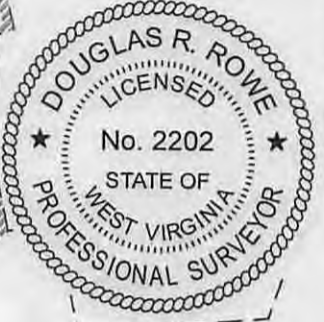
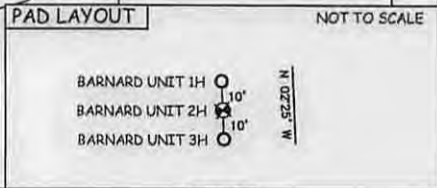
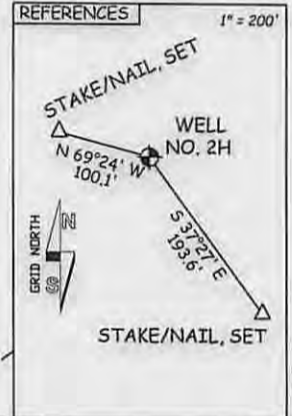


NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 268,234ft E: 1,599,482ft
 LAT: 39°13'40.11" LON: 80°54'49.92"
BOTTOM HOLE INFORMATION:
 N: 262,474ft E: 1,602,174ft
 LAT: 39°12'43.60" LON: 80°54'14.56"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,342,070m E: 507,449m
BOTTOM HOLE INFORMATION:
 N: 4,340,329m E: 508,299m



NOTE: 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.



JOB # 13-021WA
 DRAWING # BARNARD2H
 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.



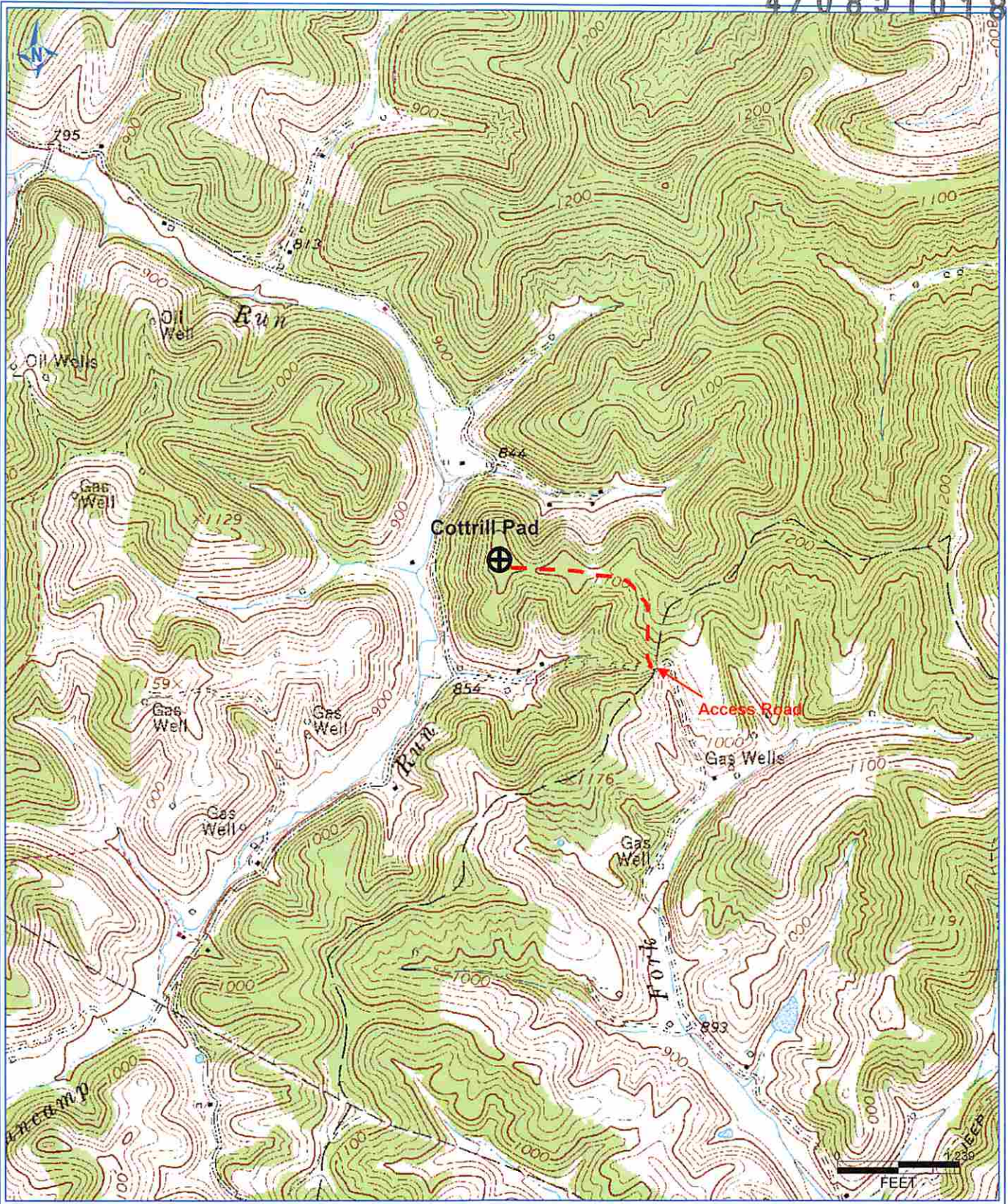
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Monument Found

DOUGLAS R. ROWE P.S. 2202
 DATE 10/30/14
 OPERATOR'S WELL # BARNARD UNIT #2H
 API WELL # 47 - 085 - 10183
 STATE COUNTY 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 1,107' WATERSHED LYNNCAMP RUN
 QUADRANGLE PULLMAN 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER CHARLES E. COTTRILL ET AL ACREAGE 16.15 ACRES +/-
 OIL & GAS ROYALTY OWNER ROBERTA NIGH; JOSEPH MILLER; JAY A. COTTRILL; ERMAN Y WEEKLEY; C.S. HALL ET UX; JACK LANGFORD ET AL LEASE ACREAGE 26.11 ACRES+; 10.77 ACRES+; 29.4289 ACRES+; 77 ACRES+; 113 ACRES+; 448.5 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
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 13,500' 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



DETRA 11/13/2013 2:37:55 PM

Antero Resources Corporation	
Appalachian Basin	
Barnard Unit 2H	RECEIVED
Ritchie County	Office of Oil and Gas
Quadrangle: Pullman 7.5'	NOV 10 2014
Watershed: Lynncamp Run	WV Department of
District: Clay	Environmental Protection
Date: 11-13-2013	