

LATITUDE 39°20'00"

6,132'

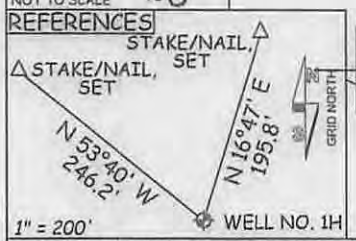
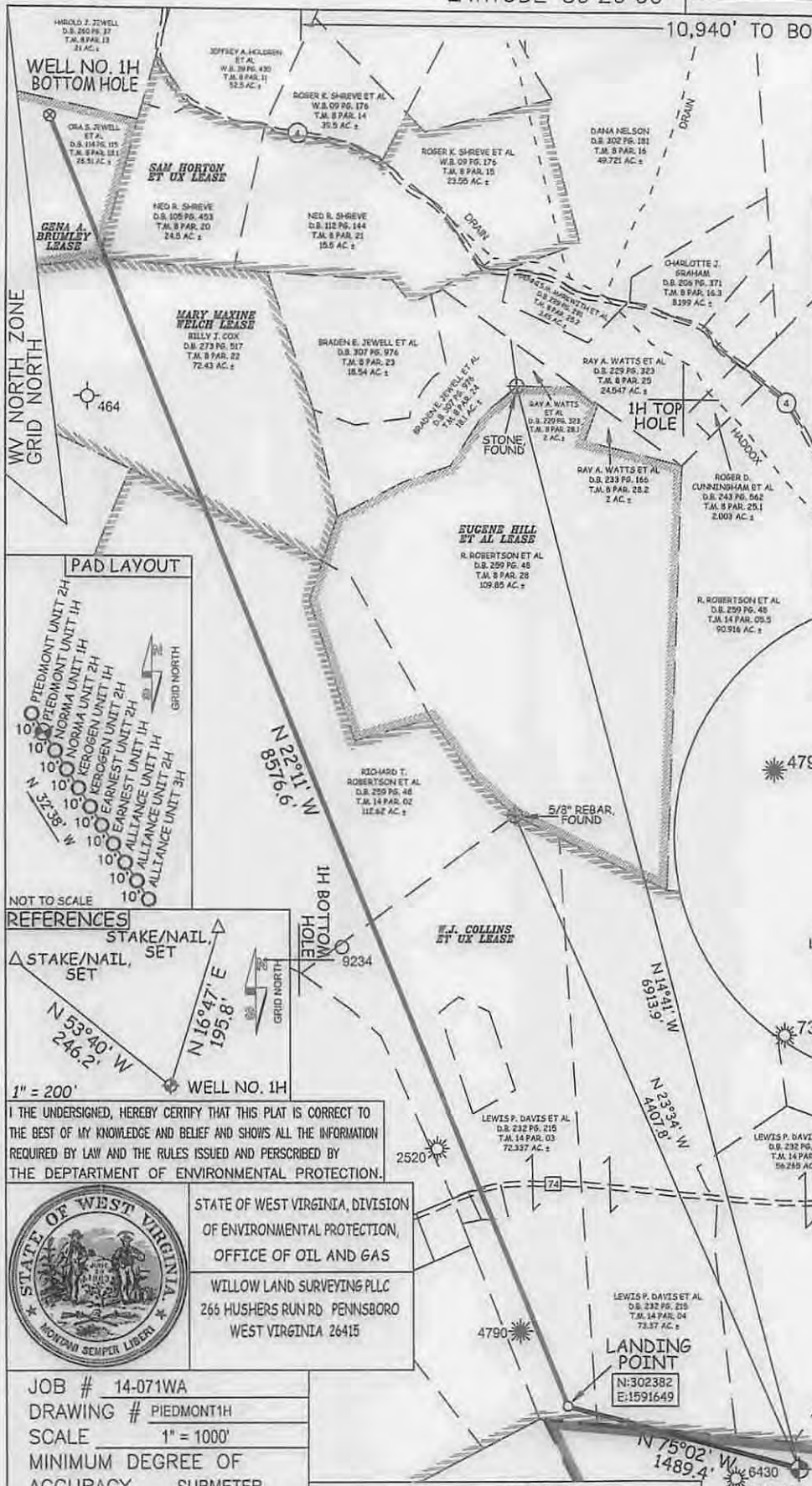
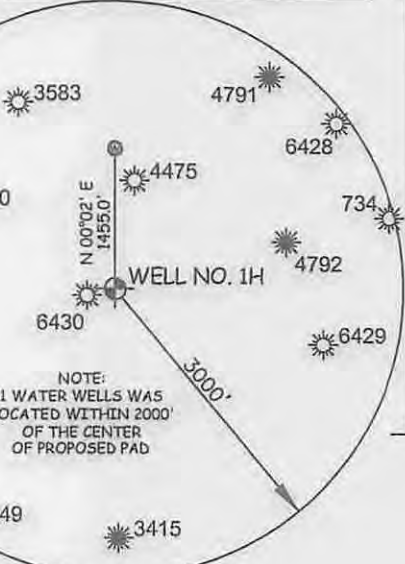
10,940' TO BOTTOM HOLE

LATITUDE 39°22'30"

Antero Resources Corporation  
Well No. Piedmont Unit 1H

NOTES:  
WELL 1H TOP HOLE INFORMATION:  
N: 301,997ft E: 1,593,088ft  
LAT: 39°19'12.78" LON: 80°56'18.03"  
BOTTOM HOLE INFORMATION:  
N: 310,324ft E: 1,588,411ft  
LAT: 39°20'34.33" LON: 80°57'19.25"  
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.

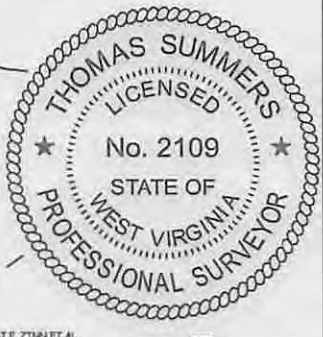
(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 1H TOP HOLE INFORMATION:  
N: 4,352,323m E: 505,330m  
BOTTOM HOLE INFORMATION:  
N: 4,354,836m E: 503,862m



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  
265 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415



JOB # 14-071WA  
DRAWING # PIEDMONT1H  
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-x-x-x-	Existing Fence
⊕	Found monument, as noted

LANDING POINT  
N:302382  
E:1591649

THOMAS SUMMERS P.S. 2109  
DATE 07/18/14

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

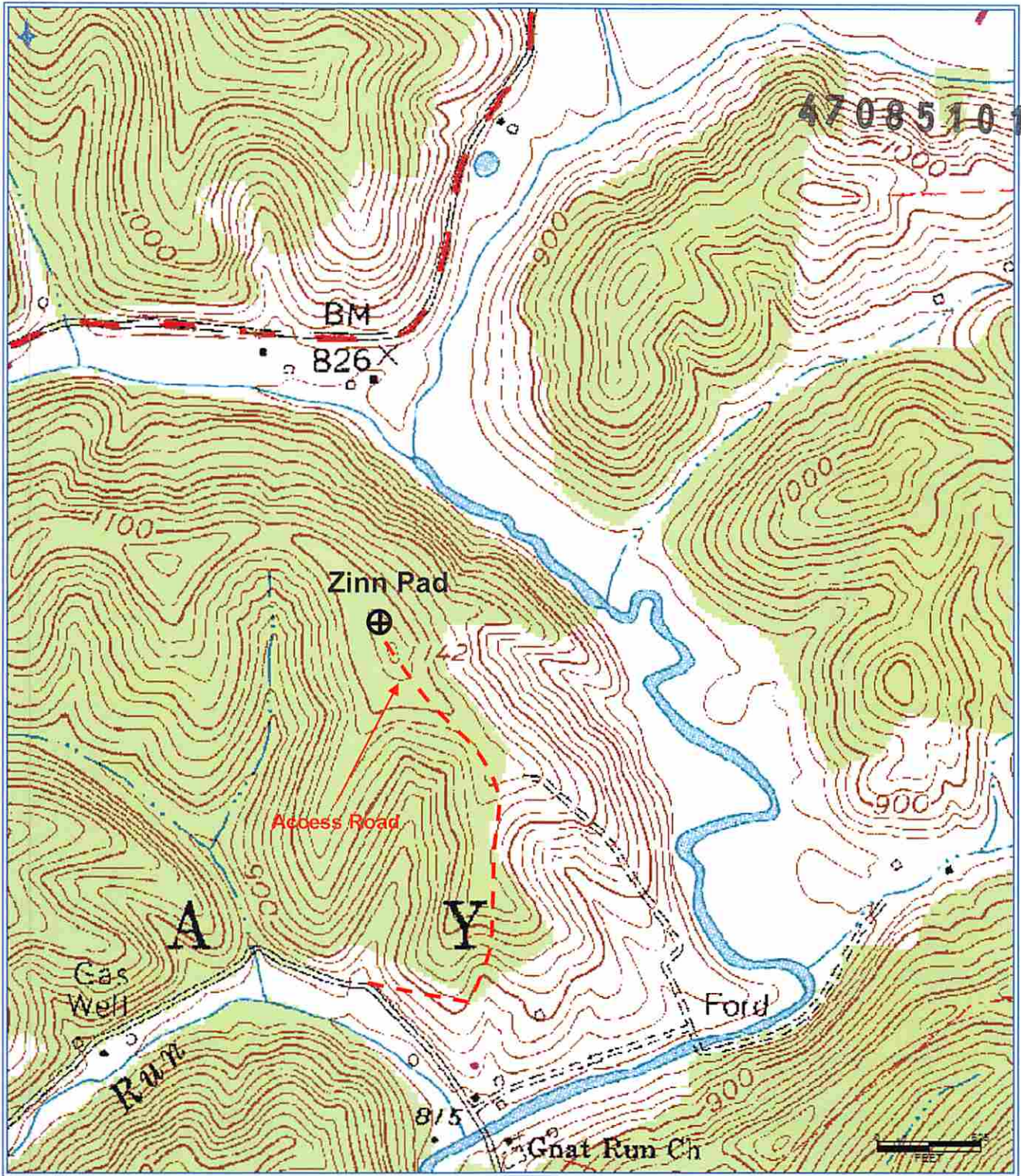
LOCATION: ELEVATION 1,119' WATERSHED NORTH FORK HUGHES RIVER  
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER ERNEST E. ZINN ET AL ACREAGE 129.5 ACRES +/-  
OIL & GAS ROYALTY OWNER HAROLD H. BLOCH ET UX; W.J. COLLINS ET UX; LEASE ACREAGE 131.5 ACRES±; 575 ACRES±;  
MARY MAXINE WELCH; SAM HORTON ET UX; GENA A. BRUMLEY 76.43 ACRES±; 63.55 ACRES±; 26.5 ACRES±

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 6,700' TVD 15,900' MD  
TARGET FORMATION MARCELLUS

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM  
DENVER, CO 80202 CHARLESTON, WV 25313



4708510171

Received

SEP 19 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**Antero Resources Corporation**  
 Appalachian Basin  
 Piedmont Unit 1H  
 Ritchie County  
 Quadrangle: Pennsboro  
 Watershed: North Fork Hughes River  
 District: Clay  
 Date: 8-27-14