

LATITUDE 39°22'30"

10,055'

LATITUDE 39°25'00"

2,655' TO BOTTOM HOLE

3,698'

8,834' TO BOTTOM HOLE

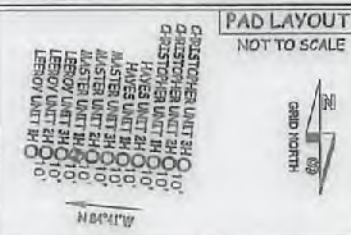
LONGITUDE 80°52'30"

LONGITUDE 80°55'00"

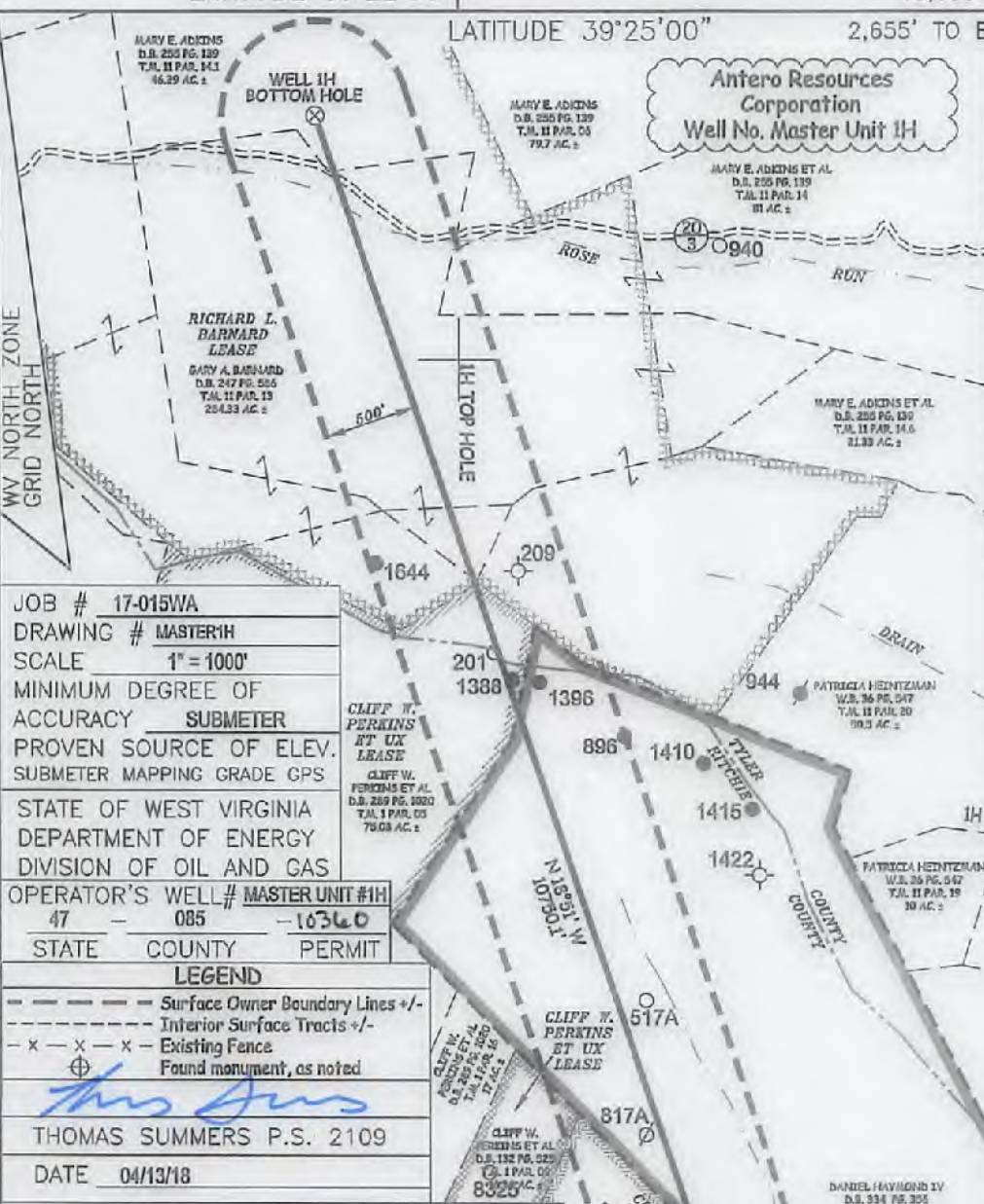
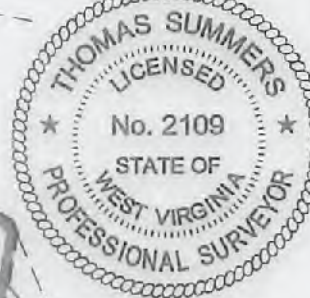
Antero Resources Corporation Well No. Master Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 318,126ft E: 1,601,200ft
 LAT: 39°21'53.45" LON: 80°54'38.03"
BOTTOM HOLE INFORMATION:
 N: 328,233ft E: 1,596,979ft
 LAT: 39°23'32.68" LON: 80°55'33.82"
 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: 4,357,278m E: 507,719m
BOTTOM HOLE INFORMATION:
 N: 4,360,336m E: 506,382m



(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
 N: 14,294,789ft E: 1,665,694ft
POINT OF ENTRY INFORMATION:
 N: 14,294,644ft E: 1,664,967ft
BOTTOM HOLE INFORMATION:
 N: 14,304,821ft E: 1,661,306ft

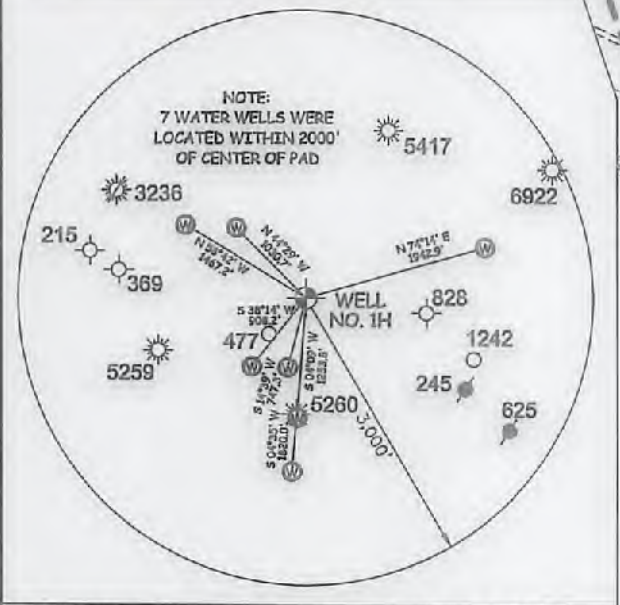


JOB # 17-015WA
 DRAWING # MASTER 1H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 OPERATOR'S WELL # MASTER UNIT #1H
 47 - 085 - 10360
 STATE COUNTY PERMIT

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

THOMAS SUMMERS P.S. 2109
 DATE 04/13/18



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
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 974'-ORIGINAL 970'-PROPOSED WATERSHED NORTH FORK HUGHES RIVER
 QUADRANGLE PENNSBORO 7.5 (TH) - MIDDLEBURNE 7.5 (BH) DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER DANIEL M. HAYMOND IV ET AL ACREAGE 111.48 ACRES +/-
 OIL & GAS ROYALTY OWNER IRENE NUTTER HAYMOND TRUST; GARY R. DAVIS ET UX; LEASE ACREAGE 375 AC±; 10.25 AC±
 DAVID L. WEEKLY REV. TRUST; CLIFF W. PERKINS ET UX; CLIFF W. PERKINS ET UX; RICHARD L. BARNARD 229 AC±; 26.16 AC±; 75.08 AC±; 284 AC±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG
 WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 6,800' TVD 18,800' MD
 ADDRESS 1615 WYNKOOP ST. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

06/29/2018

Antero Resources Corporation
Appalachian Basin
Master Unit 1H
Ritchie County

Quadrangle: Middlebourne
Watershed: North Fork Hughes River
District: Clay
Date: 2-1-2017

RECEIVED
Office of Oil and Gas
APR 23 2018
WV Department of
Environment

