

LATITUDE 39°20'00"

6,825'

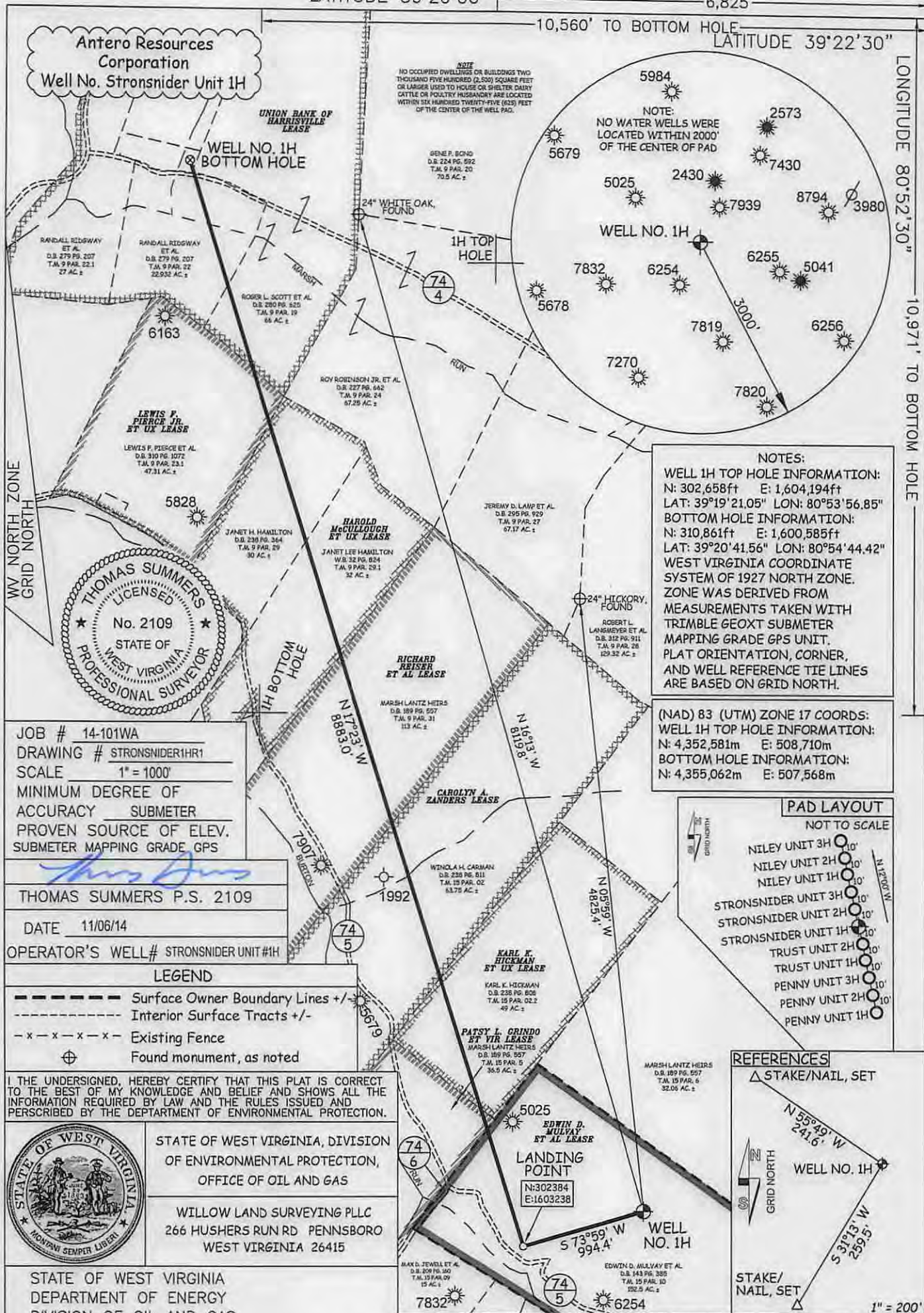
10,560' TO BOTTOM HOLE

LATITUDE 39°22'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

10,971' TO BOTTOM HOLE



Antero Resources Corporation
Well No. Stronsnider Unit 1H

UNION BANK OF HARRISVILLE LEASE

WELL NO. 1H BOTTOM HOLE

NOTE:
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.

GENE F. BOND
D.B. 224 PG. 592
T.M. 9 PAR. 20
70.5 AC ±

24" WHITE OAK, FOUND

1H TOP HOLE

74
4

WELL NO. 1H

7832

6254

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7270

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RANDALL SIDWAY ET AL
D.B. 279 PG. 207
T.M. 9 PAR. 22.1
27 AC ±

RANDALL SIDWAY ET AL
D.B. 279 PG. 207
T.M. 9 PAR. 22
28.93 AC ±

ROGER L. SCOTT ET AL
D.B. 280 PG. 623
T.M. 9 PAR. 19
66 AC ±

ROY ROYNDSON JR. ET AL
D.B. 227 PG. 642
T.M. 9 PAR. 24
67.29 AC ±

LEWIS F. PIERCE JR. ET UX LEASE
LEWIS F. PIERCE ET AL
D.B. 310 PG. 1072
T.M. 9 PAR. 23.1
47.31 AC ±

5828

JANET H. HAMILTON
D.B. 230 PG. 36.4
T.M. 9 PAR. 29
30 AC ±

HAROLD McCULLOUGH ET UX LEASE
JANET LEE HAMILTON
D.B. 32 PG. 924
T.M. 9 PAR. 29.1
32 AC ±

JEREMY D. LAW ET AL
D.B. 295 PG. 929
T.M. 9 PAR. 27
67.17 AC ±

24" HICKORY, FOUND

ROBERT L. LANGMEYER ET AL
D.B. 312 PG. 911
T.M. 9 PAR. 28
69.32 AC ±

RICHARD REISER ET AL LEASE
MARSH LANTZ HEIRS
D.B. 189 PG. 557
T.M. 9 PAR. 31
113 AC ±

WENOLA H. CARMAN
D.B. 236 PG. 611
T.M. 15 PAR. 02
63.75 AC ±

CAROLYN A. ZANDERS LEASE
KARL K. HICKMAN ET UX LEASE
D.B. 238 PG. 606
T.M. 15 PAR. 02.2
49 AC ±

PATSY L. GRINDO ET VIR LEASE
MARSH LANTZ HEIRS
D.B. 189 PG. 557
T.M. 15 PAR. 5
36.5 AC ±

KARL K. HICKMAN ET UX LEASE
D.B. 238 PG. 606
T.M. 15 PAR. 02.2
49 AC ±

EDWIN D. MULVAY ET AL LEASE
D.B. 143 PG. 385
T.M. 15 PAR. 10
282.5 AC ±

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282.5 AC ±

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D.B. 143 PG. 385
T.M. 15 PAR. 10
282.5 AC ±

JOB # 14-101WA
DRAWING # STRONSNIIDER1H1
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

THOMAS SUMMERS P.S. 2109

DATE 11/06/14

OPERATOR'S WELL# STRONSNIIDER UNIT #1H

LEGEND
- - - - - Surface Owner Boundary Lines +/-
- - - - - Interior Surface Tracts +/-
- x - x - x - Existing Fence
⊕ Found monument, as noted

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

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 1,029' WATERSHED BURTON RUN
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER EDWIN D. MULVAY ET AL ACREAGE 152.5 ACRES +/-

OIL & GAS ROYALTY OWNER EDWIN DELMAR MULVAY ET AL; PATSY L. GRINDO ET VIR; KARL K. HICKMAN ET UX; LEASE ACREAGE 152 AC±; 36.5 AC±; 49.119 AC±

CAROLYN A. ZANDERS; RICHARD REISER ET AL; HAROLD McCULLOUGH ET UX; LEWIS F. PIERCE JR. ET UX; UNION BANK OF HARRISVILLE 124 AC±; 113 AC±; 120 AC±; 50 AC±; 148.5 AC±

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___ PLUG & ABANDON CLEAN OUT & REPLUG

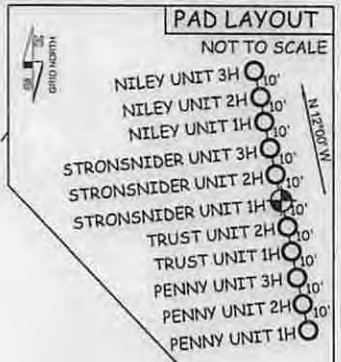
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 16,000' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM

FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

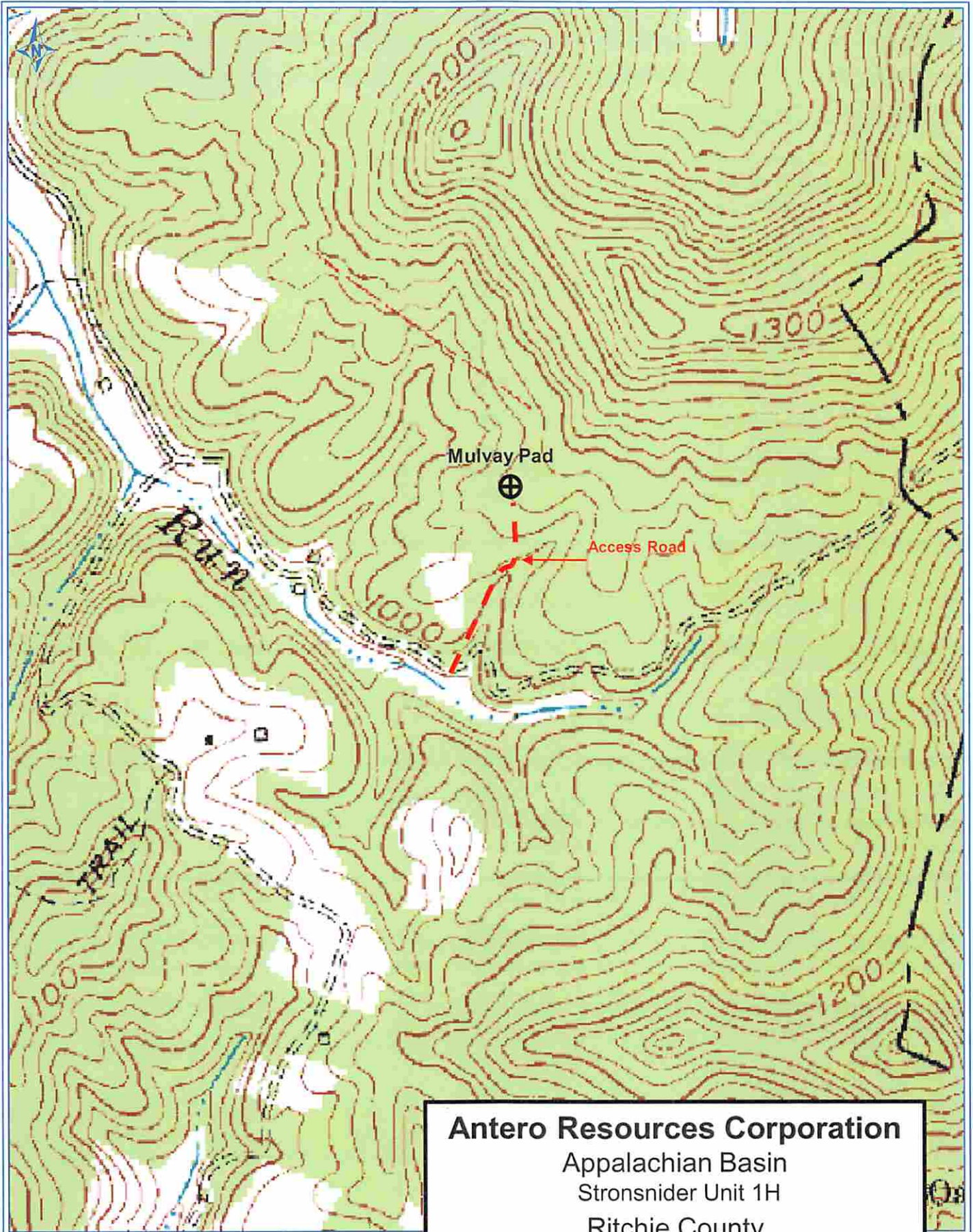
NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 302,658ft E: 1,604,194ft
LAT: 39°19'21.05" LON: 80°53'56.85"
BOTTOM HOLE INFORMATION:
N: 310,861ft E: 1,600,585ft
LAT: 39°20'41.56" LON: 80°54'44.42"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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: 4,352,581m E: 508,710m
BOTTOM HOLE INFORMATION:
N: 4,355,062m E: 507,568m



API WELL # 47 - 085 - 1020146A
STATE COUNTY PERMIT

COUNTY NAME PERMIT
03/27/2015



PETRA 12/4/2014 10:06:00 AM

Received
Office of Oil & Gas

JAN 21 2015

Antero Resources Corporation
 Appalachian Basin
 Stronsider Unit 1H
 Ritchie County

Quadrangle: Pennsboro
 Watershed: North Fork Hughes River
 District: Clay
 Date: 12-4-2014