

LATITUDE 39°27'30"

11,308'

LATITUDE 39°27'30"

859' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Seckman Unit 3H
47-095-02286 (AS DRILLED)

AS DRILLED NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 339,041ft E: 1,612,040ft
 LAT: 39°25'21.82" LON: 80°52'24.10"
BOTTOM HOLE INFORMATION:
 N: 349,096ft E: 1,610,872ft
 LAT: 39°27'01.01" LON: 80°52'40.95"
 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.

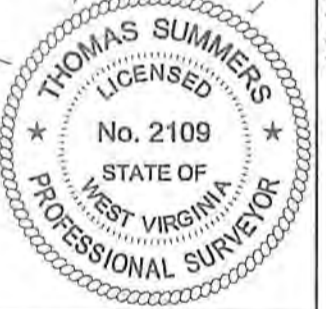
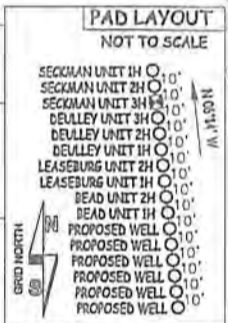
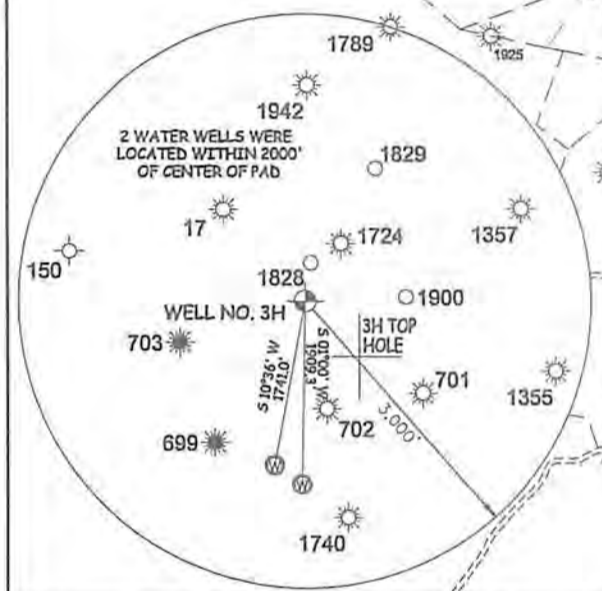
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
 N: 4,363,705m E: 510,915m
BOTTOM HOLE INFORMATION:
 N: 4,366,763m E: 510,508m

WV NORTH ZONE GRID NORTH

2,933' TO BOTTOM HOLE LONGITUDE 80°52'30"

12,969'

LONGITUDE 80°50'00"



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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

JOB # 14-026WA
 DRAWING # SECKMAN3HAD
 SCALE 1" = 2000'
 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 +/-
- Found monument, as noted
- Proposed Well Path
- As Drilled Well Path

THOMAS SUMMERS P.S. 2109
 DATE 12/13/17
 OPERATOR'S WELL# SECKMAN UNIT #3H

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.
- TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
- AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
- 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.
- WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR DISCREPANCIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02286
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW STATE COUNTY PERMIT
 LOCATION: ELEVATION 1,044' - AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK 03/02/2018
 QUADRANGLE SHIRLEY 7.5' - TOP HOLE MIDDLEBOURNE 7.5' - BOTTOM HOLE DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER EDNA MONROE ACREAGE 87 ACRES +/-
 OIL & GAS ROYALTY OWNER CARL BAKER, FORREST E. LEASEBURG ET UX, W.V.D.N.R., NORMAN FLEMING ET UX, RAYMOND V. UNDERWOOD ET UX. LEASE ACREAGE 87 AC. +/- 78 AC. +/- 244.25 AC. +/- 23.69 AC. +/- 76.5 AC. +/-
 RAYMOND V. UNDERWOOD ET UX, VIRGINIA R. WOLFE, CATHY JO ASH, REGINA M. BUCK, ARNOLD L. SCHULBERG, TRUMAN A. BURCH III ET UX, JANICE B. WHITE, MARK D. FLETCHER 18 AC. +/- 178 AC. +/- 315.25 AC. +/- 485 AC. +/- 7.81 AC. +/- 11,025 AC. +/- 65 AC. +/- 87.59 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
 TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG
 WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 6,507' TVD 16,860' MD
 ADDRESS 1615 WYNKOOP ST. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313