

LATITUDE 39°30'00"

5,496'

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

Antero Resources Corporation  
Well No. Scardina Unit 4H

NOTES:  
WELL 4H TOP HOLE INFORMATION:  
N: 354,775ft E: 1,618,086ft  
LAT: 39°27'58.22" LON: 80°51'10.08"  
BOTTOM HOLE INFORMATION:  
N: 345,922ft E: 1,623,093ft  
LAT: 39°26'31.47" LON: 80°50'04.57"  
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.

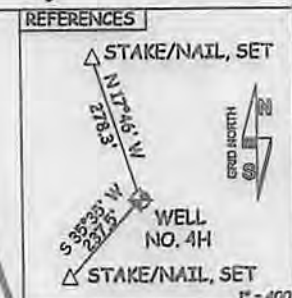
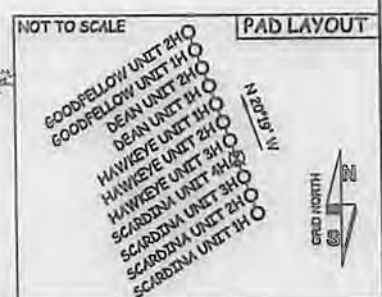
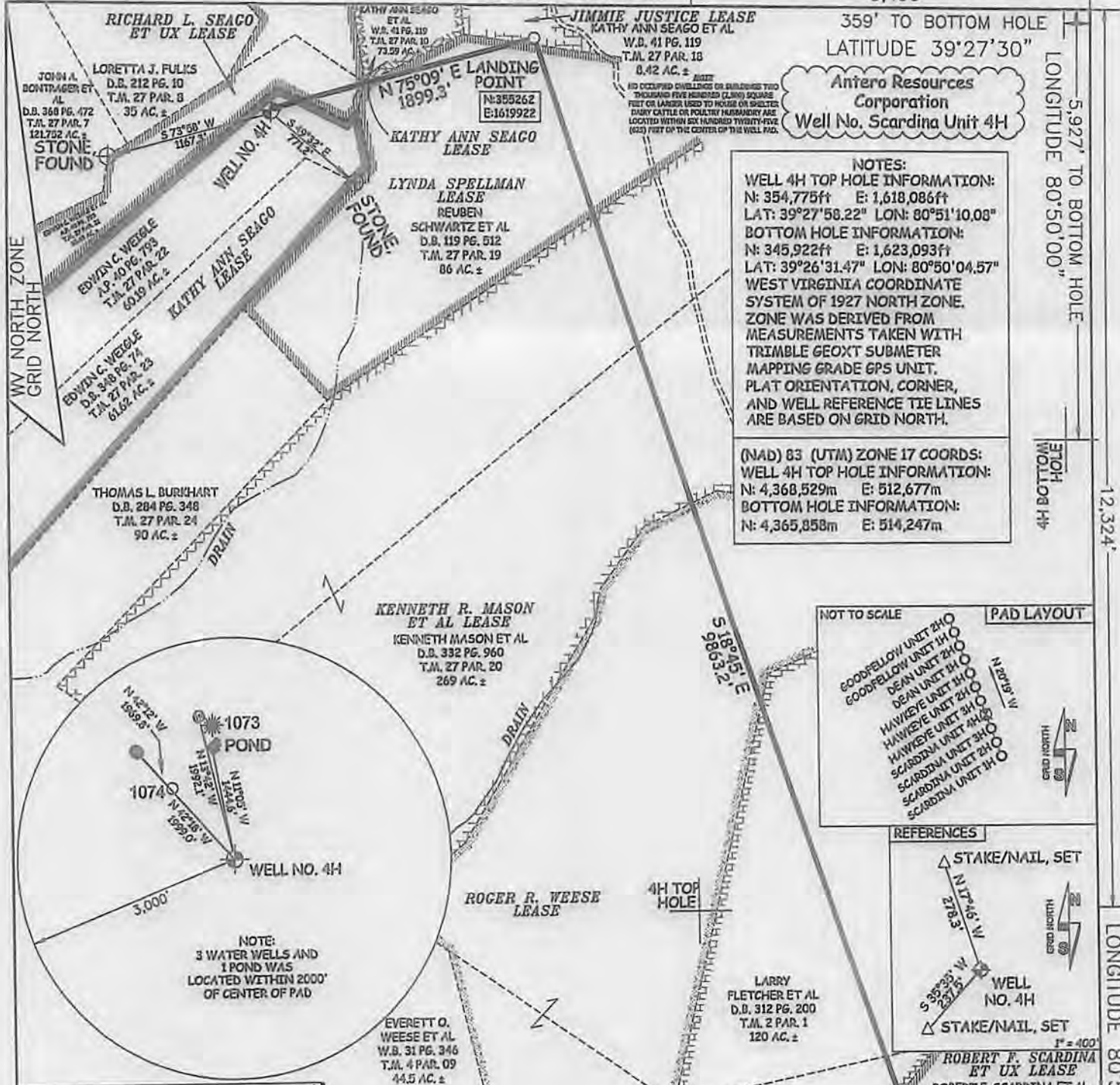
(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 4H TOP HOLE INFORMATION:  
N: 4,368,529m E: 512,677m  
BOTTOM HOLE INFORMATION:  
N: 4,365,858m E: 514,247m

LONGITUDE 80°50'00"

WELL 4H TOP HOLE

12,324'

LONGITUDE 80°50'00"



47 - 095 - 02174  
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.

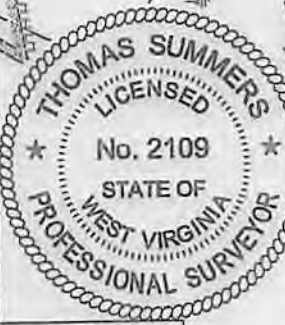


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

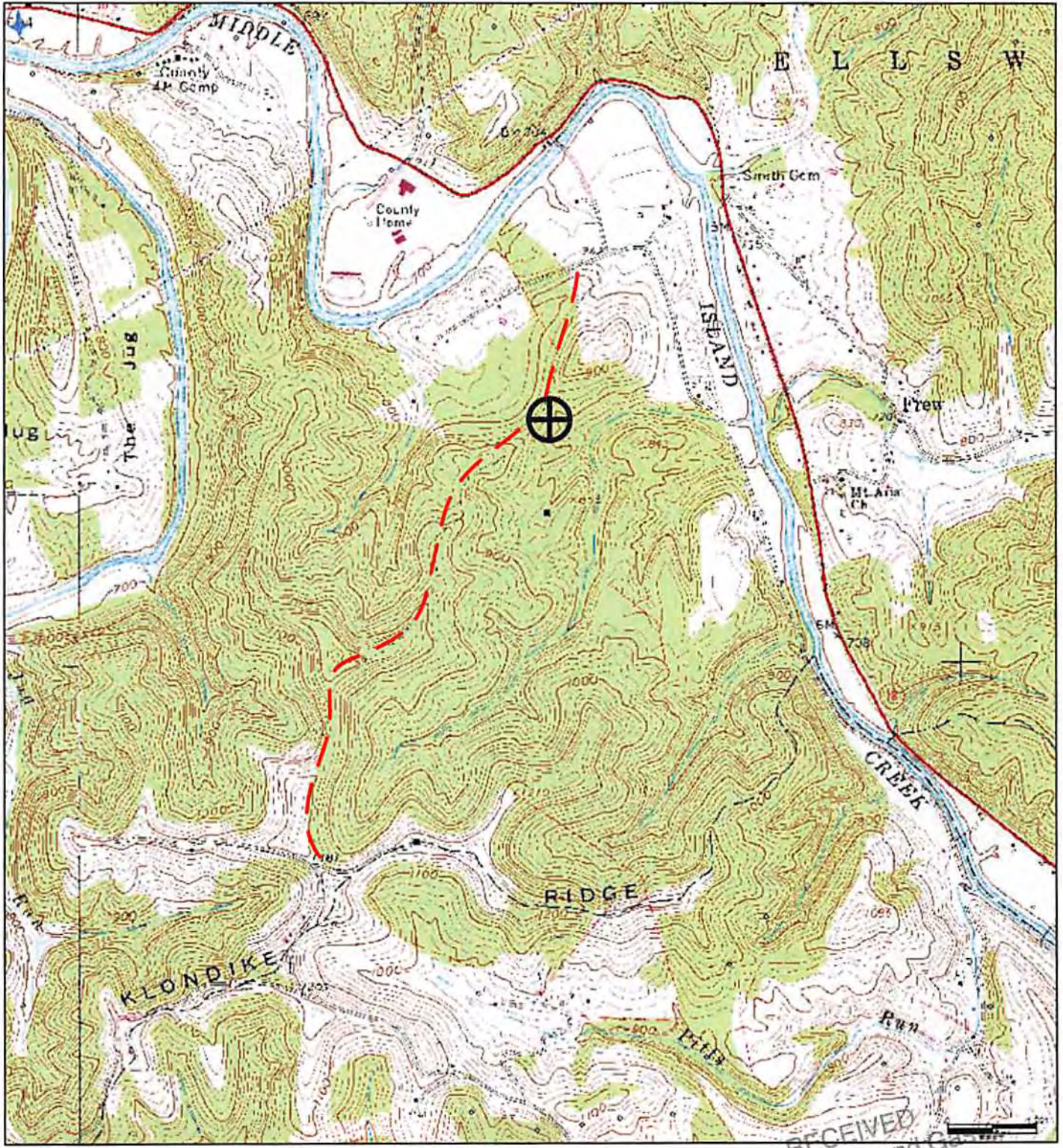
JOB # 13-039WA  
DRAWING # SCARDINA/H  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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 4H



WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 314' WATERSHED TRIBUTARY OF MIDDLE ISLAND CREEK  
QUADRANGLE SHIRLEY 7.5 DISTRICT FLSWORTH COUNTY TYLER  
SURFACE OWNER EDWIN C. WEIGLE ACREAGE 60.19 ACRES +/-  
OIL & GAS ROYALTY OWNER KATHY ANN SEAGO, RICHARD L. SEAGO ET AL, KATHY ANN SEAGO, LYNDY SPELLMAN, JIMMIE JUSTICE LEASE  
LEASE ACREAGE 129.2 AC +/- 85.45 AC +/- 73.50 AC +/- 85 AC +/-  
0.42 AC +/- 289 AC +/- 182.74 AC +/- 197 AC +/- 39,900.25 AC +/- 26 AC +/- 88.25 AC +/-  
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 17,000' 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 25313

04/25/2014



RECEIVED  
 Department of Oil and Gas  
 MAR 14 2014  
 WV Department of  
 Environmental Protection

**Antero Resources Corporation**  
 Appalachian Basin  
 Scardina Unit 4H  
 Tyler County

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