

LATITUDE 39°20'00"

6,560'

11,178' TO BOTTOM HOLE

LATITUDE 39°20'00"

126' TO BOTTOM HOLE
LONGITUDE 80°47'30"

10,387'

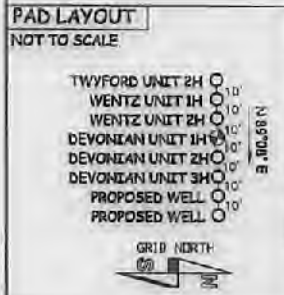
LONGITUDE 80°47'30"

Antero Resources Corporation
Well No. Devonian Unit 1H
47-017-06718 (AS DRILLED)

NOTE:
1 WATER WELL WAS
LOCATED WITHIN 2000'
OF THE CENTER OF PAD

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 295,873ft E: 1,627,940ft
LAT: 39°18'17.54" LON: 80°48'53.45"
BOTTOM HOLE INFORMATION:
N: 306,181ft E: 1,623,470ft
LAT: 39°19'58.75" LON: 80°49'52.26"
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: 4,350,635m E: 515,978m
BOTTOM HOLE INFORMATION:
N: 4,353,752m E: 514,564m



- NOTE: 1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER 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 1 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.



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 # 15-003WA
DRAWING # DEVONIANHAD
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 +/-
⊕	Found monument, as noted
○	Proposed Well Path
⊗	As Drilled Well Path

DATE 01/08/15
OPERATOR'S WELL# DEVONIAN UNIT #1H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,181' ORIGINAL-1,171' AS-DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE STATE STATE COUNTY PERMIT
SURFACE OWNER GEORGE D. LAMBERT ACREAGE 37.51 ACRES +/-
OIL & GAS ROYALTY OWNER FLORA SWEENEY ET AL; G.W. PIGGOTT ET UX; JONATHAN DAVIS ET AL; NANCY HELLER ET VIR. LEASE ACREAGE 103 ACRES +/- 124.5 ACRES +/- 52 ACRES +/- 69 ACRES +/-
GLADYS VIRGINIA HILEY NELSON; EUGENE V. CHIPPS, JR.; CARL JAMES; JAMES DOWK ET UX; ILA M. POWELL; DOUG JAMES; MARGARET MILLER; DOROTHY A. PIGGOTT 68.55 ACRES +/- 120 ACRES +/- 30 ACRES +/- 30 ACRES +/- 59 ACRES +/- 30.1 ACRES +/- 17.5 ACRES +/- 46 ACRES +/-
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) (X) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,708' TVD 17,961' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1815 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

09/15/2017