

LATITUDE 39°27'30"

10,894'

LATITUDE 39°25'00"

7,780' TO BOTTOM HOLE

5,881' TO BOTTOM HOLE

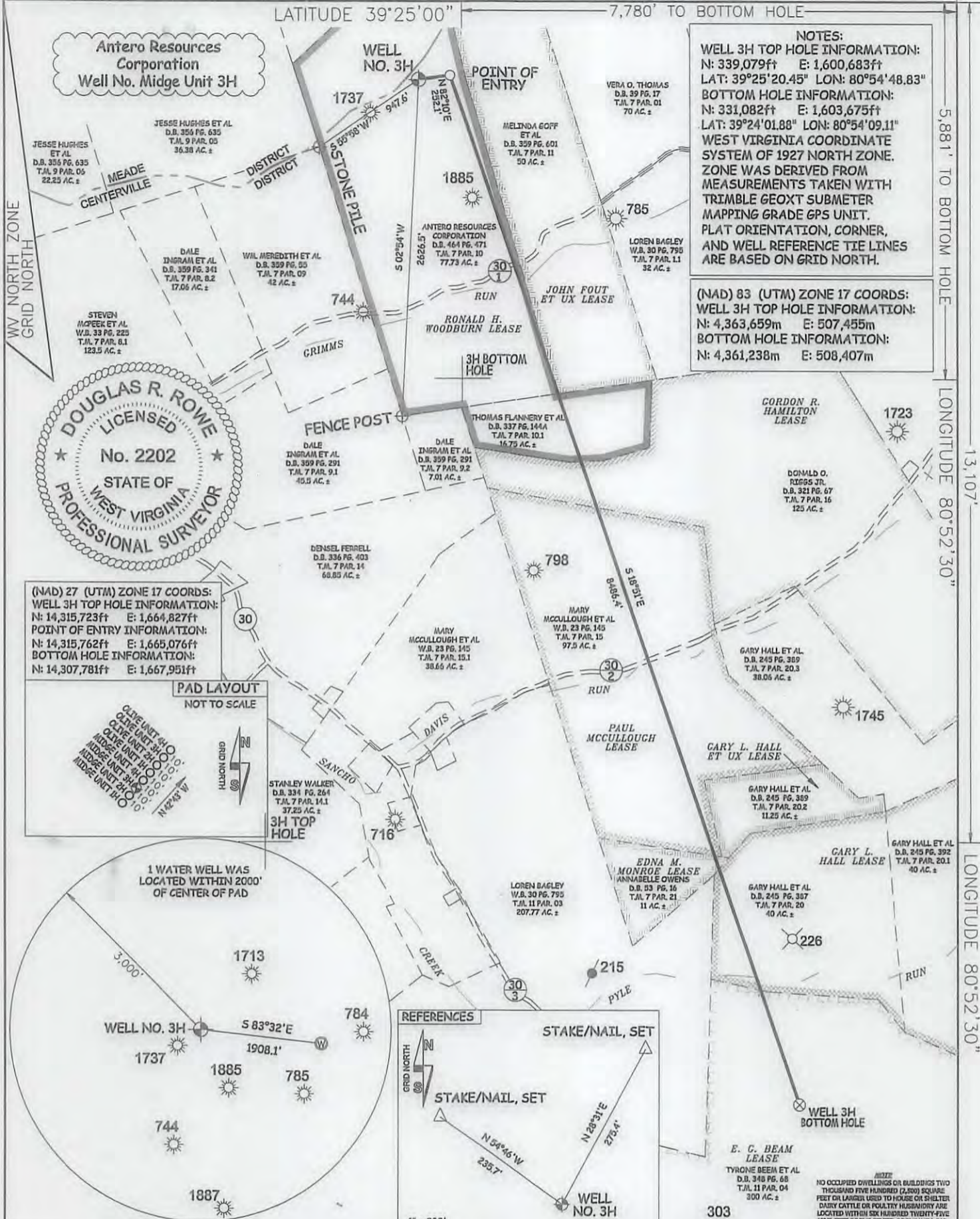
LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

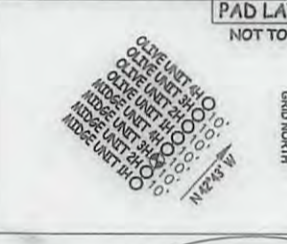
Antero Resources Corporation  
Well No. Midge Unit 3H

NOTES:  
 WELL 3H TOP HOLE INFORMATION:  
 N: 339,079ft E: 1,600,683ft  
 LAT: 39°25'20.45" LON: 80°54'48.83"  
 BOTTOM HOLE INFORMATION:  
 N: 331,082ft E: 1,603,675ft  
 LAT: 39°24'01.88" LON: 80°54'09.11"  
 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 3H TOP HOLE INFORMATION:  
 N: 4,363,659m E: 507,455m  
 BOTTOM HOLE INFORMATION:  
 N: 4,361,238m E: 508,407m



(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 3H TOP HOLE INFORMATION:  
 N: 14,315,723ft E: 1,664,827ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,315,762ft E: 1,665,076ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,307,781ft E: 1,667,951ft



JOB # 16-028WA  
 DRAWING # MIDGE3H  
 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

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

LEGEND  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 - x - x - Existing Fence  
 ⊕ Found monument, as noted  
 DOUGLAS R. ROWE P.S. 2202  
 DATE 08/17/16  
 OPERATOR'S WELL# MIDGE UNIT #3H H6A

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1,171' - ORIGINAL 1,158' - PROPOSED \_\_\_ WATERSHED OUTLET MIDDLE ISLAND CREEK  
 QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERVILLE COUNTY TYLER  
 SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 77.73 ACRES +/-  
 OIL & GAS ROYALTY OWNER RONALD H. WOODBURN; JOHN FOUT ET UX; GORDON R. HAMILTON; LEASE ACREAGE 94 AC±; 50 AC±; 125 AC±;  
 PAUL MCCULLOUGH; GARY L. HALL ET UX; EDNA M. MONROE; GARY L. HALL; E. G. BEAM 97.5 AC±; 12 AC±; 11 AC±; 80 AC±; 317 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 6,800' TVD 15,800' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313

06/23/2017

COUNTY NAME PERMIT

