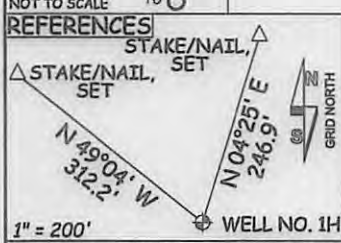
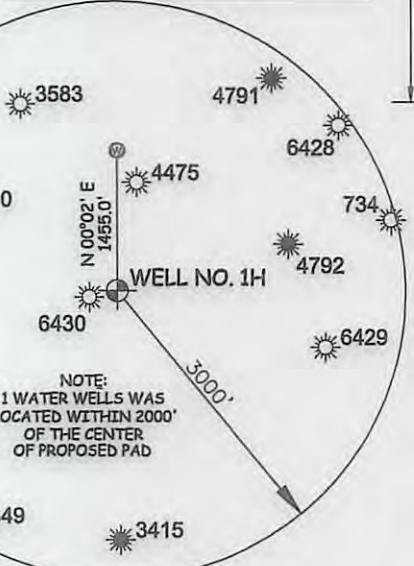


Antero Resources Corporation
Well No. Alliance Unit 1H

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 301,938ft E: 1,593,125ft
 LAT: 39°19'12.21" LON: 80°56'17.54"
 BOTTOM HOLE INFORMATION:
 N: 298,550ft E: 1,592,998ft
 LAT: 39°18'38.70" LON: 80°56'18.46"
 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.

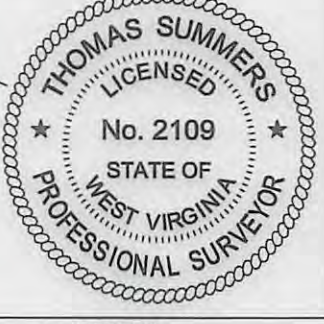
(NAD 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,352,305m E: 505,341m
 BOTTOM HOLE INFORMATION:
 N: 4,351,272m E: 505,320m



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 AVENUE PENNSBORO WEST VIRGINIA 26415



JOB # 15-038WA
 DRAWING # ALLIANCE1HR1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

THOMAS SUMMERS P.S. 2109
 DATE 12/03/15

OPERATOR'S WELL# ALLIANCE UNIT #1H
 API WELL # 47 - 085 - 10274 HGA

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION ORIG 1,135' - PROPOSED 1,119' WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER ERNEST E. ZINN ET AL ACREAGE 129.5 ACRES +/-
 OIL & GAS ROYALTY OWNER HAROLD H. BLOCH ET UX; STEVE JACKSON; LEASE ACREAGE 131.5 ACRES±; 117 ACRES±;
 RONALD J. CASTELOW; MARLEEN L. TAYLOR; M.H. JONES ET UX 35.5 ACRES±; 50 ACRES±; 200 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 6,700' TVD 10,200' MD
 TARGET FORMATION MARCELLUS

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

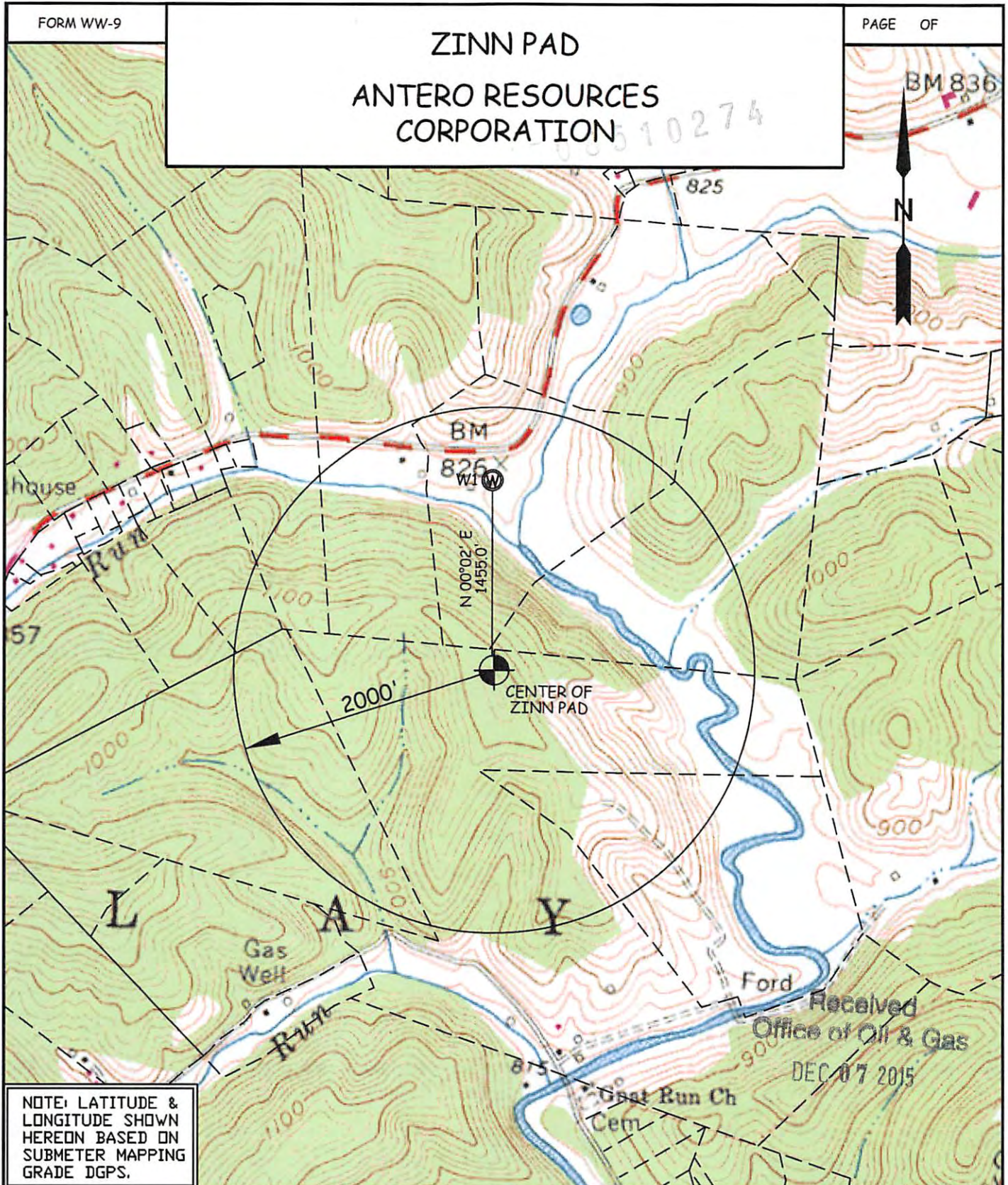
01/29/2016

ZINN PAD

ANTERO RESOURCES CORPORATION

10274

BM 836



NOTE: LATITUDE & LONGITUDE SHOWN HEREON BASED ON SUBMETER MAPPING GRADE DGPS.

| WELL | SURFACE OWNER | ADDRESS | DISTRICT-TAX MAP-PARCEL | WELL LATITUDE | WELL LONGITUDE |
|------|---------------------------|---------------------------------------|-------------------------|----------------|----------------|
| W1 | LEWIS P. & NORMA J. DAVIS | 4146 MOUNTAIN DR. PENNSBORO, WV 26415 | 3-14-12 | 39° 19' 26.96" | 80° 59' 18.44" |

WILLOW LAND SURVEYING, PLLC
 P.O. BOX 17, PENNSBORO, WV 26415
 (304) 659-1717

DATE: 08/06/14 DRAWN BY: D.L.P.

TOPO SECTION(S) OF ;
 PENNSBORO 7.5' QUAD.
 & ELLENBORO 7.5' QUAD.

JOB #: 14-069WA

FILE: ZINNPADWATERMAP

