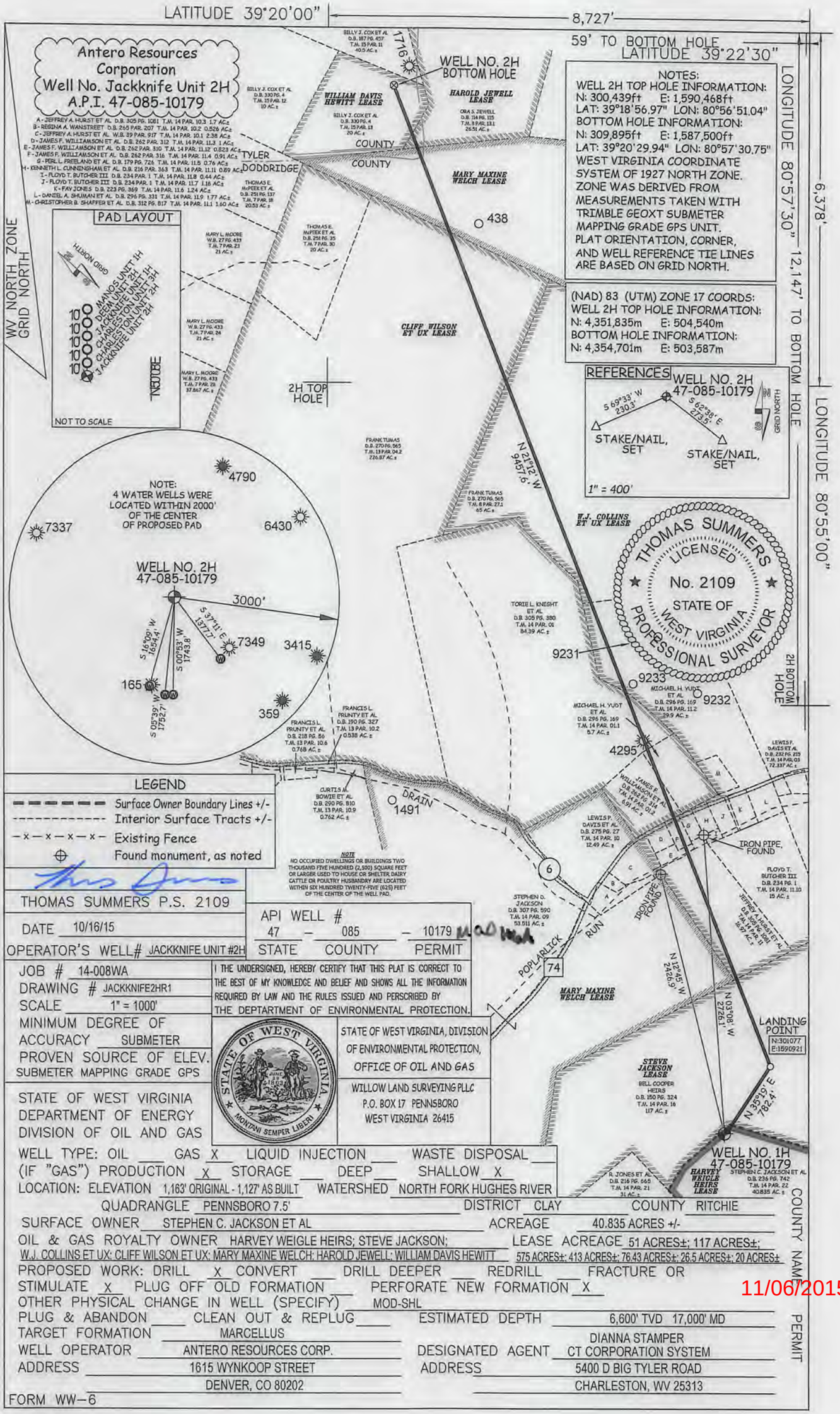
LATITUDE 39°20'00"
8,727'
59' TO BOTTOM HOLE
LATITUDE 39°22'30"
LONGITUDE 80°57'30"
12,147' TO BOTTOM HOLE
LONGITUDE 80°55'00"
6,378'
Antero Resources Corporation
Well No. Jackknife Unit 2H
A.P.I. 47-085-10179
WELL NO. 2H BOTTOM HOLE
NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 300,439ft E: 1,590,468ft
LAT: 39°18'56.97" LON: 80°56'51.04"
BOTTOM HOLE INFORMATION:
N: 309,895ft E: 1,587,500ft
LAT: 39°20'29.94" LON: 80°57'30.75"
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: 4,351,835m E: 504,540m
BOTTOM HOLE INFORMATION:
N: 4,354,701m E: 503,587m
REFERENCES
WELL NO. 2H
47-085-10179
S 69°33' W 230.3'
S 62°38' E 278.5'
STAKE/NAIL, SET
STAKE/NAIL, SET
GRID NORTH
1" = 400'
PAD LAYOUT
GRID NORTH
MANOS UNIT 1H
DEER UNIT 2H
JACKKNIFE UNIT 1H
CHARLESTON UNIT 3H
JACKKNIFE UNIT 2H
TYLER
DODDRIDGE
NOT TO SCALE
WV NORTH ZONE GRID NORTH
2H TOP HOLE
WELL NO. 2H
47-085-10179
NOTE:
4 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PROPOSED PAD
4790
7337
6430
7349
3415
165
359
3000'
S 16°09' W 1654.4'
S 37°11' E 1377.7'
S 00°53' W 1743.8'
S 05°39' W 1752.7'
N 21°21' W 9431.6'
1716
438
9231
9233
9232
4295
1491
6
74
COUNTY
COUNTY
WILLIAM DAVIS HEWITT LEASE
HAROLD JEWELL LEASE
MARY MAXINE WELCH LEASE
CLIFF WILSON ET UX LEASE
W.J. COLLINS ET UX LEASE
STEVE JACKSON LEASE
HARVEY WEIGLE HEIRS LEASE
THOMAS SUMMERS LICENSED No. 2109 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR
2H BOTTOM HOLE
DRAIN
RUN
POPLARLICK
IRON PIPE, FOUND
IRON PIPE FOUND
LANDING POINT N:301077 E:1590921
N 17°45' W 2426.9'
N 03°08' W 2726.1'
N 35°10' E 782.4'
WELL NO. 1H
47-085-10179
LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Existing Fence
Found monument, as noted
NOTE
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.
THOMAS SUMMERS P.S. 2109
DATE 10/16/15
OPERATOR'S WELL# JACKKNIFE UNIT #2H
API WELL # 47 – 085 – 10179 M A D Web
STATE COUNTY PERMIT
JOB # 14-008WA
DRAWING # JACKKNIFE2HR1
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 DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
P.O. BOX 17 PENNSBORO
WEST VIRGINIA 26415
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,163' ORIGINAL - 1,127' AS BUILT WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER STEPHEN C. JACKSON ET AL ACREAGE 40.835 ACRES +/-
OIL & GAS ROYALTY OWNER HARVEY WEIGLE HEIRS; STEVE JACKSON; LEASE ACREAGE 51 ACRES±; 117 ACRES±;
W.J. COLLINS ET UX; CLIFF WILSON ET UX; MARY MAXINE WELCH; HAROLD JEWELL; WILLIAM DAVIS HEWITT 575 ACRES±; 413 ACRES±; 76.43 ACRES±; 26.5 ACRES±; 20 ACRES±
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) MOD-SHL
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
ESTIMATED DEPTH 6,600' TVD 17,000' MD
TARGET FORMATION MARCELLUS
WELL OPERATOR ANTERO RESOURCES CORP.
ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202
DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM
ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313
11/06/2015
COUNTY NAME PERMIT
FORM WW-6