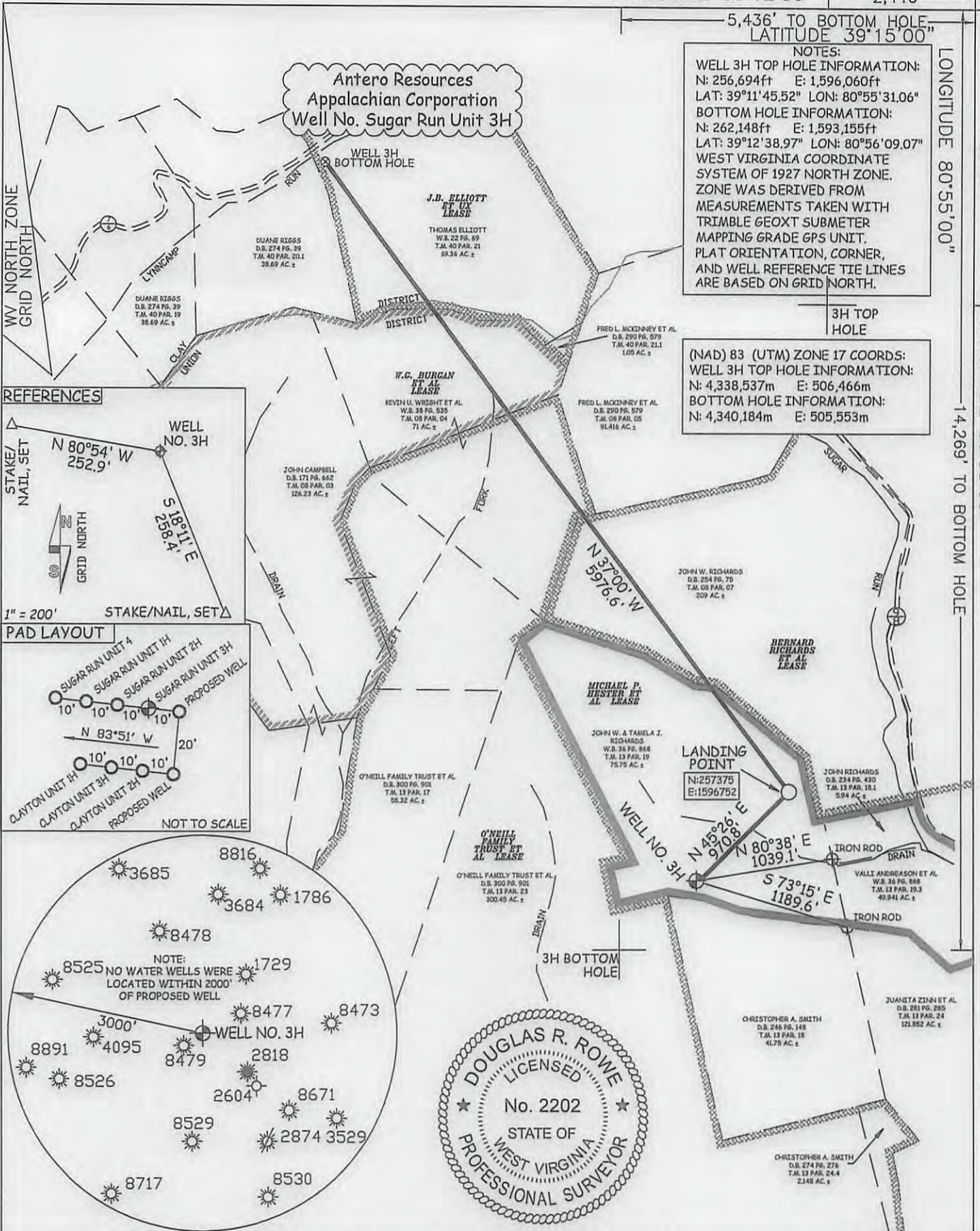
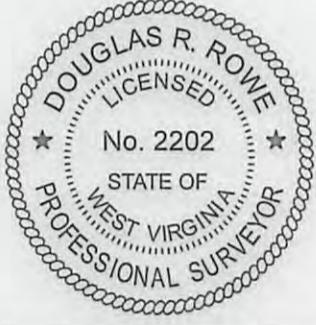
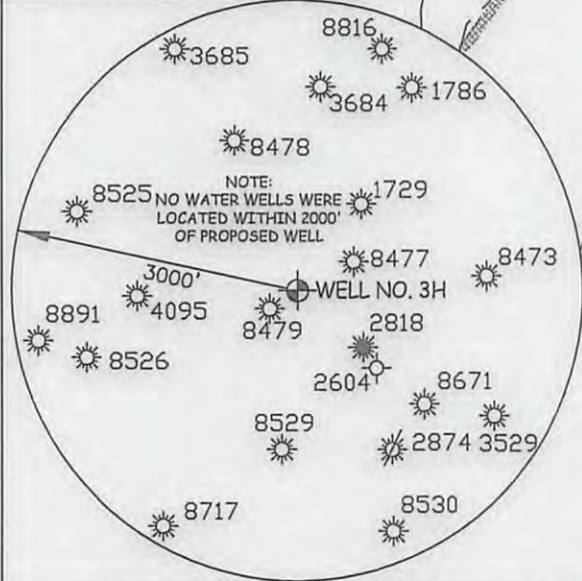
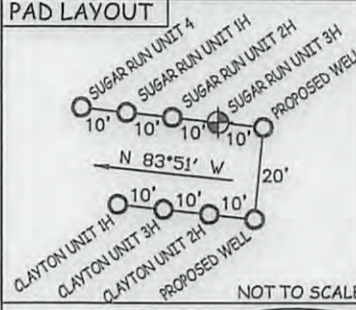
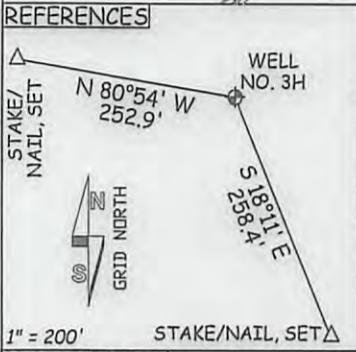


LATITUDE 39°12'30" TO 39°15'00" LONGITUDE 80°55'00" TO 80°55'00"



**NOTES:**  
 WELL 3H TOP HOLE INFORMATION:  
 N: 256,694ft E: 1,596,060ft  
 LAT: 39°11'45.52" LON: 80°55'31.06"  
 BOTTOM HOLE INFORMATION:  
 N: 262,148ft E: 1,593,155ft  
 LAT: 39°12'38.97" LON: 80°56'09.07"  
 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 3H TOP HOLE INFORMATION:  
 N: 4,338,537m E: 506,466m  
 BOTTOM HOLE INFORMATION:  
 N: 4,340,184m E: 505,553m



JOB # 12-063WA  
 DRAWING # SUGARRUN3HR1  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



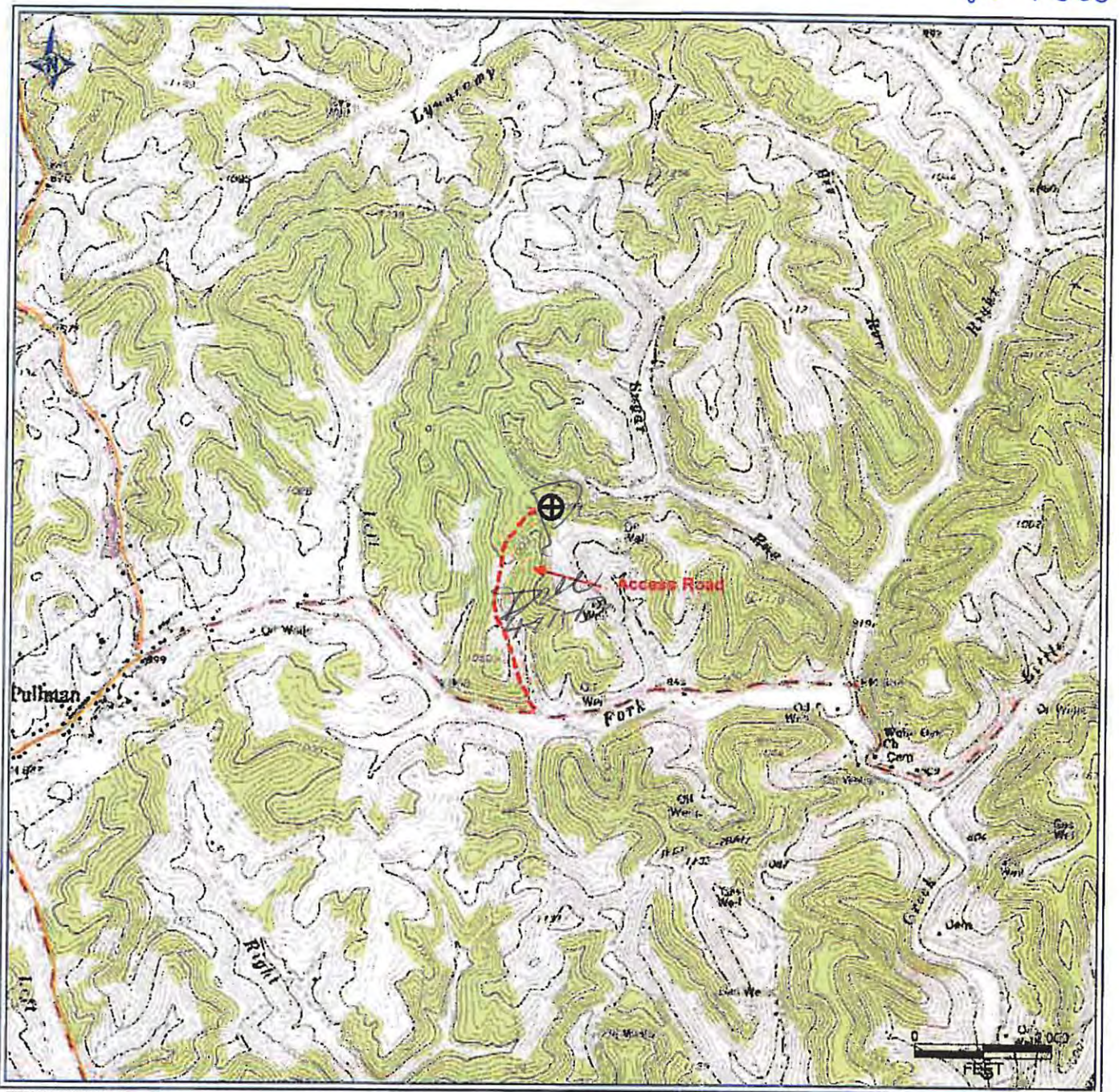
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

DOUGLAS R. ROWE P.S. 2202  
 DATE 01/16/13  
 OPERATOR'S WELL# SUGAR RUN UNIT #3H  
 API WELL # 47 - 085 - 10030 H6A  
 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 1,074' WATERSHED TRIBUTARY OF SUGAR RUN  
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE  
 SURFACE OWNER JOHN W. & TAMELA J. RICHARDS ACREAGE 75.75 ACRES +/-  
 OIL & GAS ROYALTY OWNER MICHAEL P. HESTER ET AL; BERNARD RICHARDS ET AL; LEASE ACREAGE 234.5 ACRES±; 214 ACRES±; O'NEILL FAMILY TRUST ET AL; W.G. BURGAN ET AL; J.B. ELLIOTT ET UX 798.719 CRES±; 154 ACRES±; 70 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 6,700' TVD 13,400' MD  
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

06/28/2013



PETRA 02/08/2012 2:34:56 PM

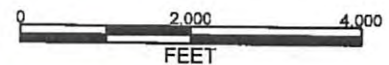
85-10030 H6A SUGAR RUN UNIT 3H  
ANTERO RESOURCES

PAD NAME: GLASS

Antero Resources Corporation

APPALACHIAN BASIN

Sugar Run Unit 3H  
Ritchie County



REMARKS  
QUADRANGLE: PULLMAN  
WATERSHED: LEFT FORK  
DISTRICT: UNION

Received  
Office of Oil & Gas

Date: 12/04/2012

APR 12 2013