

LATITUDE 39°27'30"

8,296'

192' TO BOTTOM HOLE  
LATITUDE 39°27'30"

LONGITUDE 80°52'30"

9,603'

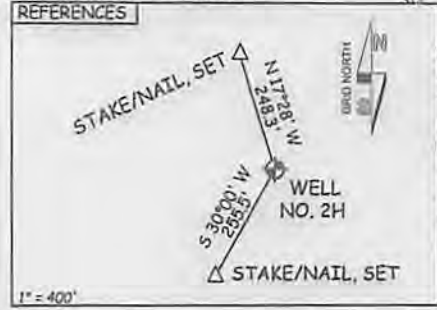
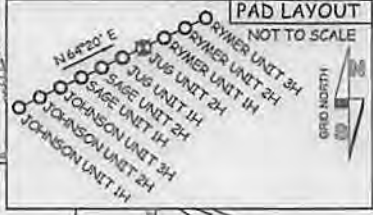
LONGITUDE 80°50'00"

Antero Resources Corporation  
Well No. Jug Unit 2H

THOMAS SUMMERS  
LICENSED  
No. 2109  
STATE OF WEST VIRGINIA  
PROFESSIONAL SURVEYOR

NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 342,363ft E: 1,615,102ft  
LAT: 39°25'55.11" LON: 80°51'45.73"  
BOTTOM HOLE INFORMATION:  
N: 350,892ft E: 1,611,566ft  
LAT: 39°27'18.86" LON: 80°52'32.45"  
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: 4,364,733m E: 511,831m  
BOTTOM HOLE INFORMATION:  
N: 4,367,313m E: 510,710m



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.

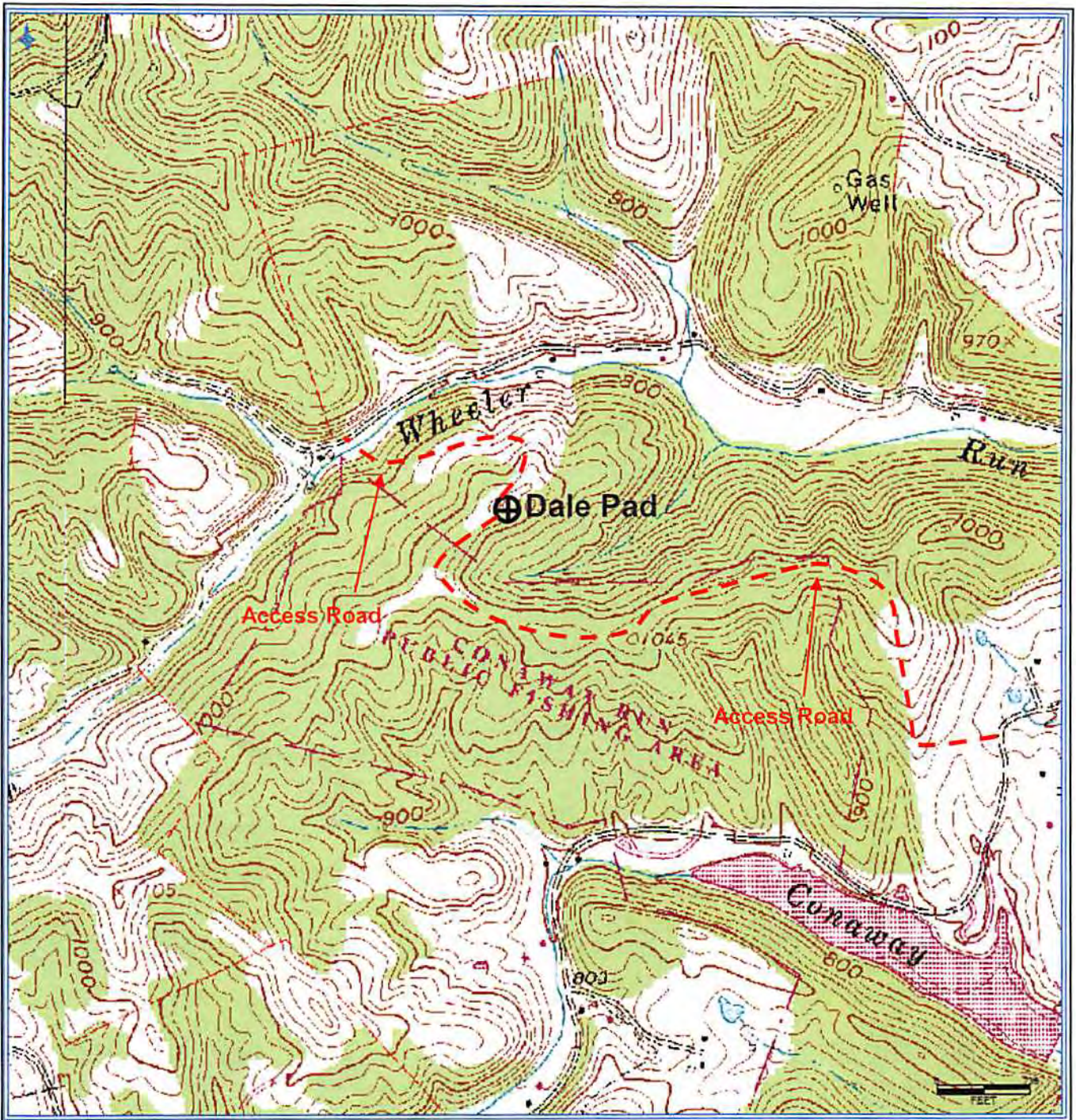


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 13-102WA  
DRAWING # JUG2H  
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  
THOMAS SUMMERS P.S. 2109  
DATE 03/05/14  
OPERATOR'S WELL# JUG UNIT #2H

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - 095 - 02.17/ COUNTY NAME PERMIT  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X STATE COUNTY PERMIT  
LOCATION: ELEVATION 1,017' WATERSHED WHEELER RUN  
QUADRANGLE SHIRLEY 7.5' DISTRICT CENTERTVILLE COUNTY TYLER  
SURFACE OWNER RAYMOND UNDERWOOD ACREAGE 23 ACRES +/-  
OIL & GAS ROYALTY OWNER RAYMOND V. UNDERWOOD ET UX, ROBERT L. BROWN ET UX, LEASE ACREAGE 96 ACRES +/-, 97.75 ACRES +/-  
CATHY JO ASH ET AL, MARK DOUGLAS FLETCHER, DAVID L. MAPLE 315.25 ACRES +/-, 86 AC +/-, 88.75 AC +/-  
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) \_\_\_ PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 16,100' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
DENVER, CO 80202 CHARLESTON, WV 25313  
FORM WW-6 06/13/2014



**Antero Resources Corporation**  
Appalachian Basin  
Jug Unit 2H  
Tyler County

RECEIVED  
Office of Oil and Gas  
MAR 11 2014  
WV Department of  
Environmental Protection

Quadrangle: Shirley  
Watershed: Headwaters Middle Island Creek  
District: Centerville  
Date: 3-5-14