

**SURFACE HOLE**  
STATE PLANE WV  
NORTH ZONE NAD 1927  
N - 294,447.315 : E - 1,737,968.513

LATITUDE: (N) 39.3047244  
LONGITUDE: (W) 80.4259925

UTM, NAD83  
17 - 84W TO 78W, METERS  
N - 4,350,760.037 : E - 549,506.551

**BOTTOM HOLE**  
STATE PLANE WV  
NORTH ZONE NAD 1927  
N - 300,537.808 : E - 1,735,969.811

LATITUDE: (N) 39.3213888  
LONGITUDE: (W) 80.4332788

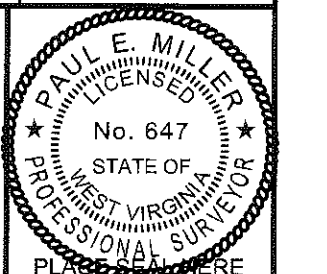
UTM, NAD83  
17 - 84W TO 78W, METERS  
N - 4,352,605.411 : E - 548,866.736

( + ) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. AR PLANT UNIT 1Hrev.DGN  
DRAWING NO. AR PLANT UNIT 1H  
SCALE 1" = 1500'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) Paul E. Miller  
R.P.E. \_\_\_\_\_ L.L.S. 647



STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION

DATE DECEMBER 09, 20 11  
OPERATOR'S WELL NO. PLANT UNIT 1H  
API WELL NO. 47 033 05603 H6A

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1311.77' WATER SHED TRIBUTARY OF LIMESTONE RUN  
DISTRICT COAL COUNTY HARRISON  
QUADRANGLE WOLF SUMMIT, WV 7.5'

SURFACE OWNER PATRICK CUNNINGHAM ACREAGE 70 & 47.33  
OIL & GAS ROYALTY OWNER JOHN T. WILLIAMS; CHESAPEAKE, et al.; ARAC; WACO; B.H. BROWN, et al.  
LEASE NO. 052707; N/A; N/A; 008966 LEASE ACREAGE 192.5; 90; 1; 24; 205.9

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH TVD: 7,100'; MD: 13,900'  
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORPORATION DESIGNATED AGENT DIANNA STAMPER - CT CORP. SYSTEM  
ADDRESS 1625 17TH STREET, DENVER, CO. 80202 ADDRESS 5400 D BIG TYLER ROAD, CHARLESTON, WV 25313

FORM WW-6  
COUNTY NAME  
PERMIT  
03/30/2012

33-05603-116A



APPROVED  
DATE: 01/17/2011  
BY: [Signature]  
[Signature]

**Antero Resources Corporation**

APPALACHIAN BASIN

Plant Unit 1H

Harrison County



REMARKS  
QUADRANGLE: WOLF SUMMIT  
WATERSHED: LIMESTONE RUN  
DISTRICT: COAL

January 9, 2009 **03/30/2012**