

LATITUDE 39°12'30"

3,829'

LONGITUDE 80°55'00"

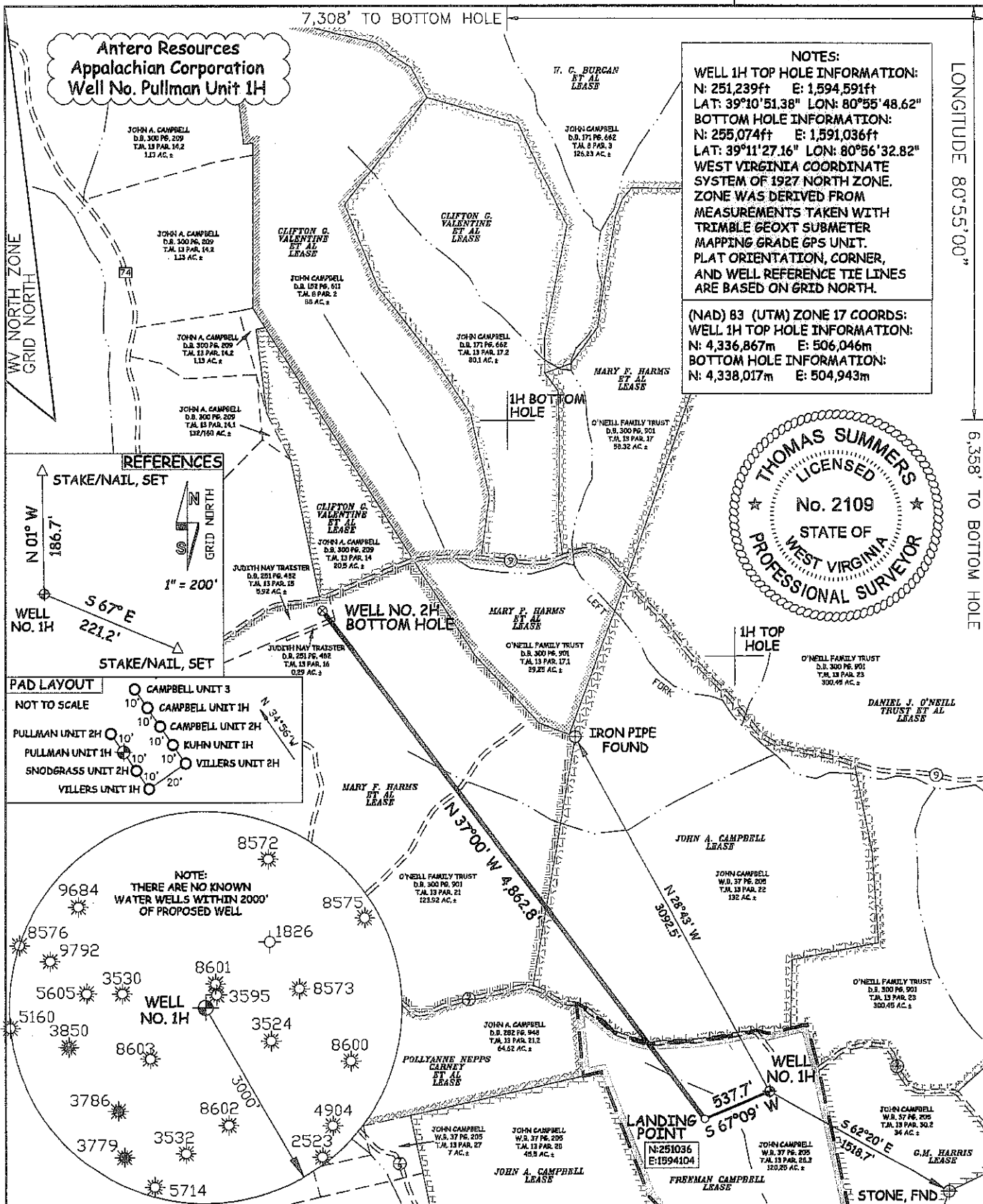
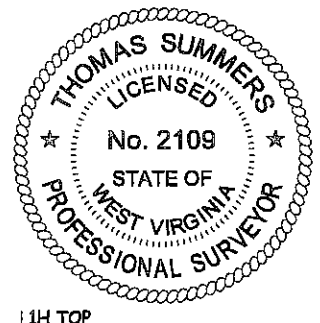
9,978'

6,358' TO BOTTOM HOLE

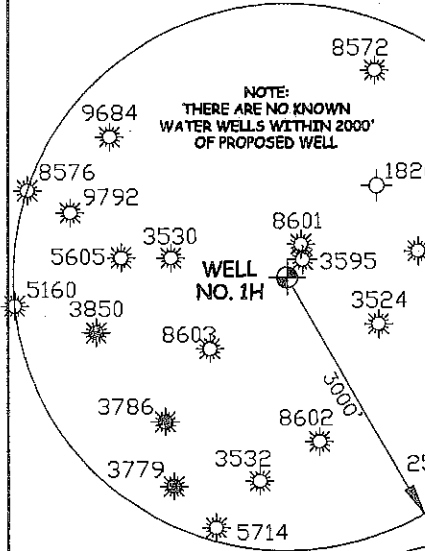
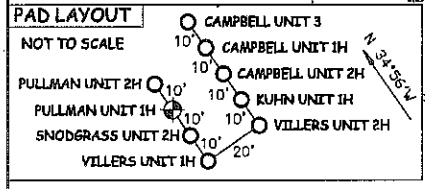
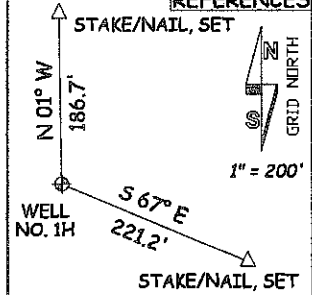
Antero Resources Appalachian Corporation Well No. Pullman Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 251,239ft E: 1,594,591ft
 LAT: 39°10'51.38" LON: 80°55'48.62"
BOTTOM HOLE INFORMATION:
 N: 255,074ft E: 1,591,036ft
 LAT: 39°11'27.16" LON: 80°56'32.82"
 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: 4,336,867m E: 506,046m
BOTTOM HOLE INFORMATION:
 N: 4,338,017m E: 504,943m



REFERENCES



NOTE:
 THERE ARE NO KNOWN
 WATER WELLS WITHIN 2000'
 OF PROPOSED WELL

JOB # 12-042
 DRAWING # PULLMANUNIT1H
 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 X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,014' WATERSHED LEFT FORK
 QUADRANGLE PULLMAN 7.5 DISTRICT UNION COUNTY RITCHIE
 SURFACE OWNER JOHN A. & LINDA J. CAMPBELL ACREAGE 120.25 ACRES +/-
 OIL & GAS ROYALTY OWNER FREEMAN CAMPBELL (KEY 25); JOHN A. CAMPBELL (ARAC); MARY F. HARMS (KEY 22) LEASE ACREAGE 58 ACRES+; 132 ACRES+; 130.39 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 6,800' TVD 13,000' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



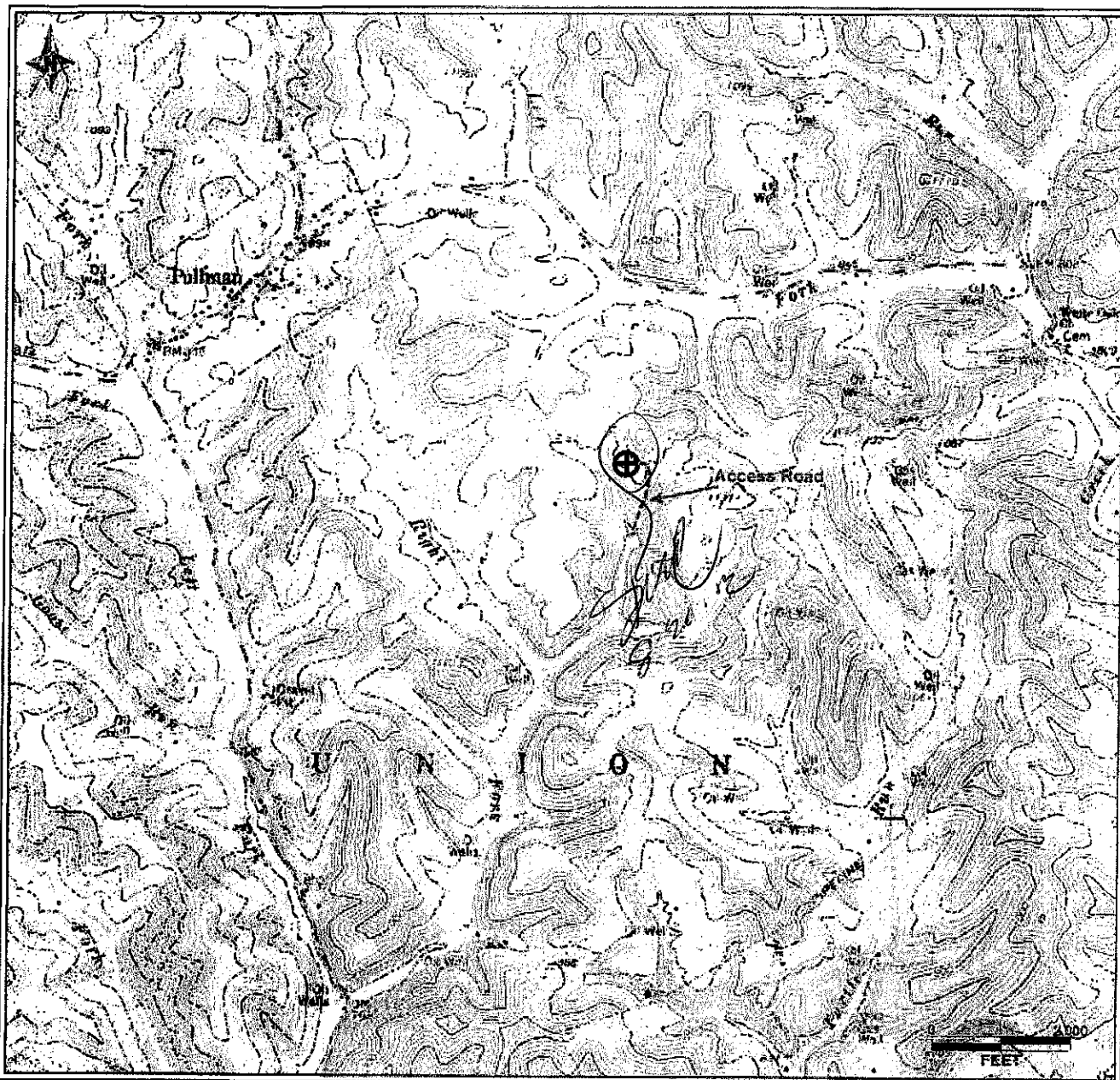
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109
 DATE 08/20/12
 OPERATOR'S WELL # PULLMAN UNIT 1H
 API WELL # 47 - 085 - 9981H6A
 STATE COUNTY PERMIT

FORM WW-6

09/14/2012



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Antero Resources Corporation

APPALACHIAN BASIN

Pullman Unit 1H
Ritchie County



REMARKS
QUADRANGLE: PULLMAN
WATERSHED: LEFT FORK
DISTRICT: UNION

Date: 6/26/2012

Environmental Project
Oil & Gas
 AUG 22 2012
 WV Department of
 Environmental Protection