

LATITUDE 39°22'30" ← 995'

LONGITUDE 80°55'00"

LATITUDE 39°22'30"

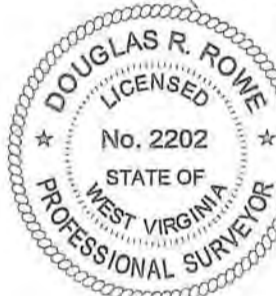
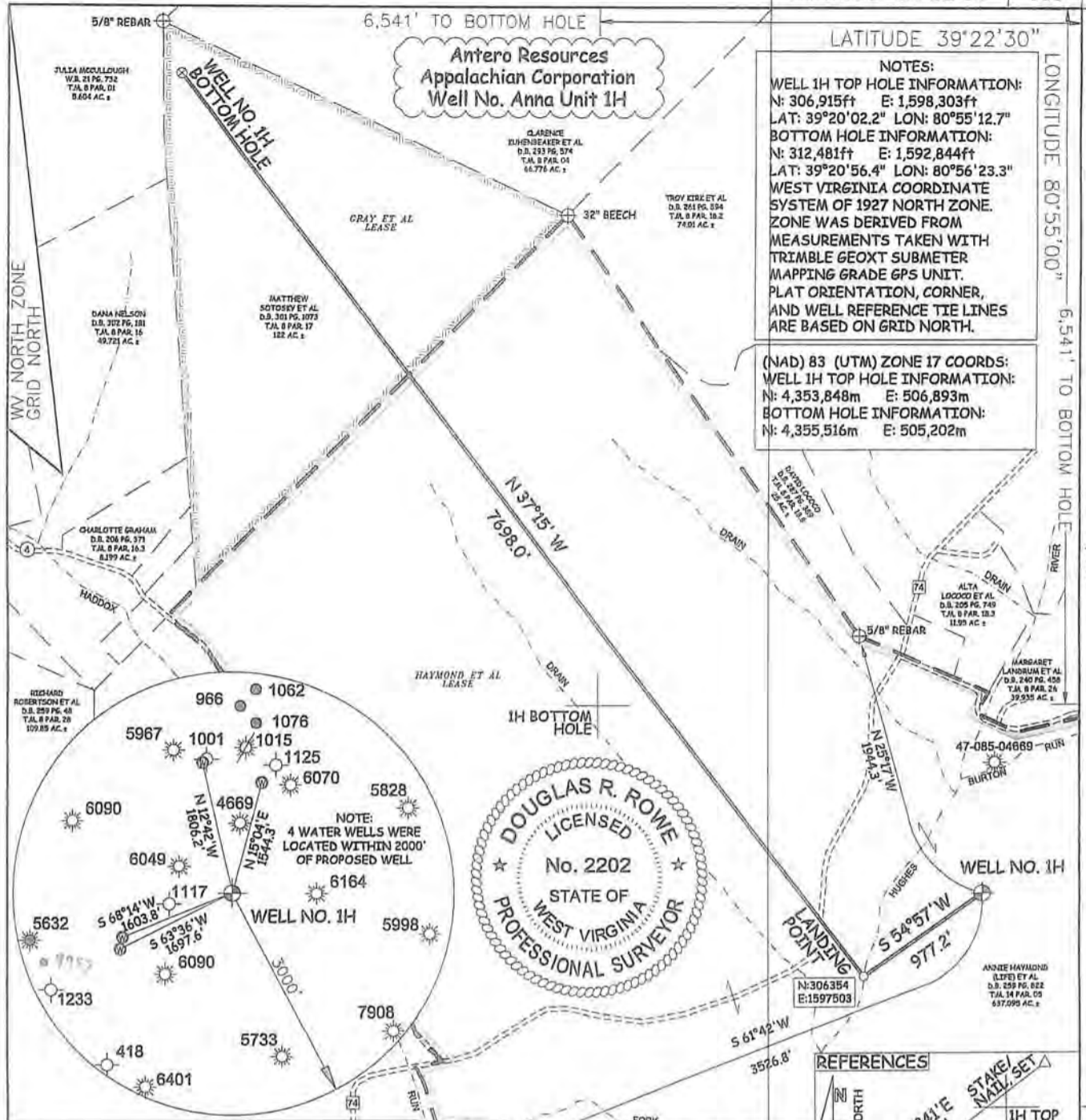
LONGITUDE 80°55'00"

14,933'

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 306,915ft E: 1,598,303ft
 LAT: 39°20'02.2" LON: 80°55'12.7"
 BOTTOM HOLE INFORMATION:
 N: 312,481ft E: 1,592,844ft
 LAT: 39°20'56.4" LON: 80°56'23.3"
 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.

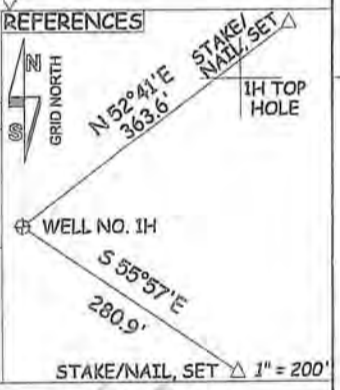
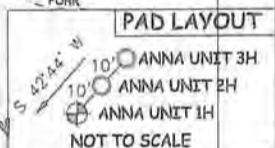
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,353,848m E: 506,893m
 BOTTOM HOLE INFORMATION:
 N: 4,355,516m E: 505,202m

Antero Resources
 Appalachian Corporation
 Well No. Anna Unit 1H



LEGEND

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



JOB # 12-001
 DRAWING # ANNAUNITP1HR
 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
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

DOUGLAS R. ROWE P.S. 2202

DATE 03/28/12

OPERATOR'S WELL# ANNA UNIT #1H

API WELL # 47 - 085

STATE COUNTY PERMIT

COUNTY RITCHIE

637.095 ACRES +/-

LEASE AGREEMENT 604 ACRES +/-; 122 ACRES +/-

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR

STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG & ABANDON CLEAN OUT & REPLUG ESTIMATED DEPTH 6,600' TVD 15,400' MD

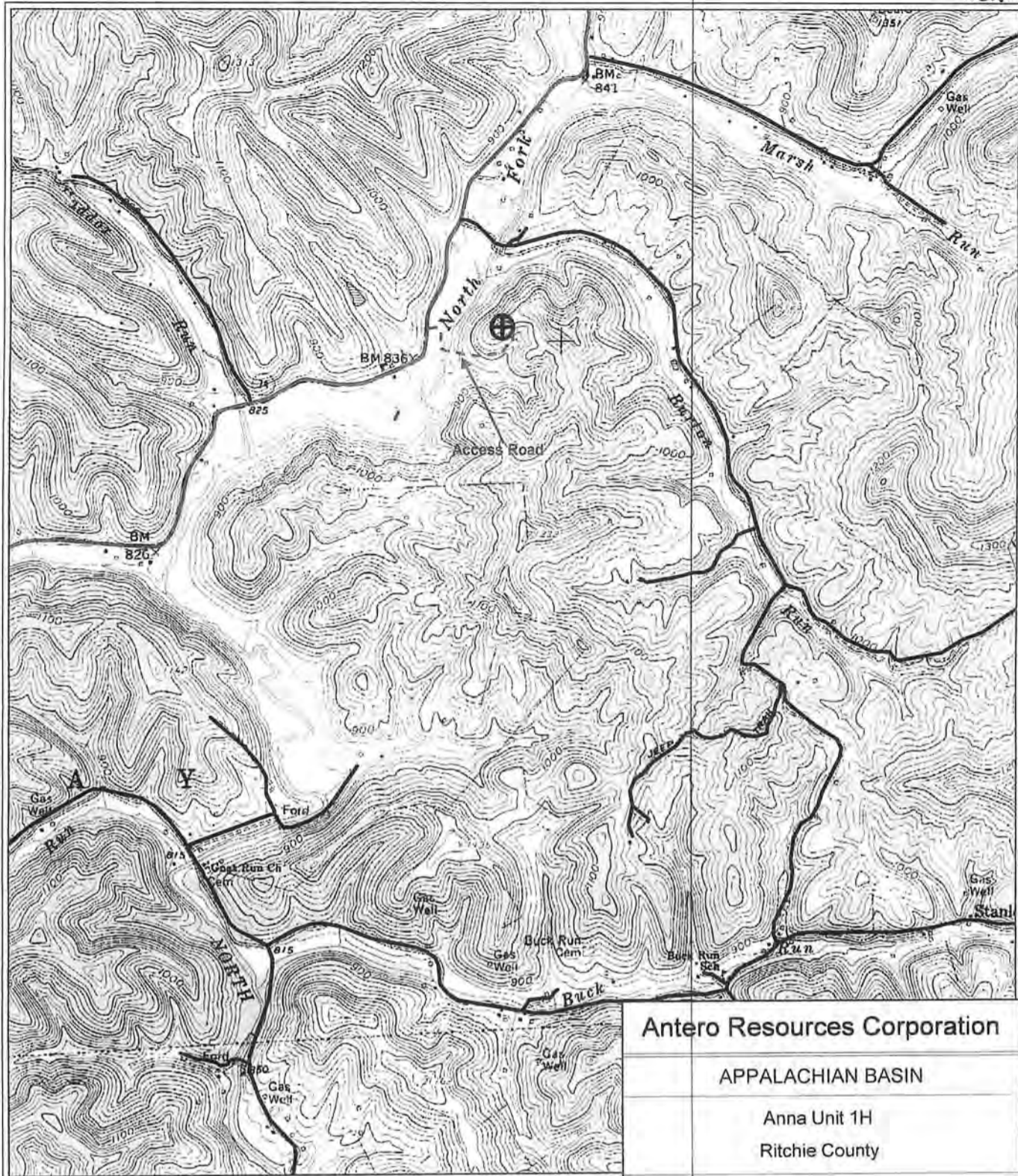
TARGET FORMATION MARCELLUS

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER

ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD

DENVER, CO 80202 CHARLESTON, WV 25313

85-099162H0A



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

Antero Resources Corporation
APPALACHIAN BASIN
Anna Unit 1H
Ritchie County
REMARKS QUADRANGLE: PENNSBORO WATERSHED: NORTH FORK HUGHES RIVER DISTRICT: CLAY
Date: 01/26/2012

08/17/2012