

LATITUDE 39°20'00"

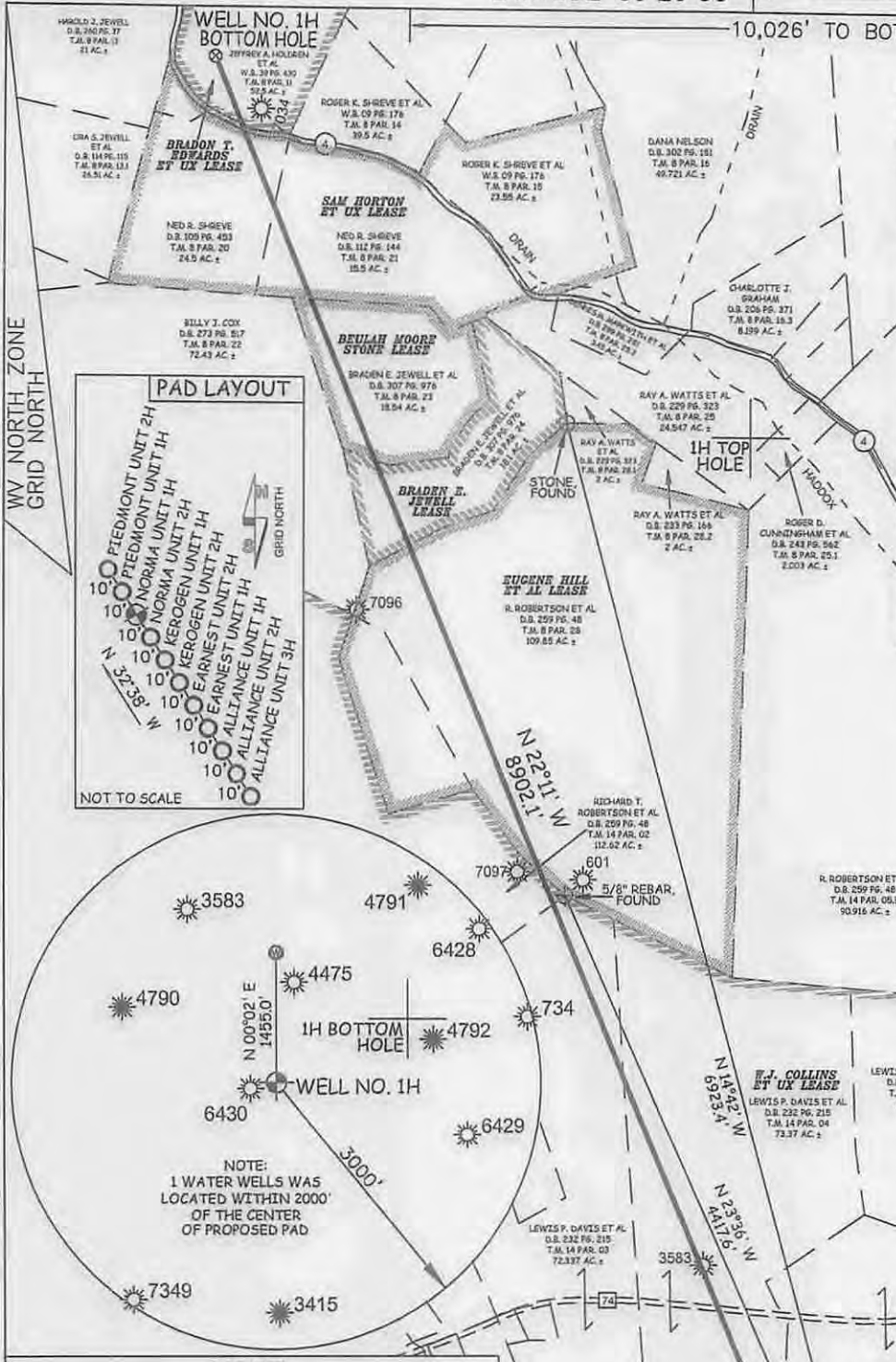
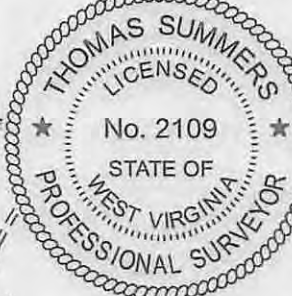
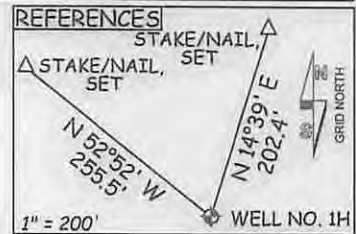
6,127'

LATITUDE 39°22'30"

Antero Resources Corporation
Well No. Norma Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 301,989ft E: 1,593,093ft
LAT: 39°19'12.70" LON: 80°56'17.96"
BOTTOM HOLE INFORMATION:
N: 310,716ft E: 1,589,331ft
LAT: 39°20'38.35" LON: 80°57'07.62"
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: 4,352,321m E: 505,331m
BOTTOM HOLE INFORMATION:
N: 4,354,960m E: 504,141m



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

JOB # 14-069WA
DRAWING # NORMA1H
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
266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

WELL NO. 1H
HAROLD H. BLOCH ET UX LEASE

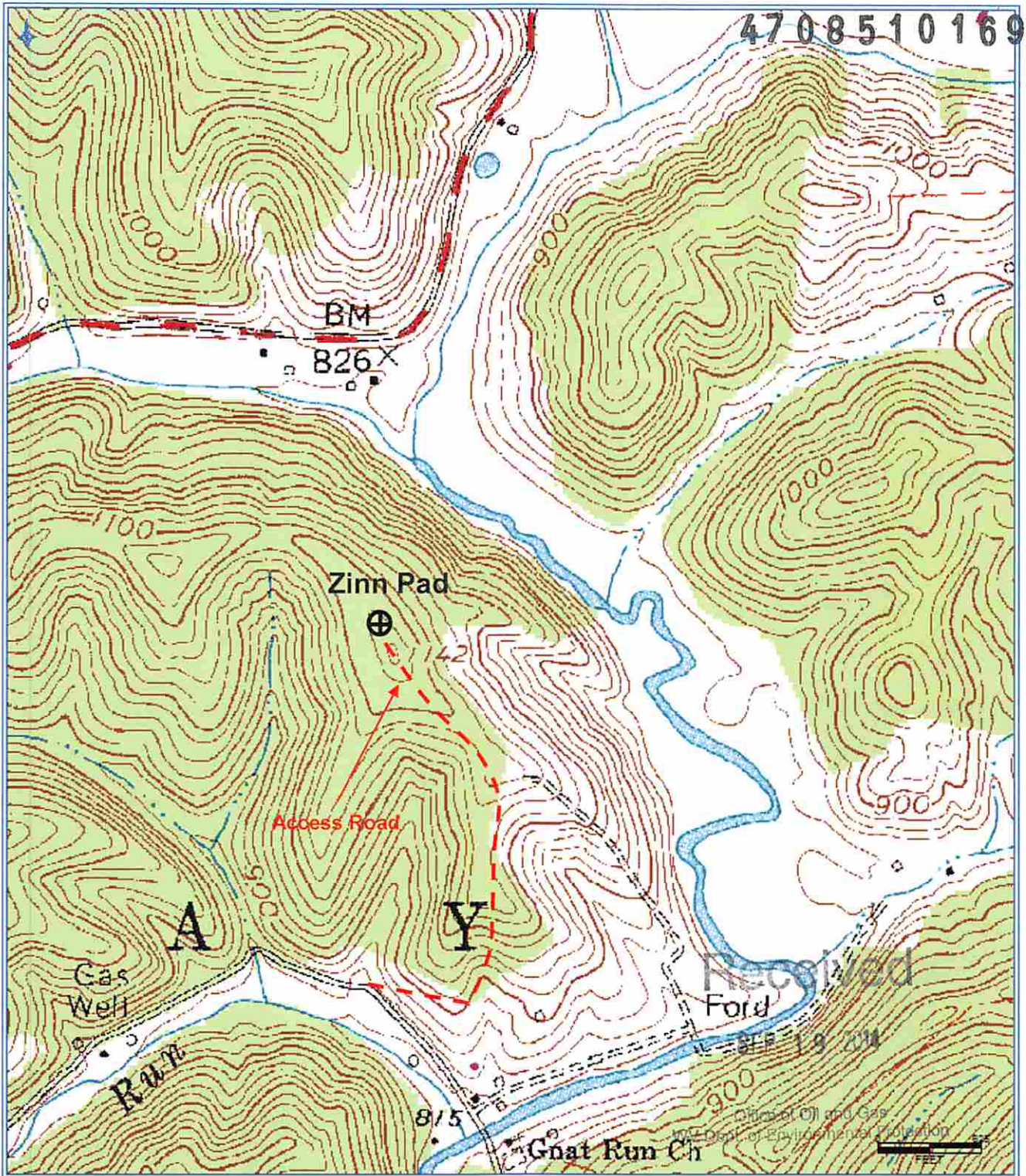
THOMAS SUMMERS P.S. 2109
DATE 07/23/14

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 1,119' WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY

SURFACE OWNER ERNEST E. ZINN ET AL ACREAGE 129.5 ACRES +/-
OIL & GAS ROYALTY OWNER HAROLD H. BLOCH ET UX; W.J. COLLINS ET UX; LEASE ACREAGE 131.5 ACRES±; 575 ACRES±;
EUGENE HILL ET AL; BRADEN E. JEWELL; BEULAH MOORE STONE; SAM HORTON ET UX; BRADON T. EDWARDS ET UX 102 ACRES±; 18.1 ACRES±; 18.54 ACRES±; 63.55 ACRES±; 52.5 ACRES±

OPERATOR'S WELL# NORMA UNIT #1H
API WELL # 47 - 085 - 10169
STATE COUNTY PERMIT COUNTY RITCHIE

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 16,100' 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



Antero Resources Corporation
 Appalachian Basin
 Norma Unit 1H
 Ritchie County

Quadrangle: Pennsboro
 Watershed: North Fork Hughes River
 District: Clay
 Date: 8-27-14