

LATITUDE 39°22'30" 1,644'

3,518' TO BOTTOM HOLE

LATITUDE 39°25'00"

2,560'

LONGITUDE 80°57'30"

LONGITUDE 80°57'30"

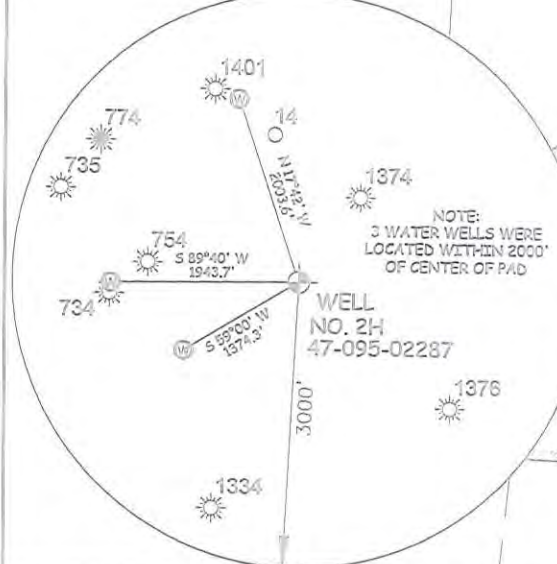
9,413' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Tinker Unit 2H
A.P.I. 47-095-02287



PAD LAYOUT NOT TO SCALE

- 10' EDWARDS UNIT 1H
- 10' MARKLE UNIT 1H
- 10' EDWARDS UNIT 3H
- 10' MARKLE UNIT 2H
- 10' EDWARDS UNIT 2H
- 10' MARKLE UNIT 3H
- 10' TINKER UNIT 3H
- 10' DILLON UNIT 2H
- 10' TINKER UNIT 2H
- 10' DILLON UNIT 3H
- 10' TINKER UNIT 1H
- 10' DILLON UNIT 1H



NOTE:
3 WATER WELLS WERE
LOCATED WITHIN 2000'
OF CENTER OF PAD

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.

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 319,506ft E: 1,586,071ft
LAT: 39°22'04.70" LON: 80°57'50.94"
BOTTOM HOLE INFORMATION:
N: 327,859ft E: 1,584,332ft
LAT: 39°23'26.97" LON: 80°58'14.81"

WEST VIRGINIA COORDINATE HOLE 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 2H TOP HOLE INFORMATION:
N: 4,357,622m E: 503,103m
BOTTOM HOLE INFORMATION:
N: 4,360,157m E: 502,531m

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

JOB # 15-031WA
DRAWING # TINKER2HAD
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 +/-
○ Proposed Well Path
⊗ As Drilled Well Path

THOMAS SUMMERS P.S. 2109
DATE 08/01/18
OPERATOR'S WELL# TINKER UNIT #2H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,147' AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK STATE COUNTY PERMIT

QUADRANGLE PENNSBORO 7.5' - SHL MIDDLEBOURNE 7.5' - BHL DISTRICT MEADE COUNTY TYLER

SURFACE OWNER RITCHIE PETROLEUM INC. ACREAGE 30.92 ACRES +/-

OIL & GAS ROYALTY OWNER ASHFORD BROADWATER; TERRY L. SNIDER; ROBERT A. LOWTHER; CARLA WARNER TINKER; BERYLE GARNETT MAYFIELD LEASE ACREAGE 583.712 ACRES:: 67 ACRES:: 250 ACRES:: 25.125 ACES:: 155.33 ACRES::

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 6,445' TVD 15,391' MD

ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313