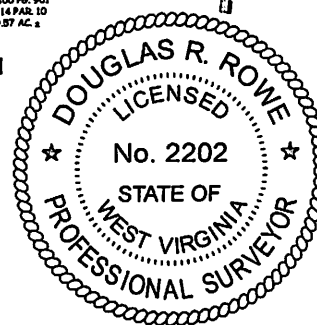
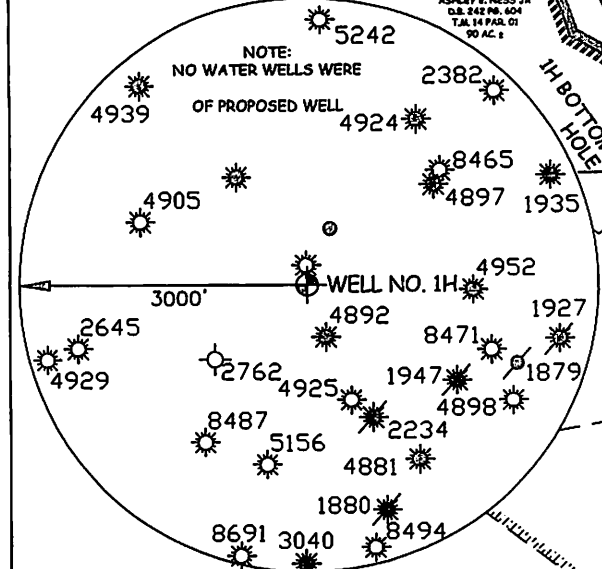
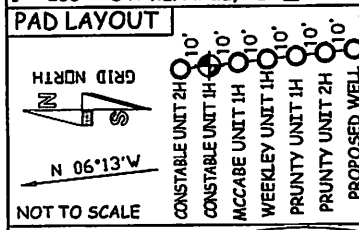
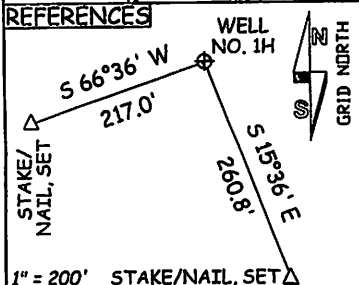


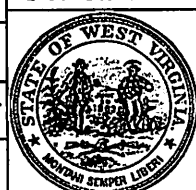
NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 254,759ft E: 1,605,932ft
 LAT: 39°11'27.93" LON: 80°53'25.31"
 BOTTOM HOLE INFORMATION:
 N: 261,871ft E: 1,601,712ft
 LAT: 39°12'37.57" LON: 80°54'20.32"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,337,998m E: 509,483m
 BOTTOM HOLE INFORMATION:
 N: 4,340,143m E: 508,161m



JOB # 12-111WA
 DRAWING # CONSTABLE1HR2
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

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

DOUGLAS R. ROWE P.S. 2202

DATE 11/30/12

OPERATOR'S WELL# CONSTABLE UNIT #1H
 API WELL # 47 - 085 - 10023 HG A

STATE COUNTY PERMIT

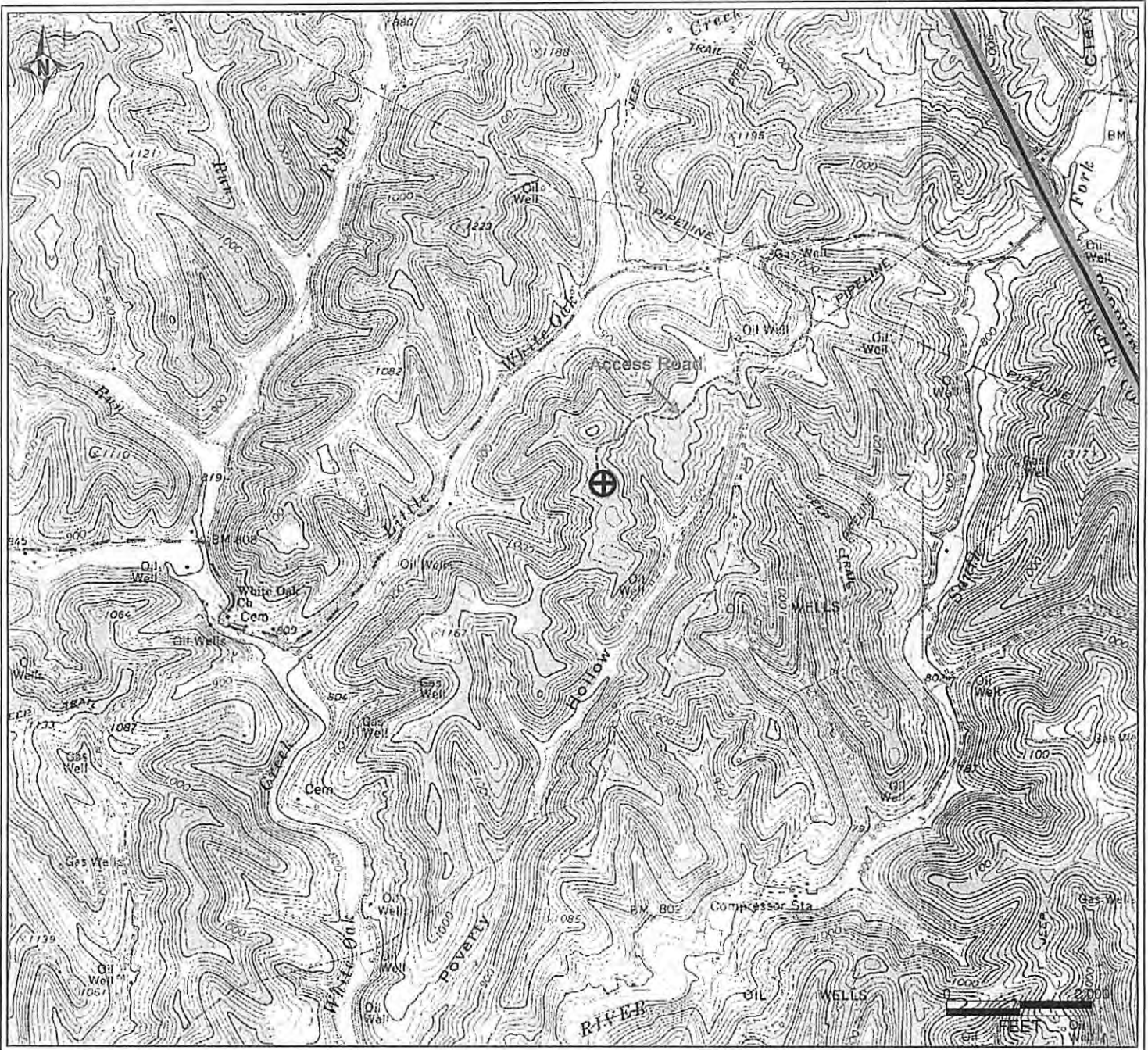
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,142' WATERSHED LITTLE WHITE OAK CREEK
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE

SURFACE OWNER O'NEILL FAMILY TRUST ET AL ACREAGE 219.57 ACRES +/-
 OIL & GAS ROYALTY OWNER O'NEILL FAMILY TRUST ET AL; PEARL ZINN ET AL; HERBERT O. IRELAND ET AL; LEASE ACREAGE 226 ACRES +/-; 100 ACRES +/-; 80 ACRES +/-
 O'NEILL FAMILY TRUST ET AL; PEARL ZINN ET AL; HERBERT O. IRELAND ET AL; 314 ACRES +/-; 145.28 ACRES +/-; 10.56 ACRES +/-; 12.33 ACRES +/-; 107 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) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 15,500' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP.
 ADDRESS 1625 17TH STREET DENVER, CO 80202

DESIGNATED AGENT ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

DIANNA STAMPER
 CT CORPORATION SYSTEM
 5400 D BIG TYLER ROAD
 CHARLESTON, WV 25313



PETRA 5/3/2012 11:44:10 AM

85-10023

Antero Resources Corporation

APPALACHIAN BASIN

Constable Unit 1H

Ritchie County



REMARKS
 QUADRANGLE: PULLMAN
 WATERSHED: LITTLE WHITE OAK CREEK
 DISTRICT: UNION

Date: 9/03/2012