

LATITUDE 39°30'00"

5,514'

9,038' TO BOTTOM HOLE

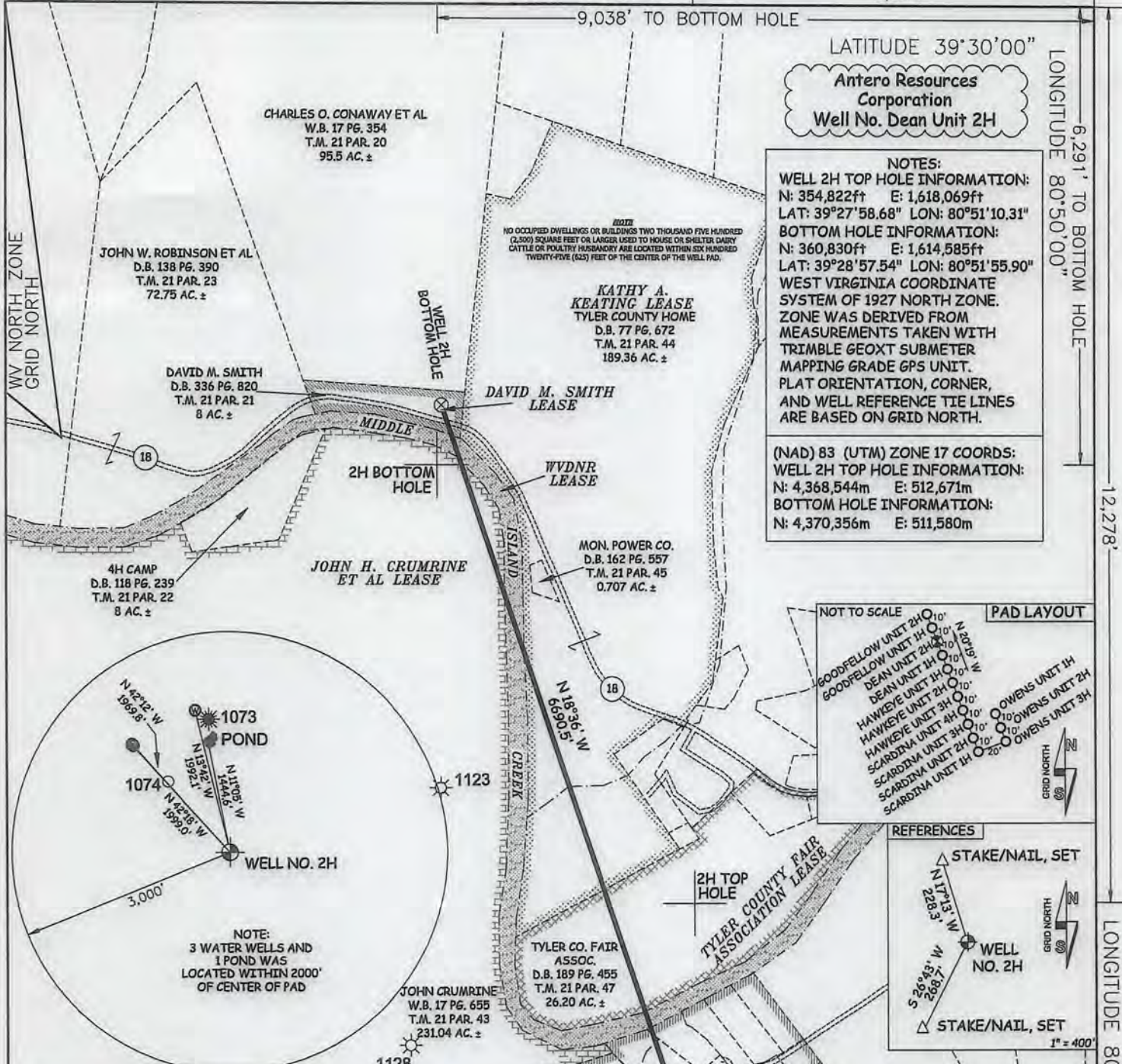
LATITUDE 39°30'00"

Antero Resources Corporation Well No. Dean Unit 2H

LONGITUDE 80°50'00"

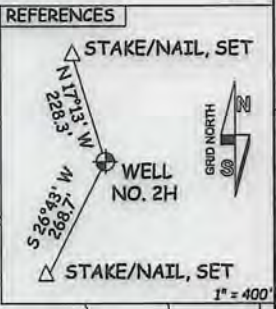
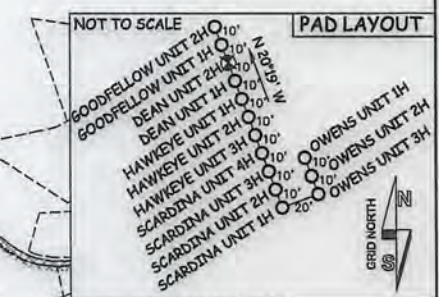
12,278'

LONGITUDE 80°50'00"



**NOTES:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 354,822ft E: 1,618,069ft  
 LAT: 39°27'58.68" LON: 80°51'10.31"  
**BOTTOM HOLE INFORMATION:**  
 N: 360,830ft E: 1,614,585ft  
 LAT: 39°28'57.54" LON: 80°51'55.90"  
 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: 4,368,544m E: 512,671m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,370,356m E: 511,580m



47 - 095 - 2346 HGA  
 STATE COUNTY PERMIT

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

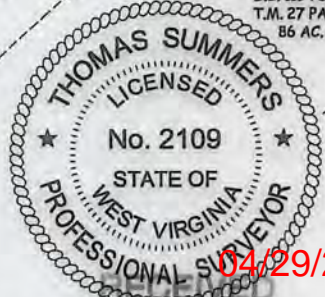
WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 13-040WA  
 DRAWING # DEANZSHORTY  
 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

**LEGEND**  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 X Existing Fence  
 ⊕ Found monument, as noted

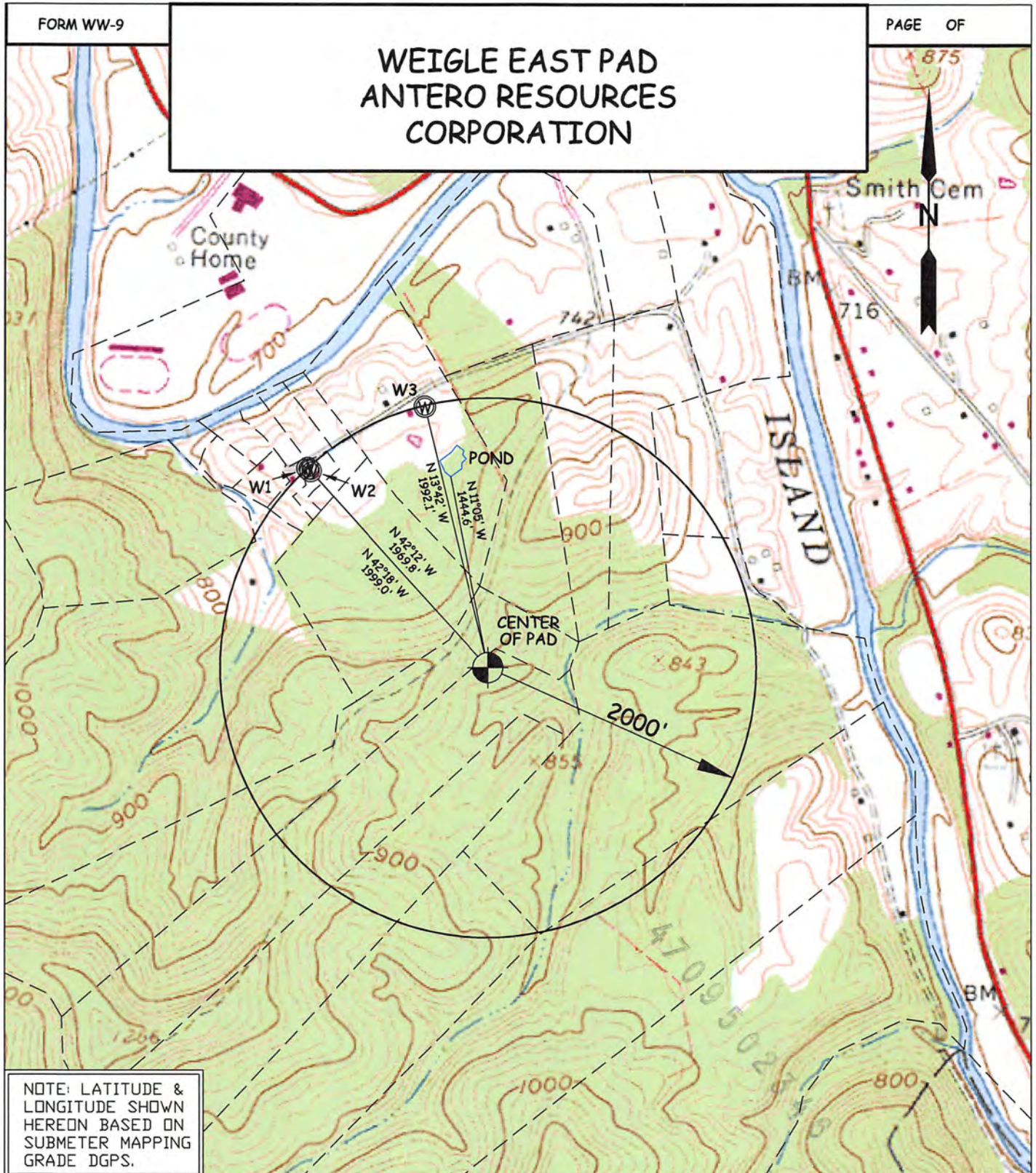
THOMAS SUMMERS P.S. 2109  
 DATE 10/30/15  
 OPERATOR'S WELL# DEAN UNIT #2H

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 812 ORIGINAL - 817' PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK  
 QUADRANGLE SHIRLEY 7.5 DISTRICT ELLSWORTH COUNTY TYLER  
 SURFACE OWNER EDWIN C. WEIGLE ACREAGE 60.19 ACRES +/-  
 OIL & GAS ROYALTY OWNER KATHY ANN SEAGO; RICHARD L. SEAGO ET UX; ROBERT L. DEAN; LEASE ACREAGE 129.2 AC.±; 74.2 AC.±; 35 AC.±;  
 JAMES E. GREGG ET UX; VVDNR; TYLER COUNTY FAIR ASSOCIATION; KATHY A. KEATING; JOHN H. CRUMRINE ET AL; DAVID M. SMITH 141 AC.±; 34 AC.±; 26.665 AC.±; 190.07 AC.±; 256 AC.±; 8 AC.±  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG  
 ESTIMATED DEPTH 6,500' TVD - 14,800' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313



04/29/2016

# WEIGLE EAST PAD ANTERO RESOURCES CORPORATION



NOTE: LATITUDE & LONGITUDE SHOWN HEREON BASED ON SUBMETER MAPPING GRADE DGPS.

| WELL | SURFACE OWNER | ADDRESS                                    | DISTRICT-TAX MAP-PARCEL | WELL LATITUDE | WELL LONGITUDE  |
|------|---------------|--|-------------------------|---------------|-----------------|
| W1   | JEANIE PYLES  | P.O. BOX 445 MIDDLEBOURNE, WV 26149        | 2-27-7.3                | 0° 58' 56.78" | 128° 56' 06.46" |
| W2   | JEANIE PYLES  | P.O. BOX 445 MIDDLEBOURNE, WV 26149        | 2-27-7.3                | 0° 58' 56.59" | 128° 56' 06.68" |
| W3   | LORETTA FULKS | 633 Lemasters Road, Middlebourne, WV 26149 | 2-27-9                  | 0° 59' 01.32" | 128° 56' 15.08" |

**WILLOW LAND SURVEYING, PLLC**  
 P.O. BOX 17, PENNSBORO, WV 26415  
 (304) 659-1717

TOPO SECTION(S) OF :  
 SHIRLEY 7.5' QUAD.  
 JOB #: 13-038WA  
 FILE: WEIGLEEASTPADWW

SCALE : 1-INCH = 1000- FEET  
 0' 1000' 2000' 3000'

WV Department of Environmental Protection