

LATITUDE 39°17'30"

6,8941' TO TOP HOLE

9,085' TO BOTTOM HOLE

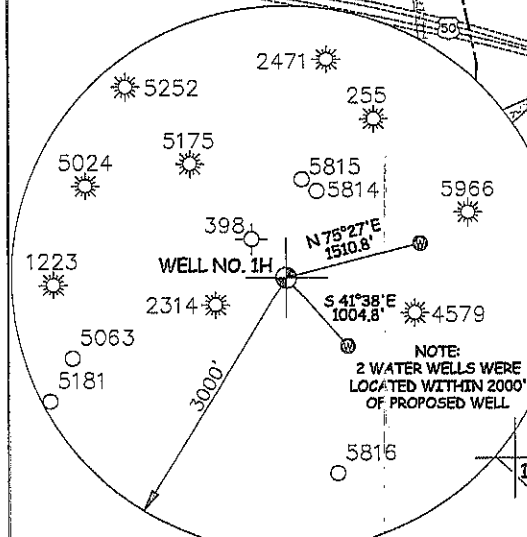
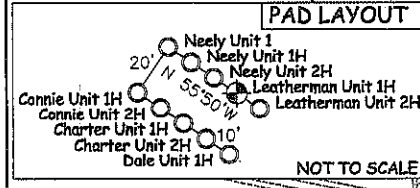
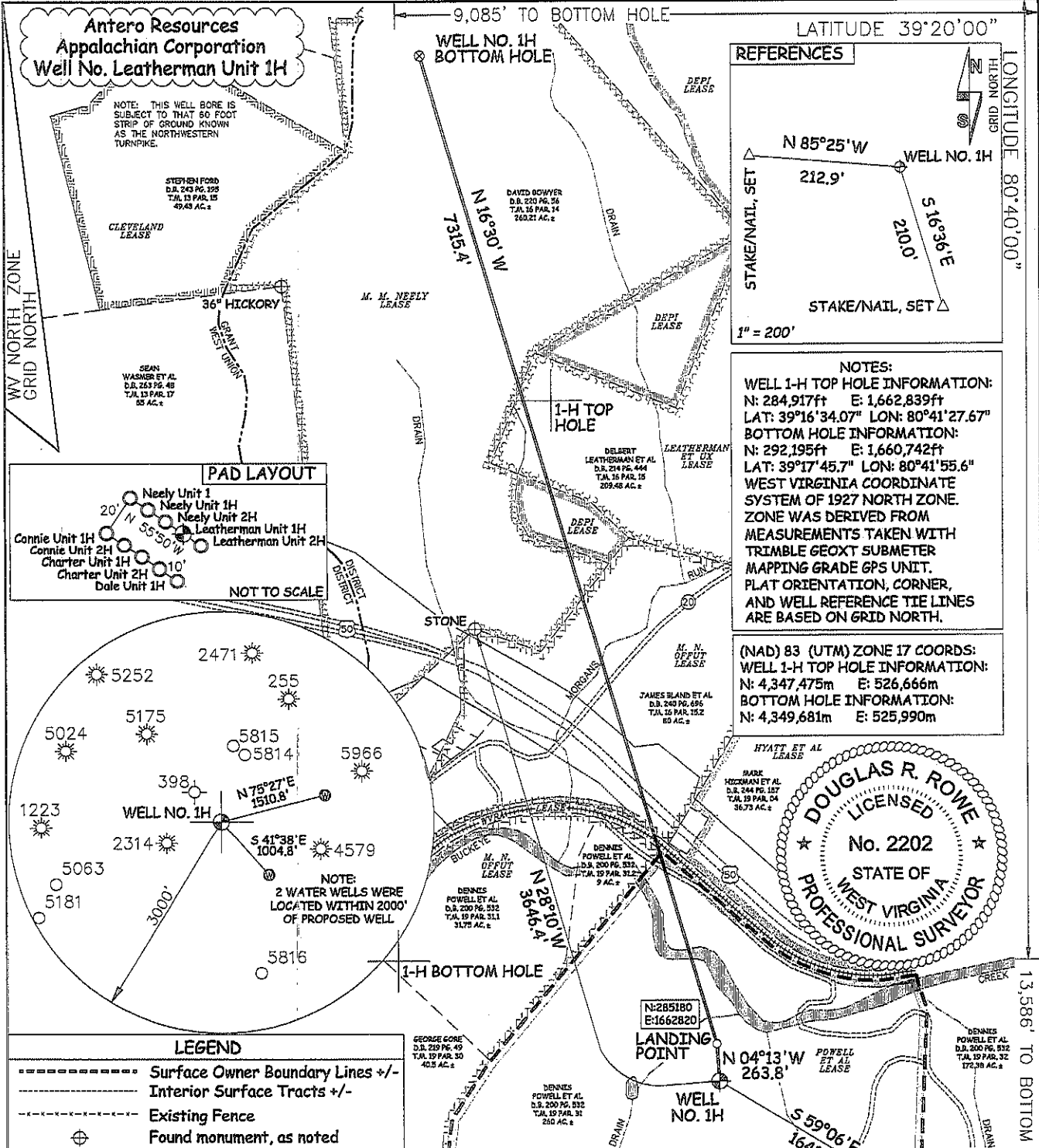
LATITUDE 39°20'00"

LONGITUDE 80°40'00"

LONGITUDE 80°40'00"

5,659' TO TOP HOLE

13,586' TO BOTTOM HOLE



LEGEND

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

JOB # 12-002
 DRAWING # LEATHERMANUNIT1HP
 SCALE 1" = 1000'

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 REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

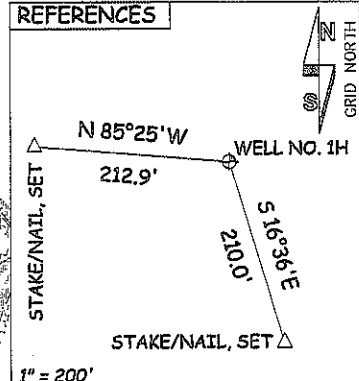
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 881' WATERSHED BUCKEYE CREEK DISTRICT GRANT

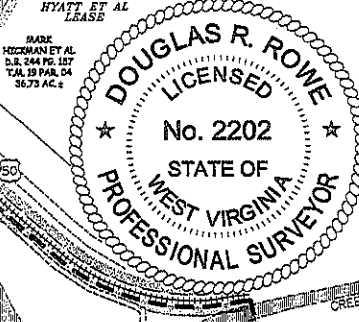
QUADRANGLE SMITHBURG 7.5
 SURFACE OWNER DENNIS H. AND MELLIE POWELL ACREAGE 260 ACRES +/-
 OIL & GAS ROYALTY OWNER DENNIS POWELL ET AL; M. N. OFFUTT ET AL; WEST VIRGINIA LEASE ACREAGE 260.8 AC; 204 AC; 301.19 AC;
 STATE RAIL AUTHORITY: M. M. NEELY ET AL; DOMINION EXPROATION AND PRODUCTION INC.; ROSS LEATHERMAN ET UX 259 AC; 71 AC; 150 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)
 PLUG & ABANDON CLEAN OUT & REPLUG ESTIMATED DEPTH 7,200' TVD 15,000' MD
 TARGET FORMATION MARCELLUS
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

FORM WW-6



NOTES:
 WELL 1-H TOP HOLE INFORMATION:
 N: 284,917ft E: 1,662,839ft
 LAT: 39°16'34.07" LON: 80°41'27.67"
 BOTTOM HOLE INFORMATION:
 N: 292,195ft E: 1,660,742ft
 LAT: 39°17'45.7" LON: 80°41'55.6"
 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.

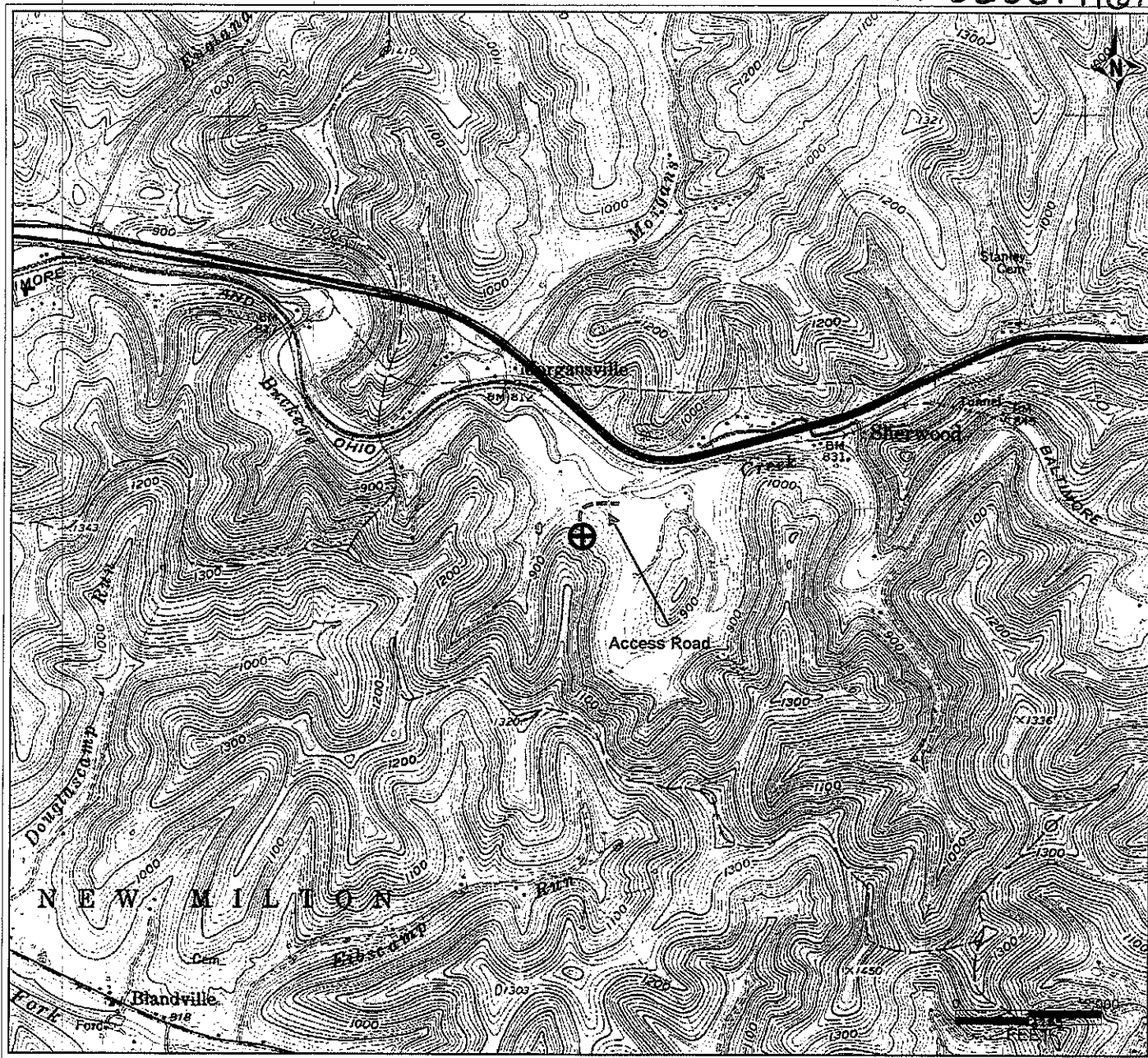
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1-H TOP HOLE INFORMATION:
 N: 4,347,475m E: 526,666m
 BOTTOM HOLE INFORMATION:
 N: 4,349,681m E: 525,990m



DOUGLAS R. ROWE P.S. 2202
 DATE 05/14/12
 OPERATOR'S WELL# LEATHERMAN UNIT 1H
 API WELL # 47-017-06084H6A
 STATE COUNTY PERMIT

COUNTY NAME PERMIT

17-06084 H6A



Antero Resources Corporation
APPALACHIAN BASIN
Leatherman Unit 1H Doddridge County
0 2,000 4,000 FEET
REMARKS QUADRANGLE: SMITHBURG WATERSHED: BUCKEYE CREEK DISTRICT: GRANT
Date: 01/23/12