

LATITUDE 39°22'30"

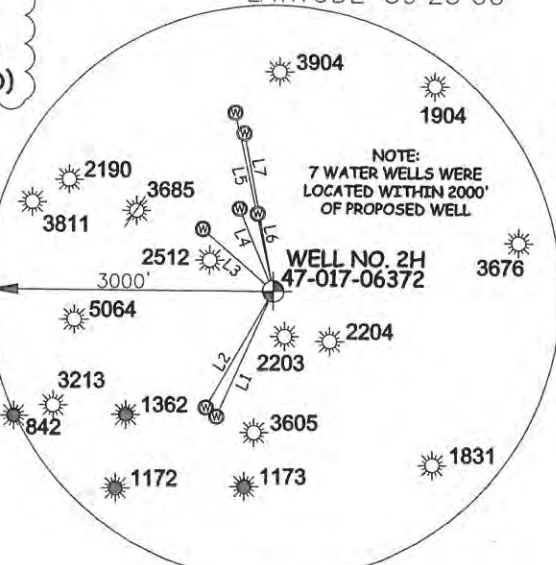
6,956'

10,595' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°42'30" 9,888' TO BOTTOM HOLE
LONGITUDE 80°42'30"

Antero Resources Corporation
Well No. Gibson Unit 2H
47-017-06372 (AS DRILLED)



AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 317,692ft E: 1,651,421ft
LAT: 39°21'56.47" LON: 80°43'58.57"
BOTTOM HOLE INFORMATION:
N: 326,422ft E: 1,647,899ft
LAT: 39°23'22.27" LON: 80°44'44.95"
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 2H TOP HOLE INFORMATION:
N: 4,357,402m E: 523,021m
BOTTOM HOLE INFORMATION:
N: 4,360,043m E: 521,904m

- NOTE**
- ONE OCCUPIED DWELLING AND NO 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 INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

LINE	BEARING	DISTANCE
L1	S 25°09' W	1406.1'
L2	S 30°58' W	1376.0'
L3	N 47°55' W	1001.0'
L4	N 22°12' W	952.3'
L5	N 12°09' W	1931.7'
L6	N 11°37' W	849.3'
L7	N 10°33' W	1700.2'

JOB # **12-138WA**
DRAWING # **GIBSON2HAD**
SCALE **1" = 1000'**
MINIMUM DEGREE OF ACCURACY **SUBMETER**
PROVEN SOURCE OF ELEV. **SUBMETER MAPPING GRADE GPS**

LEGEND

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

DATE **08/14/15**
OPERATOR'S WELL# **GIBSON UNIT #2H**

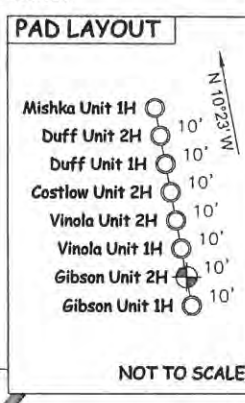


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
API WELL # **47 - 017 - 06372**
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION **1,004' ORIGINAL - 998' AS DRILLED** WATERSHED **MCELROY CREEK**
QUADRANGLE **SMITHBURG 7.5 (TH) CENTERPOINT 7.5 (BH)** DISTRICT **GRANT** COUNTY **DODDRIDGE**
SURFACE OWNER **ROBERT J. SMITH** ACREAGE **100 ACRES +/-**

RECEIVED
MAR 23 2016
WV GEOLOGICAL SURVEY
MORGANTOWN, WV

OIL & GAS ROYALTY OWNER **VINOLA BOSSALA; SILAS ASH; KENNETH HAMILTON ET AL; BEULAH CAYTON ET AL; FLINT OIL & GAS COMPANY ET AL; ARLEIGH DOTSON ET AL; DOMINION APPALACHIAN DEV. LLC.**
LEASE ACREAGE **120 ACRES±; 120 ACRES±; 80 ACRES±; 123.5 ACRES±; 70 ACRES±; 446.5 ACRES±; 167.29 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 **6,822' TVD 16,190' 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**



COUNTY NAME PERMIT