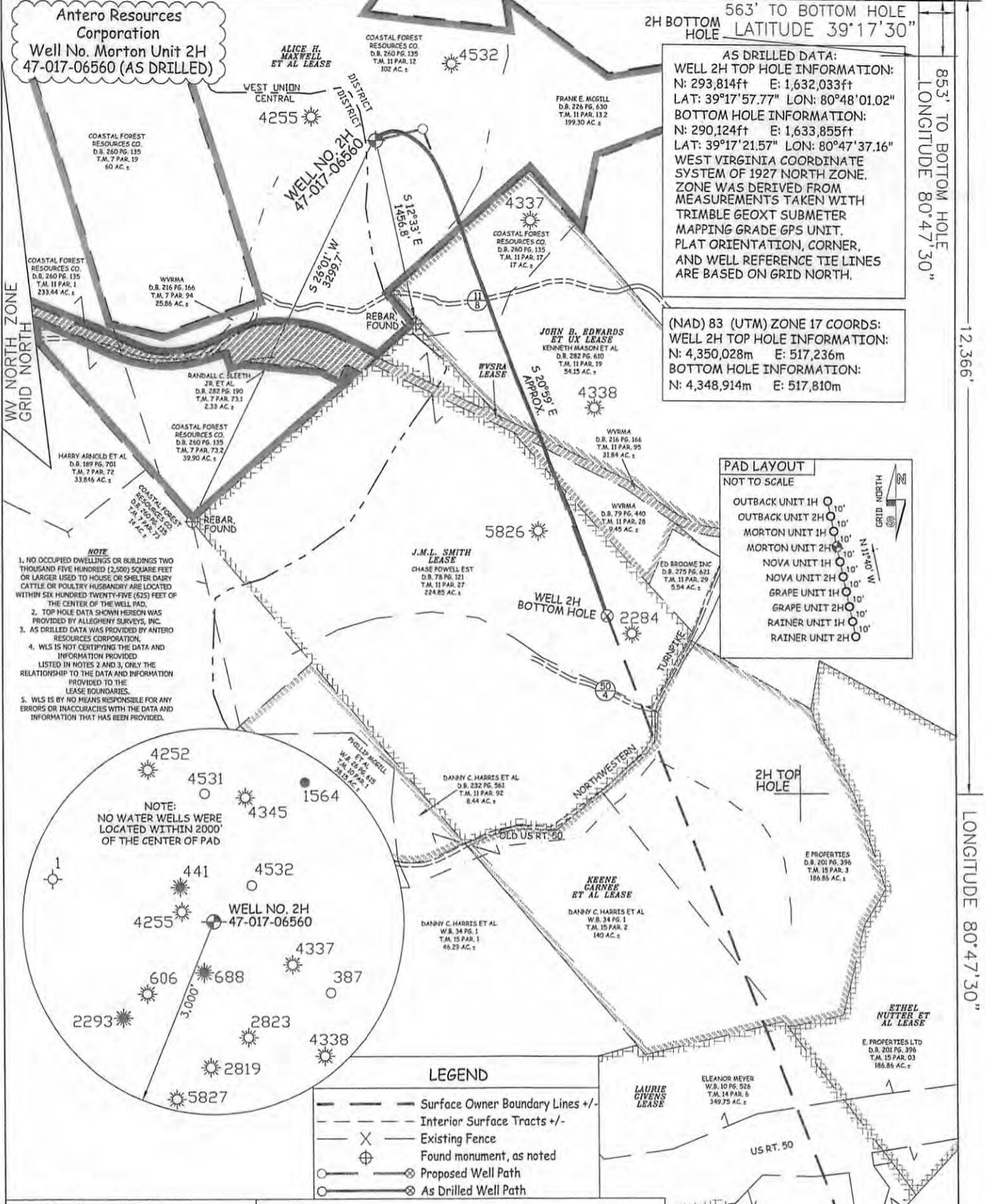
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2H BOTTOM HOLE LATITUDE 39°17'30"

853' TO BOTTOM HOLE
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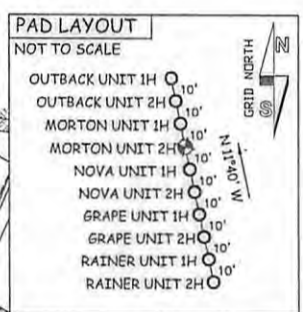
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LEGEND

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

JOB # 14-038WA
 DRAWING # MORTON2HAD
 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
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

DATE 07/10/15
 OPERATOR'S WELL# MORTON UNIT #2H
 API WELL # 47 - 017 - 06560
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1,222' ORIGINAL - 1,189' AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
 QUADRANGLE WEST UNION 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE
 SURFACE OWNER COASTAL FOREST RESOURCES COMPANY ACREAGE 102 ACRES +/-
 OIL & GAS ROYALTY OWNER ALICE H. MAXWELL ET AL; JOHN B. EDWARDS ET UX; LEASE ACREAGE 420 ACRES±; 92 ACRES±; 301.19 ACRES±; WVSRA; J.M.L. SMITH 404 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 6,835' TVD 10,864' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

12/16/2016