

LATITUDE 39°12'30"

7,464'

166' TO BOTTOM HOLE
LATITUDE 39°15'00"

Antero Resources Appalachian Corporation Well No. Rufus Unit 1H

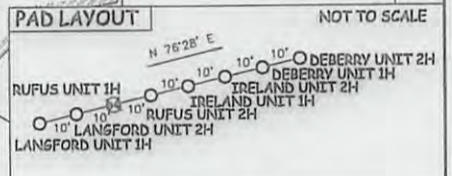
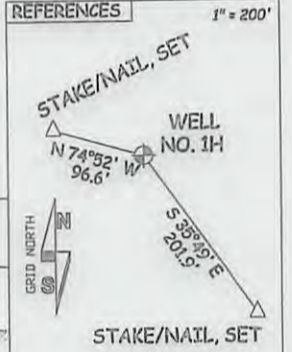
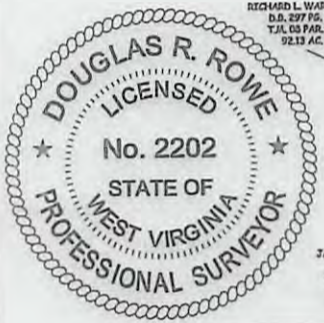
NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 256,356ft E: 1,602,847ft
 LAT: 39°11'43.24" LON: 80°54'04.81"
BOTTOM HOLE INFORMATION:
 N: 266,134ft E: 1,598,489ft
 LAT: 39°13'19.19" LON: 80°55'02.11"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,338,468m E: 508,535m
BOTTOM HOLE INFORMATION:
 N: 4,341,425m E: 507,157m

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 PRESCRIBED 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



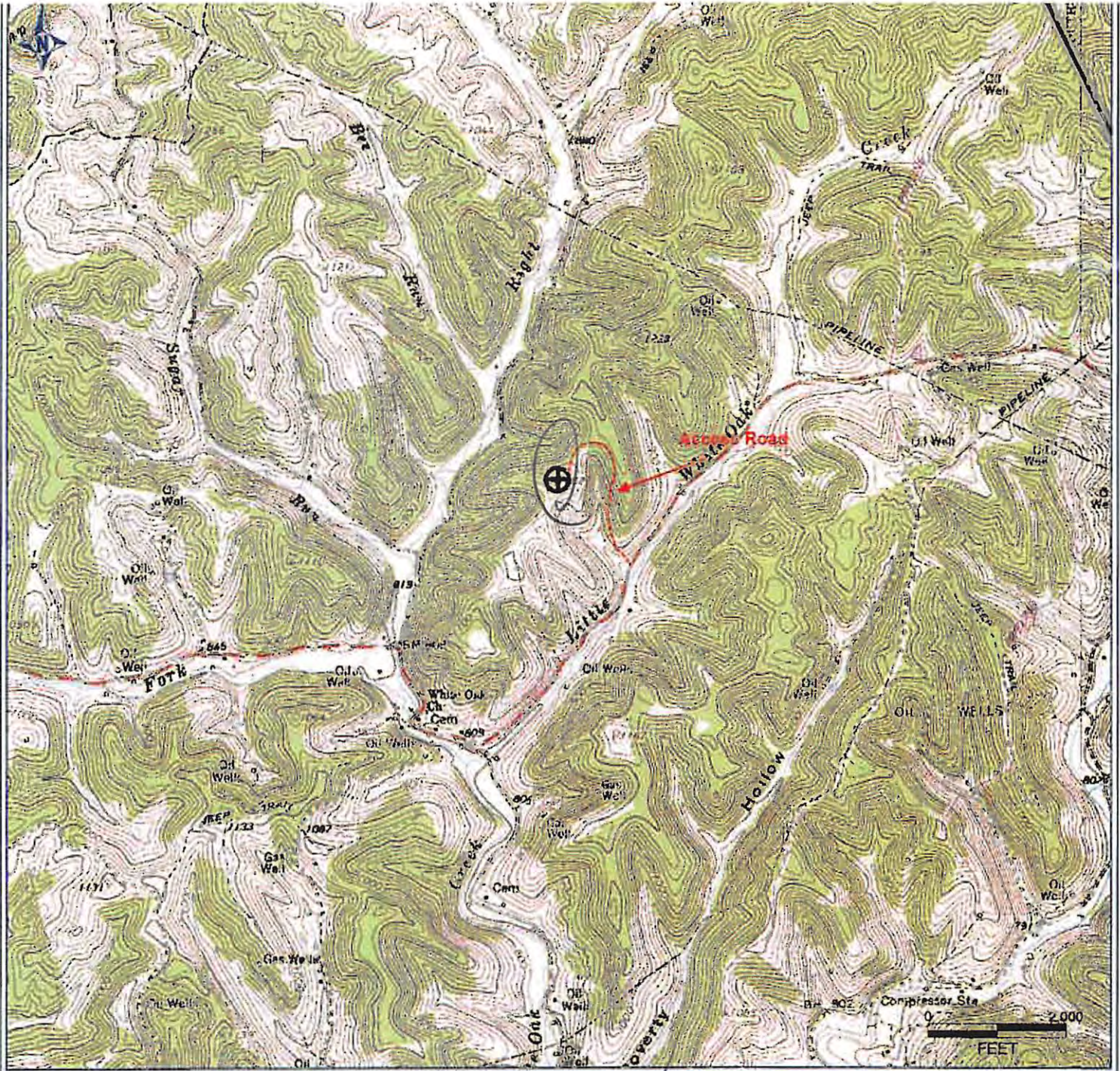
LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Stone Found

DOUGLAS R. ROWE P.S. 2202
 DATE 05/02/13
 OPERATOR'S WELL # RUFUS UNIT #1H
 API WELL # 47-085-10046
 STATE COUNTY PERMIT

JOB # 12-120WA
 DRAWING # RUFUS1H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 1,075' WATERSHED LITTLE WHITE OAK CREEK

QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
 SURFACE OWNER ASHLEY E. NESS, JR. ACREAGE 90 ACRES +/-
 OIL & GAS ROYALTY OWNER HERBERT O. IRELAND ET AL.; JASON S. HARSHBERGER ET UX; LEASE ACREAGE 90 ACRES +/-; 8 ACRES +/-
 JACK LANGFORD ET UX; CHARLES P. HEASTER ET AL.; EDWIN DEEM; JACK H. LANGFORD ET AL.; ORMA JOHNSON 145.28 ACRES +/-; 52.76 ACRES +/-; 92.13 ACRES +/-; 440.5 ACRES +/-; 32 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 18,000' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313



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Received
Office of Oil & Gas

MAY 23 2013

**85-10046 H6A RUFUS UNIT 1H
ANTERO RESOURCES**

PAD NAME: NESS

Antero Resources Corporation

APPALACHIAN BASIN

**Rufus Unit 1H
Ritchie County**



REMARKS
QUADRANGLE: PULLMAN
WATERSHED: LEFT FORK
DISTRICT: UNION

Date: 8/29/2012