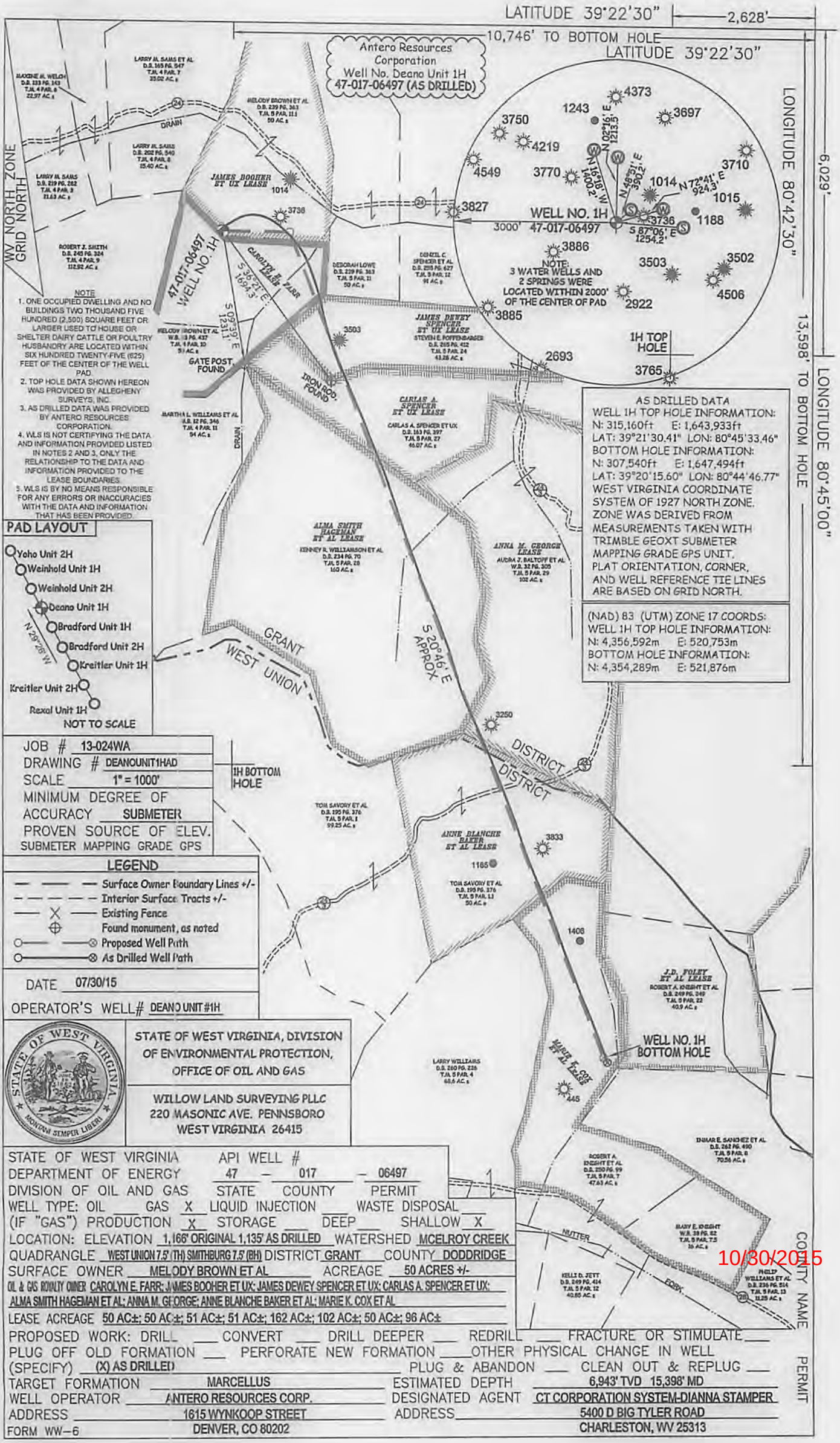
LATITUDE 39°22'30"
2,628'
10,746' TO BOTTOM HOLE
LATITUDE 39°22'30"
Antero Resources Corporation
Well No. Deano Unit 1H
47-017-06497 (AS DRILLED)
LONGITUDE 80°42'30"
6,029'
13,598' TO BOTTOM HOLE
LONGITUDE 80°45'00"
WV NORTH ZONE
GRID NORTH
WELL NO. 1H
47-017-06497
3000'
S 87°06' E
1254.2'
N 02°16' E
1213.3'
N 16°51' W
1400.2'
N 48°51' E
3902'
N 72°41' E
924.3'
S 36°21' E
1694.3'
S 09°39' E
1231.1'
1H TOP HOLE
1H BOTTOM HOLE
WELL NO. 1H BOTTOM HOLE
GRANT
WEST UNION
DISTRICT
DISTRICT
S 20°46' E
APPROX
DRAIN
DRAIN
GATE POST FOUND
IRON ROD FOUND
NOTE:
3 WATER WELLS AND
2 SPRINGS WERE
LOCATED WITHIN 2000'
OF THE CENTER OF PAD
NOTE
1. ONE OCCUPIED DWELLING AND NO 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.
AS DRILLED DATA
WELL 1H TOP HOLE INFORMATION:
N: 315,160ft E: 1,643,933ft
LAT: 39°21'30.41" LON: 80°45'33.46"
BOTTOM HOLE INFORMATION:
N: 307,540ft E: 1,647,494ft
LAT: 39°20'15.60" LON: 80°44'46.77"
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: 4,356,592m E: 520,753m
BOTTOM HOLE INFORMATION:
N: 4,354,289m E: 521,876m
PAD LAYOUT
Yoho Unit 2H
Weinhold Unit 1H
Weinhold Unit 2H
Deano Unit 1H
Bradford Unit 1H
Bradford Unit 2H
Kreitler Unit 1H
Kreitler Unit 2H
Rexal Unit 1H
N 29°26' W
NOT TO SCALE
JOB # 13-024WA
DRAWING # DEANOUNIT1HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Existing Fence
Found monument, as noted
Proposed Well Path
As Drilled Well Path
DATE 07/30/15
OPERATOR'S WELL# DEANO UNIT #1H
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
API WELL # 47 – 017 – 06497
STATE COUNTY PERMIT
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,166' ORIGINAL 1,135' AS DRILLED WATERSHED MCELROY CREEK
QUADRANGLE WEST UNION 7.5' (TH) SMITHBURG 7.5' (BH) DISTRICT GRANT COUNTY DODDRIDGE
SURFACE OWNER MELODY BROWN ET AL ACREAGE 50 ACRES +/-
OIL & GAS ROYALTY OWNER CAROLYN E. FARR; JAMES BOOHER ET UX; JAMES DEWEY SPENCER ET UX; CARLAS A. SPENCER ET UX; ALMA SMITH HAGEMAN ET AL; ANNA M. GEORGE; ANNE BLANCHE BAKER ET AL; MARIE K. COX ET AL
LEASE ACREAGE 50 AC±; 50 AC±; 51 AC±; 51 AC±; 162 AC±; 102 AC±; 50 AC±; 96 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 6,943' TVD 15,398' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313
FORM WW-6
COUNTY NAME PERMIT
10/30/2015