

LATITUDE 39°22'30" 3,681'

11,052' TO BOTTOM HOLE

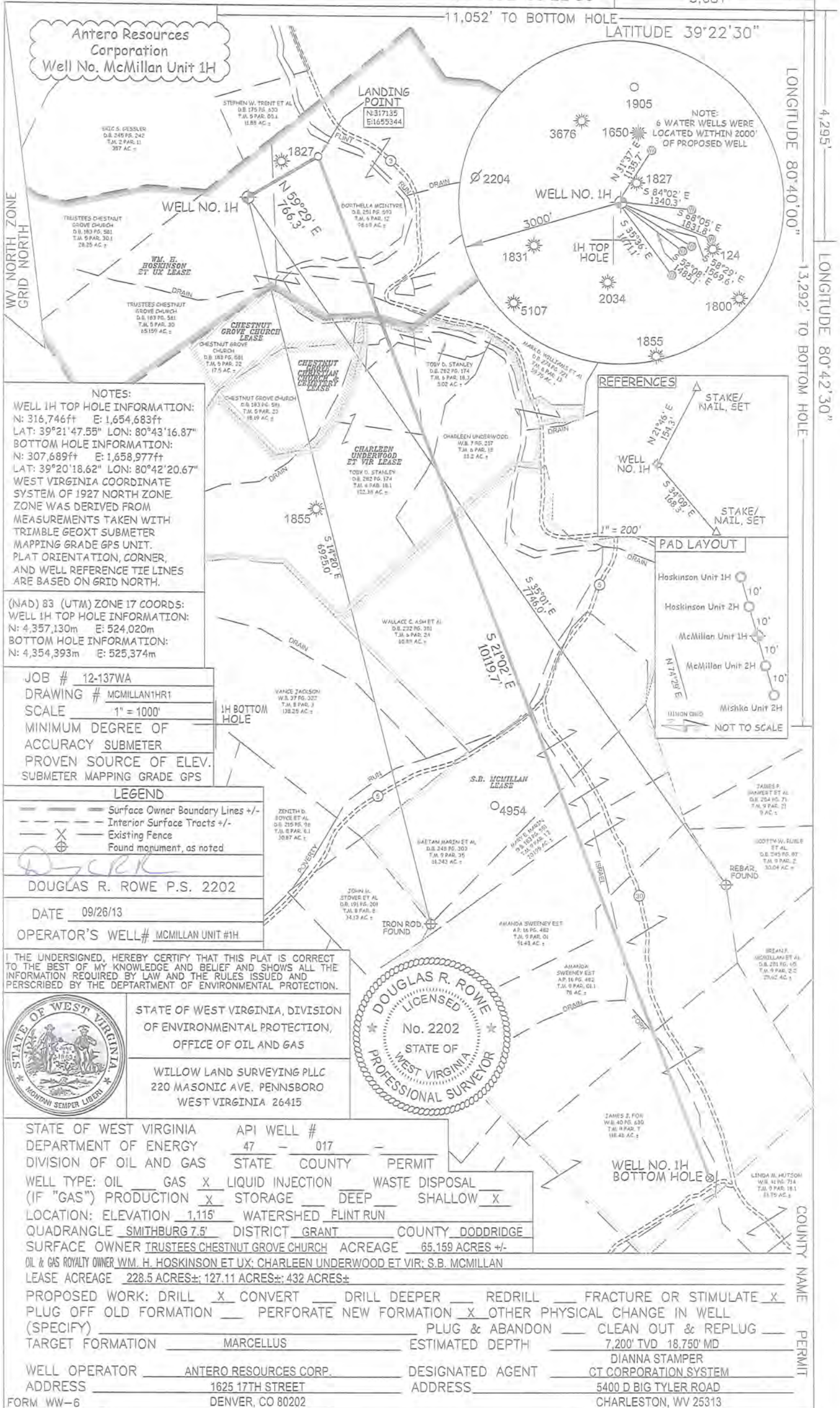
LATITUDE 39°22'30"

LONGITUDE 80°40'00"

4,295'

LONGITUDE 80°42'30"

13,292' TO BOTTOM HOLE



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 316,746ft E: 1,654,683ft
 LAT: 39°21'47.55" LON: 80°43'16.87"
 BOTTOM HOLE INFORMATION:
 N: 307,689ft E: 1,658,977ft
 LAT: 39°20'18.62" LON: 80°42'20.67"
 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: 4,357,130m E: 524,020m
 BOTTOM HOLE INFORMATION:
 N: 4,354,393m E: 525,374m

JOB # 12-137WA
 DRAWING # MCMILLAN1H1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

DOUGLAS R. ROWE P.S. 2202
 DATE 09/26/13
 OPERATOR'S WELL # MCMILLAN 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 - 017

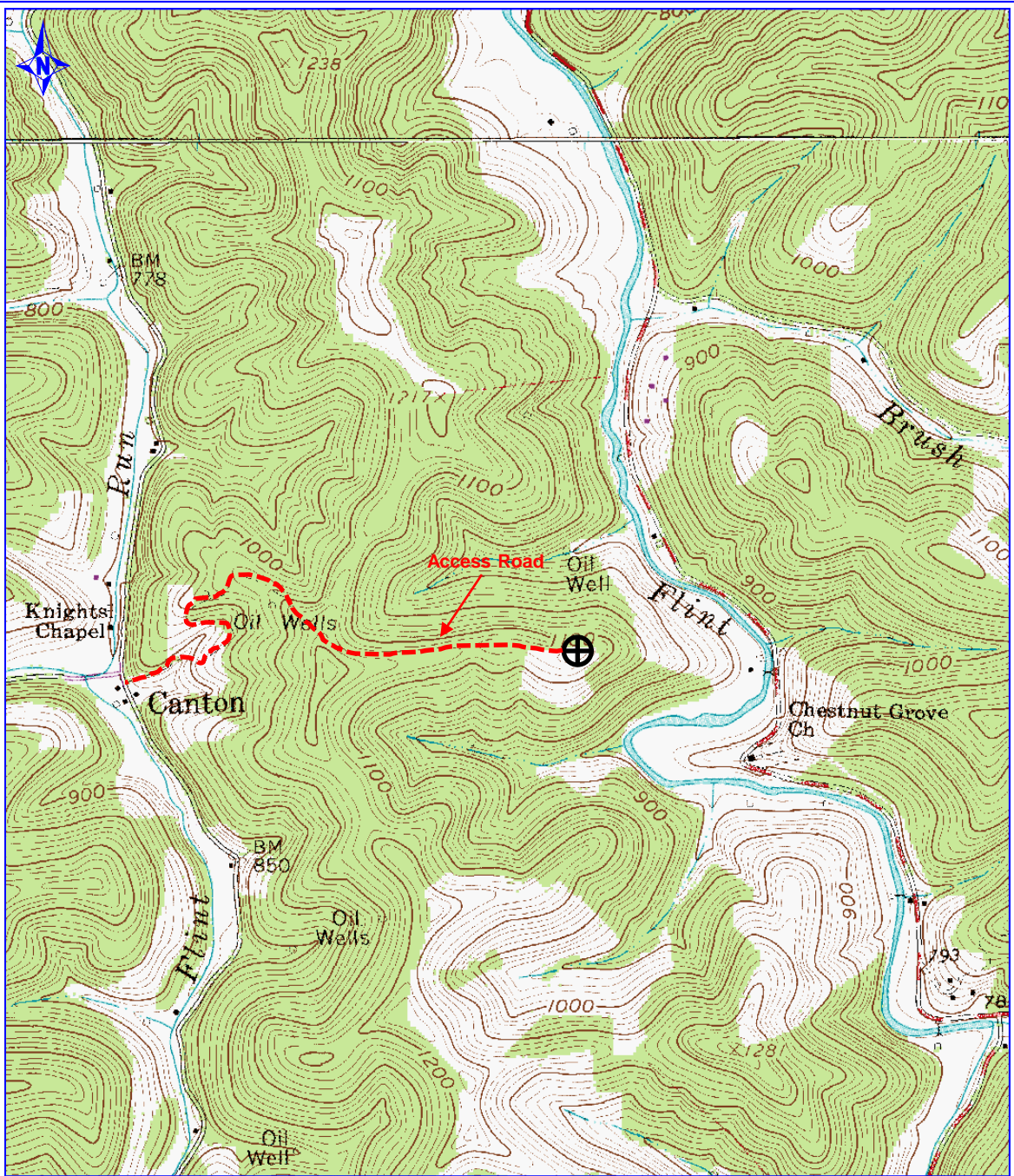
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1,115' WATERSHED FLINT RUN
 QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE
 SURFACE OWNER TRUSTEES CHESTNUT GROVE CHURCH ACREAGE 65.159 ACRES +/-
 OIL & GAS ROYALTY OWNER WM. H. HOSKINSON ET UX; CHARLEEN UNDERWOOD ET VIR; S.B. MCMILLAN LEASE ACREAGE 228.5 ACRES±; 127.11 ACRES±; 432 ACRES±

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 7,200' TVD 18,750' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

01/03/2014



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Antero Resources Corp

APPALACHIAN BASIN

McMillan Unit 1H

Doddridge County

REMARKS
 QUADRANGLE: SMITHBURG
 WATERSHED: LITTLE FLINT RUN
 DISTRICT: GRANT

By: ECM

