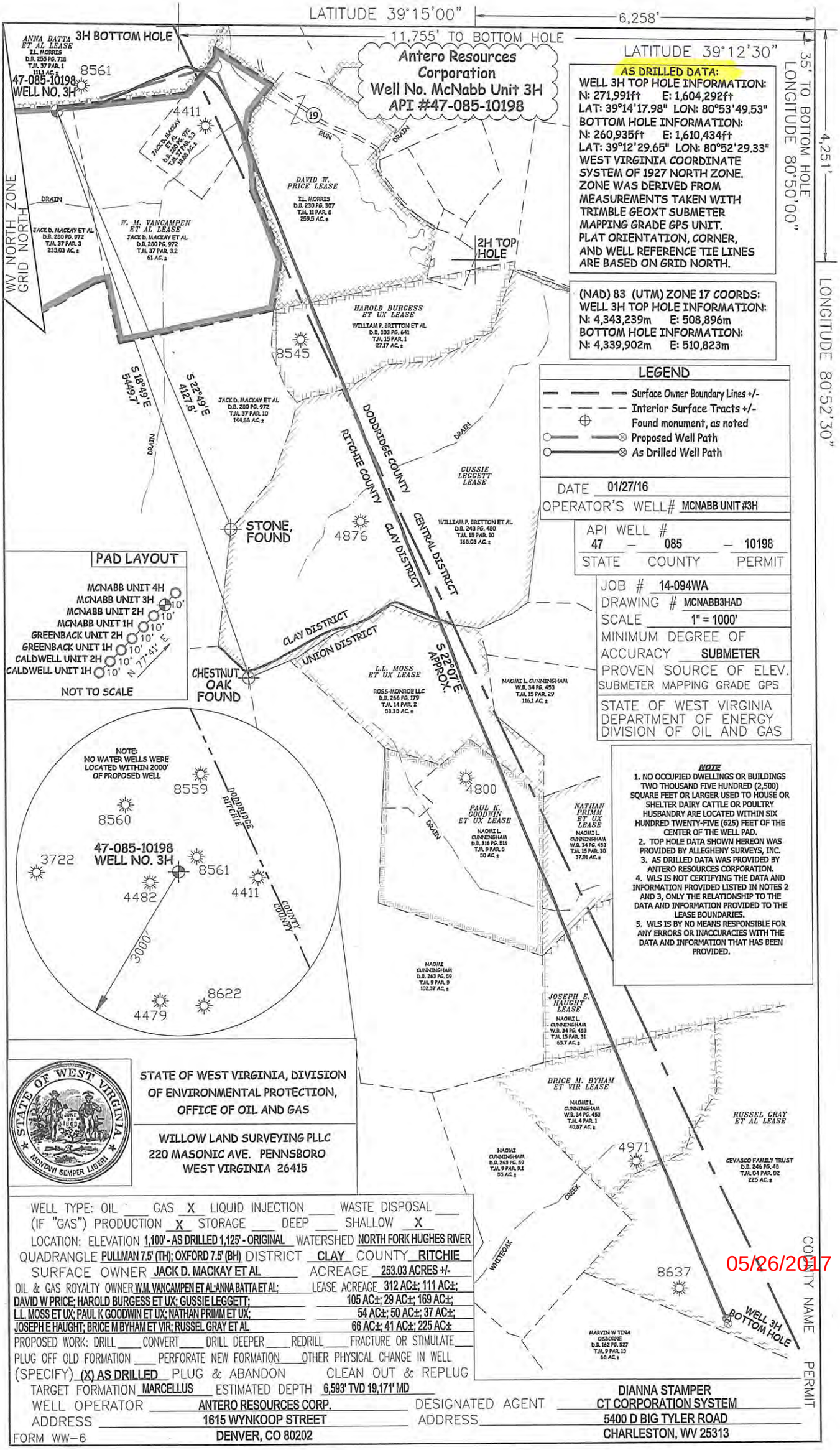
LATITUDE 39°15'00"
6,258'
11,755' TO BOTTOM HOLE
3H BOTTOM HOLE
Antero Resources Corporation
Well No. McNabb Unit 3H
API #47-085-10198
LATITUDE 39°12'30"
35' TO BOTTOM HOLE LONGITUDE 80°50'00"
4,251'
LONGITUDE 80°52'30"
WV NORTH ZONE GRID NORTH
AS DRILLED DATA:
WELL 3H TOP HOLE INFORMATION:
N: 271,991ft E: 1,604,292ft
LAT: 39°14'17.98" LON: 80°53'49.53"
BOTTOM HOLE INFORMATION:
N: 260,935ft E: 1,610,434ft
LAT: 39°12'29.65" LON: 80°52'29.33"
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: 4,343,239m E: 508,896m
BOTTOM HOLE INFORMATION:
N: 4,339,902m E: 510,823m
2H TOP HOLE
47-085-10198 WELL NO. 3H
ANNA BATTA ET AL LEASE
T.L. MORRIS
D.B. 255 PG. 718
T.M. 37 PAR. 1
111.1 AC. ±
8561
4411
JACK D. MACKAY ET AL
D.B. 280 PG. 972
T.M. 37 PAR. 3.3
18.88 AC. ±
DAVID W. PRICE LEASE
T.L. MORRIS
D.B. 230 PG. 307
T.M. 11 PAR. 6
259.5 AC. ±
W. M. VANCAMPEN ET AL LEASE
JACK D. MACKAY ET AL
D.B. 280 PG. 972
T.M. 37 PAR. 3.2
61 AC. ±
JACK D. MACKAY ET AL
D.B. 280 PG. 972
T.M. 37 PAR. 3
233.03 AC. ±
HAROLD BURGESS ET UX LEASE
WILLIAM P. BRITTON ET AL
D.B. 303 PG. 641
T.M. 15 PAR. 1
27.17 AC. ±
8545
S 18°49'E 5449.7'
S 22°49'E 4127.8'
JACK D. MACKAY ET AL
D.B. 280 PG. 972
T.M. 37 PAR. 10
144.86 AC. ±
DODDRIDGE COUNTY
RITCHIE COUNTY
CENTRAL DISTRICT
CLAY DISTRICT
GUSSIE LEGGETT LEASE
WILLIAM P. BRITTON ET AL
D.B. 243 PG. 460
T.M. 15 PAR. 10
169.03 AC. ±
STONE, FOUND
4876
CHESTNUT OAK FOUND
UNION DISTRICT
S 22°07'E APPROX.
L.L. MOSS ET UX LEASE
ROSS-MONROE LLC
D.B. 266 PG. 179
T.M. 14 PAR. 2
53.35 AC. ±
NAOMI L. CUNNINGHAM
W.B. 34 PG. 453
T.M. 15 PAR. 29
116.1 AC. ±
4800
PAUL K. GOODWIN ET UX LEASE
NAOMI L. CUNNINGHAM
D.B. 316 PG. 516
T.M. 9 PAR. 5
50 AC. ±
NATHAN PRIMM ET UX LEASE
NAOMI L. CUNNINGHAM
W.B. 34 PG. 453
T.M. 15 PAR. 30
37.01 AC. ±
NAOMI CUNNINGHAM
D.B. 263 PG. 59
T.M. 9 PAR. 9
102.37 AC. ±
JOSEPH E. HAUGHT LEASE
NAOMI L. CUNNINGHAM
W.B. 34 PG. 453
T.M. 15 PAR. 31
63.7 AC. ±
BRICE M. BYHAM ET VIR LEASE
NAOMI L. CUNNINGHAM
W.B. 34 PG. 453
T.M. 4 PAR. 1
40.87 AC. ±
RUSSEL GRAY ET AL LEASE
NAOMI CUNNINGHAM
D.B. 263 PG. 59
T.M. 9 PAR. 9.1
83 AC. ±
4971
CEVASCO FAMILY TRUST
D.B. 246 PG. 45
T.M. 04 PAR. 02
225 AC. ±
WHETEOAK CREEK
8637
WELL 3H BOTTOM HOLE
MARVIN W TENA OSBORNE
D.B. 162 PG. 527
T.M. 9 PAR. 15
68 AC. ±
COUNTY NAME
PERMIT
05/26/2017
LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Found monument, as noted
Proposed Well Path
As Drilled Well Path
DATE 01/27/16
OPERATOR'S WELL# MCNABB UNIT #3H
API WELL # 47 – 085 – 10198
STATE COUNTY PERMIT
JOB # 14-094WA
DRAWING # MCNABB3HAD
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
PAD LAYOUT
MCNABB UNIT 4H
MCNABB UNIT 3H
MCNABB UNIT 2H
MCNABB UNIT 1H
GREENBACK UNIT 2H
GREENBACK UNIT 1H
CALDWELL UNIT 2H
CALDWELL UNIT 1H
10'
77°41' E
NOT TO SCALE
NOTE:
NO WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL
8559
8560
47-085-10198 WELL NO. 3H
3722
8561
4482
4411
3000'
8622
4479
DODDRIDGE
RITCHIE
COUNTY
COUNTY
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.
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 1,100' - AS DRILLED 1,125' - ORIGINAL WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PULLMAN 7.5' (TH); OXFORD 7.5' (BH) DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER JACK D. MACKAY ET AL ACREAGE 253.03 ACRES +/-
OIL & GAS ROYALTY OWNER W.M. VANCAMPEN ET AL; ANNA BATTA ET AL; LEASE ACREAGE 312 AC±; 111 AC±;
DAVID W PRICE; HAROLD BURGESS ET UX; GUSSIE LEGGETT; 105 AC±; 29 AC±; 169 AC±;
L.L. MOSS ET UX; PAUL K GOODWIN ET UX; NATHAN PRIMM ET UX; 54 AC±; 50 AC±; 37 AC±;
JOSEPH E HAUGHT; BRICE M BYHAM ET VIR; RUSSEL GRAY ET AL 66 AC±; 41 AC±; 225 AC±
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) (X) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,593' TVD 19,171' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313
FORM WW-6