

LATITUDE 39°20'00"

6,673'

4,134' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUDE 80°40'00" 10,468' TO BOTTOM HOLE
LONGITUDE 80°40'00"

Antero Resources Corporation
Well No. McCue Unit 1H
47-017-06655 (AS DRILLED)

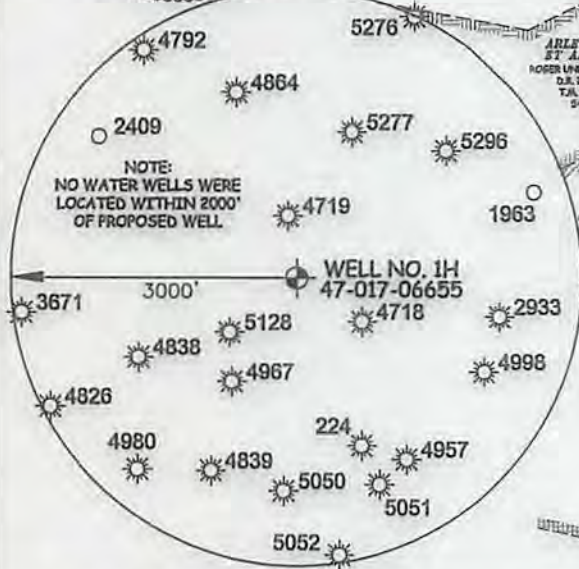
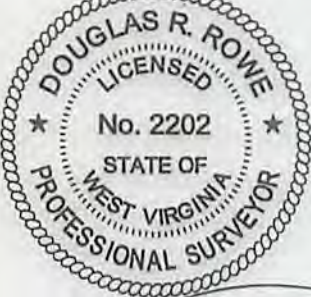
AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 302,384ft E: 1,663,287ft
LAT: 39°19'26.75" LON: 80°41'24.91"
BOTTOM HOLE INFORMATION:
N: 295,246ft E: 1,665,734ft
LAT: 39°18'16.53" LON: 80°40'52.59"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,352,798m E: 526,714m
BOTTOM HOLE INFORMATION:
N: 4,350,636m E: 527,496m

11/10/2017

WV NORTH ZONE
GRID NORTH

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 ALLEGHENY 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.



PAD LAYOUT
NOT TO SCALE

JOB # 13-078WA
DRAWING # MCCUEUNIT1HADR
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 1,378' AS-DRILLED WATERSHED HEADWATERS OF MIDDLE ISLAND CREEK
QUADRANGLE SMITHBURG 7.5 DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER LARRY WILLIAMS ET AL ACREAGE 25.49 ACRES +/-
OIL & GAS ROYALTY OWNER LARRY G. WILLIAMS; MT. SALEM REVIVAL GROUNDS INC.; LOIS MCCARDLE BERRINGER; LEASE ACREAGE 35.11 ACRES ±; 83 ACRES ±; 67.5 ACRES ±;
JAMES P. JONES, JR.; CLARENCE MUTSCHELKNAUS; DEPI; DOMINION TRANSMISSION INC. 141 AC. ±; 57 AC. ±; 51 AC. ±; 46 AC. ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,210' TVD 14,817' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

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

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

DOUGLAS R. ROWE P.S. 2202
DATE 09/06/17
OPERATOR'S WELL # MCCUE UNIT #1H
API WELL # 47 - 017 - 06655

STATE COUNTY PERMIT
STATE COUNTY PERMIT

COUNTY NAME

PERMIT