

LATITUDE 39°27'30"

11,307'

5,624' TO BOTTOM HOLE  
LATITUDE 39°25'00"

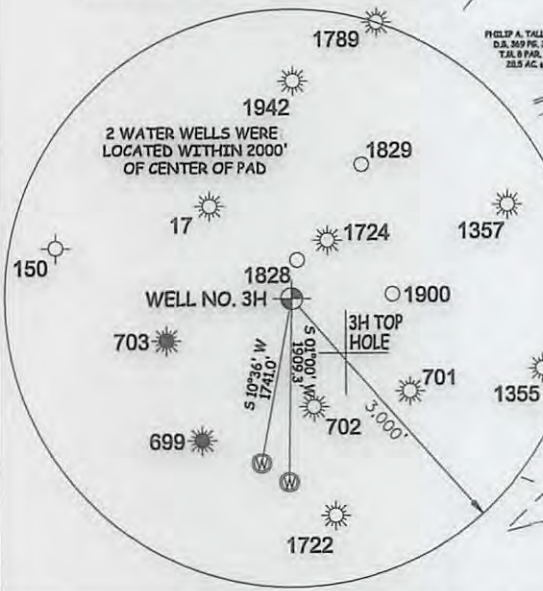
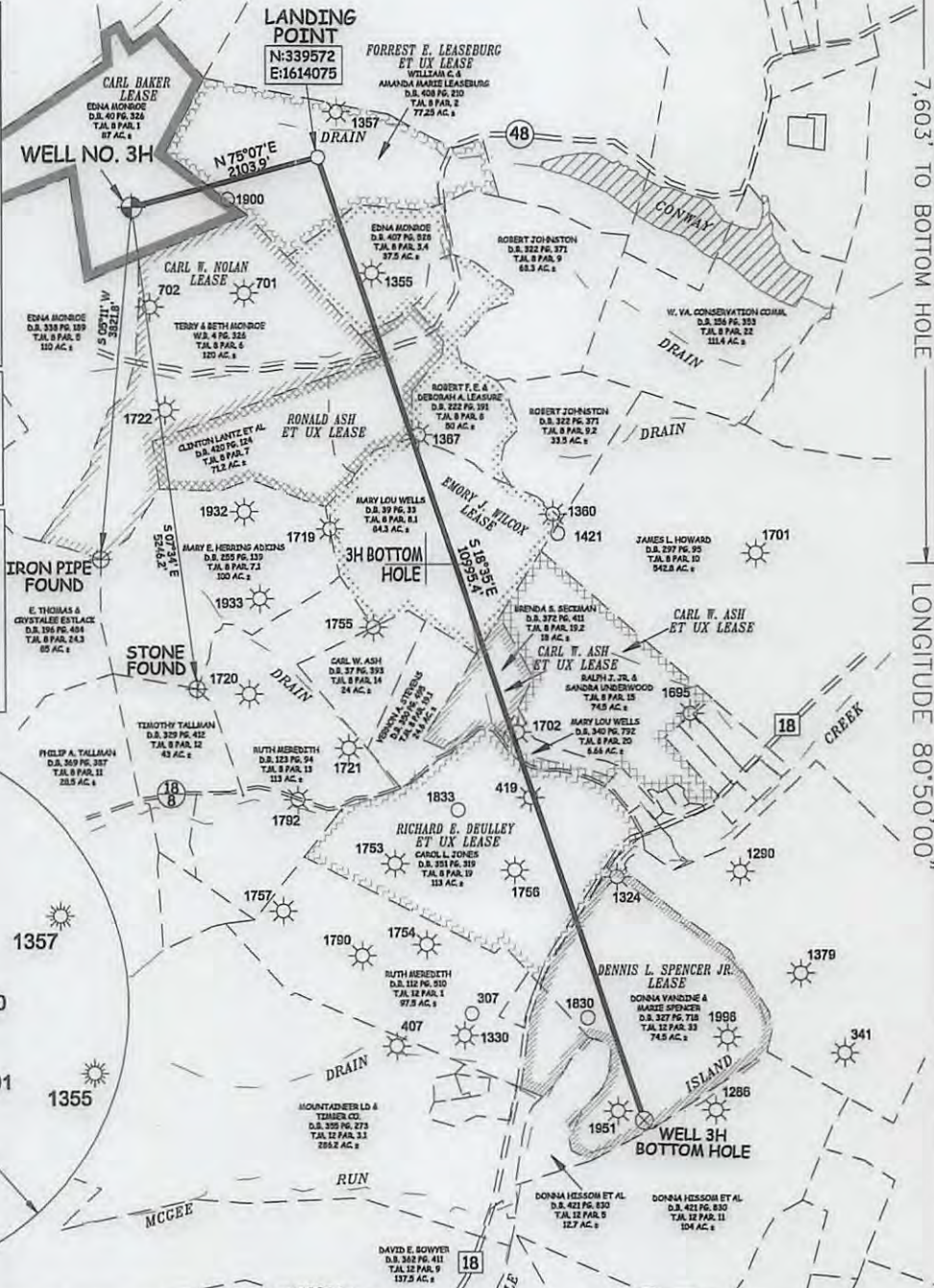
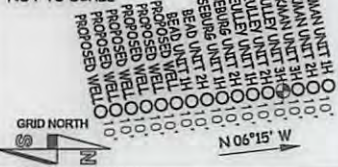
Antero Resources Corporation  
Well No. Deulley Unit 3H

NOTES:  
WELL 3H TOP HOLE INFORMATION:  
N: 339,032ft E: 1,612,041ft  
LAT: 39°25'21.72" LON: 80°52'24.08"  
BOTTOM HOLE INFORMATION:  
N: 329,150ft E: 1,617,578ft  
LAT: 39°23'44.89" LON: 80°51'11.63"  
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 3H TOP HOLE INFORMATION:  
N: 4,363,702m E: 510,915m  
BOTTOM HOLE INFORMATION:  
N: 4,360,720m E: 512,653m

PAD LAYOUT

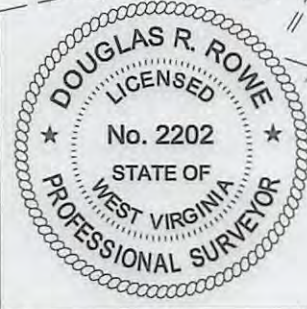
NOT TO SCALE



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.



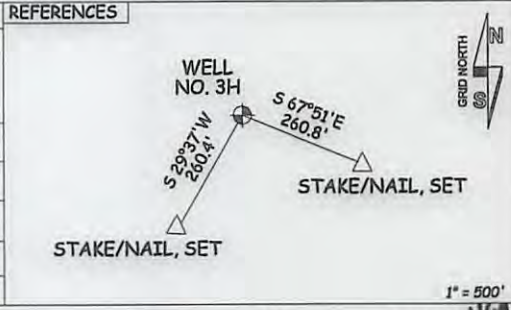
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



NOTE  
NO OCCUPIED DWELLINGS OR 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.

JOB # 15-012WA  
DRAWING # DEULLEY3H  
SCALE 1" = 2000'  
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  
DOUGLAS R. ROWE P.S. 2202  
DATE 09/11/15  
OPERATOR'S WELL# DEULLEY UNIT #3H

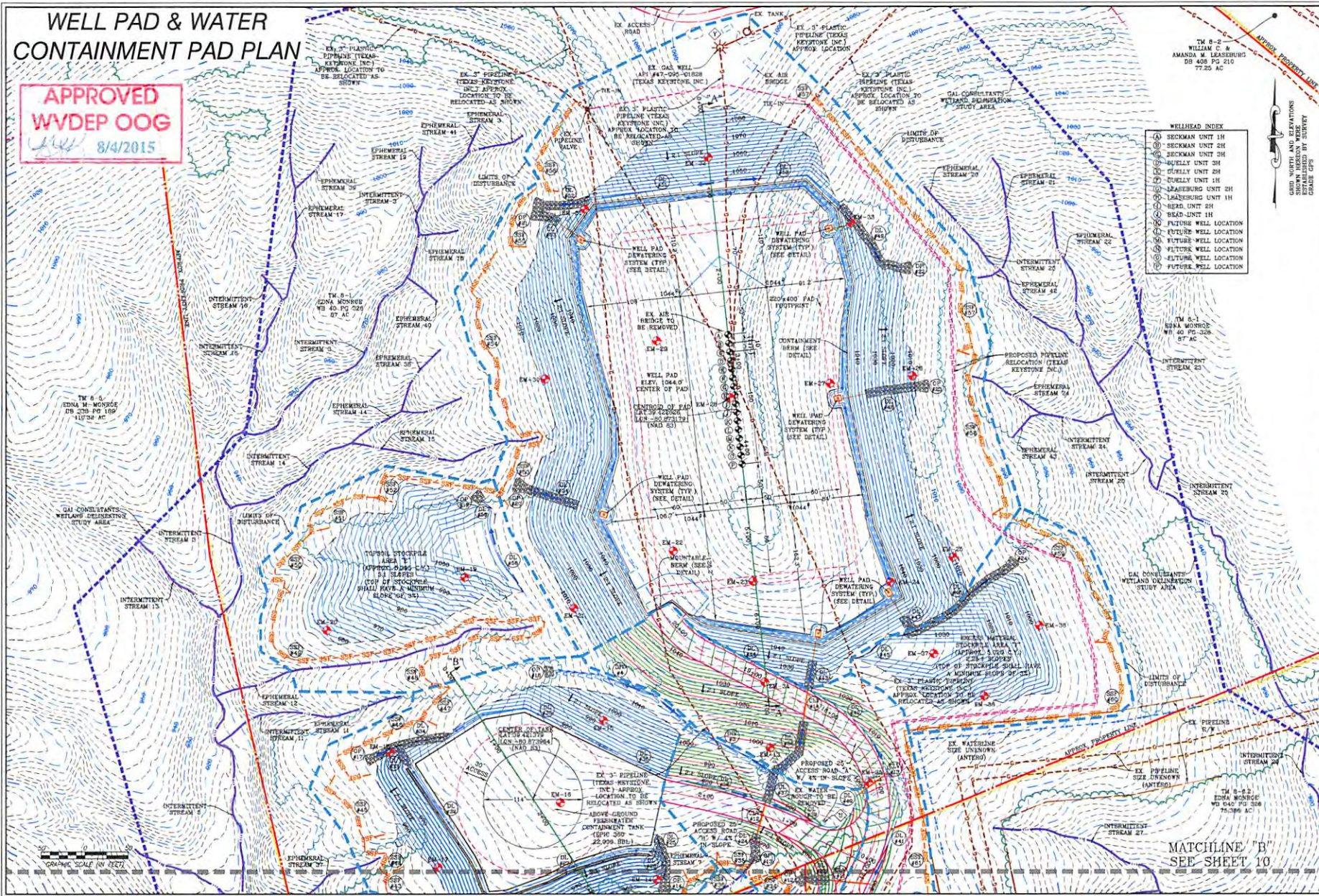


WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - 095 - 02361  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP SHALLOW X STATE COUNTY PERMIT COUNTY NAME  
LOCATION: ELEVATION 1,060' - ORIGINAL 1,044' - PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK 07/22/2016  
QUADRANGLE SHIRLEY 7.5' DISTRICT CENTERVILLE COUNTY TYLER  
SURFACE OWNER EDNA MONROE ACREAGE 110.32 ACRES +/- LEASE ACREAGE 87 AC +/- 78 AC +/- 168.75 AC +/-  
OIL & GAS ROYALTY OWNER CARL BAKER; FORREST E LEASEBURG ET UX; EMORY J. WILCOX; RONAD ASH ET UX; CARL W. ASH ET UX; CARL W. ASH ET UX; RICHARD E DEULLEY ET UX; DENNIS L SPENCER JR 72 AC +/- 17.4 AC +/- 88 AC +/- 113 AC +/- 221 AC +/-  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X  
PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_ PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 18,700' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

# WELL PAD & WATER CONTAINMENT PAD PLAN

**APPROVED  
WVDEP OOG**

8/4/2015



**WELLHEAD INDEX**

- 1) SECKMAN UNIT 1H
- 2) SECKMAN UNIT 2H
- 3) SECKMAN UNIT 3H
- 4) DUELLY UNIT 2H
- 5) DUELLY UNIT 1H
- 6) LEASERBURG UNIT 2H
- 7) LEASERBURG UNIT 1H
- 8) BEAD UNIT 2H
- 9) BEAD UNIT 1H
- 10) FUTURE WELL LOCATION
- 11) FUTURE WELL LOCATION
- 12) FUTURE WELL LOCATION
- 13) FUTURE WELL LOCATION
- 14) FUTURE WELL LOCATION

**NAVITUS**  
ENERGY ENGINEERING

Telephone: (888) 652-4455 | www.NavitusEng.com

DATE	REVISION
06/10/2015	REVISED PER ANTERO COMMENTS
07/21/2015	REVISED PER ENVIRONMENTAL REQUEST



THIS DOCUMENT WAS PREPARED FOR ANTERO RESOURCES CORPORATION

**WELL PAD & WATER CONTAINMENT PAD PLAN**  
**EDNA MONROE**  
**WELL PAD AND WATER CONTAINMENT PAD**  
CENTERVILLE DISTRICT  
TYLER COUNTY, WEST VIRGINIA



DATE: 05/27/2015  
SCALE: 1" = 50'  
SHEET 11 OF 26

MATCHLINE "B"  
SEE SHEET 10