

LATITUDE 39°30'00"

5,511'

LATITUDE 39°30'00"

Antero Resources Corporation
Well No. Dean Unit 1H
API # 47-095-02346

LONGITUDE 80°50'00"

12,287'

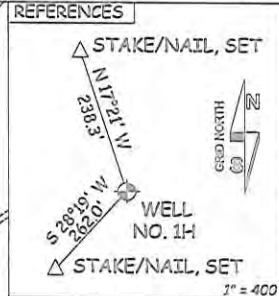
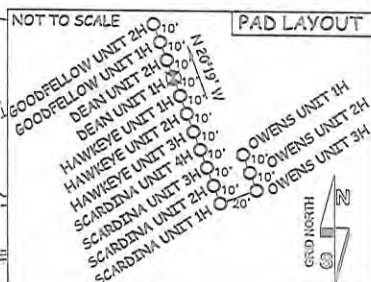
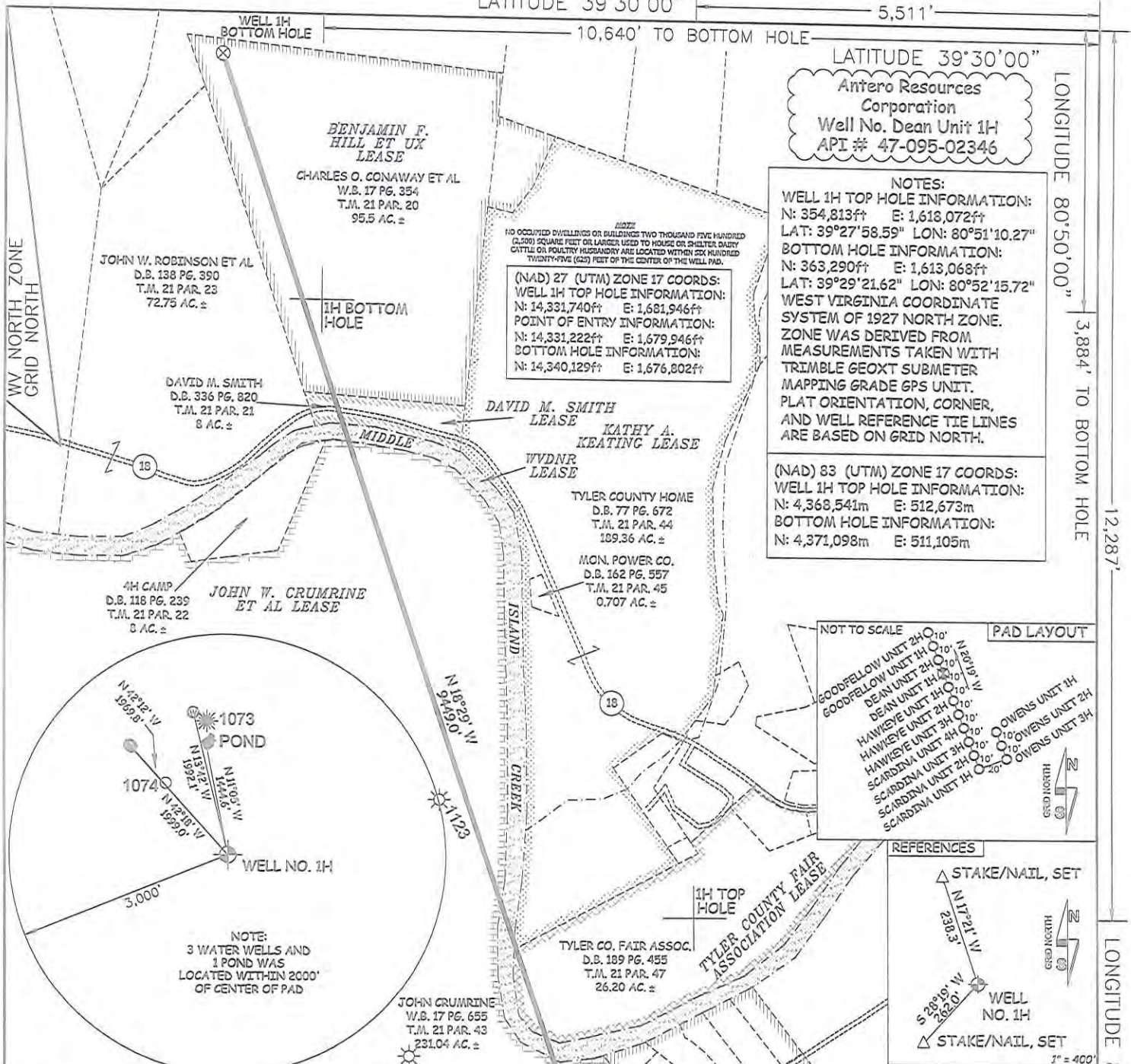
LONGITUDE 80°50'00"

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 354,813ft E: 1,618,072ft
 LAT: 39°27'58.59" LON: 80°51'10.27"
 BOTTOM HOLE INFORMATION:
 N: 363,290ft E: 1,613,068ft
 LAT: 39°29'21.62" LON: 80°52'15.72"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH 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: 4,368,541m E: 512,673m
 BOTTOM HOLE INFORMATION:
 N: 4,371,098m E: 511,105m

NOTE:
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,000) 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.

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,331,740ft E: 1,681,946ft
 POINT OF ENTRY INFORMATION:
 N: 14,331,222ft E: 1,679,946ft
 BOTTOM HOLE INFORMATION:
 N: 14,340,129ft E: 1,676,802ft



47 - 095 - 02346
 STATE COUNTY PERMIT

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

LYDIA GREGG EST
 W.B. 36 PG. 469
 T.M. 27 PAR. 6
 35 AC. ±

JOHN A. DONTRAGER ET AL
 D.B. 368 PG. 472
 T.M. 27 PAR. 7
 121.752 AC. ±

ROBERT L. DEAN LEASE
 LORETTA J. FULKS
 D.B. 212 PG. 10
 T.M. 27 PAR. 8
 35 AC. ±

RICHARD L. SEAGO ET UX LEASE

REUBEN SCHWARTZ ET AL
 D.B. 119 PG. 512
 T.M. 27 PAR. 19
 86 AC. ±

JOB # 13-040WA
 DRAWING # DEAN1HR
 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
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
 DATE 05/03/16
 OPERATOR'S WELL# DEAN UNIT 1H

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

DATE 05/03/16
 OPERATOR'S WELL# DEAN UNIT 1H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 811 ORIGINAL - 812' AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE SHIRLEY 7.5 DISTRICT ELLSWORTH COUNTY TYLER
 SURFACE OWNER EDWIN C. WEIGLE ACREAGE 60.19 ACRES +/-

EDWIN C. WEIGLE
 D.B. 348 PG. 74
 T.M. 27 PAR. 13
 61.62 AC. ±

OIL & GAS ROYALTY OWNER KATHY ANN SEAGO; RICHARD L. SEAGO ET UX; ROBERT L. DEAN; JAMES E. GREGG ET UX; JOHN W. CRUMRINE ET AL; WVDNR; TYLER COUNTY FAIR ASSOCIATION; KATHY A. KEATING; DAVID M. SMITH; BENJAMIN F. HILL ET UX
 LEASE ACREAGE 129.2 AC. ±; 74.2 AC. ±; 35 AC. ±; 141 AC. ±; 266 AC. ±; 34 AC. ±; 26.665 AC. ±; 190.07 AC. ±; 8 AC. ±; 95.5 AC. ±

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BHL
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 16,700' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DJANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

