

LATITUDE 39°17'30"

4,408'

8,414' TO BOTTOM HOLE

LATITUDE 39°20'00"

LONGITUDE 80°50'00"

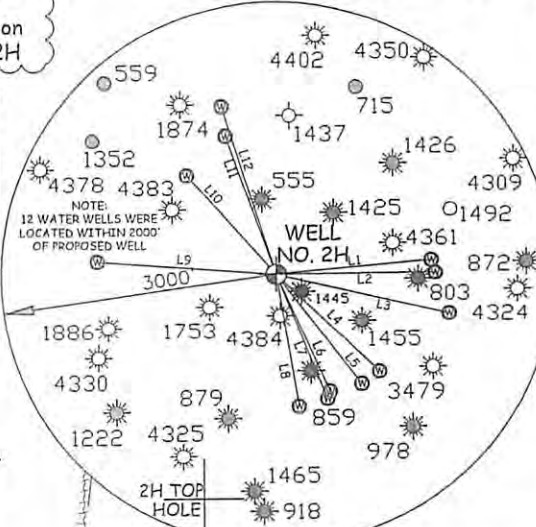
6.191'

13,784' TO BOTTOM HOLE

LONGITUDE 80°50'00"

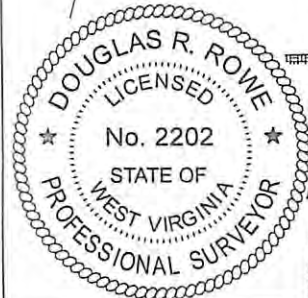
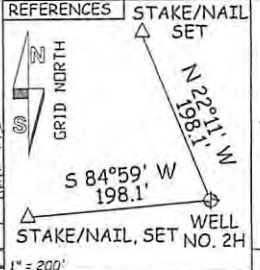
Antero Resources Appalachian Corporation Well No. Maple Unit 2H

LINE	BEARING	DISTANCE
L1	S 84°23' W	1580.9'
L2	S 89°09' W	1715.9'
L3	S 77°00' E	1917.8'
L4	S 45°56' E	1552.6'
L5	S 37°17' E	1527.1'
L6	S 24°15' E	1420.8'
L7	S 21°59' E	1454.3'
L8	S 09°39' E	1478.2'
L9	N 85°24' W	1949.8'
L10	N 40°52' W	1476.7'
L11	N 19°25' W	1639.8'
L12	N 17°27' W	1955.4'



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 285,017ft E: 1,618,139ft
 LAT: 39°16'28.81" LON: 80°50'56.05"
 BOTTOM HOLE INFORMATION:
 N: 292,659ft E: 1,614,246ft
 LAT: 39°17'43.76" LON: 80°51'47.03"
 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: 4,347,278m E: 513,048m
 BOTTOM HOLE INFORMATION:
 N: 4,349,586m E: 511,823m



JOB # 12-102WA
 DRAWING # MAPLE2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

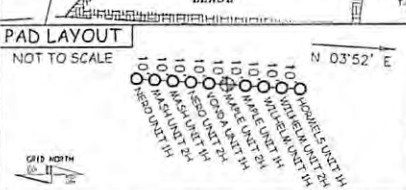
LEGEND
 - - - - - Surface Owner Boundary Lines +/-
 - - - - - Interior Surface Tracts +/-
 X Existing Fence
 Monument, Found As Specified

DOUGLAS R. ROWE P.S. 2202
 DATE 12/05/12
 OPERATOR'S WELL# MAPLEUNIT#2H
 API WELL # 47 - 017 -
 STATE COUNTY PERMIT

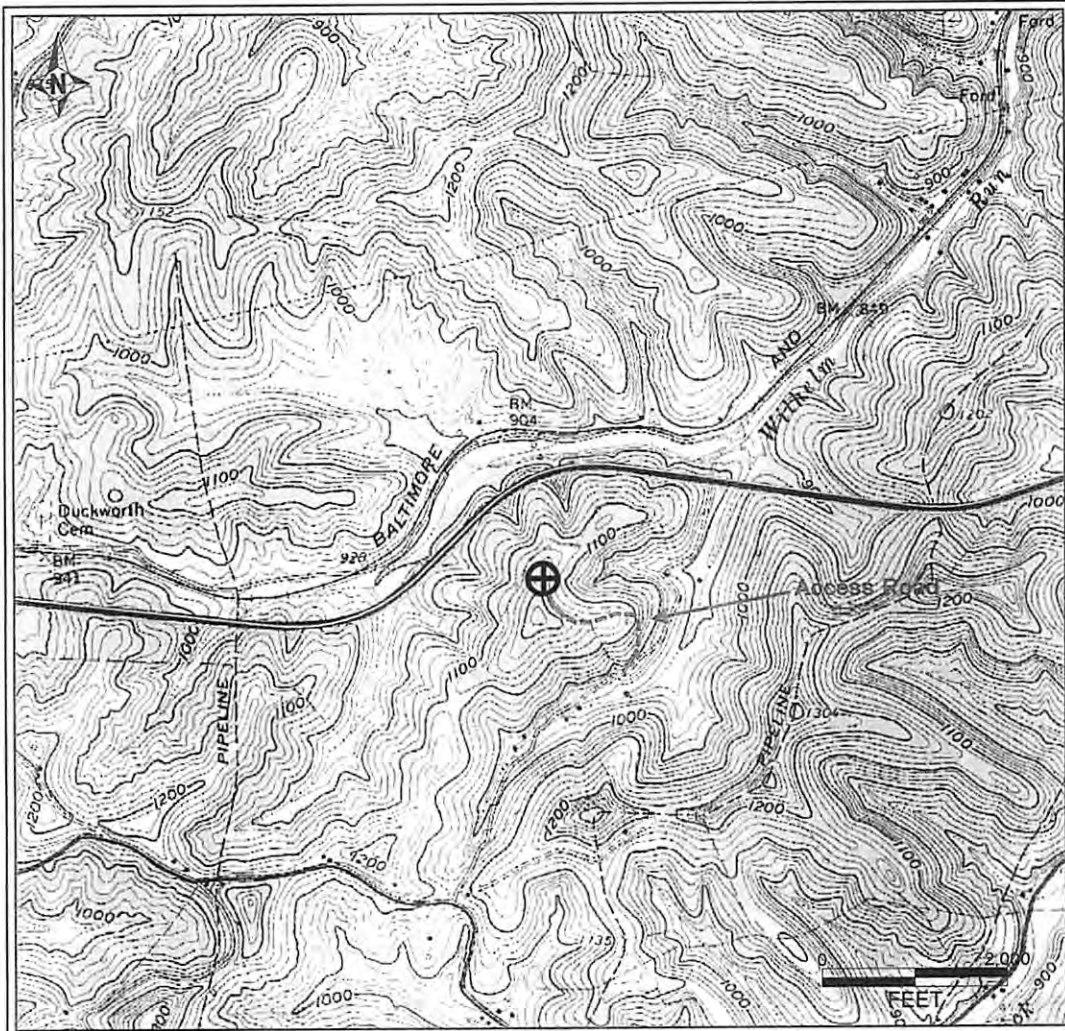
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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



STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,164' WATERSHED TRIBUTARY OF WILHELM RUN
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
 SURFACE OWNER MARY F. BROWN ACREAGE 49.43 ACRES +/-
 OIL & GAS ROYALTY OWNER MARY F. BROWN; PATRICK A. WRIGHT; WVSRA; LEASE ACREAGE 55.65 AC±; 222 AC±; 301.19 AC±;
 THELMA PRIMM ET AL.; FLOYD MCGILL JR. ET AL.; RICHARD F. MCCULLOUGH; ROBERT P. JACKSON; ROSALEE WILSON ET AL 76.04 AC±; 107 AC±; 72.83 AC±; 94 AC±; 100 AC±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ PLUG & ABANDON _____ CLEAN OUT & REPLUG _____
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 15,900' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT CT CORPORATION SYSTEM
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

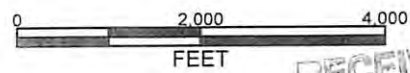


PETRA 11/29/2012 4 05 04 PM

Antero Resources Corporation

APPALACHIAN BASIN

Maple Unit 2H
Doddridge County



REMARKS
QUADRANGLE: WEST UNION
WATERSHED: TRIB. OF WILHELM RUN
DISTRICT: CENTRAL

Date: 11/29/2012

RECEIVED
Office of Oil & Gas
WV Department of
Environmental Protection