

LATITUDE 39°30'00"

5,514'

9,912' TO BOTTOM HOLE

LATITUDE 39°30'00"

LONGITUDE 80°50'00"

3,946' TO BOTTOM HOLE

12,278'

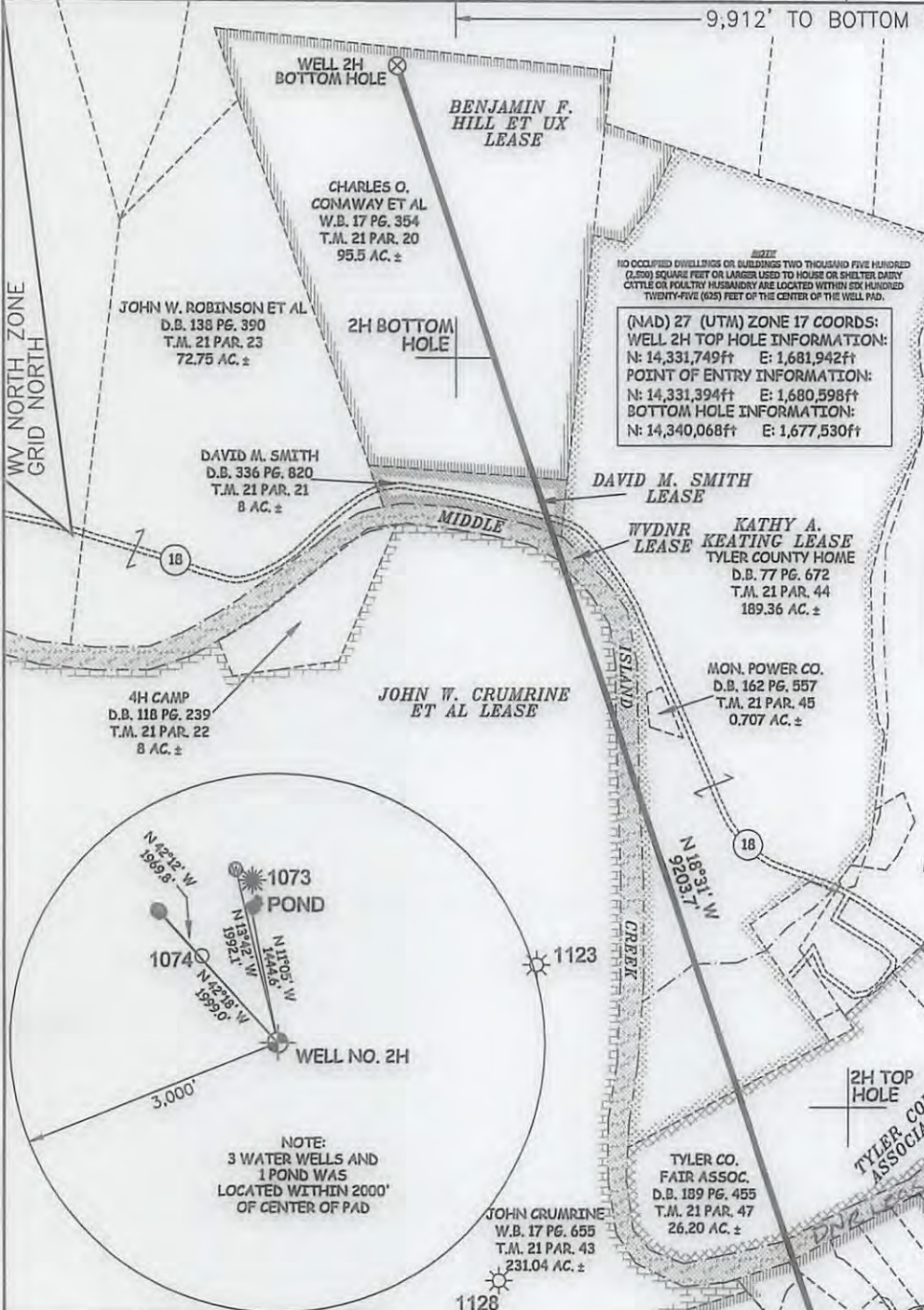
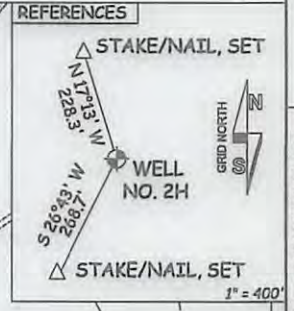
LONGITUDE 80°50'00"

**Antero Resources Corporation**  
**Well No. Dean Unit 2H**  
**API # 47-095-02347**

**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: 363,216ft E: 1,613,795ft  
 LAT: 39°29'21.00" LON: 80°52'06.44"  
 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: 4,371,079m E: 511,327m

**(NAD) 27 (UTM) ZONE 17 COORDS:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 14,331,749ft E: 1,681,942ft  
**POINT OF ENTRY INFORMATION:**  
 N: 14,331,394ft E: 1,680,598ft  
**BOTTOM HOLE INFORMATION:**  
 N: 14,340,068ft E: 1,677,530ft



47 - 095 - 02347  
 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 # DEAN2HR  
 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

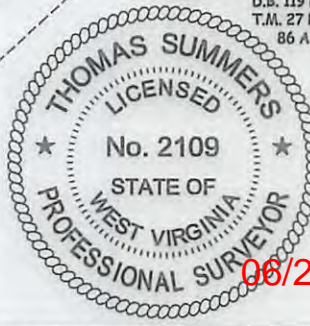
**LEGEND**  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109  
 DATE 05/03/16  
 OPERATOR'S WELL# DEAN UNIT #2H

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X 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 +/-

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; WVDNR; TYLER COUNTY FAIR ASSOCIATION; KATHY A. KEATING; JOHN W. CRUMRINE ET AL; DAVID M. SMITH; BENJAMIN F. HILL ET UX 141 AC.±; 34 AC.±; 26.665 AC.±; 190.07 AC.±; 256 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 PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 16,400' 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



06/24/2016