

LATITUDE 39°12'30" 1,719'

7,474' TO BOTTOM HOLE

LATITUDE 39°12'30"

185' TO BOTTOM HOLE

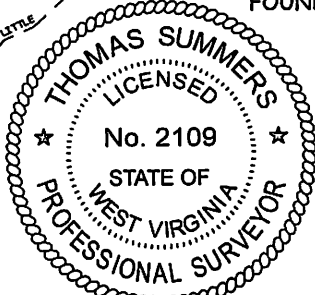
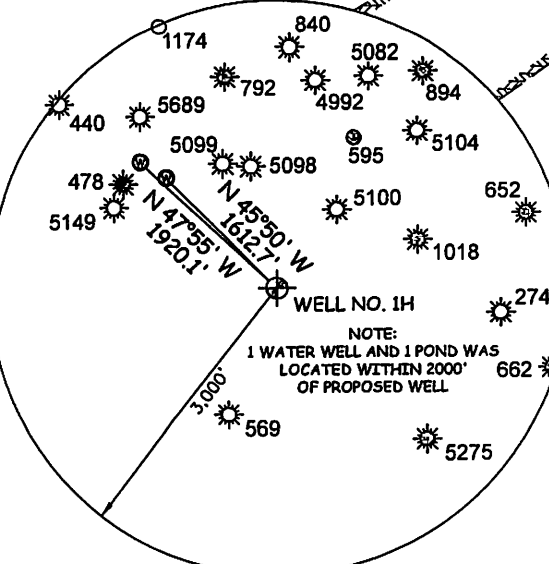
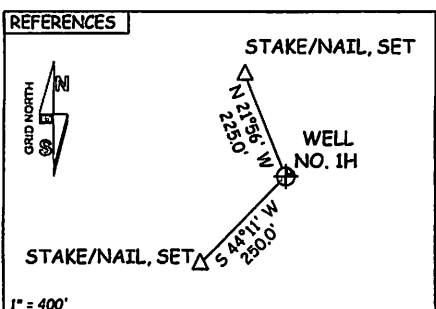
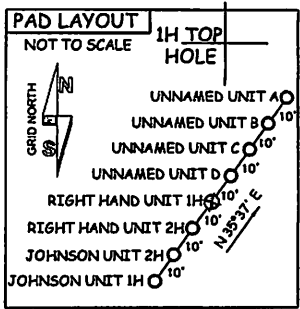
LONGITUDE 80°42'30"

6,846'

LONGITUDE 80°42'30"

NOTES:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 253,470ft E: 1,655,794ft  
 LAT: 39°11'22.33" LON: 80°42'51.84"  
 BOTTOM HOLE INFORMATION:  
 N: 260,209ft E: 1,650,130ft  
 LAT: 39°12'28.17" LON: 80°44'04.95"  
 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: 4,337,859m E: 524,680m  
 BOTTOM HOLE INFORMATION:  
 N: 4,339,883m E: 522,920m



JOB # 12-087WA  
 DRAWING # RIGHTHAND1HR1  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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.



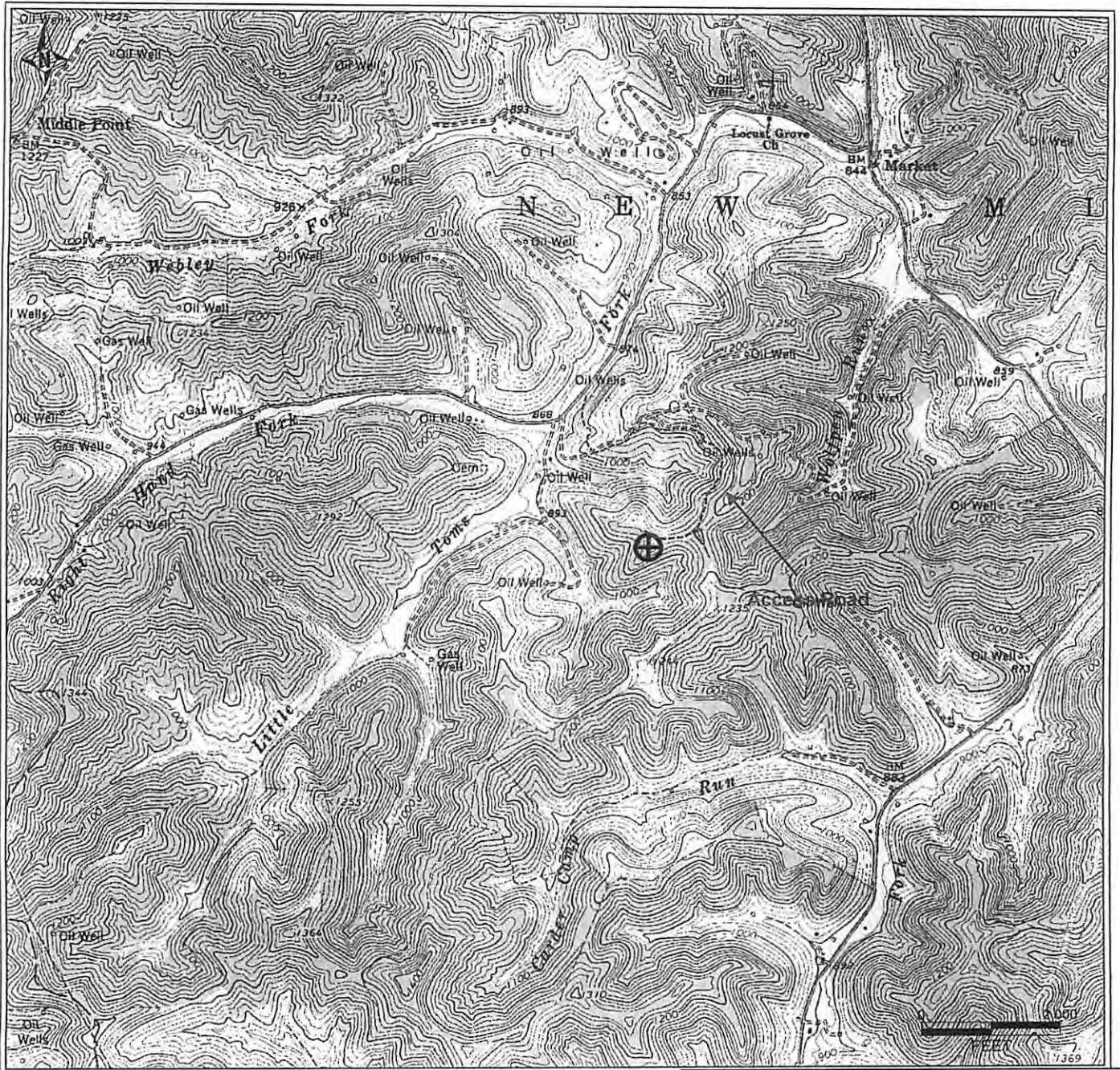
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109  
 DATE 11/02/12  
 OPERATOR'S WELL# RIGHT HAND UNIT #1H  
 API WELL # 47 - 017 - 6173 H6A  
 STATE COUNTY PERMIT  
 COUNTY NAME  
 PERMIT

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 1,156' WATERSHED TRIBUTARY OF LITTLE TOMS FORK  
 QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE  
 SURFACE OWNER RICHARD G. ROBINSON ACREAGE 158.54 ACRES +/-  
 OIL & GAS ROYALTY OWNER H.G. ROBINSON ET UX; PAUL ROBINSON ET AL; LEASE ACREAGE 169.8 ACRES+; 80 ACRES+; 220 ACRES+; 237 ACRES+  
 PAUL ROBINSON ET AL; PAUL ROBINSON ET AL  
 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  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 16,200' MD  
 DIANNA STAMPER  
 CT CORPORATION SYSTEM  
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313  
 ADDRESS 1625 17TH STREET DENVER, CO 80202

02/01/2013



PETRA 6/26/2012 4:52:45 PM

Antero Resources Corporation
APPALACHIAN BASIN
Right Hand Unit 1H Doddridge County
REMARKS QUADRANGLE: NEW MILTON WATERSHED: TRIB. OF LITTLE TOMS FORK DISTRICT: NEW MILTON
Date: 11/6/2012