

LATITUDE 39°27'30"

7,370'

5,191' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°42'30"

12,699'

LONGITUDE 80°42'30"

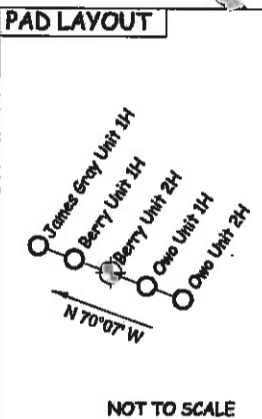
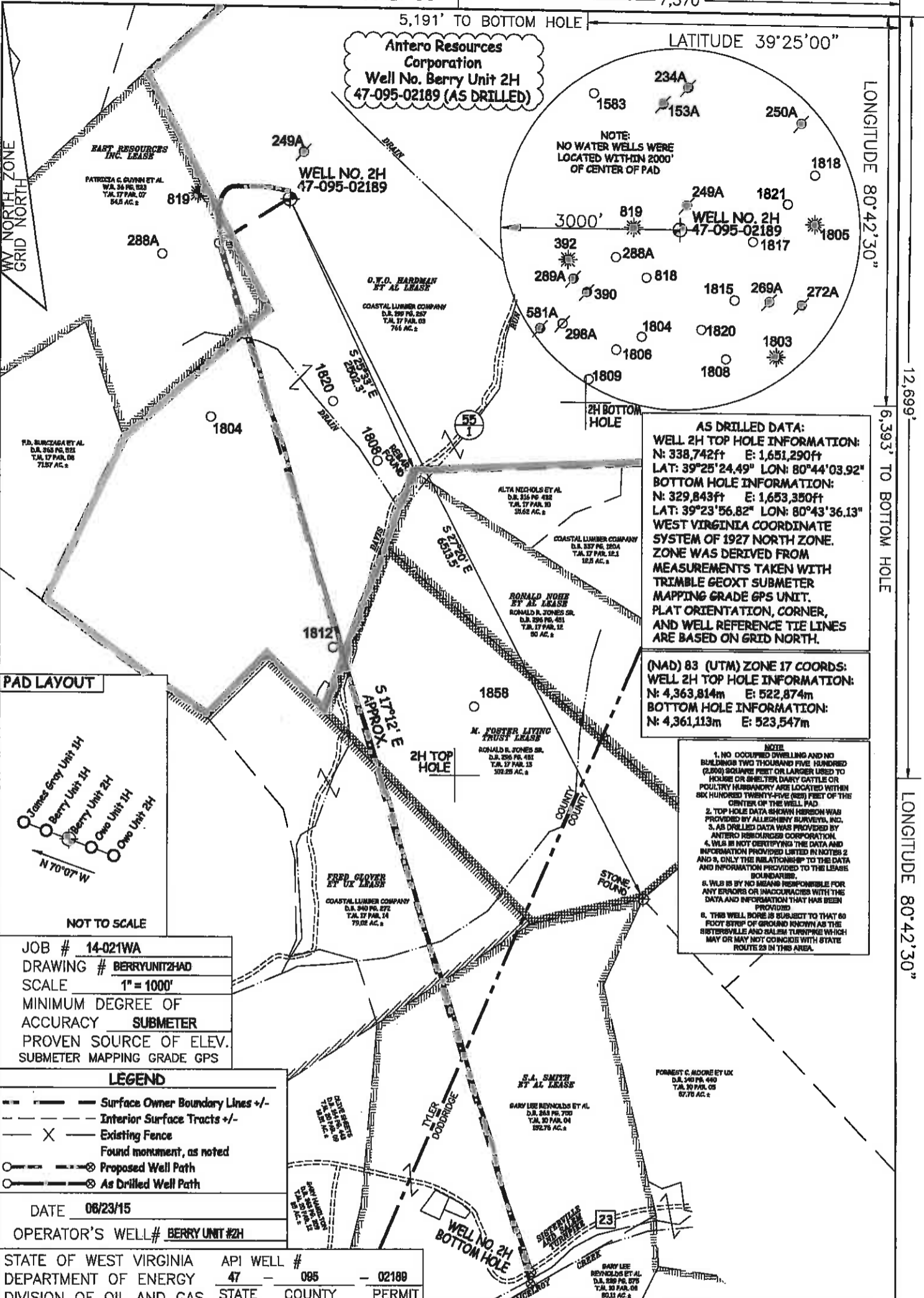
Antero Resources Corporation
Well No. Berry Unit 2H
47-095-02189 (AS DRILLED)

NOTE:
NO WATER WELLS WERE
LOCATED WITHIN 2000'
OF CENTER OF PAD

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 338,742ft E: 1,651,290ft
LAT: 39°25'24.49" LON: 80°44'03.92"
BOTTOM HOLE INFORMATION:
N: 329,843ft E: 1,653,350ft
LAT: 39°23'56.82" LON: 80°43'36.13"
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: 4,363,814m E: 522,874m
BOTTOM HOLE INFORMATION:
N: 4,361,113m E: 523,547m

NOTE
1. NO 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 VERIFYING 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
6. THIS WELL BORE IS SUBJECT TO THAT 60 FOOT STRIP OF GROUND KNOWN AS THE SISTERSVILLE AND SALEM TURNPIKE WHICH MAY OR MAY NOT COINCIDE WITH STATE ROUTE 23 IN THIS AREA.



JOB # 14-021WA
DRAWING # BERRYUNIT2HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
X Existing Fence
o Found monument, as noted
o Proposed Well Path
o As Drilled Well Path

DATE 06/23/15
OPERATOR'S WELL # BERRY UNIT #2H

STATE OF WEST VIRGINIA API WELL #
DEPARTMENT OF ENERGY 47 - 095 - 02189
DIVISION OF OIL AND GAS STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1,171' ORIGINAL - 1,184' AS DRILLED WATERSHED MCELROY CREEK
QUADRANGLE CENTERPOINT 7.5 DISTRICT MCELROY COUNTY TYLER

SURFACE OWNER COASTAL LUMBER COMPANY ACREAGE 766 ACRES +/-
OIL & GAS ROYALTY OWNER O.W.O. HARDMAN ET AL; EAST RESOURCES INC.; M. FOSTER LIVING TRUST;
FRED GLOVER ET UX; S.A. SMITH ET AL

LEASE ACREAGE 952.3 AC±; 100 AC±; 101.549 AC±; 263.67 AC±; 443.68 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 7,087' TVD 16,300' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER

ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



STATE OF WEST VIRGINIA, DIVISION
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS
10/28/2015
WILLOW LAND SURVEYING PLLC
P.O. BOX 17
PENNSBORO, WV 26415

COUNTY NAME

PERMIT