

LATITUDE 39°17'30"

4,407'

9,093' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUDE 80°50'00"

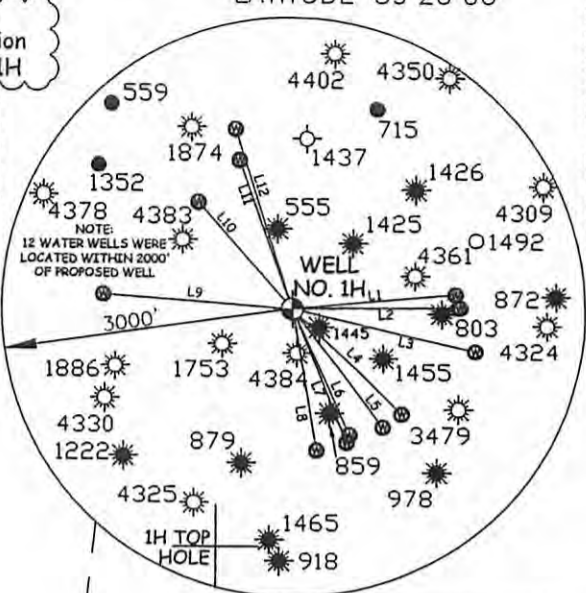
6,181'

13,894' TO BOTTOM HOLE

LONGITUDE 80°50'00"

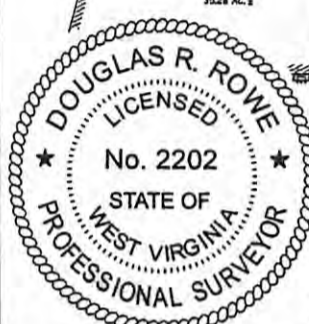
Antero Resources
Appalachian Corporation
Well No. Maple Unit 1H

LINE	BEARING	DISTANCE
L1	N 84°43' E	1679.3'
L2	N 89°29' E	1715.1'
L3	S 76°43' E	1919.4'
L4	S 45°39' E	1559.1'
L5	S 37°02' E	1534.6'
L6	S 24°03' E	1429.7'
L7	S 21°49' E	1493.3'
L8	S 09°34' E	1467.9'
L9	N 85°41' W	1949.7'
L10	N 41°09' W	1489.7'
L11	N 19°34' W	1630.7'
L12	N 17°34' W	1946.0'



NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 285,027ft E: 1,618,140ft
LAT: 39°16'28.91" LON: 80°50'56.04"
BOTTOM HOLE INFORMATION:
N: 292,560ft E: 1,613,566ft
LAT: 39°17'42.67" LON: 80°51'55.66"
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: 4,347,281m E: 513,048m
BOTTOM HOLE INFORMATION:
N: 4,349,552m E: 511,616m



JOB # 12-102WA
DRAWING # MAPLE1H
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, As specified

DOUGLAS R. ROWE P.S. 2202

DATE 12/05/12

OPERATOR'S WELL# MAPLEUNIT 1H

API WELL # 47 - 017 - 06178

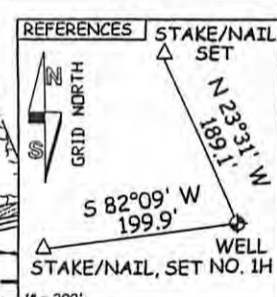
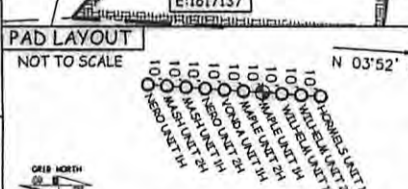
STATE COUNTY PERMIT

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



CANCELLED

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; WWSR; THELMA PRIMM ET AL; LEASE ACREAGE 55.55 AC±; 222 AC±; 301.19 AC±; 76.04 ACRES±;
JOSEPH L. TOWNER ET AL; FLOYD MCGILL, JR. ET AL; RICHARD F. MCCULLOUGH; FRANK MCGILL ET AL; ROSALEE WILSON ET AL 33 AC±; 107 AC±; 72.83 AC±; 106 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 16,100' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT

07/04/2014