

LATITUDE 39°20'00"

6,830'

9,385' TO BOTTOM HOLE

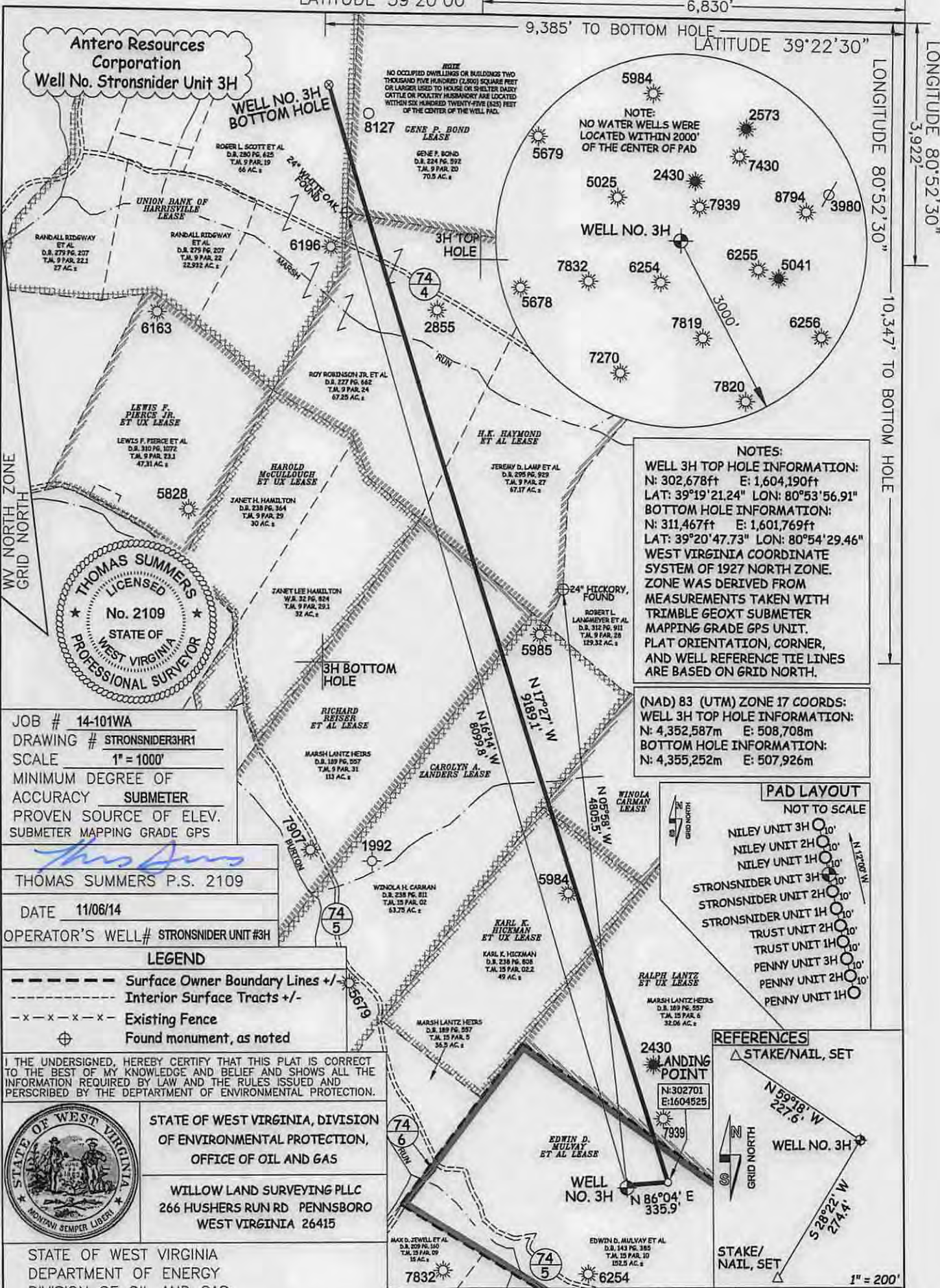
LATITUDE 39°22'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

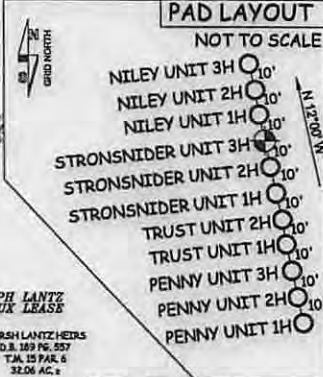
3,922'

10,347' TO BOTTOM HOLE



NOTES:
 WELL 3H TOP HOLE INFORMATION:
 N: 302,678ft E: 1,604,190ft
 LAT: 39°19'21.24" LON: 80°53'56.91"
 BOTTOM HOLE INFORMATION:
 N: 311,467ft E: 1,601,769ft
 LAT: 39°20'47.73" LON: 80°54'29.46"
 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 3H TOP HOLE INFORMATION:
 N: 4,352,587m E: 508,708m
 BOTTOM HOLE INFORMATION:
 N: 4,355,252m E: 507,926m



JOB # 14-101WA
 DRAWING # STRONSNIDER3HR1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

THOMAS SUMMERS P.S. 2109
 DATE 11/06/14
 OPERATOR'S WELL# STRONSNIDER UNIT #3H

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

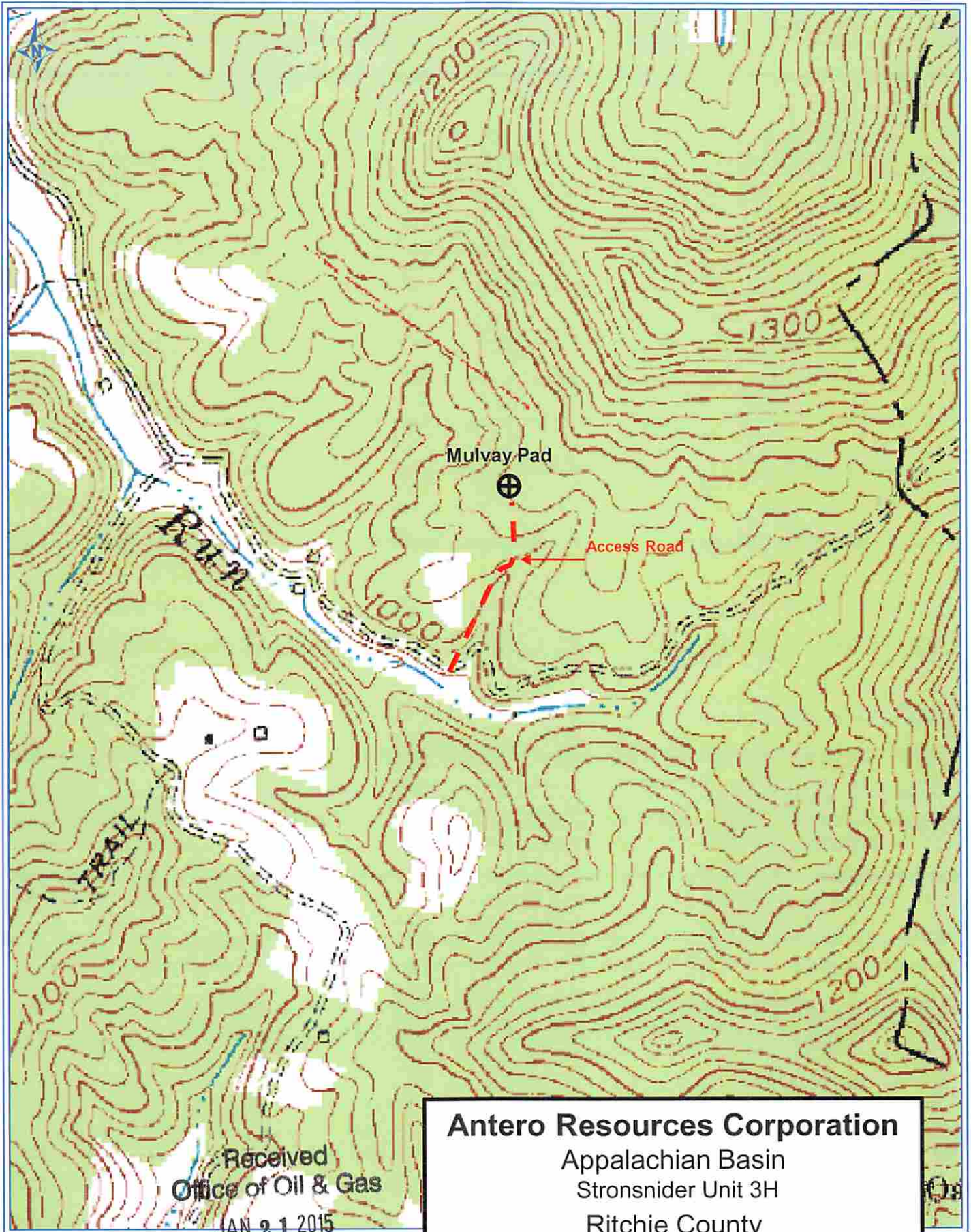
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

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 1,029' WATERSHED BURTON RUN
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER EDWIN D. MULVAY ET AL ACREAGE 152.5 ACRES +/-
 OIL & GAS ROYALTY OWNER EDWIN DELMAR MULVAY ET AL; RALPH LANTZ ET UX; KARL K. HICKMAN ET UX; LEASE ACREAGE 152 AC+; 32.06 AC+; 49.119 AC+; WINOLA CARMAN; CAROLYN A. ZANDERS; RICHARD REISER ET AL; H.K. HAYMOND ET AL; GENE P. BOND; UNION BANK OF HARRISVILLE 20.5 AC+; 124 AC+; 113 AC+; 141.5 AC+; 70.5 AC+; 148.5 AC+
 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 ESTIMATED DEPTH 6,800' TVD 16,300' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM 03/27/2015
 DENVER, CO 80202 CHARLESTON, WV 25313



Received
Office of Oil & Gas
JAN 21 2015

Antero Resources Corporation
Appalachian Basin
Stronsider Unit 3H
Ritchie County

Quadrangle: Pennsboro
Watershed: North Fork Hughes River
District: Clay
Date: 12-4-2014