

LATITUDE 39°27'30"

7,389'

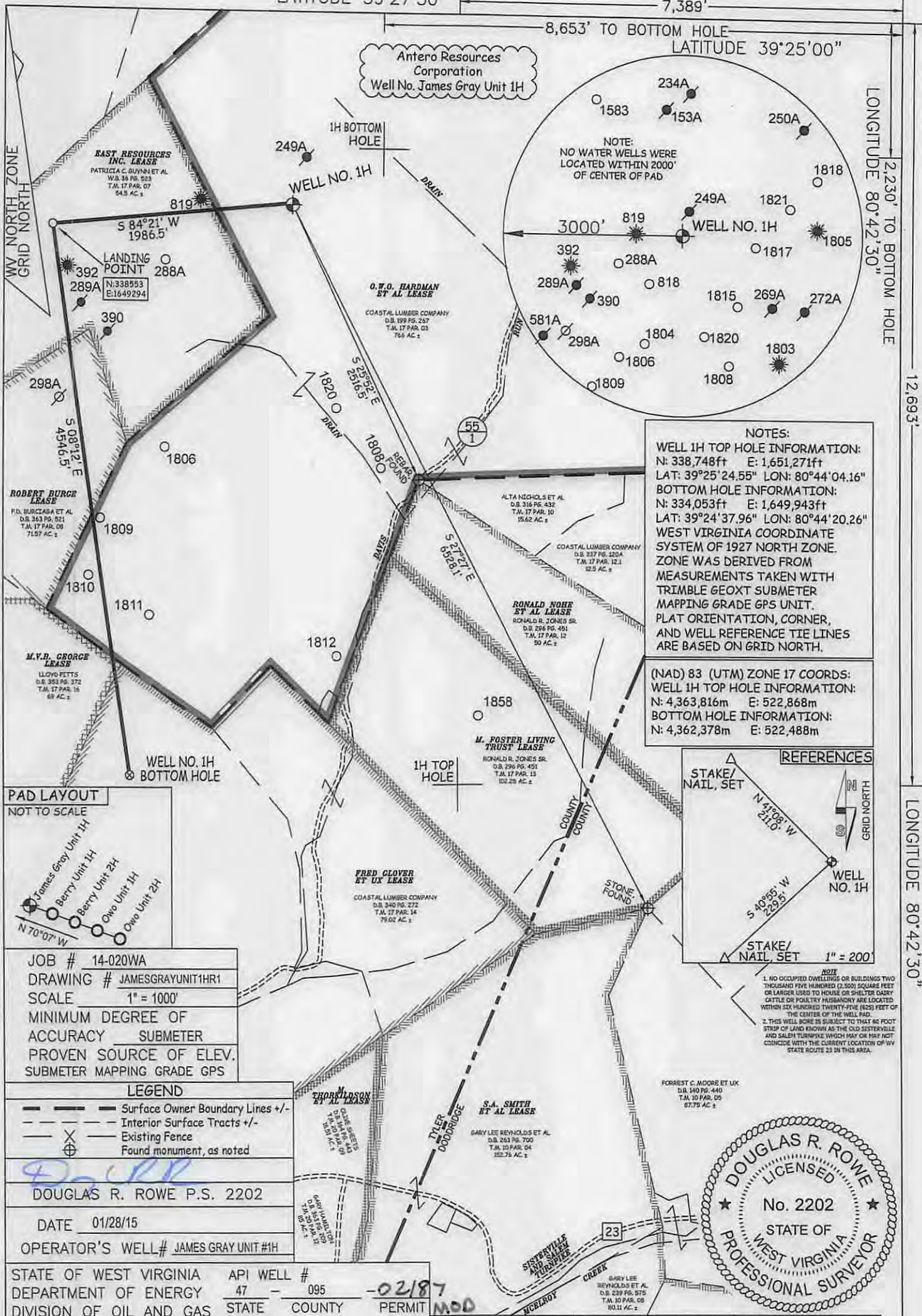
8,653' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°42'30"

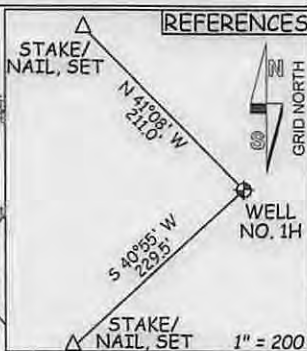
12,693'

LONGITUDE 80°42'30"

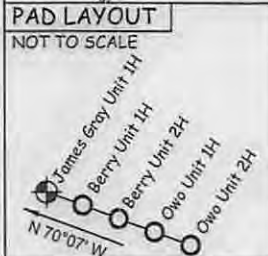


NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 338,748ft E: 1,651,271ft
 LAT: 39°25'24.55" LON: 80°44'04.16"
 BOTTOM HOLE INFORMATION:
 N: 334,053ft E: 1,649,943ft
 LAT: 39°24'37.96" LON: 80°44'20.26"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,362,378m E: 522,488m



NOTE
 1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 2. THIS WELL BORE IS SUBJECT TO THAT 86 FOOT STRIP OF LAND KNOWN AS THE OLD SISTERVILLE AND SALEN TURNPIKE WHICH MAY OR MAY NOT COINCIDE WITH THE CURRENT LOCATION OF WV STATE ROUTE 23 IN THIS AREA.



JOB # 14-020WA
 DRAWING # JAMESGRAYUNIT1HR1
 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 01/28/15
 OPERATOR'S WELL# JAMES GRAY UNIT #1H

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 API WELL # 47 - 095 - 02187
 STATE COUNTY PERMIT MOD

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 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; M.V.B. GEORGE; FRED GLOVER ET UX

LEASE ACREAGE 952.3 AC±; 100 AC±; 77.26 AC±; 300 AC±; 263.67 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 7,400' TVD 18,400' 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

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

02/06/2015