

LATITUDE 39°27'30"

7,389'

6,744' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°42'30"

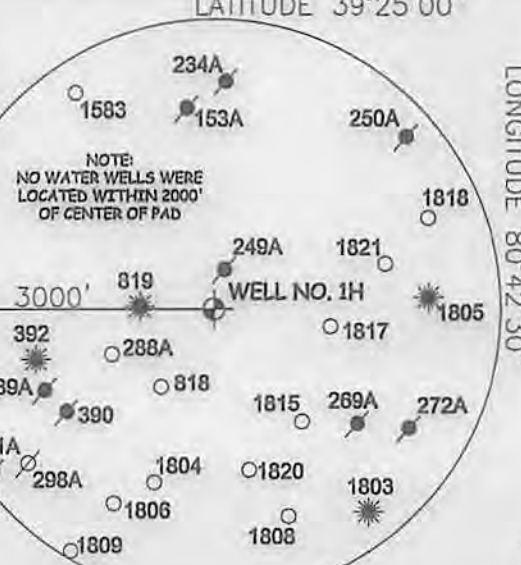
12,693'

LONGITUDE 80°42'30"

COUNTY NAME

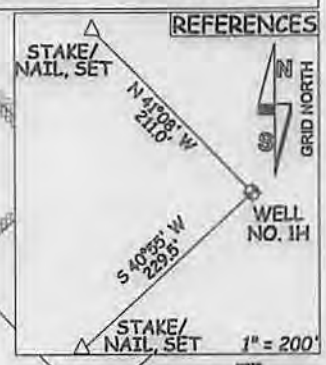
PERMIT

Antero Resources Corporation Well No. James Gray Unit 1H

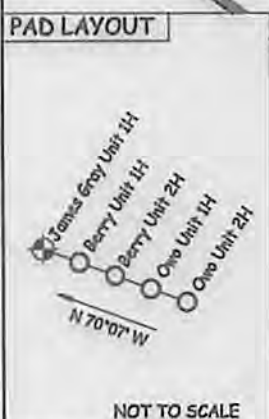
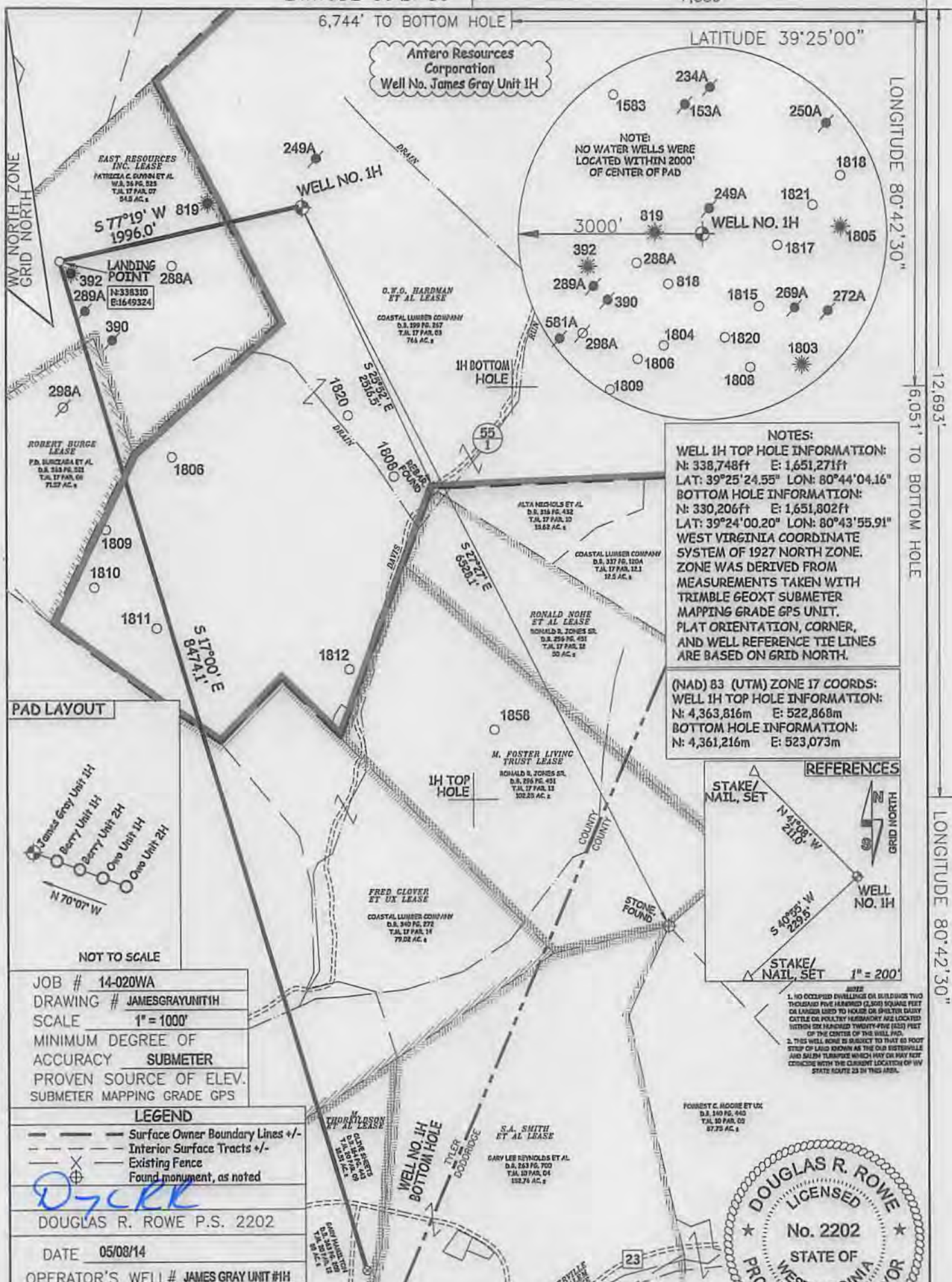


NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 338,748ft E: 1,651,271ft
 LAT: 39°25'24.55" LON: 80°44'04.16"
 BOTTOM HOLE INFORMATION:
 N: 330,206ft E: 1,651,802ft
 LAT: 39°24'00.20" LON: 80°43'55.91"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,363,816m E: 522,868m
 BOTTOM HOLE INFORMATION:
 N: 4,361,216m E: 523,073m



- NOTES:
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,000) SQUARE FEET OR LARGER USED TO HOUSE OR SHUTTER DAIRY CATTLE OR POLYTRY HERDSTOCK ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 2. THIS WELL PAD IS SUBJECT TO THE 60 FOOT STRIP OF LAND KNOWN AS THE OLD SISTERVILLE AND SALEM TURNPIKE WHICH MAY OR MAY NOT COINCIDE WITH THE CURRENT LOCATION OF WV STATE ROUTE 23 IN THIS AREA.



NOT TO SCALE
 JOB # 14-020WA
 DRAWING # JAMESGRAYUNIT1H
 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 Existing Fence
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
 DATE 05/08/14
 OPERATOR'S WELL # JAMES GRAY UNIT #1H

STATE OF WEST VIRGINIA API WELL # 47 095 -02187 H6A
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS STATE COUNTY PERMIT
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,164' WATERSHED DAVIS RUN
 QUADRANGLE CENTERPOINT 7.5' DISTRICT MCELROY COUNTY TYLER
 SURFACE OWNER COASTAL LUMBER COMPANY ACREAGE 766 ACRES +/-
 OIL & GAS ROYALTY OWNER O.W.O. HARDMAN; EAST RESOURCES INC.; ROBERT BURGE;
 FRED GLOVER ET UX; M. THORKINDSON ET AL

LEASE ACREAGE 952.3 AC±; 100 AC±; 77.28 AC±; 263.67 AC±; 125.91 AC±
 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)
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 17,500' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

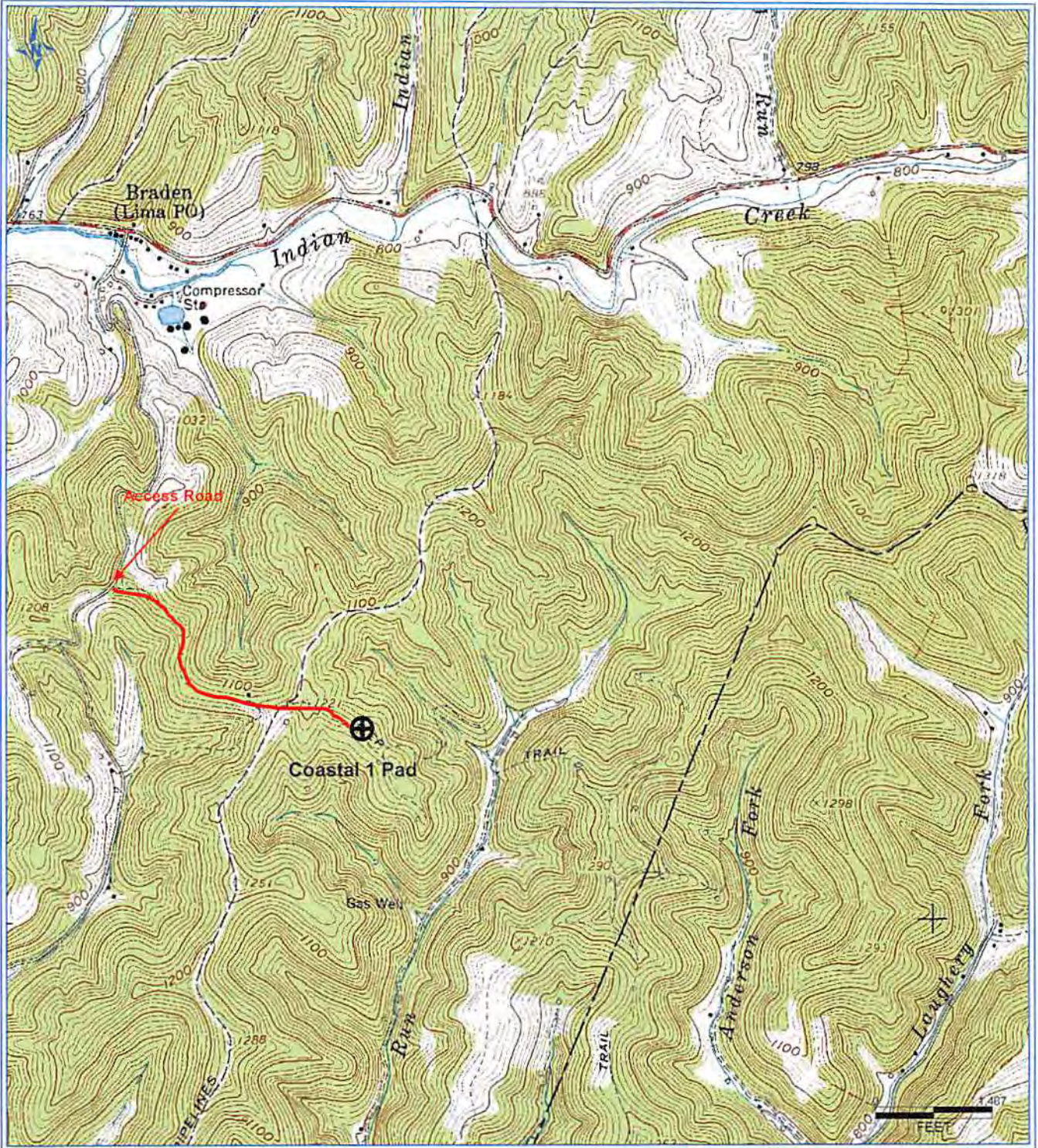
THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

08/22/2014

4709502187



Antero Resources Corporation
Appalachian Basin
James Gray Unit 1H
Tyler County
Office of Oil and Gas
RECEIVED
MAY 15 2014

Quadrangle: Center Point
Watershed: Outlet McElroy Creek
District: McElroy
Date: 11-01-2013

WV Department of
Environmental Protection