

LATITUDE 39°27'30"

10,867'

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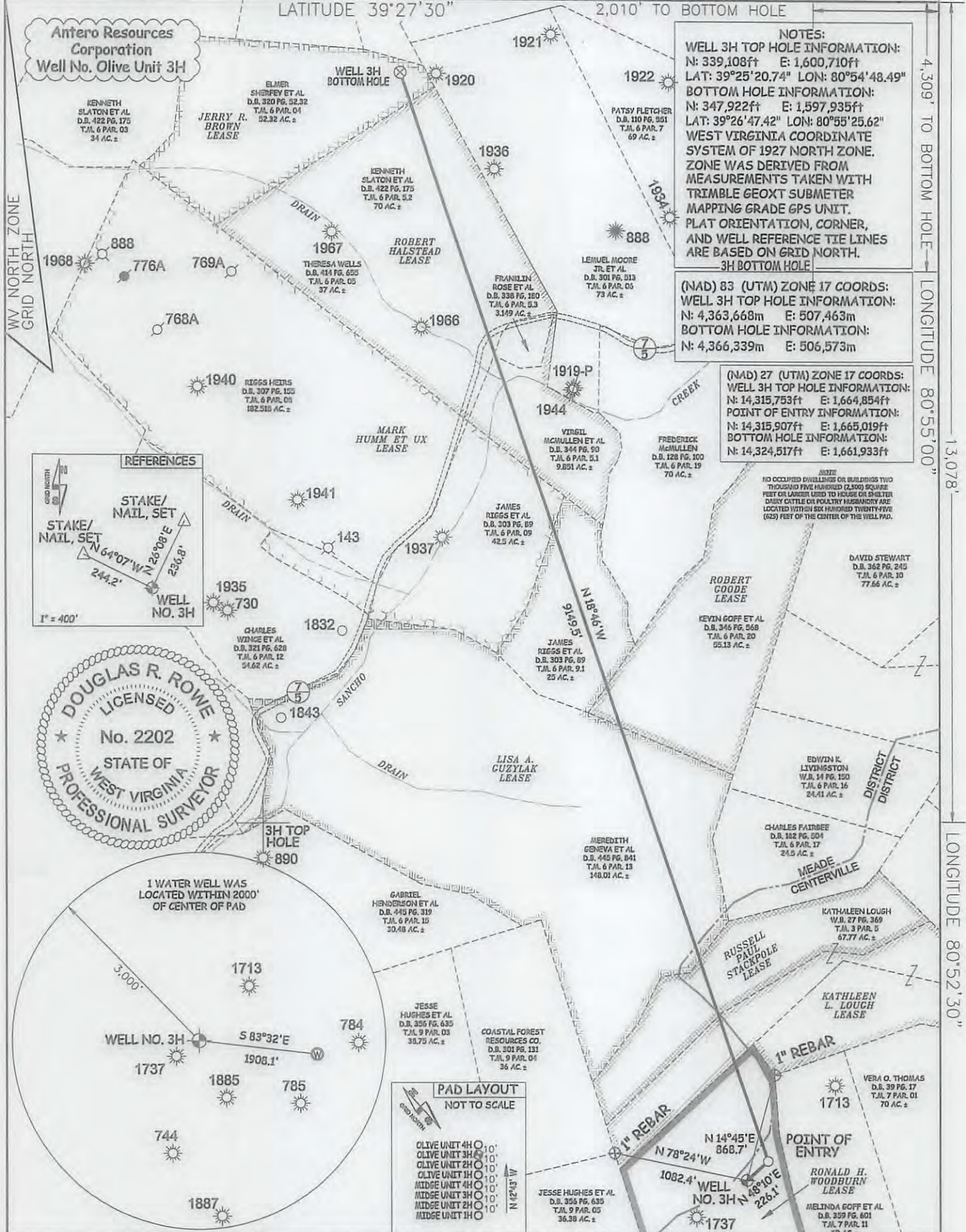
2,010' TO BOTTOM HOLE

4,309' TO BOTTOM HOLE

LONGITUDE 80°55'00"

13,078'

LONGITUDE 80°52'30"



JOB # 16-049WA  
DRAWING # OLIVE3HR  
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

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

**LEGEND**

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

*D.R. Rowe*

DOUGLAS R. ROWE P.S. 2202  
DATE 10/24/16  
OPERATOR'S WELL # OLIVE UNIT 3H 16A  
47 - 095

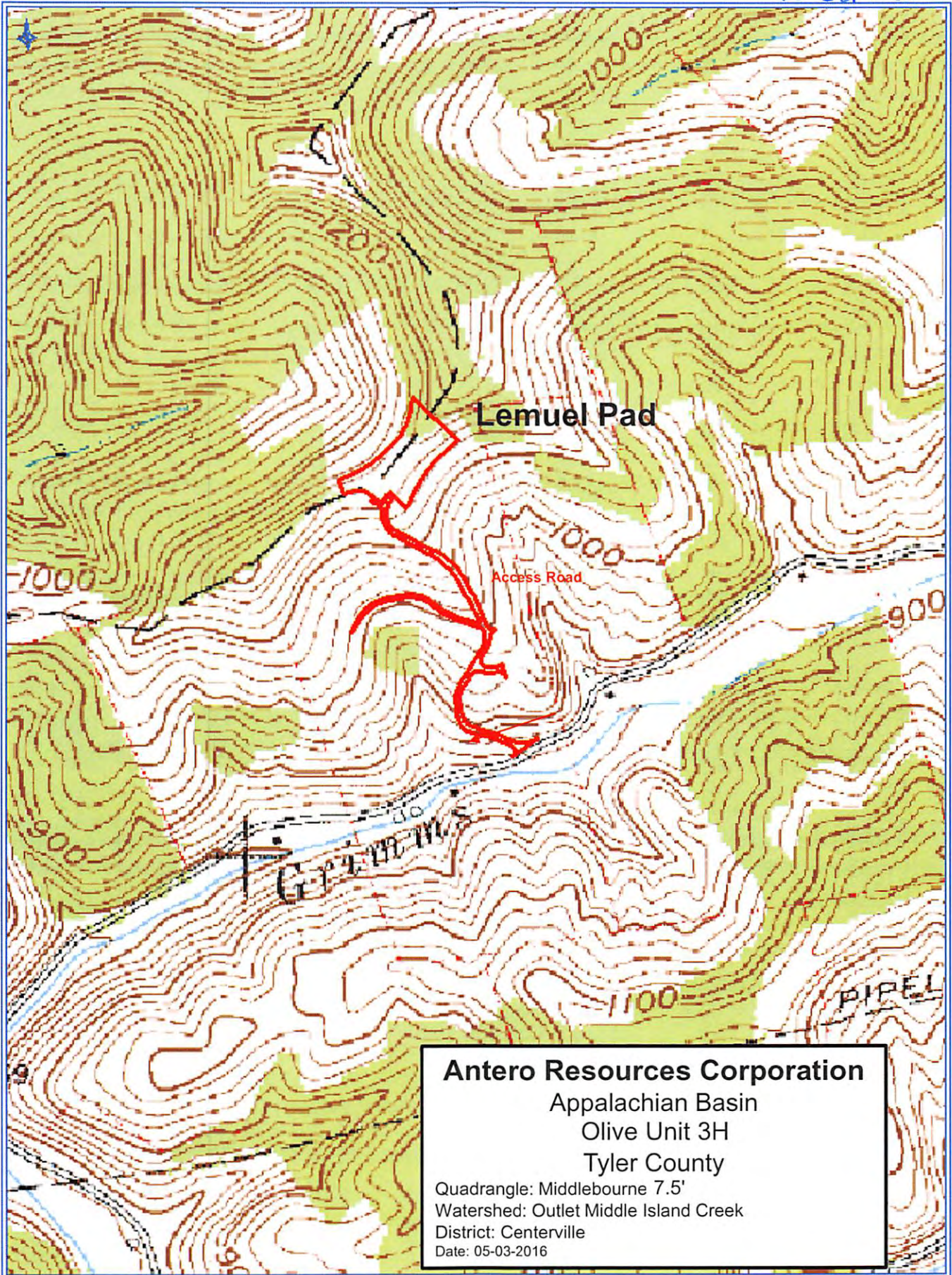
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
LOCATION: ELEVATION 1,171' - ORIGINAL 1,158' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK  
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERVILLE COUNTY TYLER

SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 77.73 ACRES +/-  
OIL & GAS ROYALTY OWNER RONALD H. WOODBURN; KATHLEEN L. LOUGH; RUSSELL PAUL STACKPOLE; LEASE ACREAGE 94 AC±; 40.27 AC±; 27.5 AC±  
LISA A. CUZYLAK; ROBERT GOODE; MARK HUMM ET UX; ROBERT HALSTEAD; JERRY R. BROWN 149.29 AC±; 53.13 AC±; 166.63 AC±; 119 AC±; 52.32 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 16,600' 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

PERMIT





**Antero Resources Corporation**

Appalachian Basin

Olive Unit 3H

Tyler County

Quadrangle: Middlebourne 7.5'

Watershed: Outlet Middle Island Creek

District: Centerville

Date: 05-03-2016