

LATITUDE 39°20'00"

6,099'

4,022' TO BOTTOM HOLE

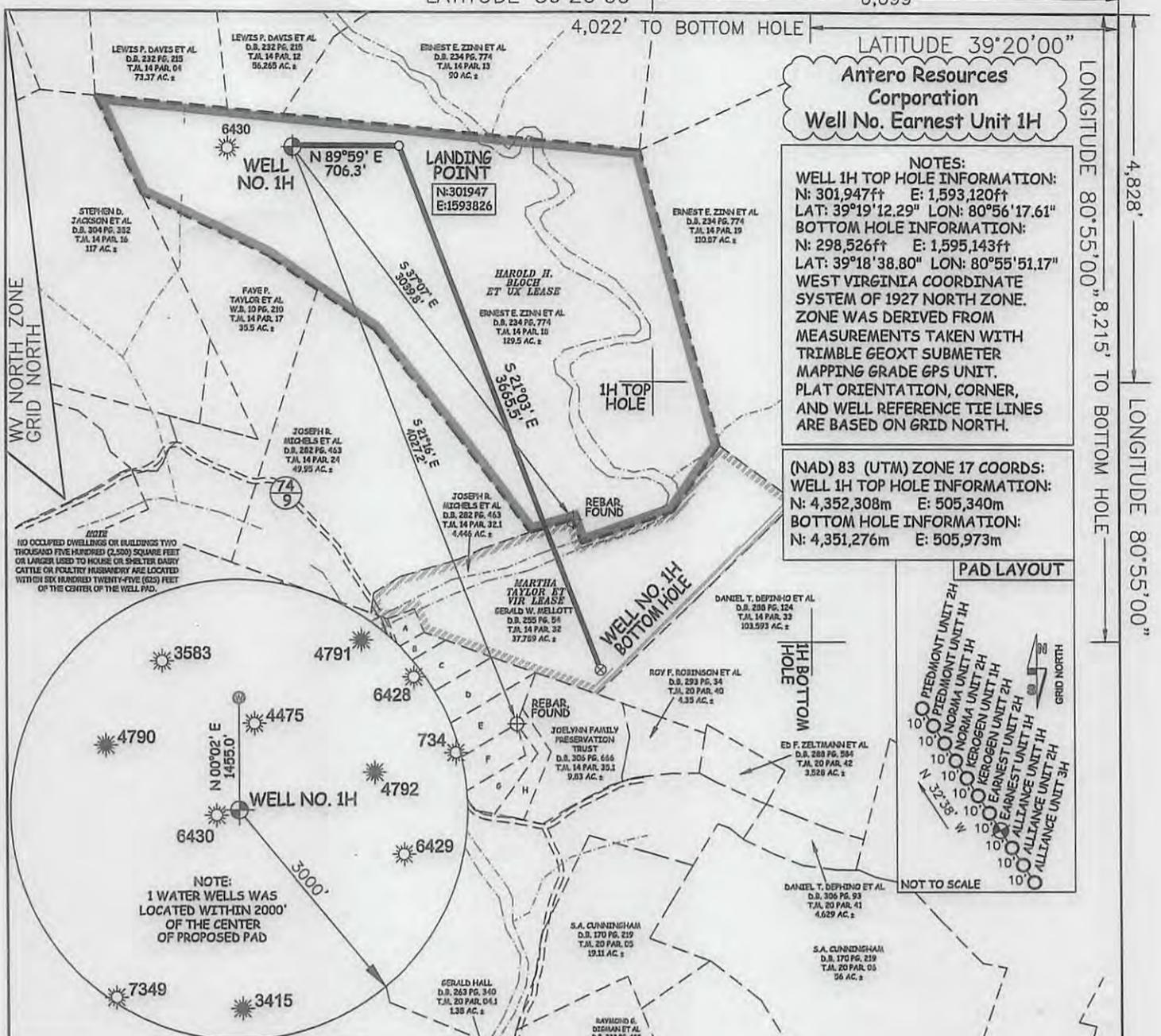
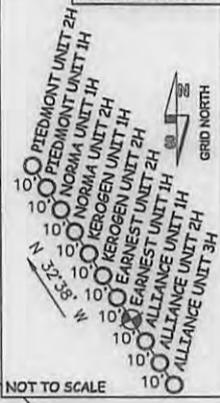
LATITUDE 39°20'00"

Antero Resources Corporation Well No. Earnest Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 301,947ft E: 1,593,120ft
 LAT: 39°19'12.29" LON: 80°56'17.61"
BOTTOM HOLE INFORMATION:
 N: 298,526ft E: 1,595,143ft
 LAT: 39°18'38.80" LON: 80°55'51.17"
 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: 4,352,308m E: 505,340m
BOTTOM HOLE INFORMATION:
 N: 4,351,276m E: 505,973m

PAD LAYOUT



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.

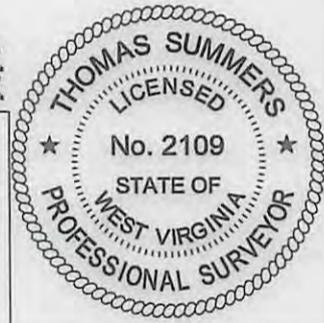


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVENUE PENNSBORO WEST VIRGINIA 26415

JOB # 15-047WA
 DRAWING # EARNEST1HR1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

REFERENCES
 1" = 200' STAKE/NAIL SET
 STAKE/NAIL SET



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

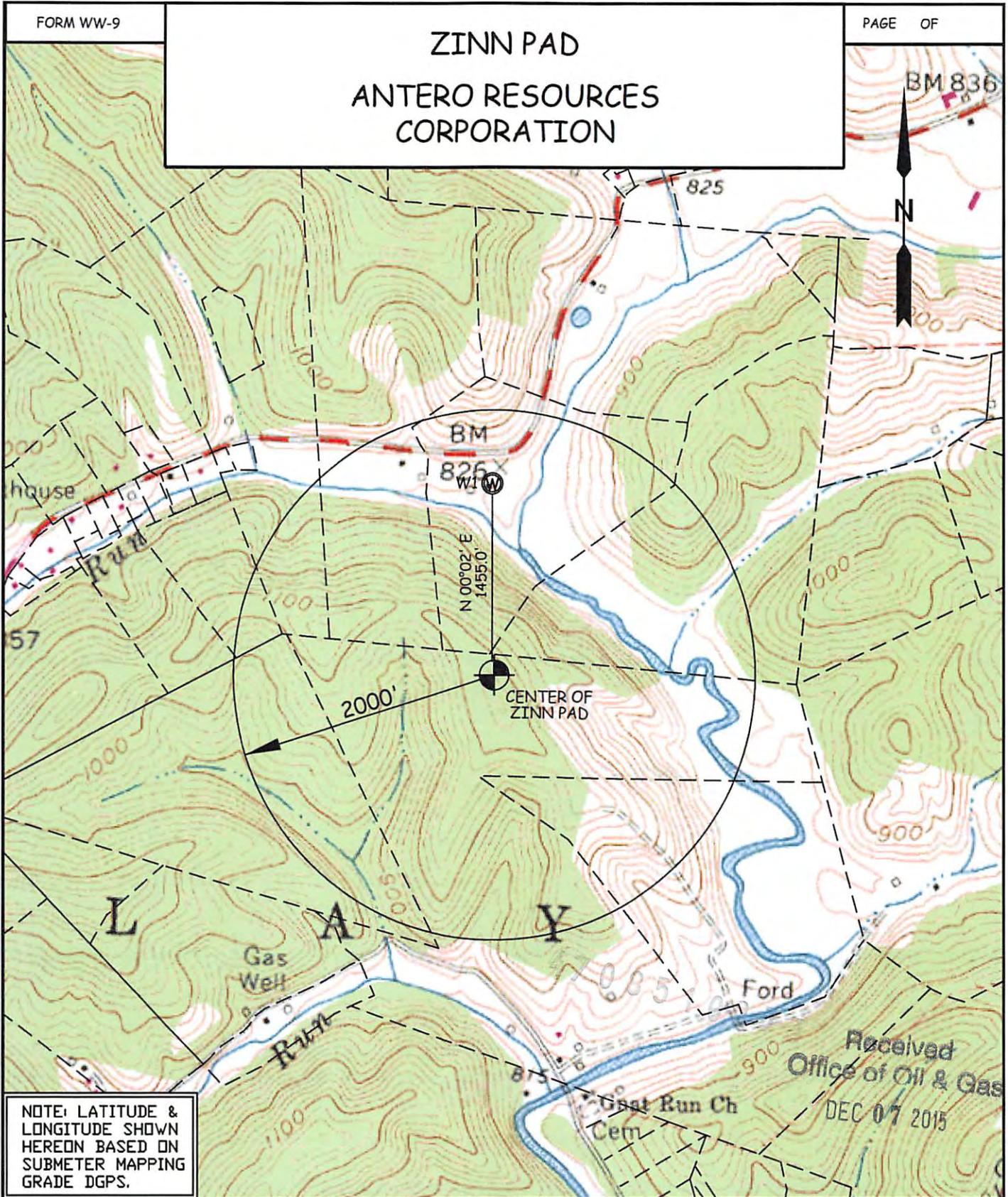
THOMAS SUMMERS P.S. 2109
 DATE 12/03/15

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ OPERATOR'S WELL# EARNEST UNIT #1H
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X API WELL # 47 - 085 - 10213 HGA
 LOCATION: ELEVATION ORIG 1,135' - PROPOSED 1,119' WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY COUNTY RITCHIE
 SURFACE OWNER ERNEST E. ZINN ET AL ACREAGE 129.5 ACRES +/-
 OIL & GAS ROYALTY OWNER HAROLD H. BLOCH ET UX; MARTHA TAYLOR ET VIR; LEASE ACREAGE 131.5 ACRES±; 44.46 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 ___ ESTIMATED DEPTH 6,700' TVD 10,400' MD
 TARGET FORMATION MARCELLUS
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CT CORPORATION SYSTEM
 DENVER, CO 80202 CHARLESTON, WV 25313

01/29/2016

ZINN PAD ANTERO RESOURCES CORPORATION



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

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

JOB #: 14-069WA
FILE: ZINNPADWATERMAP

SCALE : 1-INCH = 1000-FEET



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