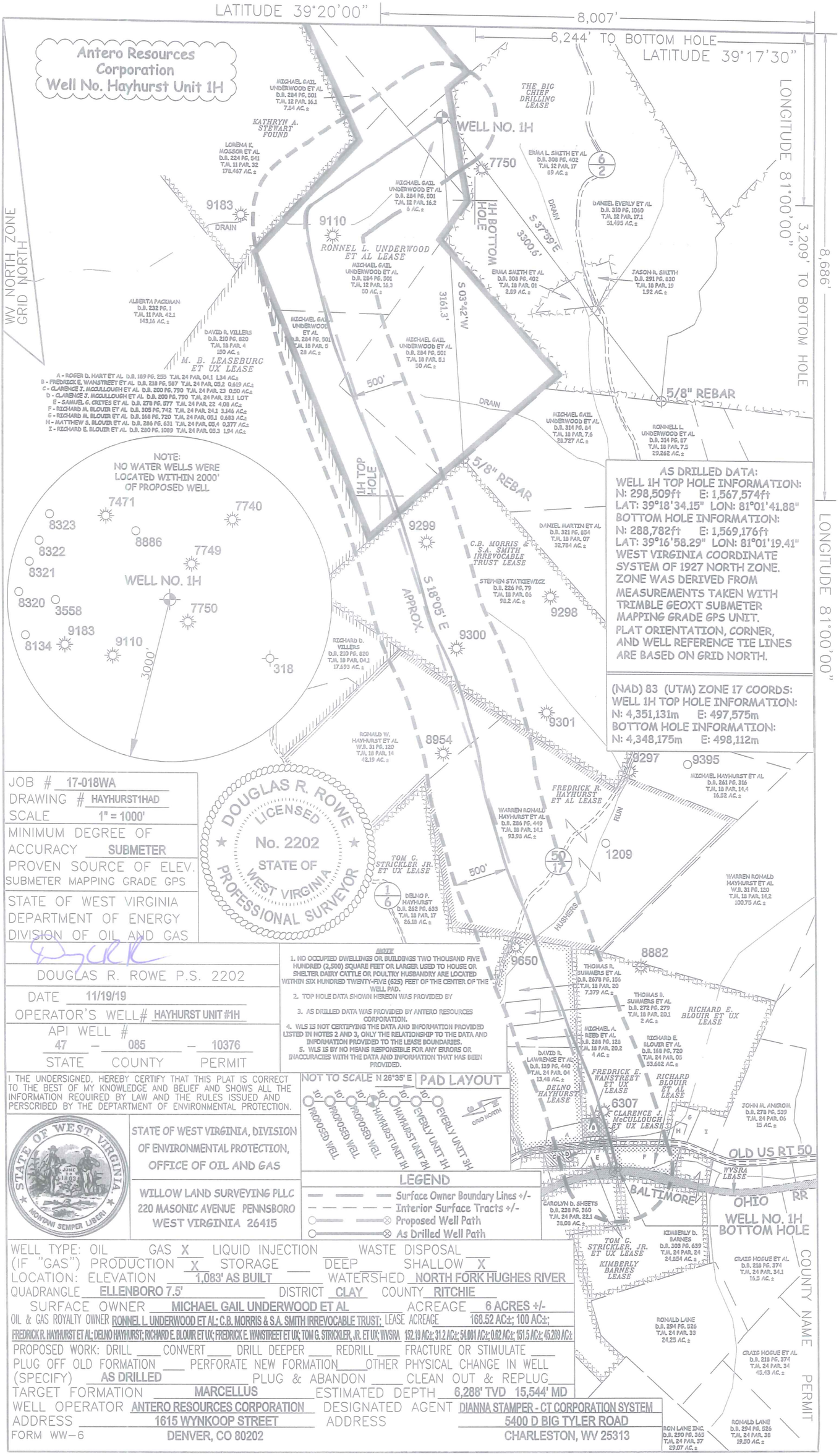
LATITUDE 39°20'00"
8,007'
6,244' TO BOTTOM HOLE
LATITUDE 39°17'30"
LONGITUDE 81°00'00"
3,209' TO BOTTOM HOLE
8,686'
LONGITUDE 81°00'00"
Antero Resources Corporation
Well No. Hayhurst Unit 1H
WV NORTH ZONE GRID NORTH
WELL NO. 1H
1H BOTTOM HOLE
1H TOP HOLE
7750
9110
9183
9299
9298
9300
9301
8954
9297
9395
9650
8882
6307
1209
3161.3'
S 03°42'W
3300.6'
S 37°39'E
S 18°05' E APPROX.
500'
3000'
DRAIN
RUN
HUSHERS
5/8" REBAR
MICHAEL GAIL UNDERWOOD ET AL D.B. 284 PG. 501 T.M. 12 PAR. 16.1 7.84 AC.±
KATHRYN A. STEWART FOUND
LORENA K. MOSSOR ET AL D.B. 224 PG. 541 T.M. 11 PAR. 32 178.467 AC.±
THE BIG CHIEF DRILLING LEASE
EMMA L. SMITH ET AL D.B. 309 PG. 402 T.M. 12 PAR. 17 69 AC.±
DANIEL EVENLY ET AL D.B. 310 PG. 1060 T.M. 12 PAR. 17.1 51.495 AC.±
MICHAEL GAIL UNDERWOOD ET AL D.B. 284 PG. 501 T.M. 12 PAR. 16.2 6 AC.±
RONNEL L. UNDERWOOD ET AL LEASE
MICHAEL GAIL UNDERWOOD ET AL D.B. 284 PG. 501 T.M. 12 PAR. 16.3 50 AC.±
EMMA SMITH ET AL D.B. 309 PG. 402 T.M. 18 PAR. 01 2.89 AC.±
JASON R. SMITH D.B. 291 PG. 830 T.M. 18 PAR. 19 1.92 AC.±
ALBERTA PACKMAN D.B. 232 PG. 1 T.M. 11 PAR. 42.1 143.16 AC.±
DAVID R. VILLERS D.B. 210 PG. 820 T.M. 18 PAR. 4 150 AC.±
M. B. LEASEBURG ET UX LEASE
MICHAEL GAIL UNDERWOOD ET AL D.B. 284 PG. 501 T.M. 18 PAR. 5 28 AC.±
MICHAEL GAIL UNDERWOOD ET AL D.B. 284 PG. 501 T.M. 18 PAR. 5.1 50 AC.±
A - ROGER D. HART ET AL D.B. 169 PG. 259 T.M. 24 PAR. 04.1 1.34 AC.±
B - FREDRICK E. WANSTREET ET AL D.B. 218 PG. 587 T.M. 24 PAR. 05.2 0.613 AC.±
C - CLARENCE J. MCCULLOUGH ET AL D.B. 200 PG. 790 T.M. 24 PAR. 23 0.50 AC.±
D - CLARENCE J. MCCULLOUGH ET AL D.B. 200 PG. 790 T.M. 24 PAR. 23.1 LOT
E - SAMUEL G. CRITES ET AL D.B. 278 PG. 577 T.M. 24 PAR. 22 4.08 AC.±
F - RICHARD M. BLOUIR ET AL D.B. 305 PG. 742 T.M. 24 PAR. 24.1 3.146 AC.±
G - RICHARD M. BLOUIR ET AL D.B. 168 PG. 720 T.M. 24 PAR. 05.1 0.683 AC.±
H - MATTHEW S. BLOUIR ET AL D.B. 286 PG. 631 T.M. 24 PAR. 05.4 0.377 AC.±
I - RICHARD E. BLOUIR ET AL D.B. 280 PG. 1089 T.M. 24 PAR. 05.3 1.94 AC.±
NOTE: NO WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL
7471
7740
8323
8886
8322
7749
8321
3558
8320
8134
318
MICHAEL GAIL UNDERWOOD ET AL D.B. 284 PG. 84 T.M. 18 PAR. 7.6 29.727 AC.±
RONNELL UNDERWOOD ET AL D.B. 314 PG. 67 T.M. 18 PAR. 7.5 29.262 AC.±
DANIEL MARTIN ET AL D.B. 321 PG. 854 T.M. 18 PAR. 07 32.784 AC.±
C.B. MORRIS & S.A. SMITH IRREVOCABLE TRUST LEASE
STEPHEN STATKIEWICZ D.B. 226 PG. 79 T.M. 18 PAR. 06 59.2 AC.±
RICHARD D. VILLERS D.B. 210 PG. 820 T.M. 18 PAR. 04.1 17.693 AC.±
RONALD W. HAYHURST ET AL W.B. 31 PG. 120 T.M. 18 PAR. 14 42.19 AC.±
AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 298,509ft E: 1,567,574ft
LAT: 39°18'34.15" LON: 81°01'41.88"
BOTTOM HOLE INFORMATION:
N: 288,782ft E: 1,569,176ft
LAT: 39°16'58.29" LON: 81°01'19.41"
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: 4,351,131m E: 497,575m
BOTTOM HOLE INFORMATION:
N: 4,348,175m E: 498,112m
MICHAEL HAYHURST ET AL D.B. 261 PG. 316 T.M. 18 PAR. 14.4 16.52 AC.±
FREDRICK R. HAYHURST ET AL LEASE
WARREN RONALD HAYHURST ET AL D.B. 286 PG. 449 T.M. 18 PAR. 14.1 93.99 AC.±
WARREN RONALD HAYHURST ET AL W.B. 31 PG. 120 T.M. 18 PAR. 14.2 100.75 AC.±
TOM G. STRICKLER JR. ET UX LEASE
DELNO P. HAYHURST D.B. 282 PG. 533 T.M. 18 PAR. 17 26.18 AC.±
THOMAS R. SUMMERS ET AL D.B. 267B PG. 156 T.M. 18 PAR. 20 7.379 AC.±
THOMAS B. SUMMERS ET AL D.B. 272 PG. 279 T.M. 18 PAR. 20.1 2 AC.±
RICHARD E. BLOUIR ET UX LEASE
MICHAEL A. REED ET AL D.B. 288 PG. 128 T.M. 18 PAR. 20.2 4 AC.±
RICHARD E. BLOUIR ET AL D.B. 168 PG. 720 T.M. 24 PAR. 05 53.582 AC.±
DAVID R. LAWRENCE ET AL D.B. 139 PG. 440 T.M. 24 PAR. 04 13.48 AC.±
FREDRICK E. WANSTREET ET UX LEASE
RICHARD BLOUIR ET AL LEASE
DELNO HAYHURST LEASE
CLARENCE J. MCCULLOUGH ET UX LEASE
JOHN M. ANGROM D.B. 278 PG. 529 T.M. 24 PAR. 06 15 AC.±
OLD US RT 50
WVSRA LEASE
BALTIMORE OHIO RR
CAROLYN D. SHEETS D.B. 238 PG. 360 T.M. 24 PAR. 22.1 38.09 AC.±
KIMBERLY D. BARNES D.B. 303 PG. 639 T.M. 24 PAR. 24 24.854 AC.±
TOM G. STRICKLER, JR. ET UX LEASE
KIMBERLY BARNES LEASE
CRAIG HOGUE ET AL D.B. 218 PG. 374 T.M. 24 PAR. 34.1 16.5 AC.±
RONALD LANE D.B. 294 PG. 526 T.M. 24 PAR. 33 24.25 AC.±
CRAIG HOGUE ET AL D.B. 218 PG. 374 T.M. 24 PAR. 34 45.43 AC.±
RON LANE INC. D.B. 290 PG. 365 T.M. 24 PAR. 37 29.07 AC.±
RONALD LANE D.B. 218 PG. 374 T.M. 24 PAR. 36 19.50 AC.±
DOUGLAS R. ROWE LICENSED No. 2202 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR
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
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.
NOT TO SCALE
N 26°35' E
PAD LAYOUT
PROPOSED WELL
PROPOSED WELL
PROPOSED WELL
HAYHURST UNIT 1H
HAYHURST UNIT 2H
EVERLY UNIT 1H
EVERLY UNIT 3H
GRID NORTH
LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Proposed Well Path
As Drilled Well Path
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
JOB # 17-018WA
DRAWING # HAYHURST1HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
DOUGLAS R. ROWE P.S. 2202
DATE 11/19/19
OPERATOR'S WELL# HAYHURST UNIT #1H
API WELL # 47 – 085 – 10376
STATE COUNTY PERMIT
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 AVENUE PENNSBORO
WEST VIRGINIA 26415
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,083' AS BUILT WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE ELLENBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER MICHAEL GAIL UNDERWOOD ET AL ACREAGE 6 ACRES +/-
OIL & GAS ROYALTY OWNER RONNEL L. UNDERWOOD ET AL; C.B. MORRIS & S.A. SMITH IRREVOCABLE TRUST; LEASE ACREAGE 168.52 AC±; 100 AC±;
FREDRICK R. HAYHURST ET AL; DELNO HAYHURST; RICHARD E. BLOUIR ET UX; FREDRICK E. WANSTREET ET UX; TOM G. STRICKLER, JR. ET UX; WVSRA 132.19 AC±; 31.2 AC±; 54.081 AC±; 0.62 AC±; 151.5 AC±; 45.208 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 6,288' TVD 15,544' MD
WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313
COUNTY NAME PERMIT