

LATITUDE 39°22'30" ← 981'

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

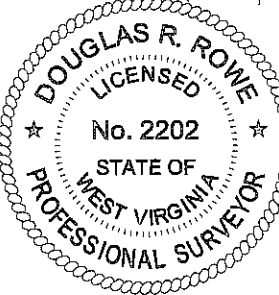
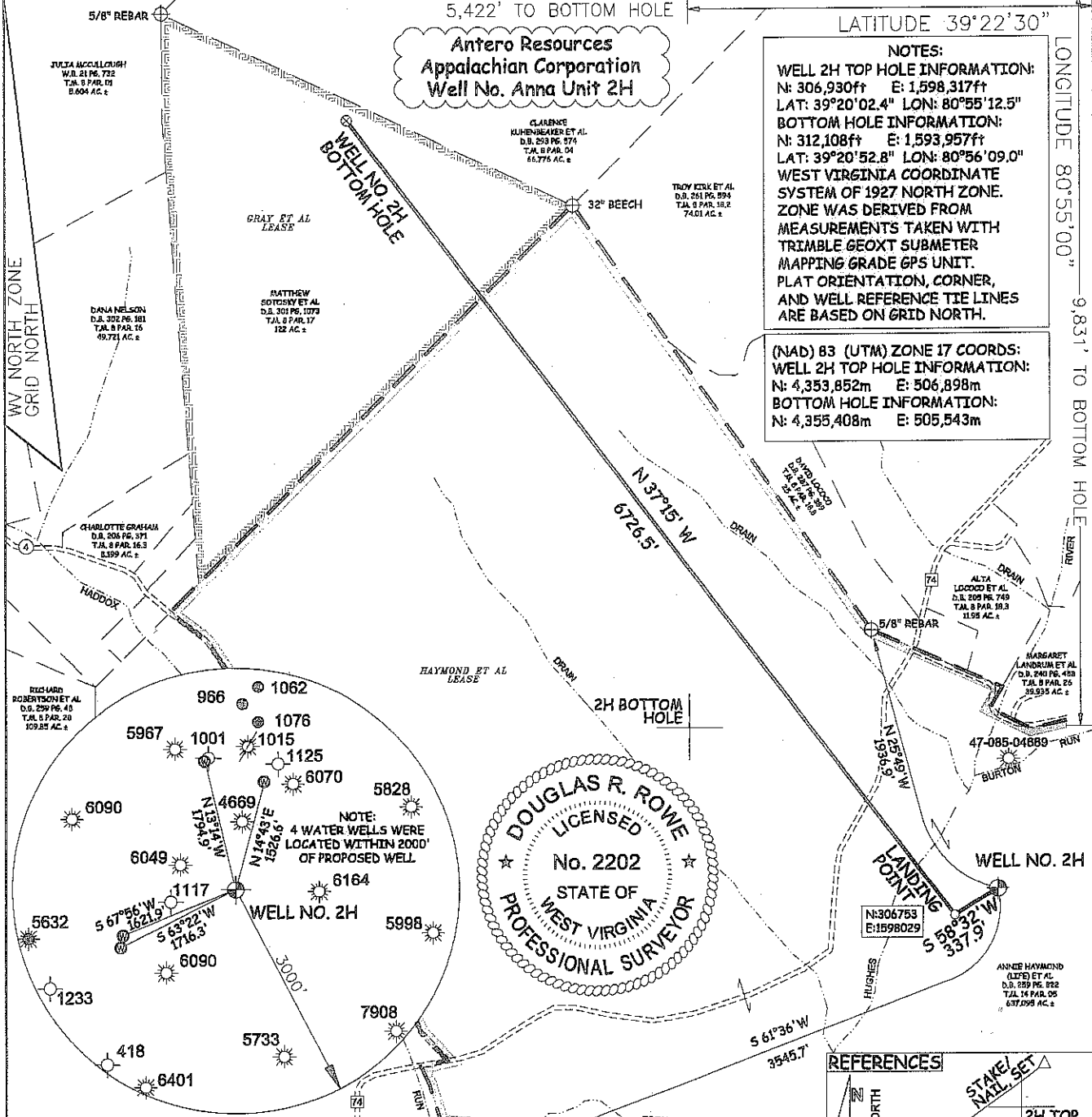
9,831' TO BOTTOM HOLE

14,938'

### Antero Resources Appalachian Corporation Well No. Anna Unit 2H

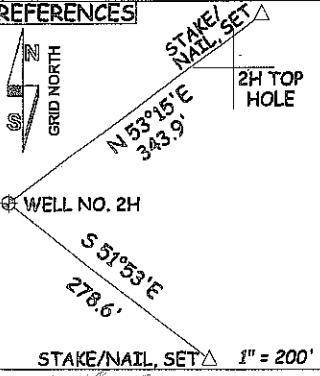
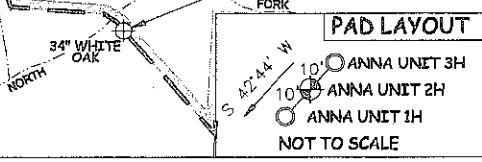
**NOTES:**  
 WELL 2H TOP HOLE INFORMATION:  
 N: 306,930ft E: 1,598,317ft  
 LAT: 39°20'02.4" LON: 80°55'12.5"  
 BOTTOM HOLE INFORMATION:  
 N: 312,108ft E: 1,593,957ft  
 LAT: 39°20'52.8" LON: 80°56'09.0"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN 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: 4,353,852m E: 506,898m  
 BOTTOM HOLE INFORMATION:  
 N: 4,355,408m E: 505,543m



**LEGEND**

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



JOB # 12-001  
 DRAWING # ANNAUNITP2HR  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER  
 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.



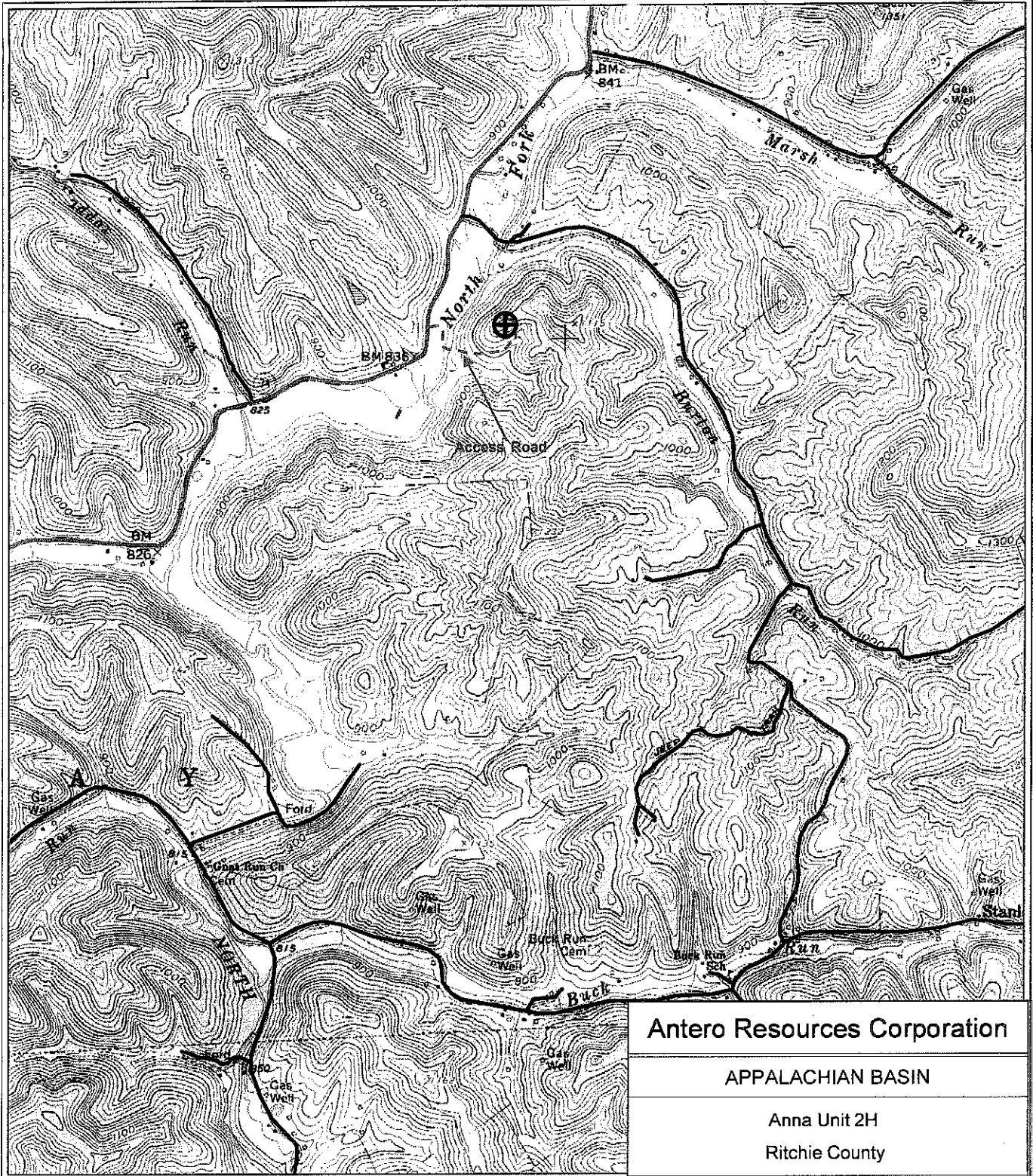
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

DOUGLAS R. ROWE P.S. 2202  
 DATE 03/28/12  
 OPERATOR'S WELL# ANNA UNIT #2H

WELL TYPE: OIL    GAS X LIQUID INJECTION    WASTE DISPOSAL     
 (IF "GAS") PRODUCTION    STORAGE X DEEP    SHALLOW X  
 LOCATION: ELEVATION 970' WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER ANNIE HAYMOND (LIFE) ACREAGE 637.095 ACRES +/-  
 OIL & GAS ROYALTY OWNER ANNIE HAYMOND ET AL; WALTER C. GRAY ET AL LEASE ACREAGE 604 ACRES +/-; 122 ACRES±  
 PROPOSED WORK: DRILL    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    ESTIMATED DEPTH 6,600' TVD 13,800' MD  
 TARGET FORMATION MARCELLUS  
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM  
DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD  
   ADDRESS CHARLESTON, WV 25313

API WELL # 47-085-09963464  
 STATE COUNTY PERMIT

85-099103



PETRA 1/26/2012 9:12:58 AM

<b>Antero Resources Corporation</b>
APPALACHIAN BASIN
Anna Unit 2H Ritchie County
REMARKS QUADRANGLE: PENNSBORO WATERSHED: NORTH FORK HUGHES RIVER DISTRICT: CLAY
Date: 01/26/2012

APR 6 2012

06/29/2012