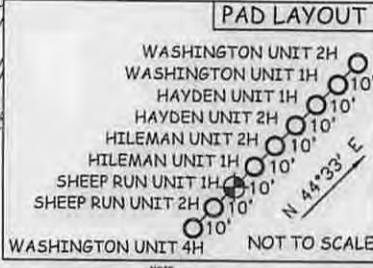
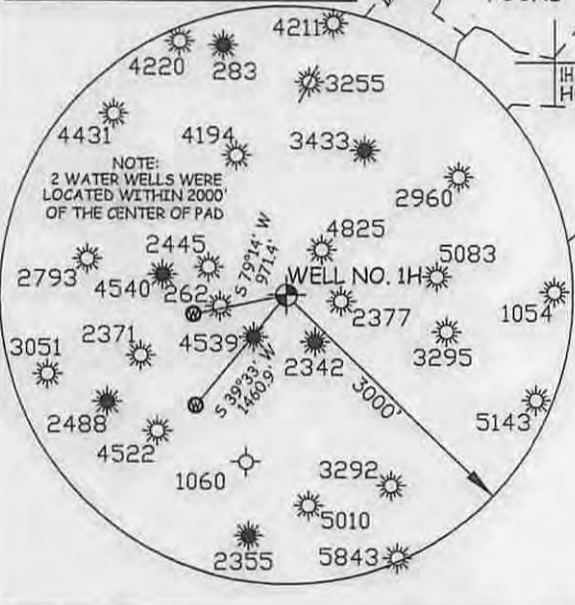
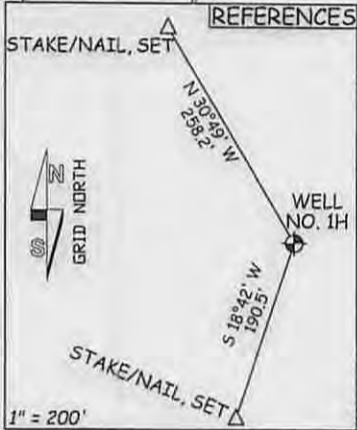


NOTES:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 270,187ft E: 1,620,385ft  
 LAT: 39°14'02.57" LON: 80°50'24.68"  
 BOTTOM HOLE INFORMATION:  
 N: 262,987ft E: 1,624,936ft  
 LAT: 39°12'52.09" LON: 80°49'25.51"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN 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: 4,342,771m E: 513,807m  
 BOTTOM HOLE INFORMATION:  
 N: 4,340,601m E: 515,230m



NOTE  
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAILY CATTLE OR POLYTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 14-086WA  
 DRAWING # SHEEPRUN1HR  
 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

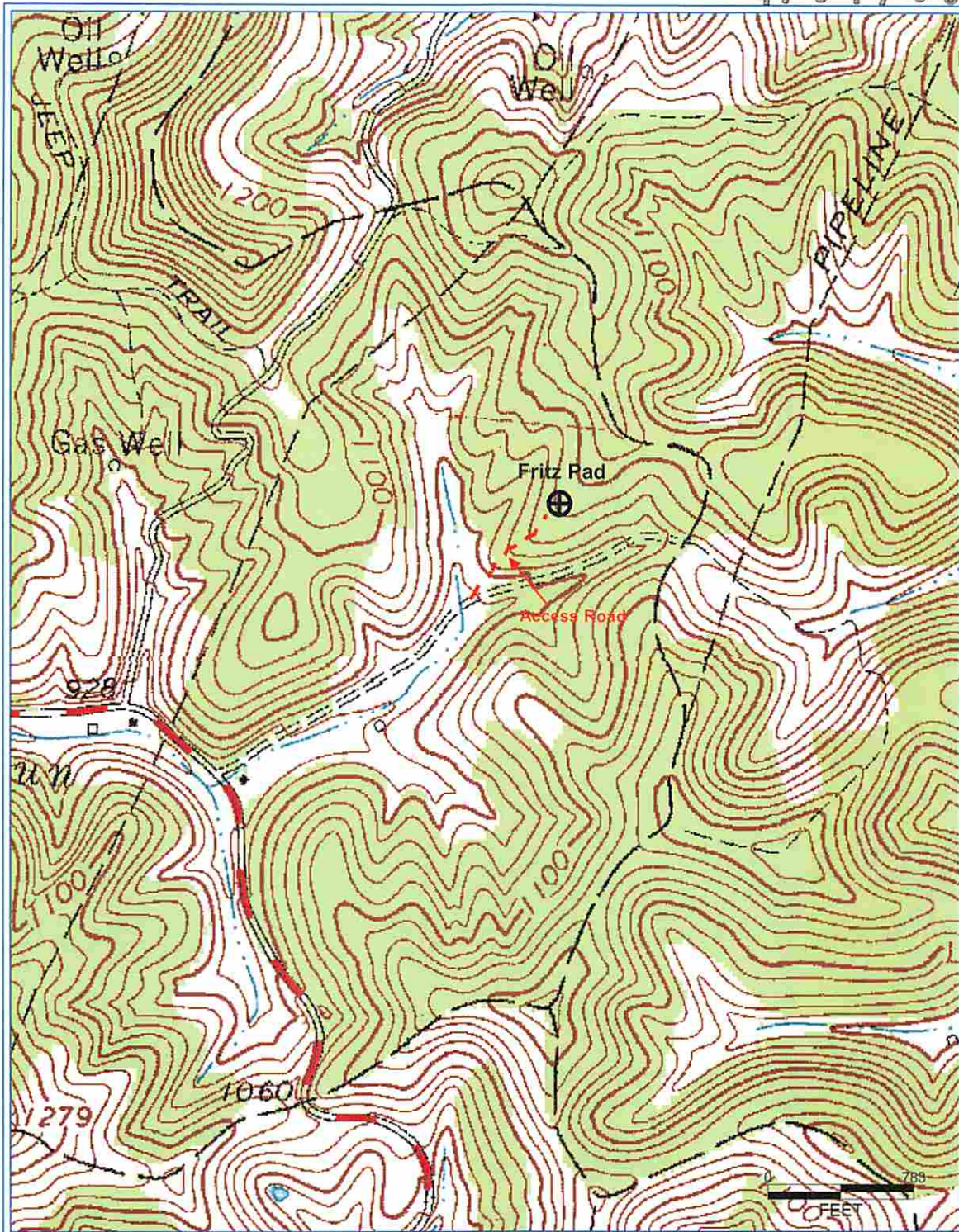
**LEGEND**  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202  
 DATE 10/14/14  
 OPERATOR'S WELL# SHEEP RUN UNIT #1H  
 API WELL # 47 - 017 - 06657  
 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 1,053' WATERSHED TRIBUTARY OF CABIN RUN  
 QUADRANGLE OXFORD 7.5' DISTRICT CENTRAL (TH) WEST UNION (LP) SOUTHWEST (BH) COUNTY DODDRIDGE  
 SURFACE OWNER JUDY A. HORTON ACREAGE 65.06 ACRES +/-  
 OIL & GAS ROYALTY OWNER STELLA MAY ET AL; HARVEY SMITH; J.W. SMITH; SAMUEL HILEMAN; BRADLEY LEGGETT ET UX LEASE ACREAGE 125.5 ACRES+; 450 ACRES+; 486 ACRES+; 122 ACRES+; 70.4 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 7,200' TVD 17,000' 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

01/30/2015

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Received

OCT 24 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**Antero Resources Corporation**

Appalachian Basin

Sheep Run Unit 1H

Doddridge County

Quadrangle: Oxford 7.5'

Watershed: Tributary of Cabin Run

District: Central

Date: 8-7-2013