

LATITUDE 39°20'00"

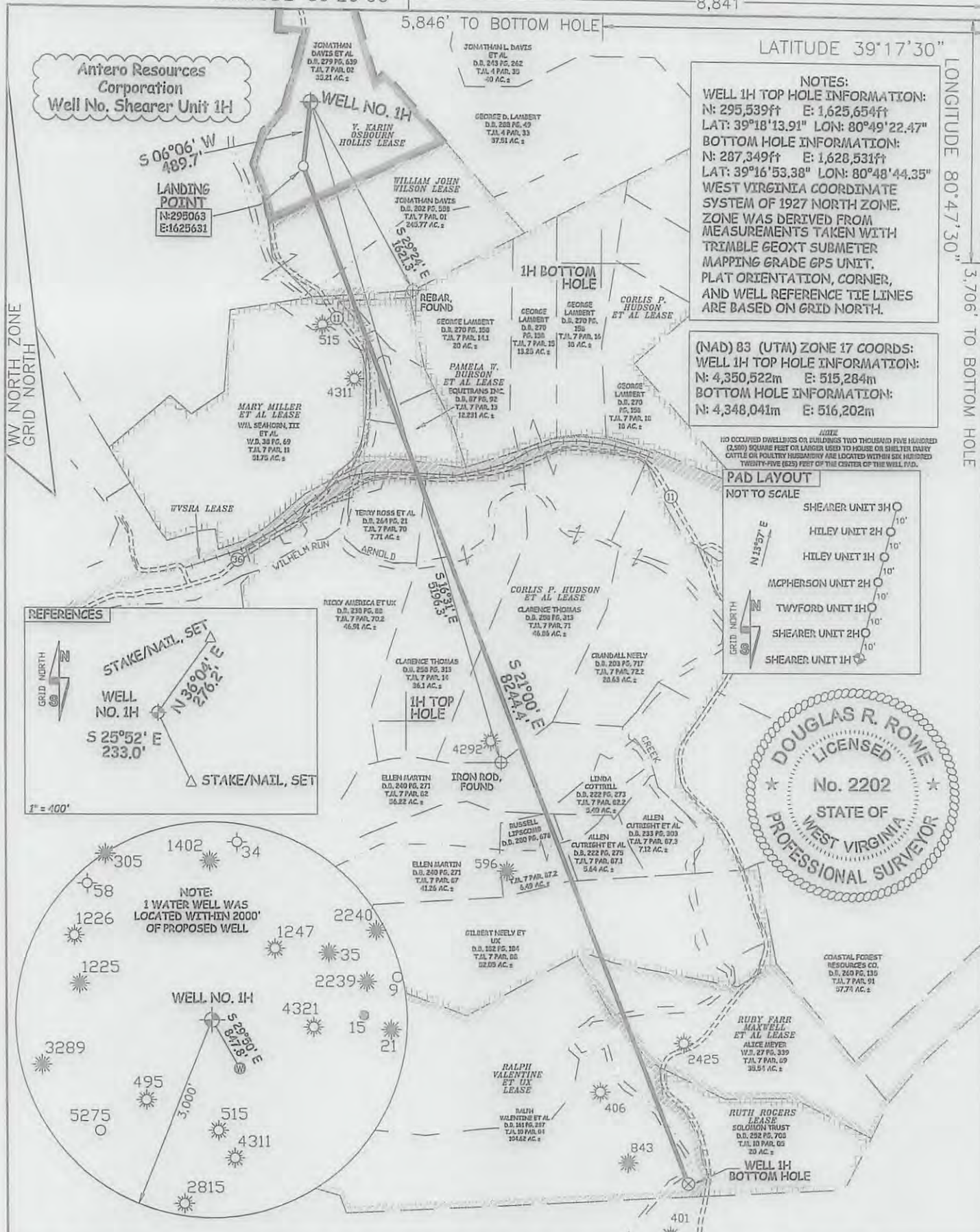
8,841'

LATITUDE 39°17'30"

LONGITUDE 80°47'30"

10,734'

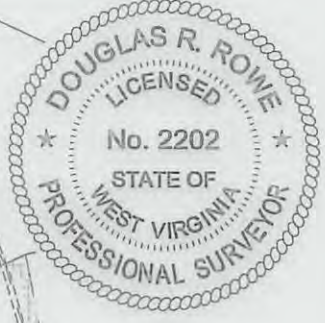
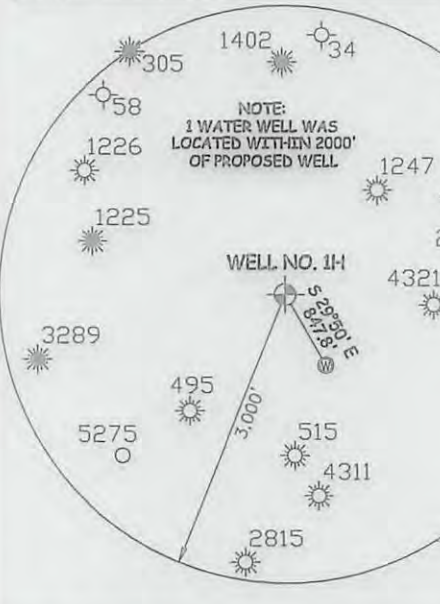
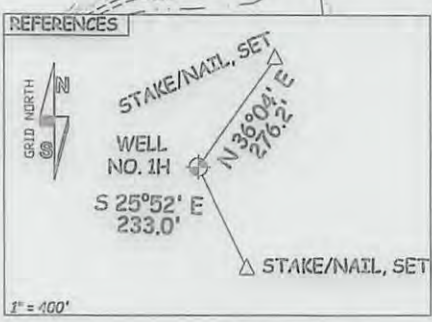
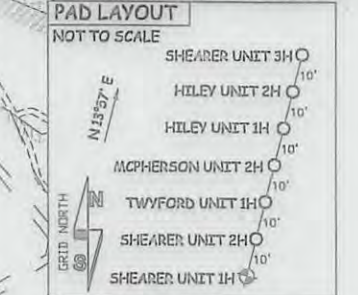
LONGITUDE 80°47'30"



NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 295,539ft E: 1,625,654ft
 LAT: 39°18'13.91" LON: 80°49'22.47"
BOTTOM HOLE INFORMATION:
 N: 287,349ft E: 1,628,531ft
 LAT: 39°16'53.38" LON: 80°48'44.35"
 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: 4,350,522m E: 515,284m
BOTTOM HOLE INFORMATION:
 N: 4,348,041m E: 516,202m

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 # 13-068WA
 DRAWING # SHEARER1H
 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 +/-
 X Existing Fence
 ⊕ Found monument, as noted

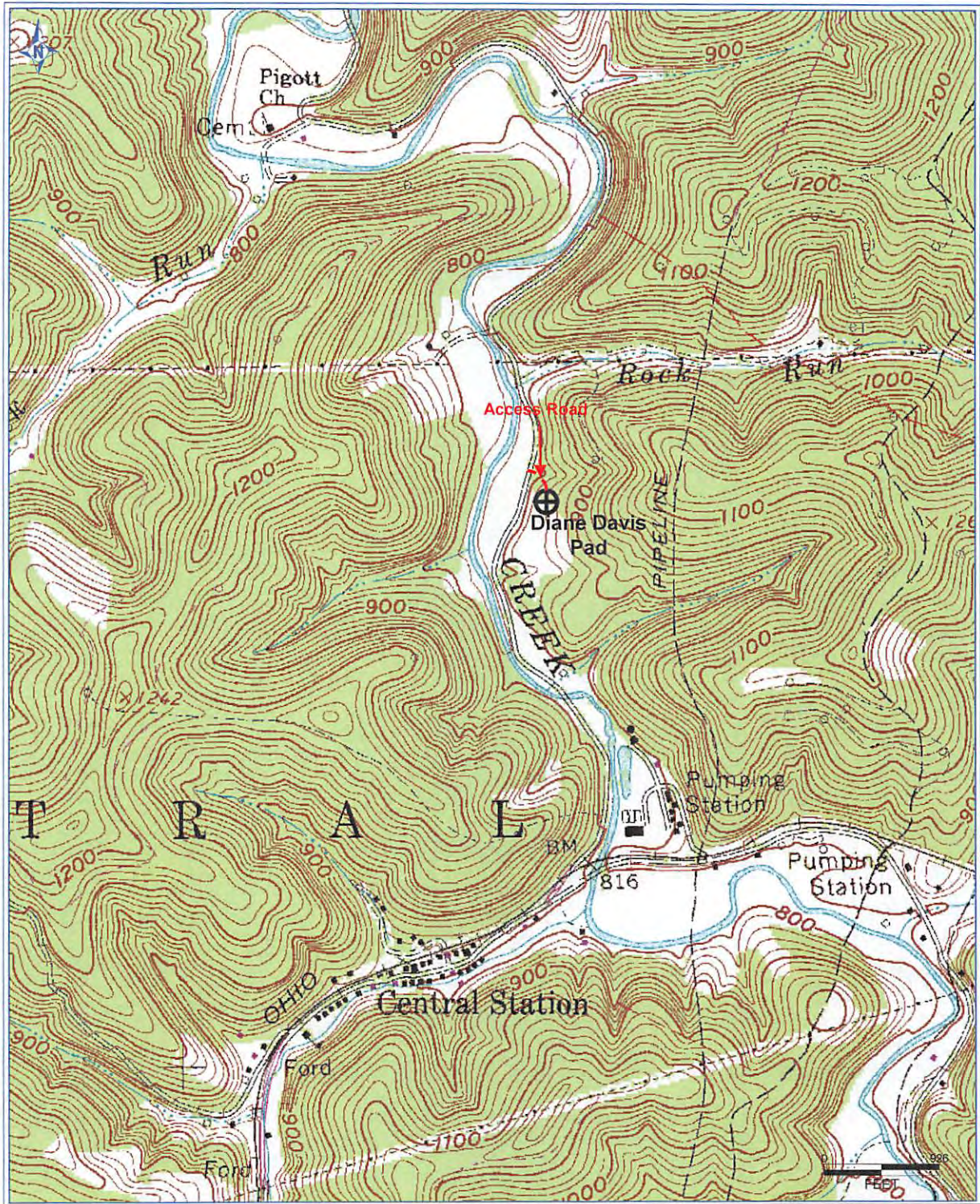
DOUGLAS R. ROWE P.S. 2202

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 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 OWNERS V. KARIN OSBOURN HOLLIS; WILLIAM JOHN WILSON; CORLIS P. HUDSON ET AL; LEASE ACREAGE 79.09 ACRES +/-; 29.4 ACRES +/-; 488.7 ACRES +/-; PAMELA W. BURSON ET AL; MARY MILLER ET AL; WVSRA; RUBY FARR MAXWELL ET AL; RALPH VALENTINE ET UX 16.477 ACRES +/-; 54 ACRES +/-; 301.19 ACRES +/-; 45 ACRES +/-; 104.62 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) ___
 TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG
 WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 6,600' TVD 15,700' MD
 ADDRESS 1625 17TH STREET DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

DATE 08/22/13
 OPERATOR'S WELL# SHEARER UNIT #1H
 API WELL # 47 - 017 - HGA 06356
 STATE COUNTY PERMIT



17 06356

Antero Resources Corporation
 Appalachian Basin
 Shearer Unit 1H
 Doddridge County

Quadrangle: West Union
 Watershed: Arnold Creek
 District: Central
 Date: 8-21-2013

Received

AUG 30 2013