

LATITUDE 39°12'30" 332'

LATITUDE 39°15'00" 2H TOP HOLE

LONGITUDE 80°52'30" 2H

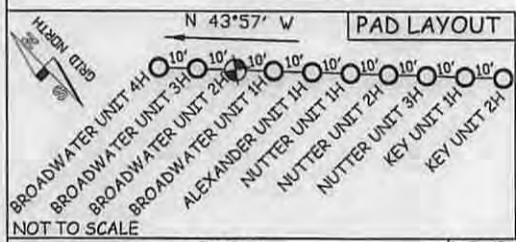
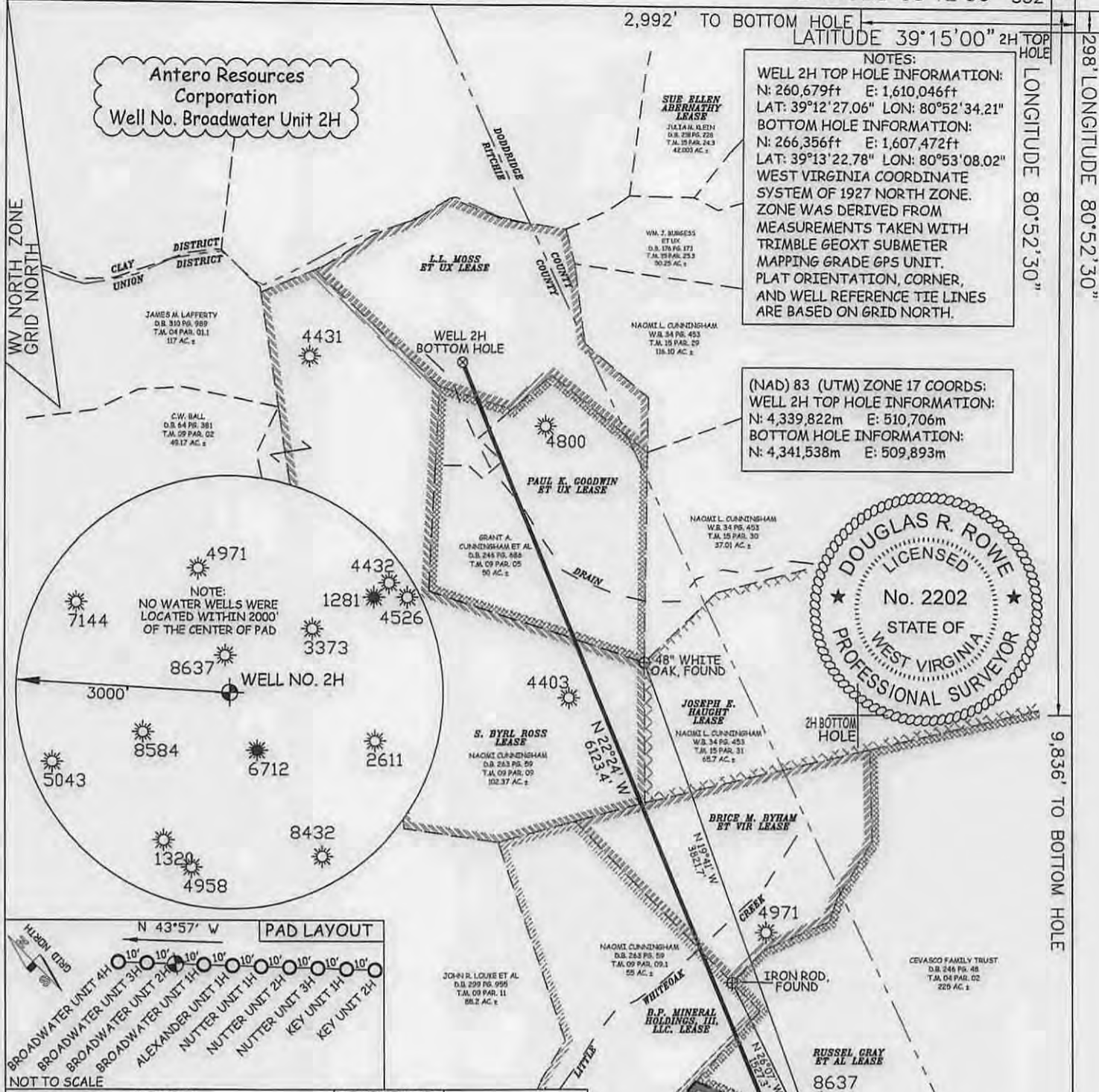
298' LONGITUDE 80°52'30"

9,836' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Broadwater Unit 2H

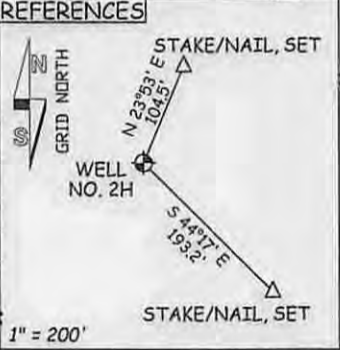
NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 260,679ft E: 1,610,046ft
LAT: 39°12'27.06" LON: 80°52'34.21"
BOTTOM HOLE INFORMATION:
N: 266,356ft E: 1,607,472ft
LAT: 39°13'22.78" LON: 80°53'08.02"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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: 4,339,822m E: 510,706m
BOTTOM HOLE INFORMATION:
N: 4,341,538m E: 509,893m



LEGEND
 - - - - - Surface Owner Boundary Lines +/-
 - - - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Iron Pipe, Found

DOUGLAS R. ROWE P.S. 2202
 DATE 11/04/14
 OPERATOR'S WELL# BROADWATER UNIT #2H
 API WELL # 47-085-10182
 STATE COUNTY PERMITHWA



JOB # 14-102WA
 DRAWING # BROADWATER2H
 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 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

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 923' WATERSHED TRIBUTARY OF SOUTH FORK HUGHES RIVER
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE

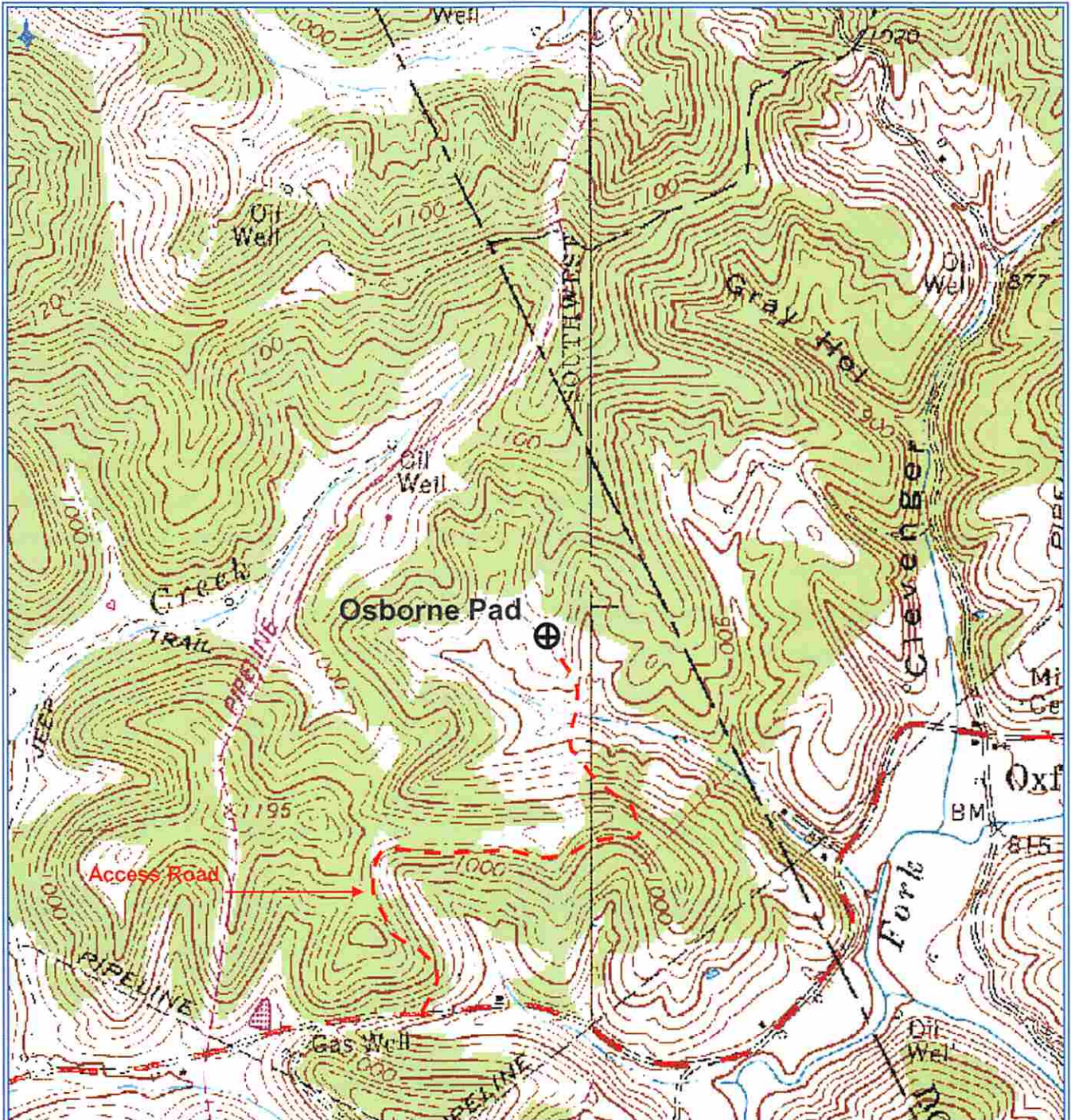
SURFACE OWNER MARVIN W. OSBOURNE ACREAGE 28.75 ACRES +/-
 OIL & GAS ROYALTY OWNER LARRY G. BROADWATER; RUSSEL GRAY ET AL; B.P. MINERAL HOLDINGS, III, LLC; BRICE M. BYHAM ET VIR; S. BYRL ROSS; PAUL K. GOODWIN ET UX; L.L. MOSS ET UX LEASE ACREAGE 98.75 ACRES±; 225 ACRES±; 55 ACRES±; 41 ACRES±; 103 ACRES±; 50 ACRES±; 54 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 6,700' TVD 13,300' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

NOTE
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR HOLSTEIN HEIFERS ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

02/27/2015



Antero Resources Corporation
Appalachian Basin
Broadwater Unit 2H
Ritchie County
Quadrangle: Pullman
Watershed: South Fork Hughes River
District: Union
Date: 11-12-14