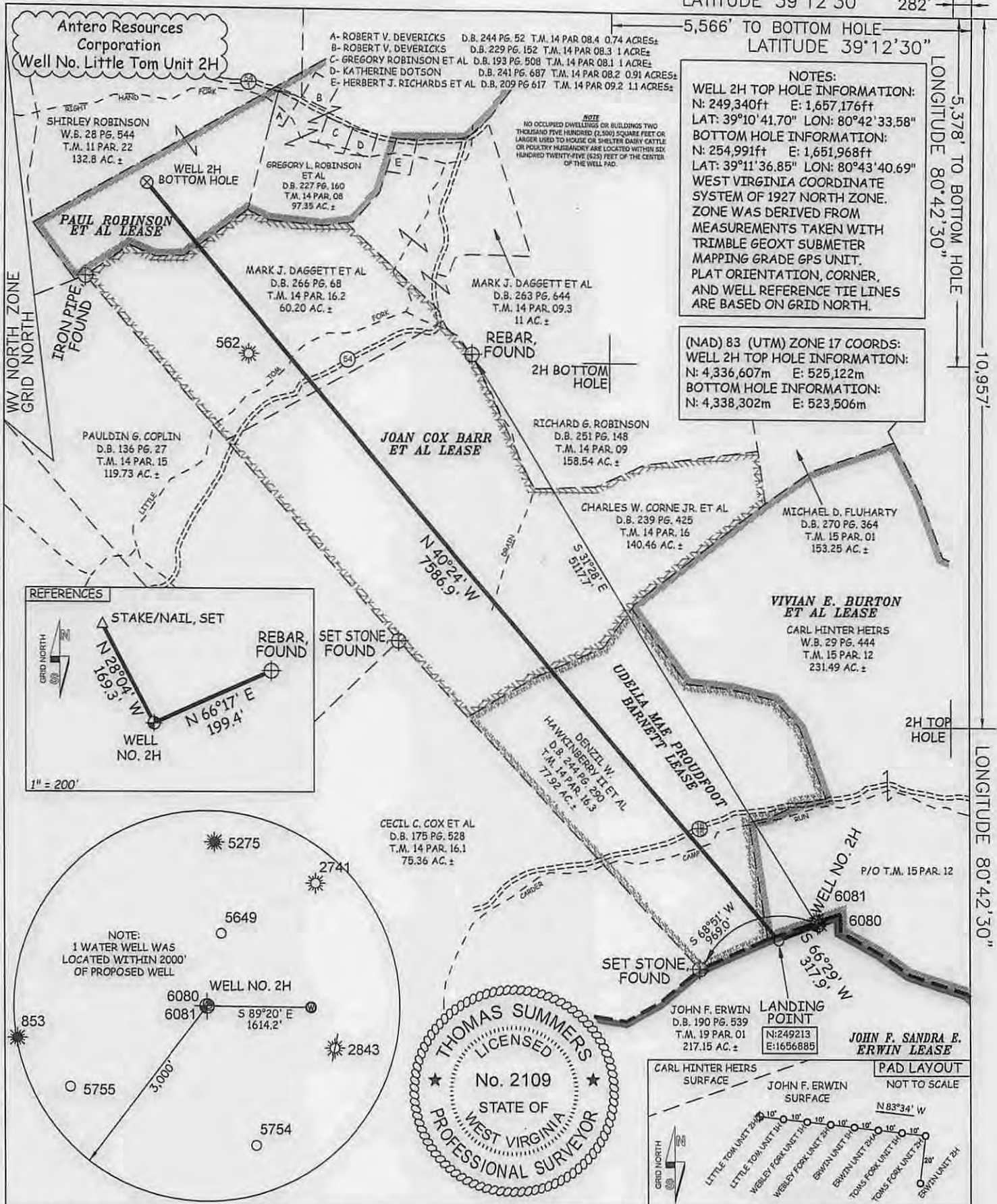


LATITUDE 39°12'30" 282'

5,378' TO BOTTOM HOLE  
LONGITUDE 80°42'30"

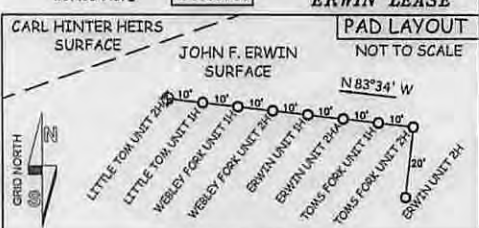
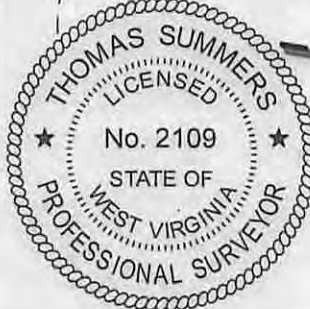
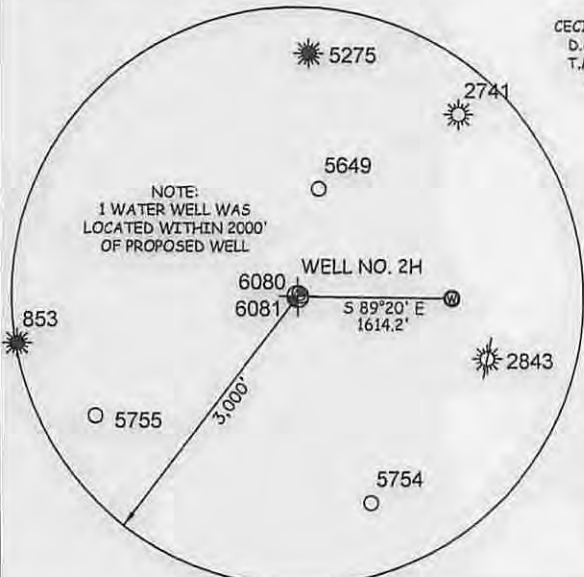
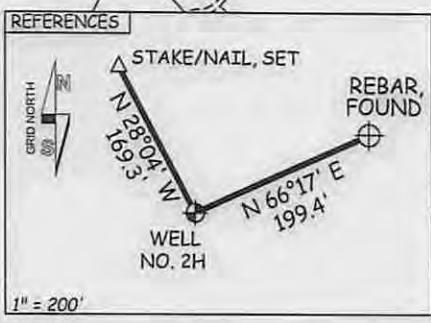
10,957'

LONGITUDE 80°42'30"



NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 249,340ft E: 1,657,176ft  
 LAT: 39°10'41.70" LON: 80°42'33.58"  
 BOTTOM HOLE INFORMATION:  
 N: 254,991ft E: 1,651,968ft  
 LAT: 39°11'36.85" LON: 80°43'40.69"  
 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 2H TOP HOLE INFORMATION:  
 N: 4,336,607m E: 525,122m  
 BOTTOM HOLE INFORMATION:  
 N: 4,338,302m E: 523,506m



JOB # 12-069WA  
 DRAWING # LITTLE TOM 2HR1  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

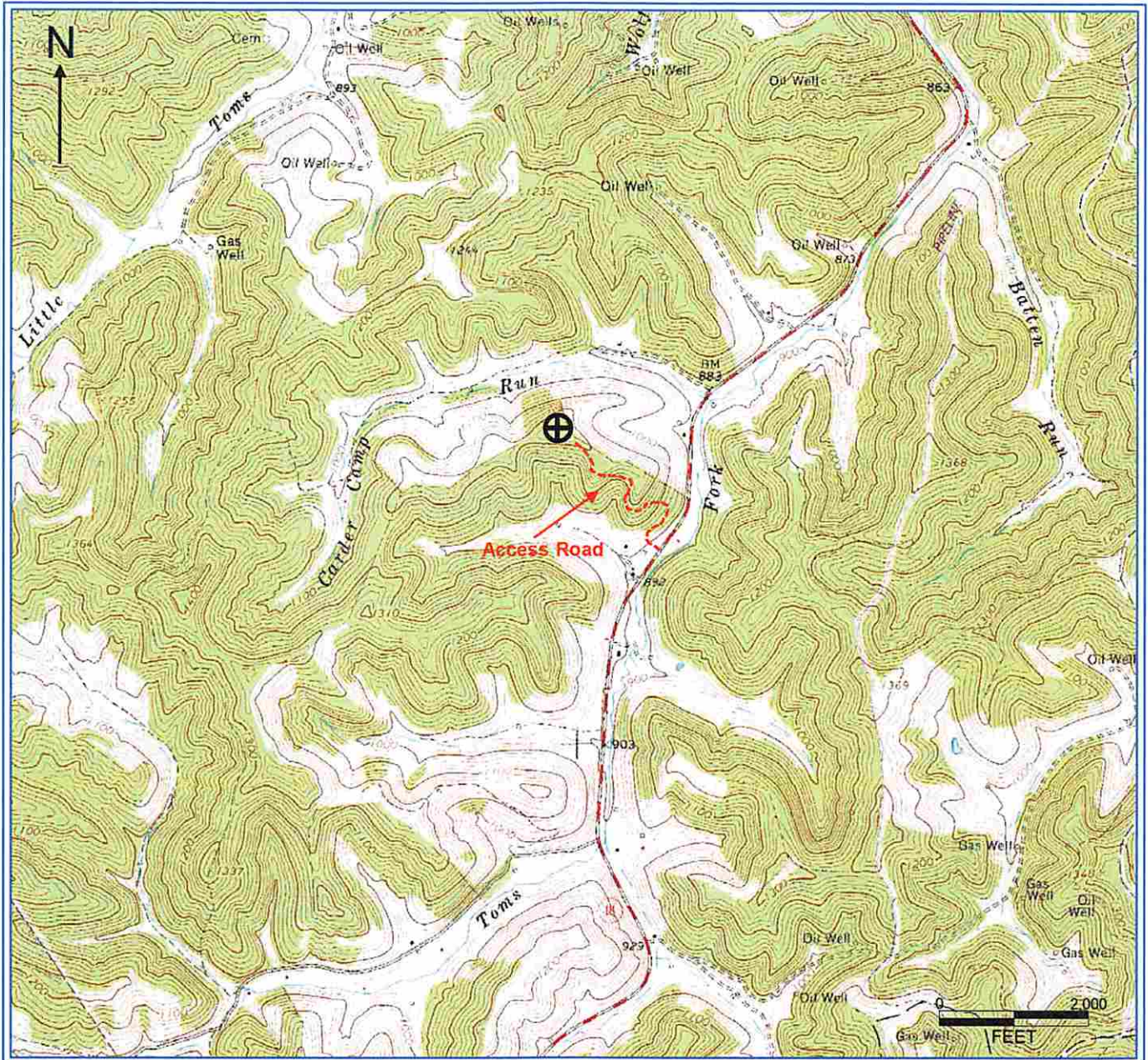
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

LEGEND  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 X Existing Fence  
 ⊕ Found monument, as noted  
 THOMAS SUMMERS P.S. 2109

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS  
 WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1,227' WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
 QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE  
 SURFACE OWNER JOHN F. ERWIN ACREAGE 217.15 ACRES +/-  
 OIL & GAS ROYALTY OWNER JOHN F. & SANDRA E. ERWIN; VIVIAN E. BURTON ET AL; LEASE ACREAGE 218 ACRES+; 241 ACRES+;  
 UDELLA MAE PROUDFOOT BARNETT; JOAN COX BARR ET AL; PAUL ROBINSON ET AL 83.109 ACRES+; 209,549 ACRES+; 80 ACRES+  
 PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_  
 TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG  
 ESTIMATED DEPTH 7,100' TVD 15,000' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313

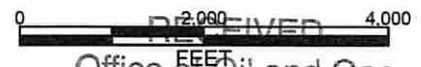


PETRA 1/4/2012 10:17:06 AM

**Antero Resources Corporation**

APPALACHIAN BASIN

Little Tom Unit 2H  
Doddridge County



Office of Oil and Gas

REMARKS  
QUADRANGLE: NEW MILTON  
WATERSHED: TOMS FORK  
DISTRICT: NEW MILTON

WV Department of  
Environmental Protection  
Date: 2/18/2015