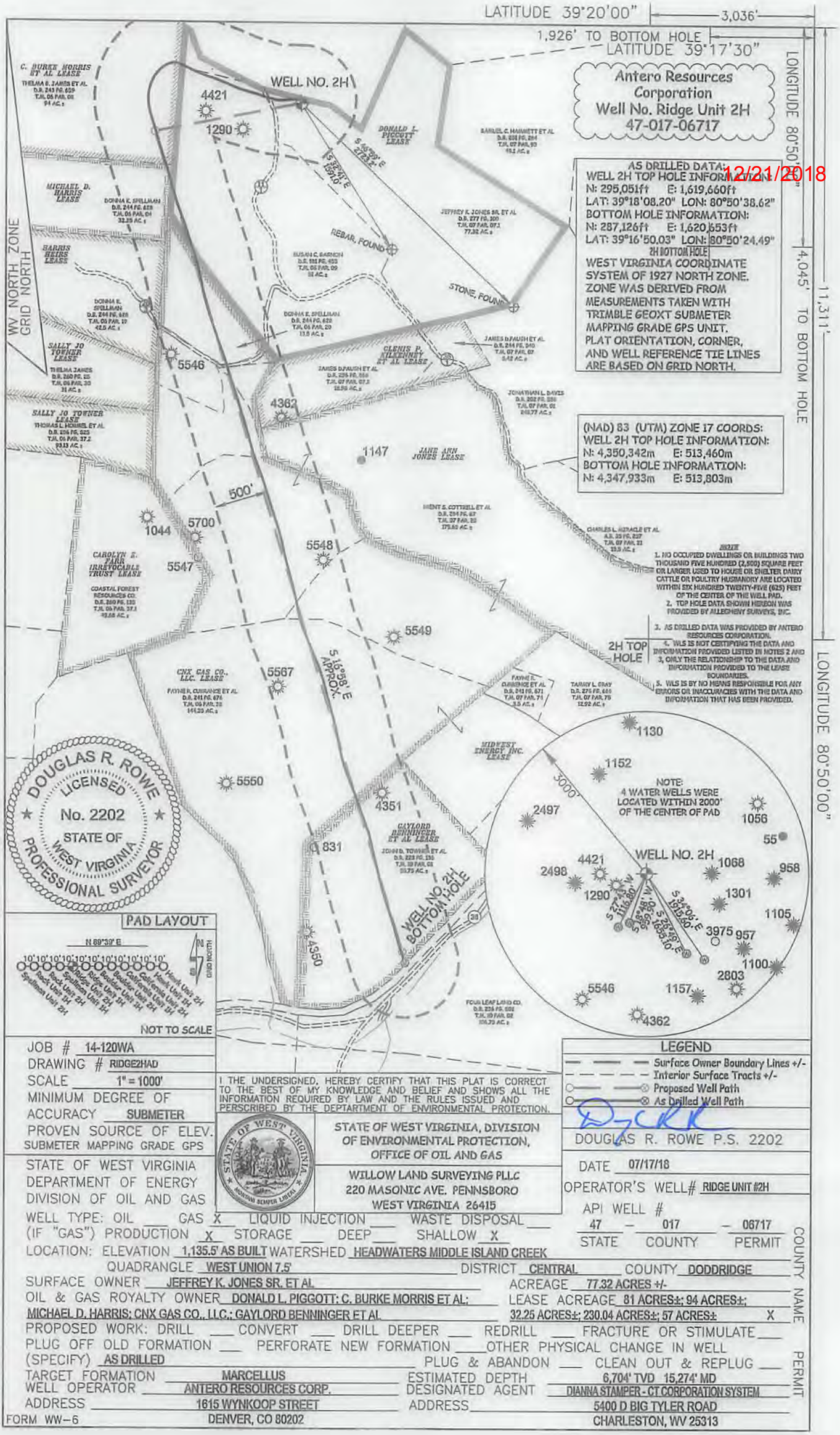
LATITUDE 39°20'00"
3,036'
1,926' TO BOTTOM HOLE
LATITUDE 39°17'30"
LONGITUDE 80°50'00"
4,045' TO BOTTOM HOLE
11,311'
LONGITUDE 80°50'00"
WV NORTH ZONE GRID NORTH
WELL NO. 2H
Antero Resources Corporation
Well No. Ridge Unit 2H
47-017-06717
12/21/2018
AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 295,051ft E: 1,619,660ft
LAT: 39°18'08.20" LON: 80°50'38.62"
BOTTOM HOLE INFORMATION:
N: 287,126ft E: 1,620,553ft
LAT: 39°16'50.03" LON: 80°50'24.49"
2H BOTTOM HOLE
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 2H TOP HOLE INFORMATION:
N: 4,350,342m E: 513,460m
BOTTOM HOLE INFORMATION:
N: 4,347,933m E: 513,803m
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 ALLEGHENY SURVEYS, INC.
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.
2H TOP HOLE
C. BURKE MORRIS ET AL LEASE
THELMA D. JAMES ET AL D.B. 243 PG. 629 T.M. 06 PAR. 08 94 AC.±
MICHAEL D. HARRIS LEASE
DONNA K. SPELLMAN D.B. 244 PG. 628 T.M. 06 PAR. 04 32.25 AC.±
HARRIS HEIRS LEASE
DONNA E. SPELLMAN D.B. 244 PG. 626 T.M. 06 PAR. 17 42.5 AC.±
SALLY JO TOWNER LEASE
THELMA JAMES D.B. 260 PG. 25 T.M. 06 PAR. 30 31 AC.±
SALLY JO TOWNER LEASE
THOMAS L. HOWELL ET AL D.B. 224 PG. 525 T.M. 06 PAR. 37.2 93.13 AC.±
CAROLYN R. FIAR IRREVOCABLE TRUST LEASE
COASTAL FOREST RESOURCES CO. D.B. 260 PG. 133 T.M. 06 PAR. 37.1 93.88 AC.±
CNX GAS CO., LLC. LEASE
FAYNE R. CLARANCE ET AL D.B. 241 PG. 676 T.M. 06 PAR. 28 144.39 AC.±
DONALD L. PIGGOTT LEASE
SAMUEL C. HAMMETT ET AL D.B. 231 PG. 284 T.M. 07 PAR. 93 19.5 AC.±
JEFFREY K. JONES SR. ET AL D.B. 277 PG. 300 T.M. 07 PAR. 07.1 77.32 AC.±
SUSAN C. BARNON D.B. 193 PG. 453 T.M. 06 PAR. 09 51 AC.±
DONNA E. SPELLMAN D.B. 244 PG. 622 T.M. 06 PAR. 29 13.5 AC.±
GLENIS P. WILKENNEY ET AL LEASE
JAMES D'AUGH ET AL D.B. 244 PG. 940 T.M. 07 PAR. 07 9.42 AC.±
JAMES D'AUGH ET AL D.B. 235 PG. 556 T.M. 07 PAR. 07.2 18.56 AC.±
JONATHAN L. DAVIS D.B. 302 PG. 330 T.M. 07 PAR. 01 210.77 AC.±
JANE ANN JONES LEASE
BRENT S. COTTRELL ET AL D.B. 294 PG. 67 T.M. 07 PAR. 28 175.60 AC.±
CHARLES L. MIRACLE ET AL A.B. 35 PG. 227 T.M. 07 PAR. 31 13.5 AC.±
TARMY L. GRAY D.B. 275 PG. 665 T.M. 07 PAR. 79 12.92 AC.±
MIDWEST ENERGY INC. LEASE
GAYLORD BENNINGER ET AL LEASE
JOHN D. TOWNER ET AL D.B. 223 PG. 135 T.M. 10 PAR. 03 33.75 AC.±
FOUR LEAF LAND CO. D.B. 224 PG. 699 T.M. 10 PAR. 02 108.79 AC.±
REBAR FOUND
STONE FOUND
S 45°39' E 2125.2'
S 5°41' E 1590'
500'
S 16°58' E APPROX.
4421
1290
5546
4362
1147
1044
5700
5548
5547
5549
5567
5550
4351
831
4350
WELL NO. 2H BOTTOM HOLE
3000'
NOTE: 4 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD
1130
1152
2497
1056
55
WELL NO. 2H
4421
1068
958
2498
1290
1301
1105
3975
957
1100
2803
5546
1157
4362
S 27°43' W 1115.80'
S 18°48' W 999.50'
S 35°59' E 1695.10'
S 34°06' E 1915.50'
PAD LAYOUT
N 89°39' E
10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10'
Hawk Unit 2H
Raider Unit 2H
Boulder Unit 2H
California Unit 2H
Rock Unit 2H
Spellman Unit 2H
GRID NORTH
NOT TO SCALE
LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Proposed Well Path
As Drilled Well Path
JOB # 14-120WA
DRAWING # RIDGE2HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
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
DOUGLAS R. ROWE P.S. 2202
DATE 07/17/18
OPERATOR'S WELL# RIDGE UNIT #2H
API WELL # 47 - 017 - 06717
STATE COUNTY PERMIT
STATE OF WEST VIRGINIA
DEPARTMENT 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 1,135.5' AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER JEFFREY K. JONES SR. ET AL ACREAGE 77.32 ACRES +/-
OIL & GAS ROYALTY OWNER DONALD L. PIGGOTT; C. BURKE MORRIS ET AL; MICHAEL D. HARRIS; CNX GAS CO., LLC.; GAYLORD BENNINGER ET AL LEASE ACREAGE 81 ACRES±; 94 ACRES±; 32.25 ACRES±; 230.04 ACRES±; 57 ACRES± X
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 6,704' TVD 15,274' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313
FORM WW-6
COUNTY NAME PERMIT