

LATITUDE 39°17'30"

4,407'

5,578' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 80°50'00"

6,181'

3,840' TO BOTTOM HOLE

LONGITUDE 80°50'00"

Antero Resources Corporation Well No. Wilhelm Unit 1H

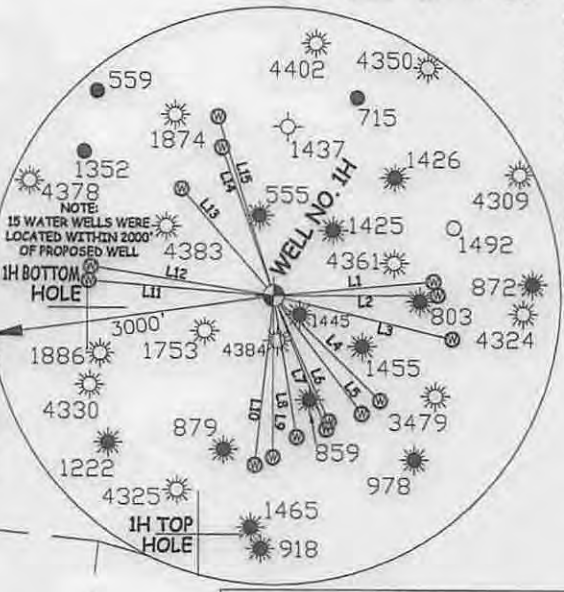


Table with 3 columns: LINE, BEARING, DISTANCE. Lists well locations L1 through L15 with their respective bearings and distances.

NOTES: WELL 1H TOP HOLE INFORMATION: N: 285,027ft E: 1,618,140ft LAT: 39°16'28.91" LON: 80°50'56.04" BOTTOM HOLE INFORMATION: N: 287,386ft E: 1,617,004ft LAT: 39°16'52.06" LON: 80°51'10.94" 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: 4,347,281m E: 513,048m BOTTOM HOLE INFORMATION: N: 4,347,994m E: 512,690m



JOB # 12-103WA DRAWING # WILHELM1HSHORTY 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 Iron-Rod, Found

DATE 09/10/14 OPERATOR'S WELL # WILHELM UNIT #1H API WELL # 47 - 017 - 06626 STATE COUNTY PERMIT

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 DEPT. 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 1,164' WATERSHED TRIBUTARY OF WILHELM RUN QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE SURFACE OWNER MARY F. BROWN ACREAGE 49.43 ACRES +/- OIL & GAS ROYALTY OWNER MARY F. BROWN; PATRICK A. WRIGHT; WVSRA LEASE ACREAGE 55.65 AC±; 222 AC±; 301.19 AC±

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 7,100' TVD 11,000' MD DIANNA STAMPER CT CORPORATION SYSTEM WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313

Office of Oil and Gas
WV Dept. of Environmental Protection

Received
SEP 19 2014

Date: 11/29/2012

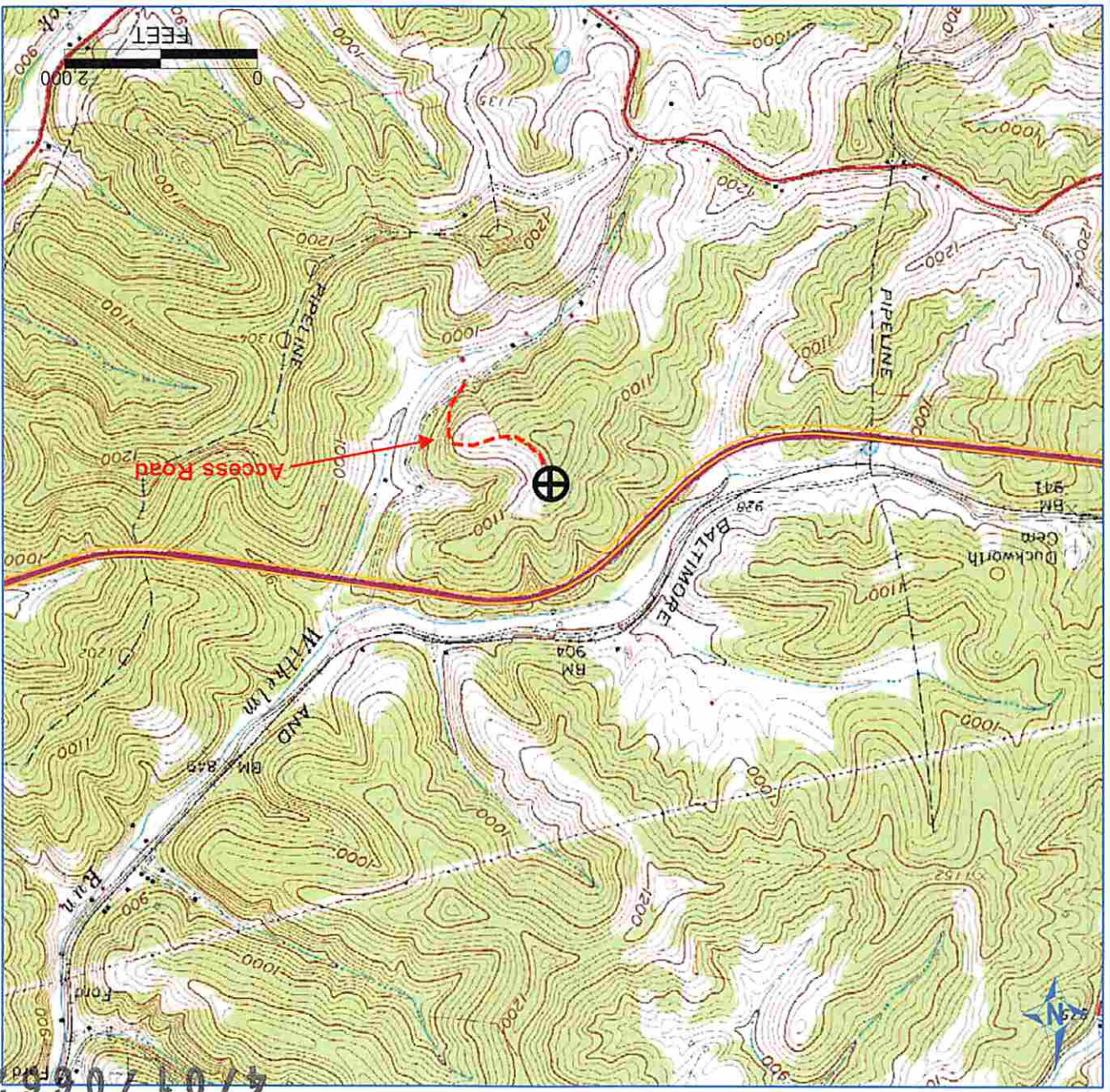
REMARKS
QUADRANGLE: WEST UNION
WATERSHED: TRIB. OF WILHELM RUN
DISTRICT: CENTRAL



APPALACHIAN BASIN
Wilhelm Unit 1H
Doddridge County

Antero Resources Corporation

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