

*Antero is submitting an "interim" Form WR-35 showing the well work that has been completed to date. This well has been drilled to TD, but is waiting on completion operations, which are currently deferred at this time. We will follow up with the "Final" Form WR-35 & WR-34 within 90 days of completion.

WR-35
Rev. 8/23/13

Page ___ of ___

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

API 47-017-06454 County Doddridge District Greenbrier
Quad New Milton 7.5' Pad Name Trent Pad Field/Pool Name ----
Farm name Trent, Clarence, Jr., et al Well Number Nestor 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 4340089m Easting 532028m
Landing Point of Curve Northing 4340461.19m Easting 532285.43
Bottom Hole Northing 4343309m Easting 531369m

Elevation (ft) 1409' 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

Permit has expired

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 2/21/2014 Date drilling commenced 3/30/2014 Date drilling ceased 11/9/2014
Date completion activities began WOC Date completion activities ceased WOC
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 77', 112' 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

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APPROVED

NAME: Jackie Thornton
DATE: 11/22/16

API 47-017 - 06454

Farm name Trent, Clarence, Jr., et al

Well number Nestor 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	30"	20"	40'	New	133#/J-55	N/A	Y
Surface	17-1/2"	13-3/8"	366'	New	48#/H-40	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2499'	New	36#/J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	17865'	New	23#/P-110	N/A	Y
Tubing							
Packer type and depth set		N/A					

Comment Details Fish left in hole: 6 jts of 5" S-135 Drill Pipe; top of fish at 17865'; measured 275' in length.

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	433 sx	15.6	1.18	254	0'	8 Hrs.
Coal							
Intermediate 1	Class A	976 sx	15.6	1.18	783	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	1234 sx (Lead) 1806 sx (Tail)	14.5 (Lead), 15.2 (Tail)	1.3 (Lead), 1.86 (Tail)	3635	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 18140' MD, 7475' TVD (BHL)

Loggers TD (ft) 16528' MD

Deepest formation penetrated Marcellus

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 7228'

**Logs will be submitted with FINAL Completion Report.

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 N/A - WOC

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS N/A - WOC

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED N/A - WOC

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API 47-017 - 06454 Farm name Trent, Clarence, Jr., et al Well number Nestor Unit 1H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
WELL IS WAITING ON COMPLETION					
Information will be updated on FINAL WR-35 once completed					

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)
WELL IS WAITING ON COMPLETION								
Information will be updated on FINAL WR-35 once completed								

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Please insert additional pages as applicable.

WV Department of Environmental Protection

API 47- 017 - 06454

Farm name Trent, Clarence, Jr., et al

Well number Nestor Unit 1H

PRODUCING FORMATION(S)

DEPTHS

<u>Marcellus</u>	<u>7383' (TOP)</u>	<u>TVD</u>	<u>7785' (TOP)</u>	<u>MD</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

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

OPEN FLOW Gas mcfpd Oil bpd NGL bpd Water 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	
	<u>0</u>		<u>0</u>		

***PLEASE SEE EXHIBIT 3**

Please insert additional pages as applicable.

Drilling Contractor Precision Drilling Company, LP
 Address 2640 Reach Road City Williamsport State PA Zip 17701

Logging Company
 Address City State Zip

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

Stimulating Company
 Address City State Zip

Please insert additional pages as applicable.

Completed by Kara Quackenbush Telephone 303-357-7233
 Signature *Kara Quackenbush* Title Permitting Agent Date 1/7/2016

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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	77'	N/A	77'	N/A
Fresh Water	112'	N/A	112'	N/A
Sandstone	0	77	0	77
Shale	est. 77	632	est. 77	632
Sandstone	est. 632	697	est. 632	697
Shale and Limestone	est. 697	877	est. 697	877
Sandstone	est. 877	907	est. 877	907
Shale	est. 907	1037	est. 907	1037
Sandstone and Coal	est. 1037	1087	est. 1037	1087
Shale	est. 1087	1237	est. 1087	1237
Sandstone	est. 1237	1267	est. 1237	1267
Shale	est. 1267	1767	est. 1267	1767
Sandstone	est. 1767	1897	est. 1767	1897
Shale	est. 1897	1957	est. 1897	1957
Sandstone and Coal	est. 1957	1987	est. 1957	1987
Shale	est. 1987	2077	est. 1987	2077
Sandstone	est. 2077	2147	est. 2077	2147
Shale	est. 2147	2395	est. 2147	2395
Big Lime	2395	2564	2395	2564
Big Injun	2564	2792	2564	2792
Gantz Sand	2792	3004	2792	3004
Fifty Foot Sandstone	3004	3187	3004	3187
Gordon	3187	3536	3187	3536
Fifth Sandstone	3536	3612	3536	3612
Bayard	3612	3828	3612	3828
Warren	3828	4146	3828	4146
Speechley	4146	4346	4146	4346
Baltown	4346	7865	4346	4872
Bradford	7865	5345	4872	5367
Benson	5345	5606	5367	5655
Alexander	5606	5845	5655	5925
Elk	5845	6365	5925	6507
Rhinestreet	6365	6903	6507	7103
Sycamore	6903	7074	7103	7295
Middlesex	7074	7228	7295	7483
Burkett	7228	7257	7483	7524
Tully	7257	7383	7524	7785
Marcellus	7383	N/A	7785	N/A

*Please note Antero determines formation tops based on mud logs that are only run on one well on a well pad. The measured depth (MD) data on subsequent wells may be slightly different due to the well's unique geology.

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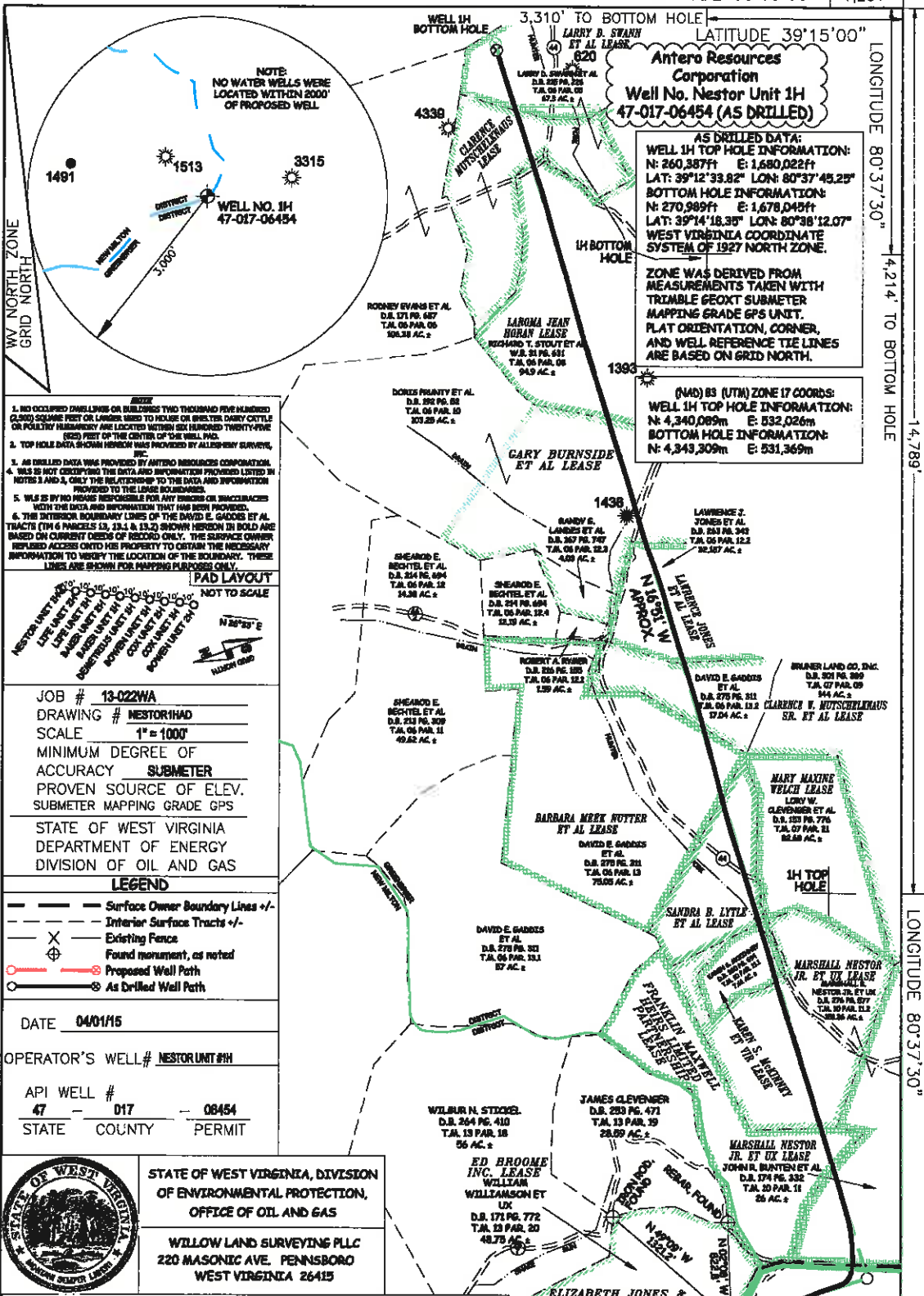
LATITUDE 39°15'00"

LONGITUDE 80°37'30"

4,214' TO BOTTOM HOLE

14,789'

LONGITUDE 80°37'30"



NOTE:
NO WATER WELLS WERE LOCATED WITHIN 3000' OF PROPOSED WELL

WV NORTH ZONE GRID NORTH

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 260,387ft E: 1,680,022ft
LAT: 39°12'33.82" LON: 80°37'45.25"
BOTTOM HOLE INFORMATION:
N: 270,989ft E: 1,678,045ft
LAT: 39°14'18.30" LON: 80°38'12.07"
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 1H TOP HOLE INFORMATION:
N: 4,340,089m E: 532,026m
BOTTOM HOLE INFORMATION:
N: 4,343,309m E: 531,369m

PAD LAYOUT
NOT TO SCALE
N 80°30' E
W 100°00' E
S 80°30' W
E 100°00' W
N 50°00' E
S 50°00' W
E 50°00' W
W 50°00' E

NOTES:

- NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER WERE TO INCLUDE ON WHETHER DAIRY CATTLE OR POLLEY BARRIERS ARE LOCATED WITHIN 200 FEET (TWENTY-FIVE (25) FEET OF THE CENTER OF THE WELL PAD.
- TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYING, INC.
- AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
- WLS IS NOT GUARANTEEING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 1 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LESSEE BOUNDARIES.
- WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES HEREIN AND THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.
- THE INTERIOR BOUNDARY LINES OF THE DAVID E. GADDIS ET AL TRACTS (19 6 PARCELS 13, 23.1 & 13.2) SHOWN HEREON IN BOLD ARE BASED ON CURRENT DEEDS OF RECORD ONLY. THE SURFACE OWNER IMPLIED ACCESS ONTO HIS PROPERTY TO OBTAIN THE NECESSARY INFORMATION TO VERIFY THE LOCATION OF THE BOUNDARY. THESE LINES ARE SHOWN FOR MAPPING PURPOSES ONLY.

JOB # 13-022WA
DRAWING # NESTOR1HAD
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

LEGEND

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

DATE 04/01/15

OPERATOR'S WELL # NESTOR UNIT #1H

API WELL # 47 D17 08454
STATE COUNTY PERMIT



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

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,420' ORIGINAL - 1,400' AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE NEW MILTON 7.8 DISTRICT GREENBRIER COUNTY DODDRIEGE

SURFACE OWNER CLARENCE TRENT, JR. ET AL ACREAGE 165 ACRES +/-

OIL & GAS ROYALTY OWNER ELIZABETH JONES & RICHARD JONES LEASE MARSHALL NESTOR JR. ET AL LEASE JOHN R. BUNTON ET AL

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 7,475' TO 18,140' MDV

WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMBER
ADDRESS 1815 WYNKOOP STREET ADDRESS 6400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 26313

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