

LATITUDE 39°30'00"

5,492'

783' TO BOTTOM HOLE
LATITUDE 39°27'30"

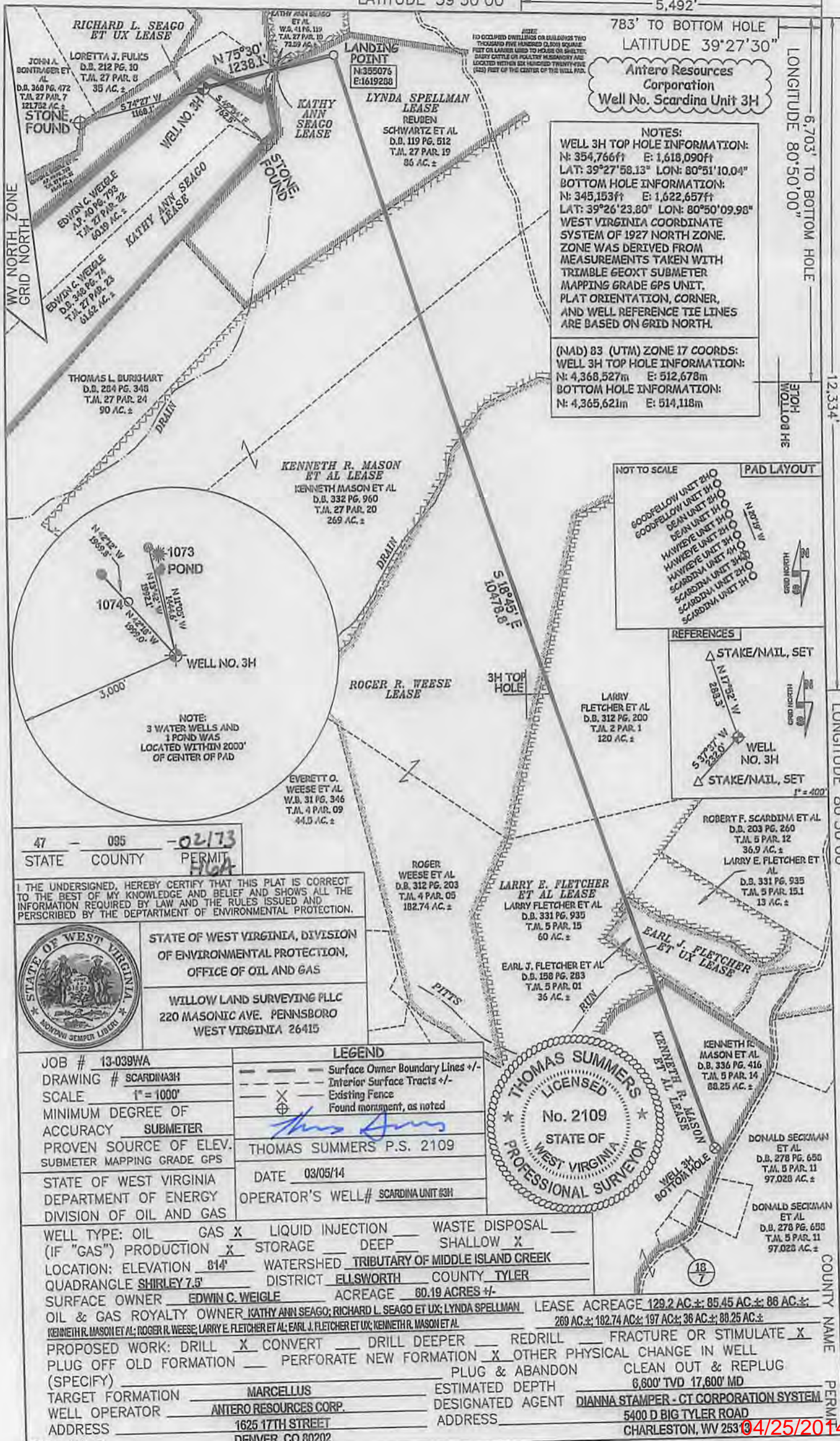
LONGITUDE 80°50'00"

12,334'

LONGITUDE 80°50'00"

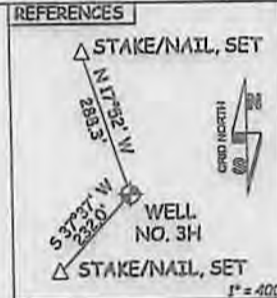
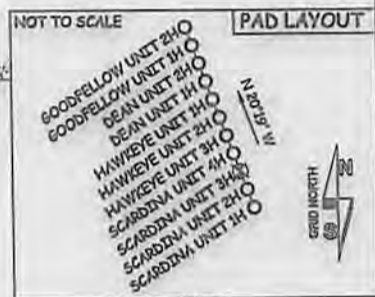
COUNTY NAME

PERMIT



NOTES:
 WELL 3H TOP HOLE INFORMATION:
 N: 354,766ft E: 1,618,090ft
 LAT: 39°27'58.13" LON: 80°51'10.04"
 BOTTOM HOLE INFORMATION:
 N: 345,153ft E: 1,622,657ft
 LAT: 39°26'23.80" LON: 80°50'09.98"
 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: 4,368,527m E: 512,678m
 BOTTOM HOLE INFORMATION:
 N: 4,365,621m E: 514,118m



47 - 095 - 02173
 STATE COUNTY PERMIT

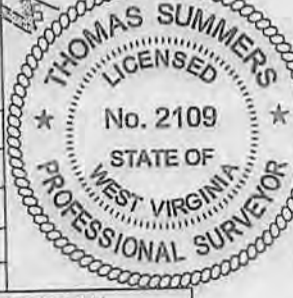
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



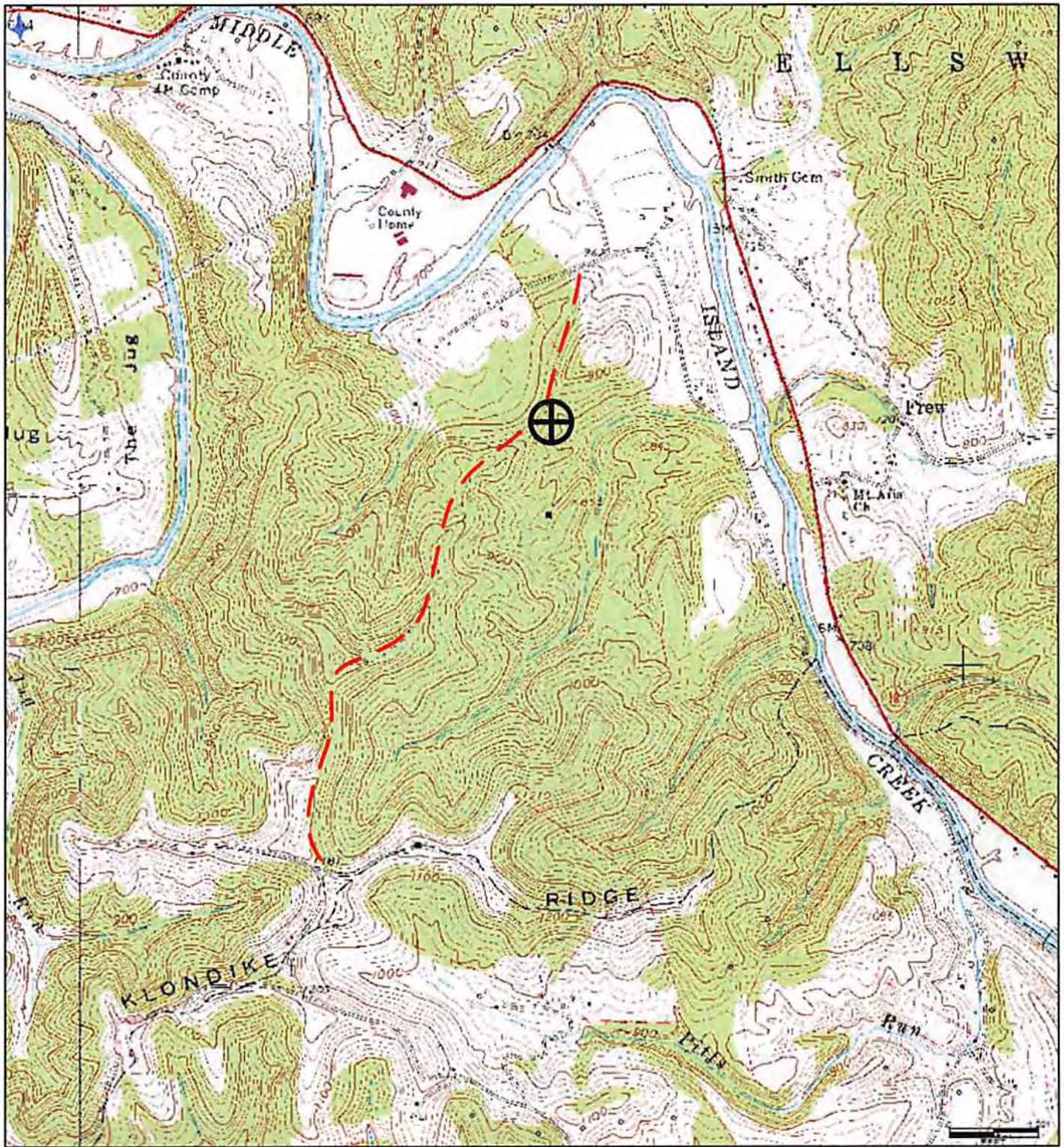
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 13-039WA
 DRAWING # SCARDINA3H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND
 --- Surface Owner Boundary Lines +/-
 --- Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted
 THOMAS SUMMERS P.S. 2109
 DATE 03/05/14
 OPERATOR'S WELL# SCARDINA UNIT 3H



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 814' WATERSHED TRIBUTARY OF MIDDLE ISLAND CREEK
 QUADRANGLE SHIRLEY 7.5 DISTRICT ELLSWORTH COUNTY TYLER
 SURFACE OWNER EDWIN C. WEIGLE ACREAGE 60.19 ACRES +/-
 OIL & GAS ROYALTY OWNER KATHY ANN SEAGO; RICHARD L. SEAGO ET UX; LYNDY SPELLMAN
 LEASE ACREAGE 129.2 AC.±; 85.45 AC.±; 86 AC.±; 269 AC.±; 182.74 AC.±; 197 AC.±; 36 AC.±; 80.25 AC.±
 KENNETH R. MASON ET AL.; ROGER R. WEESE; LARRY E. FLETCHER ET AL.; EARL J. FLETCHER ET UX; KENNETH R. MASON ET AL.
 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
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 17,600' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25304
 FORM WW-6 04/25/2014



Antero Resources Corporation
Appalachian Basin Coal and Gas
Scardina Unit 3H
Tyler County 1 4 2014

Quadrangle: Smithburg
Watershed: Gorrell Run Run - Middle Island Creek
District: Ellsworth
Date: 02/21/2014

Missouri Department of
Environmental Protection