

LATITUDE 39°15'00"

11,349'

6,768' TO BOTTOM HOLE

LATITUDE 39°15'00"

LONGITUDE 80°50'00"

4,170'

14,133' TO BOTTOM HOLE

LONGITUDE 80°50'00"

COUNTY NAME

PREMISE

Antero Resources Corporation
Well No. Mahogany Unit 2H

SHIRLEY J. WILLIAMS
W.B. 41 PG. 169
T.M. 12 PAR. 38
1.81 AC. ±

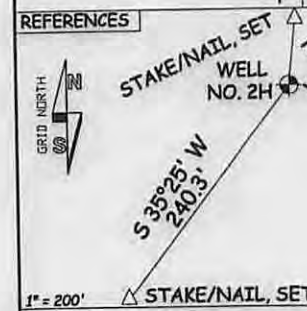
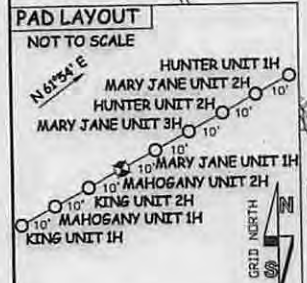
NOTE:
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR QUARTER DAIRY CATTLE OR POLYDROMIC HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

NOTE:
17 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD
WELL NO. 2H

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 271,969ft E: 1,611,003ft
LAT: 39°14'18.79" LON: 80°52'24.25"
BOTTOM HOLE INFORMATION:
N: 261,937ft E: 1,615,436ft
LAT: 39°12'40.31" LON: 80°51'25.99"
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: 4,343,266m E: 510,940m
BOTTOM HOLE INFORMATION:
N: 4,340,233m E: 512,342m



Table with 3 columns: LINE, BEARING, DISTANCE. Lists lines L1 through L17 with their respective bearings and distances.



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 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 # 14-095WA
DRAWING # MAHOGANY2HR1
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 +/-
X Existing Fence
Found monument, as noted
DOUGLAS R. ROWE P.S. 2202
DATE 11/18/14
OPERATOR'S WELL# MAHOGANY UNIT #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 991.4' WATERSHED CABIN RUN
QUADRANGLE OXFORD 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER JAMES E. WEBB ACREAGE 84.89 ACRES +/-
OIL & GAS ROYALTY OWNER CHARLEY WILSON ET UX; L.S. MCGEE ET AL; LEASE ACREAGE 91 ACRES +/-; 78 ACRES +/-
F.R. INGRAM ET AL; DENNIS POWELL; D.B. ADAMS ET UX; N.H. LEGGETT ET AL; LEONA BROADWATER 130 ACRES +/-; 44.36 ACRES +/-; 89 ACRES +/-; 140 ACRES +/-; 160 ACRES +/-
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,200' TVD 19,500' 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

03/27/2015



PETRA 11/24/2014 3:42:15 PM

Antero Resources Corporation

APPALACHIAN BASIN

Mahogany Unit 2H

Doddridge County, WV



REMARKS
QUADRANGLE: OXFORD
WATERSHED: CABIN RUN
DISTRICT: CENTRAL

November 24, 2014