

LATITUDE 39°20'00" | 1,256'

4,349' TO BOTTOM HOLE

LATITUDE 39°22'30"

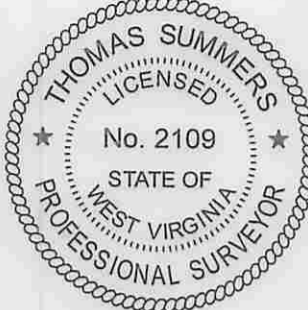
LONGITUDE 80°57'30"

6,941'

14,830' TO BOTTOM HOLE

LONGITUDE 80°57'30"

Antero Resources Corporation
Well No. Duchene Unit 1H



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

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 299,945ft E: 1,586,142ft
LAT: 39°18'51.39" LON: 80°57'45.98"
BOTTOM HOLE INFORMATION:
N: 307,283ft E: 1,583,167ft
LAT: 39°20'03.43" LON: 80°58'25.36"
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: 4,351,663m E: 503,224m
BOTTOM HOLE INFORMATION:
N: 4,353,883m E: 502,280m

JOB # 14-006WA
DRAWING # DUCHENEUNIT1H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

THOMAS SUMMERS P.S. 2109
DATE 08/14/14
OPERATOR'S WELL# DUCHENE UNIT #1H

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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
API WELL # 47 - 085 - 10161
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,127' WATERSHED POPLARLICK RUN
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER EDDY D. WAGGONER ET AL ACREAGE 59.93 ACRES +/-
OIL & GAS ROYALTY OWNER BETTY JOHNSON; LANDO GLENN ROBINSON JR.; EMMA SMITH ET AL; CREED COLLINS ET UX; ELDON G. FREELAND ET AL; ELDON G. FREELAND ET AL; JAMES W. UTT

LEASE ACREAGE 130 AC±; 130 AC±; 78 AC±; 104 AC±; 19 AC±; 38 AC±; 56.5 AC±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 15,600' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

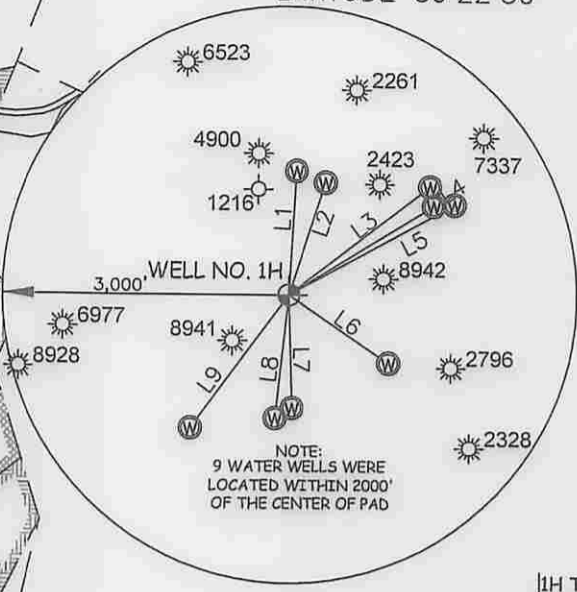
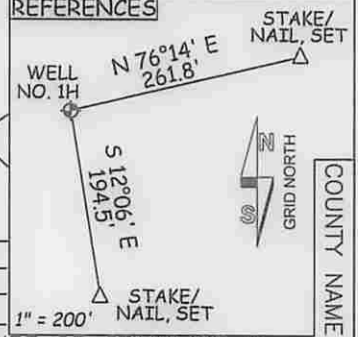
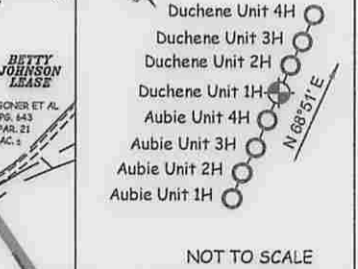
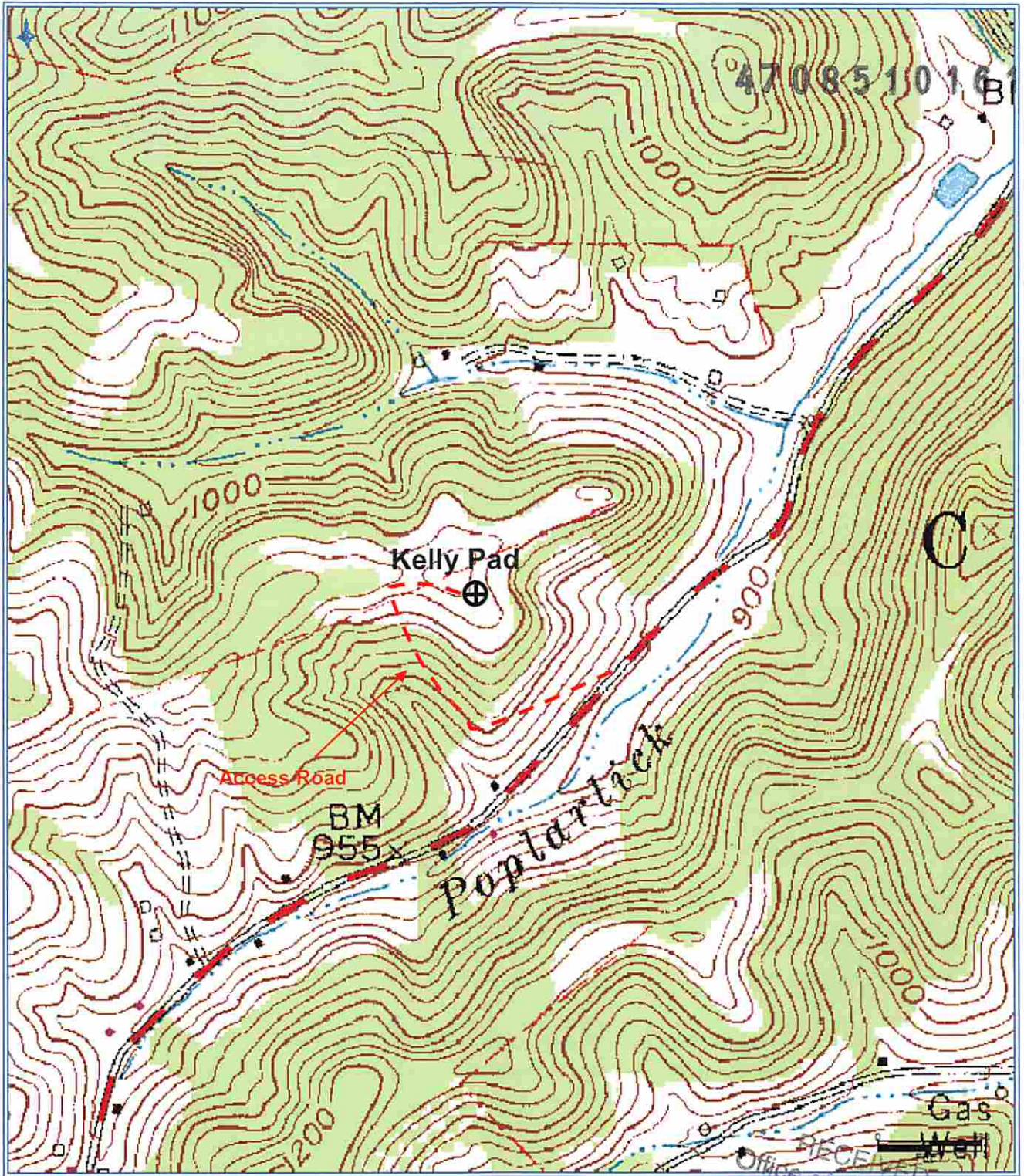


Table with 3 columns: LINE, BEARING, DISTANCE. Lists lines L1 through L9 with their respective bearings and distances.



12/05/2014



Antero Resources Corporation
 Appalachian Basin
 Duchene Unit 1H
 Ritchie County
 Quadrangle: Pennsboro
 Watershed: South Fork Hughes River
 District: Clay
 Date: 8-27-14