

LATITUDE 39°25'00"

10,389'

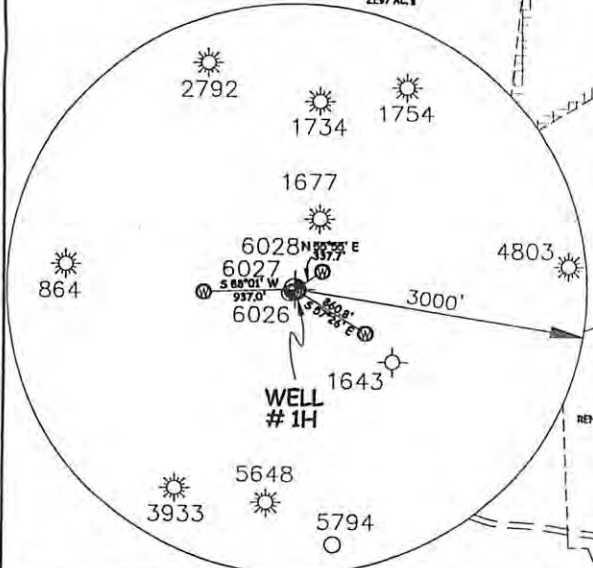
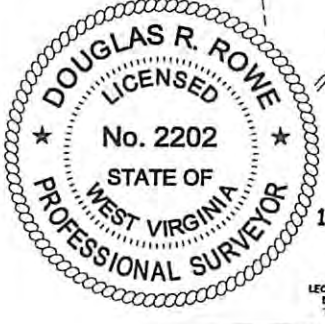
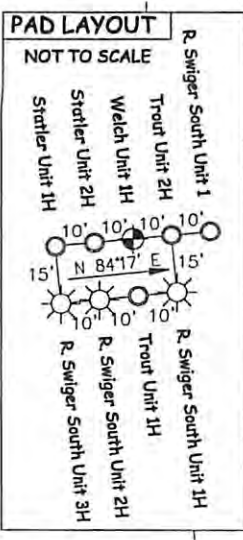
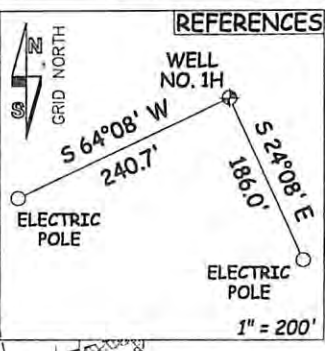
LATITUDE 39°25'00"

697' TO BOTTOM HOLE

Antero Resources  
Appalachian Corporation  
Well No. Welch Unit 1H

NOTES:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 324,688ft E: 1,695,194ft  
 LAT: 39°23'11.18" LON: 80°34'42.32"  
 BOTTOM HOLE INFORMATION:  
 N: 333,216ft E: 1,693,212ft  
 LAT: 39°24'35.23" LON: 80°35'08.88"  
 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: 4,359,756m E: 536,321m  
 BOTTOM HOLE INFORMATION:  
 N: 4,362,344m E: 535,674m



JOB # 12-041WA  
 DRAWING # WELCHUNIT1HR  
 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  
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 880' WATERSHED PIKE FORK  
 QUADRANGLE FOLSOM 7.5  
 SURFACE OWNER RENDAL J. DOTSON ET AL  
 OIL & GAS ROYALTY OWNER W. DOTSON ET AL; J. STATLER ET AL; ASHCRAFT HEIRS ET AL;  
 J. BUNNELL ET AL; D. TRAUGH ET AL; L. BRAUN ET AL; M. WELCH ET AL; D. JONES ET AL  
 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 7,200' TVD 15,900' MD  
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

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.



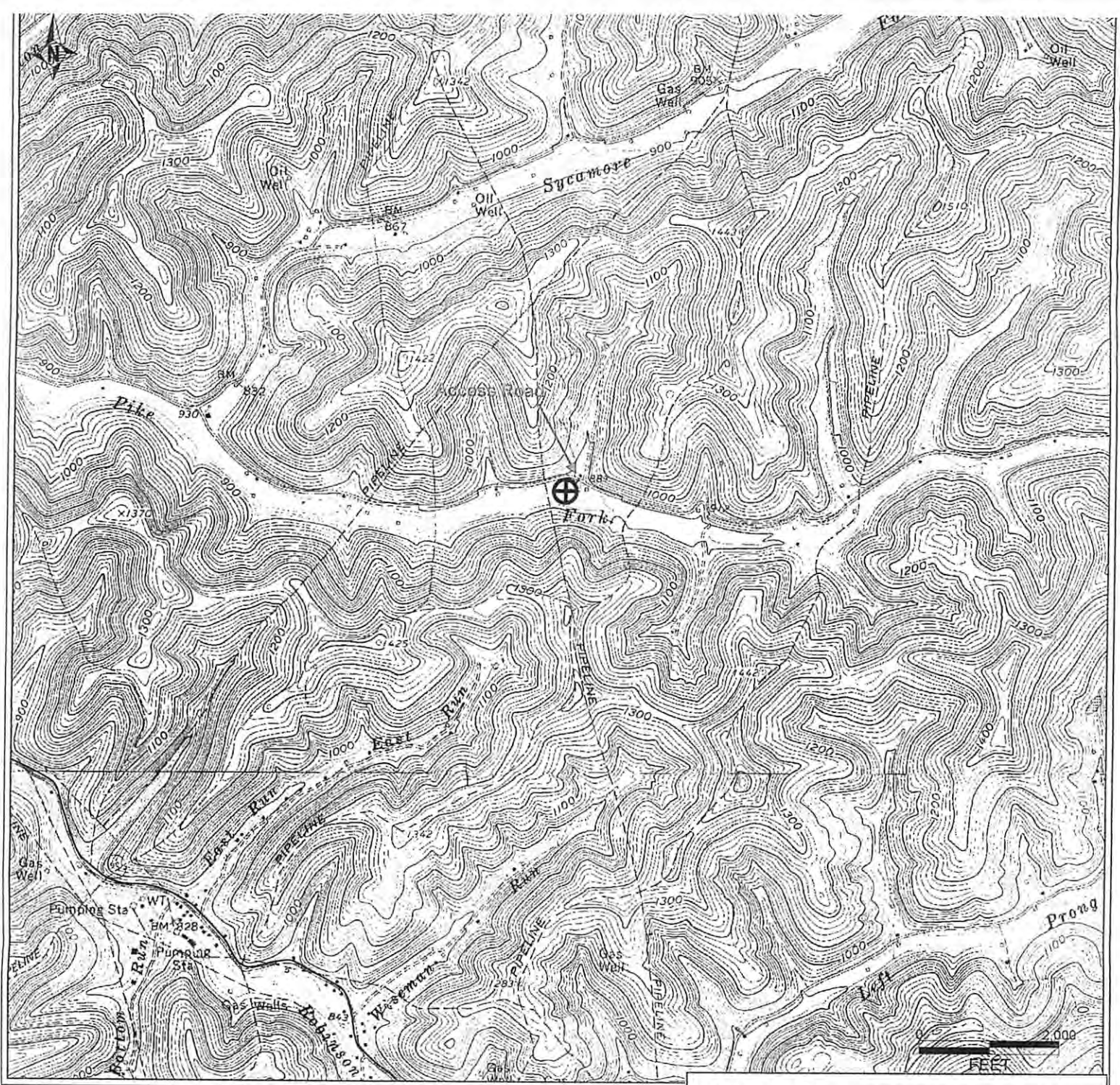
STATE OF WEST VIRGINIA, DIVISION  
 OF ENVIRONMENTAL PROTECTION,  
 OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 266 HUSHERS RUN RD PENNSBORO  
 WEST VIRGINIA 26415

LEGEND  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 ⊕ Found monument, as noted

DOUGLAS ROWE P.S. 2202  
 DATE 06/12/12  
 OPERATOR'S WELL# WELCH UNIT #1H  
 API WELL # 47 - 017 - 06148 H6 A  
 STATE COUNTY PERMIT  
 COUNTY NAME PERMIT

2,506' TO BOTTOM HOLE  
 1,101.0'  
 LONGITUDE 80°35'00"  
 LONGITUDE 80°32'30"

12/07/2012



PETRA 6/21/2012 11:45:52 AM

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|--|
| Antero Resources Corporation   |
| APPALACHIAN BASIN  |
| Welch Unit 1H<br>Doddridge County  |
|  |
| REMARKS<br>QUADRANGLE: FOLSOM<br>WATERSHED: PIKE FORK<br>DISTRICT: MCCLELLAN |
| Date: 6/21/2012  |