

LATITUDE 39°25'00"

11,433'

1,118' TO BOTTOM HOLE
LATITUDE 39°25'00"

LONGITUDE 80°52'30"

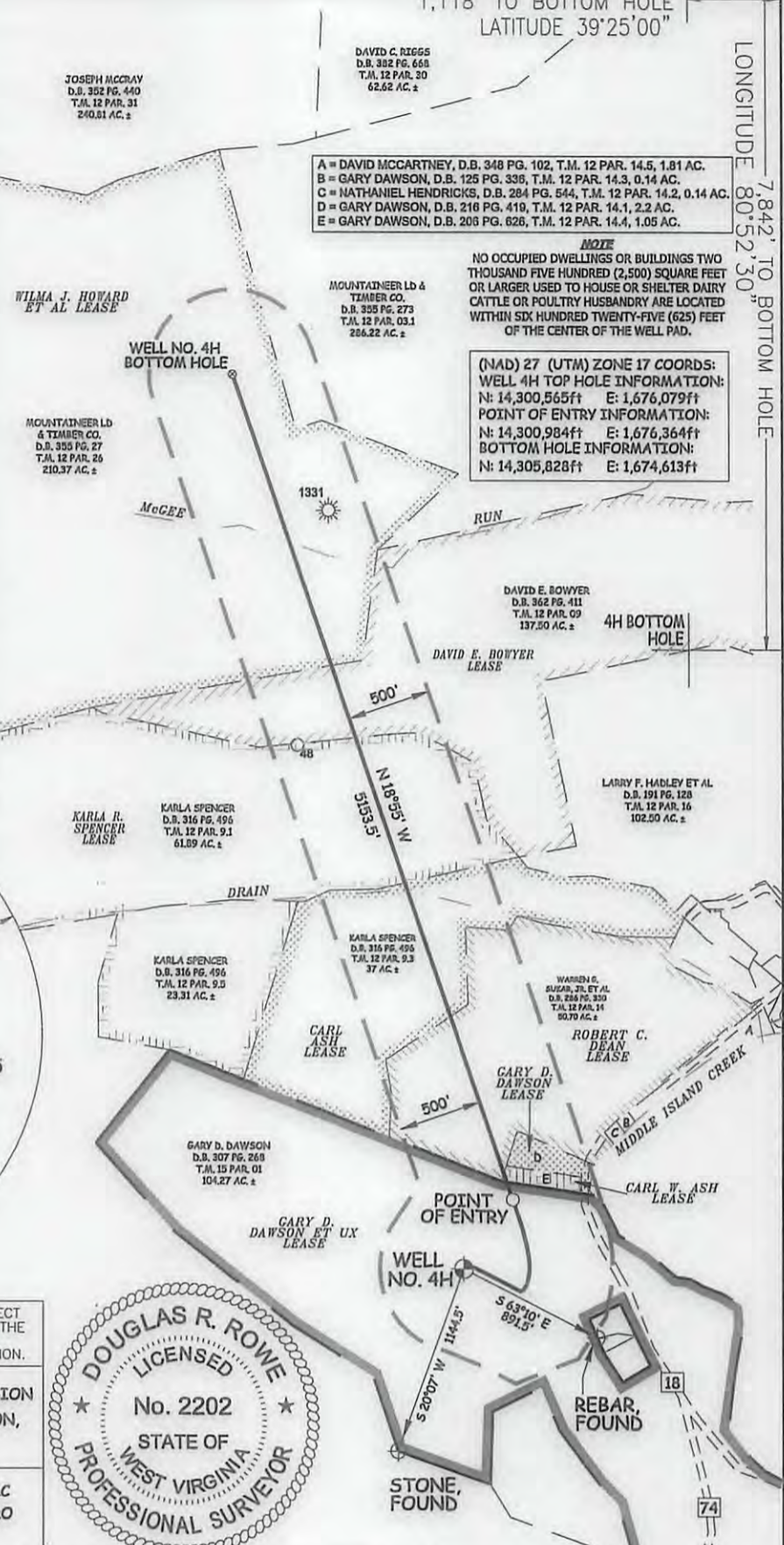
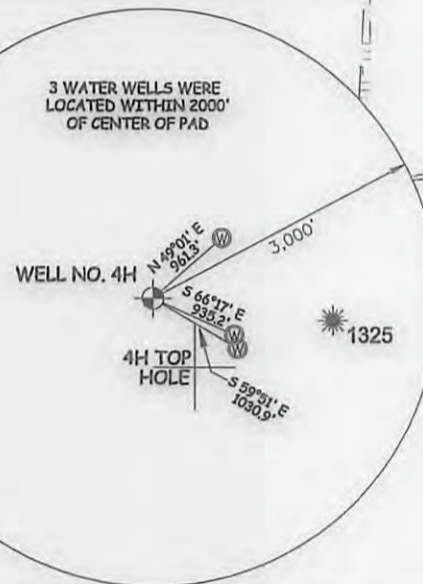
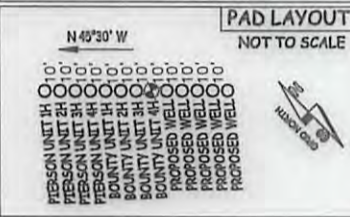
13,112'

LONGITUDE 80°50'00"

**Antero Resources Corporation
Well No. Bounty Unit 4H**

NOTES:
WELL 4H TOP HOLE INFORMATION:
N: 323,729ft E: 1,611,684ft
LAT: 39°22'50.43" LON: 80°52'25.66"
BOTTOM HOLE INFORMATION:
N: 329,019ft E: 1,610,306ft
LAT: 39°23'42.50" LON: 80°52'44.24"
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.

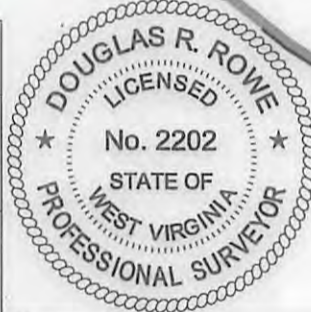
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 4H TOP HOLE INFORMATION:
N: 4,359,039m E: 510,884m
BOTTOM HOLE INFORMATION:
N: 4,360,643m E: 510,438m



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.

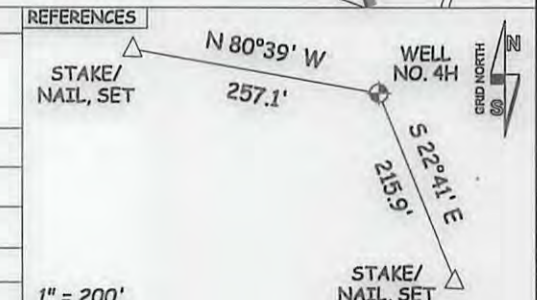


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 16-033WA
DRAWING # BOUNTY4HU
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

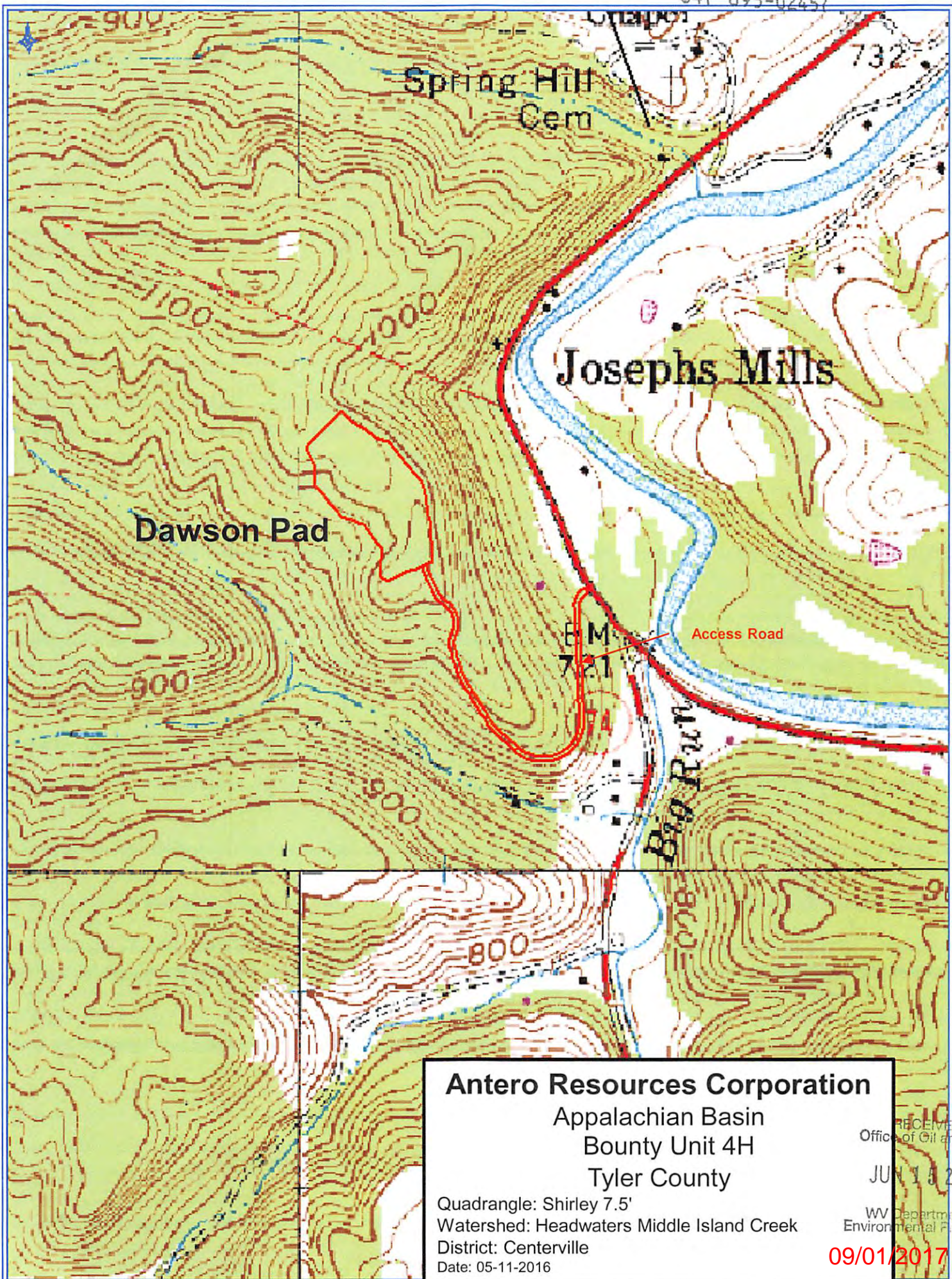
LEGEND
— Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
- - - 500' Offset Boundary
⊕ Found monument, as noted
DOUGLAS R. ROWE P.S. 2202
DATE 06/07/17
OPERATOR'S WELL# BOUNTY UNIT #4H



WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02457
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW STATE COUNTY PERMIT
LOCATION: ELEVATION 1,009' - AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE SHIRLEY 7.5' (TH) MIDDLEBOURNE 7.5' (BH) DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER GARY D. DAWSON ET UX ACREAGE 104.27 ACRES +/-
OIL & GAS ROYALTY OWNER GARY D. DAWSON ET UX; CARL W. ASH; ROBERT C. DEAN; CARL ASH; KARLA R. SPENCER; DAVID E. BOWYER; WILMA J. HOWARD ET AL LEASE ACREAGE 104.27 AC.±; 0.53663 AC.±; 50.7 AC.±; 37 AC.±; 85.2 AC.±; 138 AC.±; 239 AC.±
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___ PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION BURKET SHALE ESTIMATED DEPTH 6,600' TVD 12,200' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

09/01/2017

047-095-02457



Antero Resources Corporation
 Appalachian Basin
 Bounty Unit 4H
 Tyler County

Quadrangle: Shirley 7.5'
 Watershed: Headwaters Middle Island Creek
 District: Centerville
 Date: 05-11-2016

RECEIVED
 Office of Oil and Gas
 JUN 15 2017
 WV Department of
 Environmental Protection
 09/01/2017