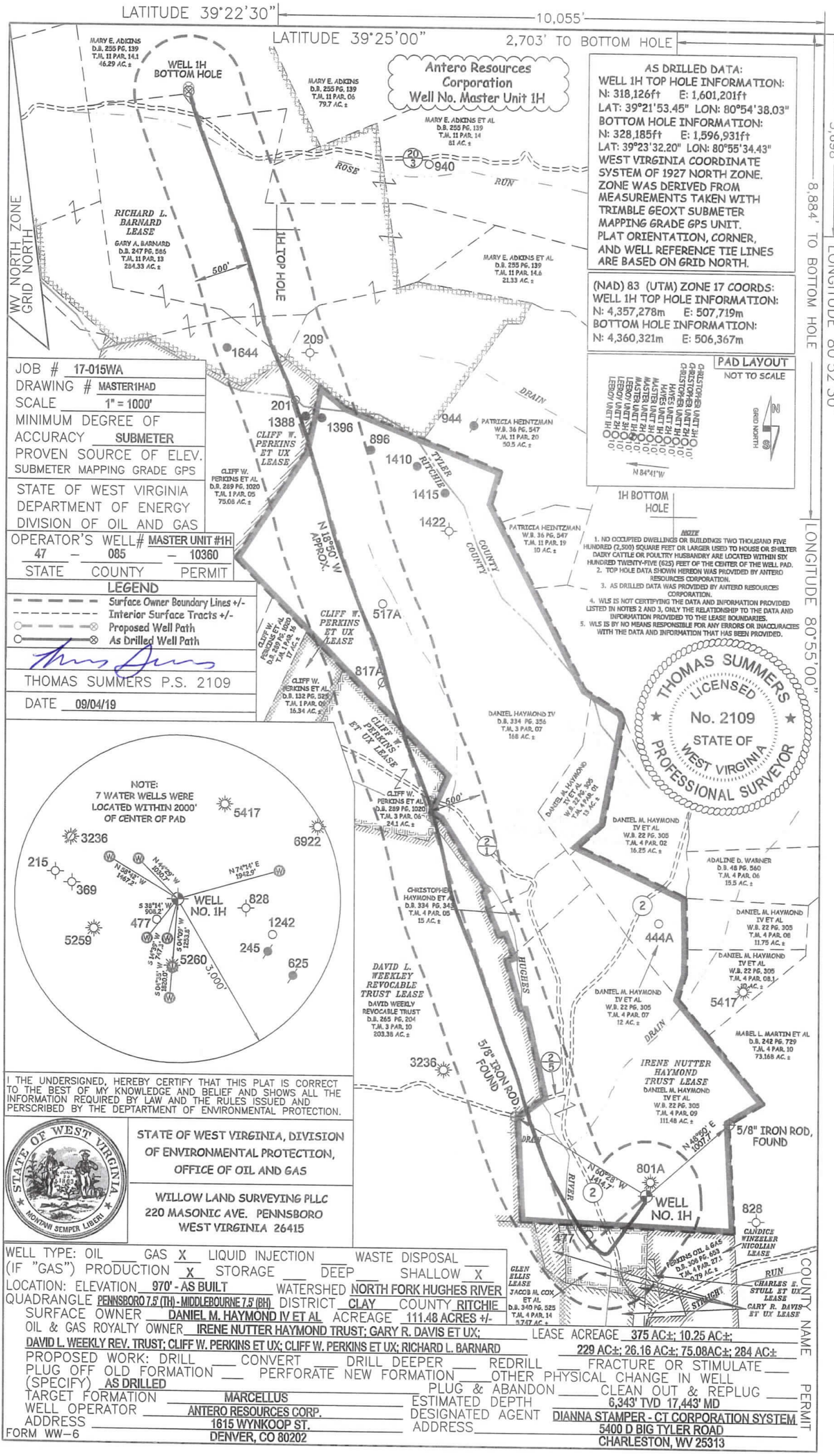
LATITUDE 39°22'30"
10,055'
LATITUDE 39°25'00"
2,703' TO BOTTOM HOLE
3,698'
8,884' TO BOTTOM HOLE
LONGITUDE 80°52'30"
LONGITUDE 80°55'00"
WV NORTH ZONE GRID NORTH
Antero Resources Corporation
Well No. Master Unit 1H
AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 318,126ft E: 1,601,201ft
LAT: 39°21'53.45" LON: 80°54'38.03"
BOTTOM HOLE INFORMATION:
N: 328,185ft E: 1,596,931ft
LAT: 39°23'32.20" LON: 80°55'34.43"
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: 4,357,278m E: 507,719m
BOTTOM HOLE INFORMATION:
N: 4,360,321m E: 506,367m
PAD LAYOUT
NOT TO SCALE
WELL 1H BOTTOM HOLE
1H TOP HOLE
MARY E. ADKINS D.B. 255 PG. 139 T.M. 11 PAR. 14.1 46.29 AC. ±
MARY E. ADKINS D.B. 255 PG. 139 T.M. 11 PAR. 06 79.7 AC. ±
MARY E. ADKINS ET AL D.B. 255 PG. 139 T.M. 11 PAR. 14 81 AC. ±
RICHARD L. BARNARD LEASE
GARY A. BARNARD D.B. 247 PG. 586 T.M. 11 PAR. 13 284.33 AC. ±
MARY E. ADKINS ET AL D.B. 255 PG. 139 T.M. 11 PAR. 14.6 21.33 AC. ±
ROSE RUN
DRAIN
PATRICIA HEINTZMAN W.B. 36 PG. 547 T.M. 11 PAR. 20 50.5 AC. ±
CLIFF W. PERKINS ET UX LEASE
CLIFF W. PERKINS ET AL D.B. 289 PG. 1020 T.M. 1 PAR. 05 75.08 AC. ±
TYLER RITCHIE COUNTY
PATRICIA HEINTZMAN W.B. 36 PG. 547 T.M. 11 PAR. 19 10 AC. ±
N 18°50' W APPROX.
CLIFF W. PERKINS ET AL D.B. 132 PG. 525 T.M. 1 PAR. 06 16.34 AC. ±
DANIEL HAYMOND IV D.B. 334 PG. 356 T.M. 3 PAR. 07 168 AC. ±
DANIEL M. HAYMOND IV ET AL W.B. 22 PG. 305 T.M. 4 PAR. 01 13 AC. ±
CLIFF W. PERKINS ET AL D.B. 289 PG. 1020 T.M. 3 PAR. 06 24.1 AC. ±
500'
DANIEL M. HAYMOND IV ET AL W.B. 22 PG. 305 T.M. 4 PAR. 02 16.25 AC. ±
ADALINE D. WARNER D.B. 48 PG. 560 T.M. 4 PAR. 06 15.5 AC. ±
CHRISTOPHER HAYMOND ET AL D.B. 334 PG. 345 T.M. 4 PAR. 05 15 AC. ±
DANIEL M. HAYMOND IV ET AL W.B. 22 PG. 305 T.M. 4 PAR. 08 11.75 AC. ±
DANIEL M. HAYMOND IV ET AL W.B. 22 PG. 305 T.M. 4 PAR. 08.1 10 AC. ±
DAVID L. WEEKLEY REVOCABLE TRUST LEASE
DAVID WEEKLY REVOCABLE TRUST D.B. 265 PG. 204 T.M. 3 PAR. 10 203.38 AC. ±
DANIEL M. HAYMOND IV ET AL W.B. 22 PG. 305 T.M. 4 PAR. 07 12 AC. ±
HUGHES DRAIN
MABEL L. MARTIN ET AL D.B. 242 PG. 729 T.M. 4 PAR. 10 73.168 AC. ±
IRENE NUTTER HAYMOND TRUST LEASE
DANIEL M. HAYMOND IV ET AL W.B. 22 PG. 305 T.M. 4 PAR. 09 111.48 AC. ±
5/8" IRON ROD FOUND
N 45°50' E 1007.7'
N 50°28' W 1414.7'
RIVER
WELL NO. 1H
CANDICE WINZELER NICOLIAN LEASE
GLEN ELLIS LEASE
JACOB M. COX ET AL D.B. 340 PG. 525 T.M. 4 PAR. 14 5.747 AC. ±
PERKINS OIL & GAS D.B. 306 PG. 683 T.M. 4 PAR. 27.1 0.79 AC. ±
CHARLES S. STULL ET UX LEASE
GARY R. DAVIS ET UX LEASE
STRAIGHT RUN
COUNTY ROAD
1644
209
201
1388
1396
896
1410
1415
1422
944
517A
817A
801A
444A
1H BOTTOM HOLE
NOTE
1. 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.
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.
THOMAS SUMMERS LICENSED No. 2109 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR
NOTE: 7 WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD
5417
3236
6922
215
369
828
1242
477
5259
245
625
5260
3,000'
N 74°14' E 1942.9'
N 45°29' W 1030.7'
N 38°45' W 1467.2'
S 38°14' W 908.2'
S 14°39' W 747.3'
S 04°09' W 1253.8'
S 04°09' W 1820.0'
JOB # 17-015WA
DRAWING # MASTER1HAD
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
OPERATOR'S WELL# MASTER UNIT #1H
47 – 085 – 10360
STATE COUNTY PERMIT
LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Proposed Well Path
As Drilled Well Path
THOMAS SUMMERS P.S. 2109
DATE 09/04/19
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 DEPTARTMENT 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
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 970' - AS BUILT WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PENNSBORO 7.5' (TH) - MIDDLEBOURNE 7.5' (BH) DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER DANIEL M. HAYMOND IV ET AL ACREAGE 111.48 ACRES +/-
OIL & GAS ROYALTY OWNER IRENE NUTTER HAYMOND TRUST; GARY R. DAVIS ET UX; LEASE ACREAGE 375 AC±; 10.25 AC±;
DAVID L. WEEKLY REV. TRUST; CLIFF W. PERKINS ET UX; CLIFF W. PERKINS ET UX; RICHARD L. BARNARD 229 AC±; 26.16 AC±; 75.08AC±; 284 AC±
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,343' TVD 17,443' 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
FORM WW-6
COUNTY NAME PERMIT