

LATITUDE 39°20'00"

8,836'

4,542' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 80°47'30"

10,715'

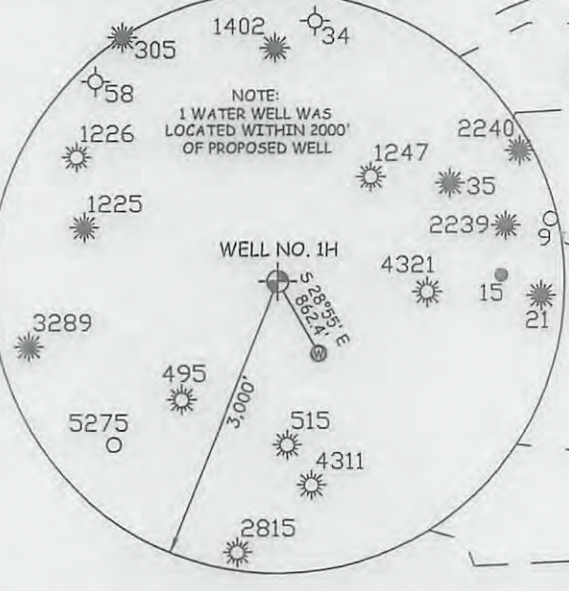
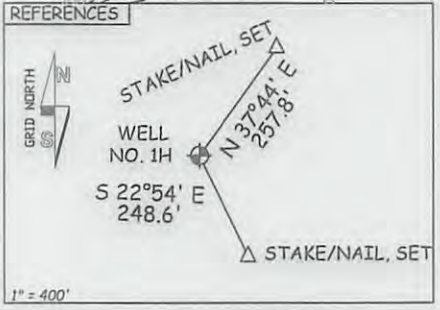
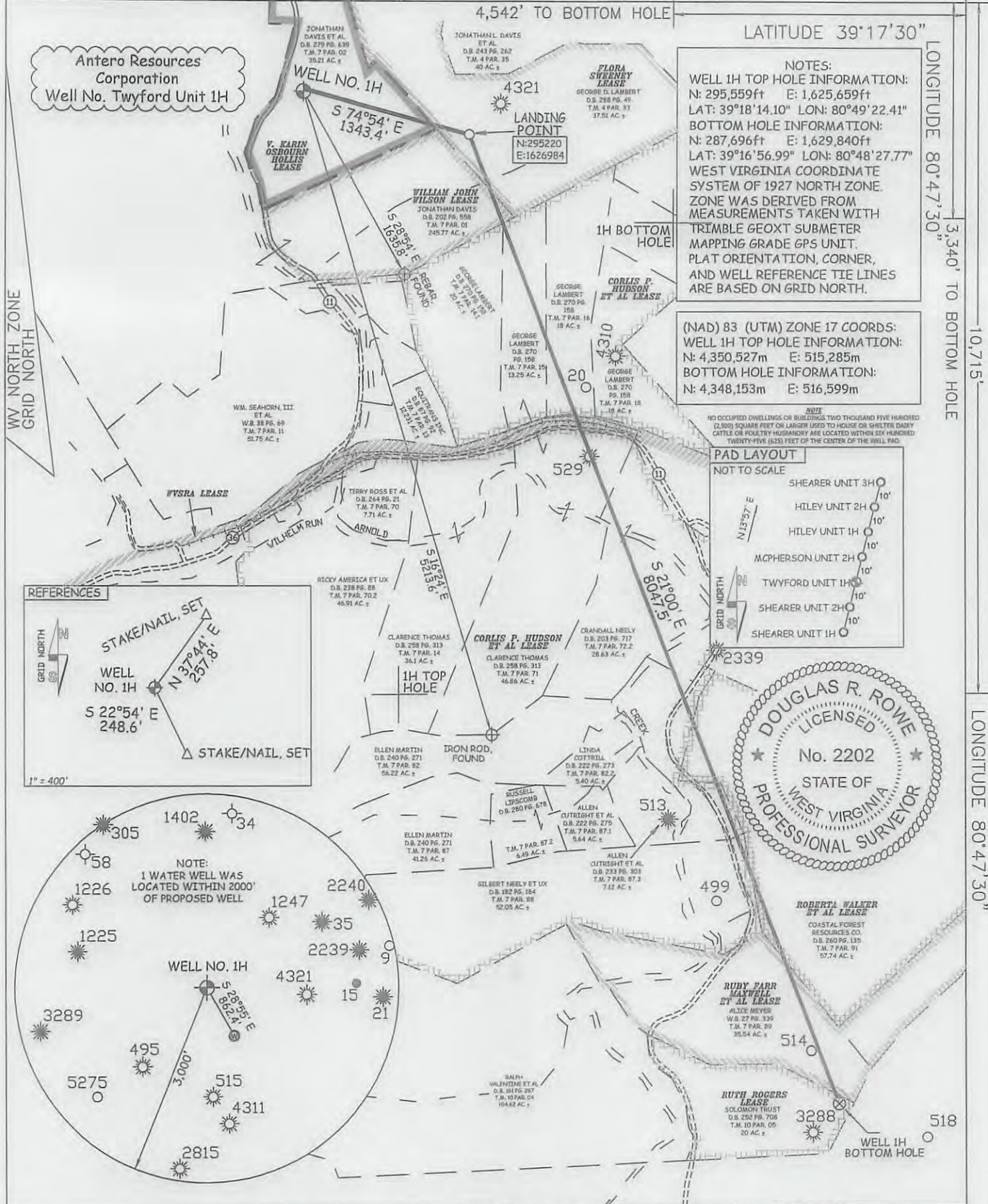
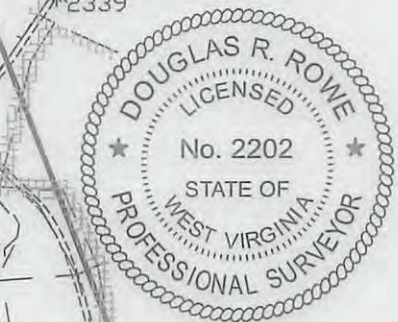
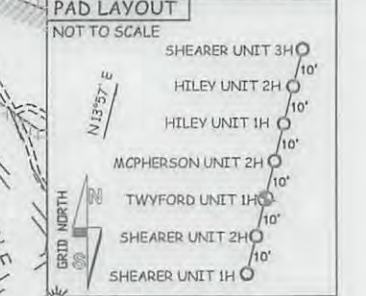
LONGITUDE 80°47'30"

Antero Resources Corporation
Well No. Twyford Unit 1H

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 295,559ft E: 1,625,659ft
 LAT: 39°18'14.10" LON: 80°49'22.41"
 BOTTOM HOLE INFORMATION:
 N: 287,696ft E: 1,629,840ft
 LAT: 39°16'56.99" LON: 80°48'27.77"
 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: 4,350,527m E: 515,285m
 BOTTOM HOLE INFORMATION:
 N: 4,348,153m E: 516,599m

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



JOB # 13-080WA
 DRAWING # TWYFORD1H
 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.

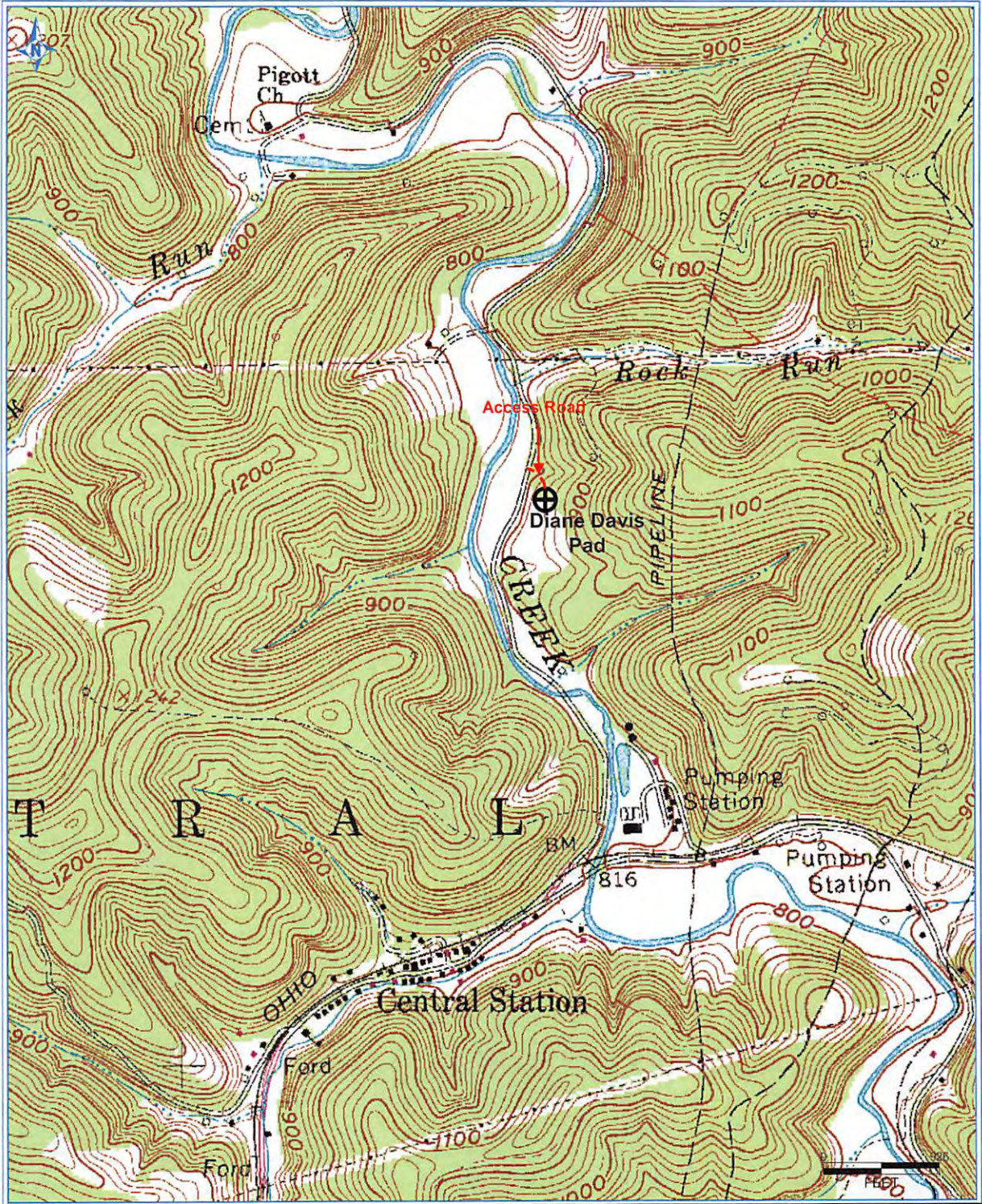


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

LEGEND
 --- Surface Owner Boundary Lines +/-
 --- Interior Surface Tracts +/-
 --- Existing Fence
 ⊕ Found monument, as noted
 DOUGLAS R. ROWE P.S. 2202

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 824' WATERSHED ARNOLD CREEK
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
 SURFACE OWNER JONATHAN DAVIS ET AL ACREAGE 35.21 ACRES +/-
 OIL & GAS ROYALTY OWNER V. KARIN OSBOURN HOLLIS; FLORA SWEENEY; WILLIAM JOHN WILSON; LEASE ACREAGE 79.09 ACRES+; 103 ACRES+; 29.4 ACRES+;
 CORLIS P. HUDSON ET AL; WVSRA; ROBERTA WALKER ET AL; RUBY FARR MAXWELL ET AL; RUTH D. ROGERS 488.7 ACRES+; 301.19 ACRES+; 109 ACRES+; 45 ACRES+; 20 ACRES+
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG
 WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 6,600' TVD 16,100' MD
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

DATE 10/16/13
 OPERATOR'S WELL# TWYFORD UNIT #1H
 API WELL # 47 - 017 - 06402 H6A
 STATE COUNTY PERMIT



Antero Resources Corporation

Appalachian Basin

Twyford Unit 1H

Doddridge County

Quadrangle: West Union

Watershed: Arnold Creek

District: Central

Date: 8-21-2013