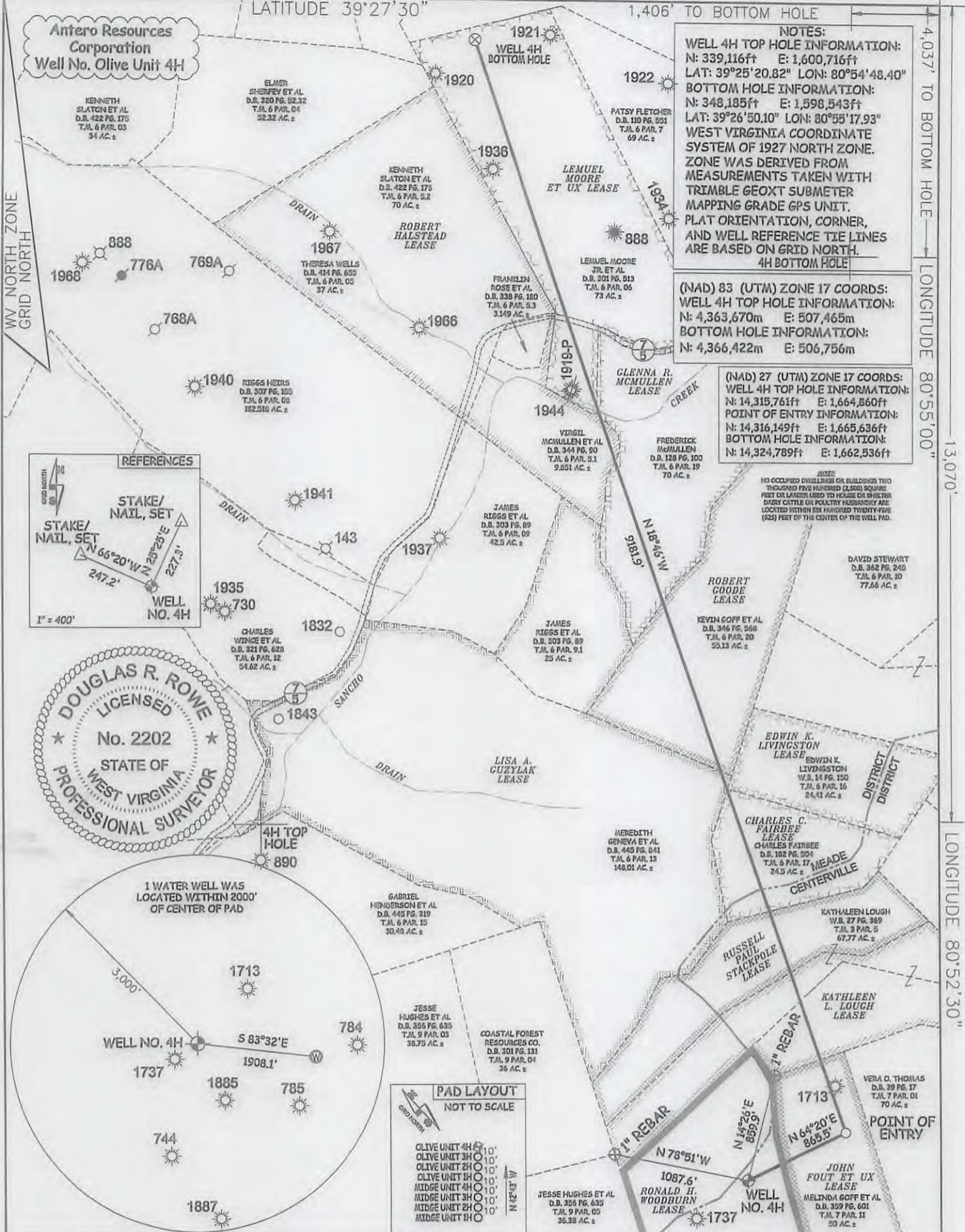


LATITUDE 39°27'30" 10,861'

LATITUDE 39°27'30" 1,406' TO BOTTOM HOLE

4,037' TO BOTTOM HOLE  
13,070'  
LONGITUDE 80°55'00"  
LONGITUDE 80°52'30"



JOB # 16-049WA  
DRAWING # OLIVE4HR  
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

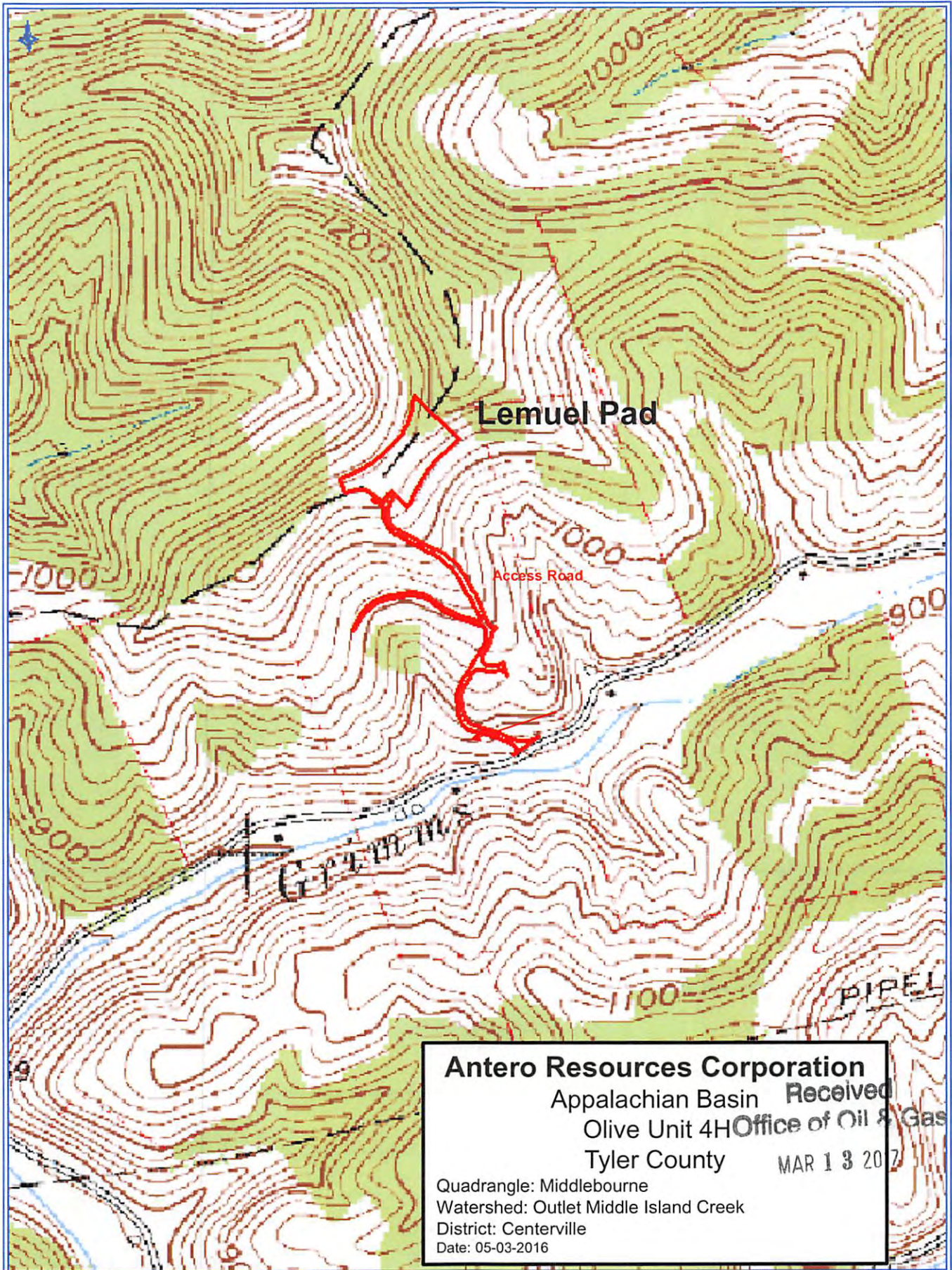
DOUGLAS R. ROWE P.S. 2202  
DATE 10/24/16  
OPERATOR'S WELL# OLIVE UNIT #4H  
47 - 095

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW  STATE COUNTY PERMIT  
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; JOHN FOUT ET UX; KATHLEEN L. LOUGH; RUSSELL PAUL STACKPOLE; LEASE ACREAGE 94 AC±; 50 AC±; 40.27 AC±; 27.5 AC±;  
CHARLES C. FAIRBEE; EDWIN K. LIVINGSTON; LISA A. GUZYLAK; ROBERT GOODE; GLENNA R. McMULLEN; ROBERT HALSTEAD; LEMUEL MOORE ET UX 24.5 AC±; 24.41 AC±; 140.29 AC±; 53.13 AC±; 70 AC±; 110 AC±; 73 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 MARCELLUS ESTIMATED DEPTH 6,800' TVD 16,700' 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

06/23/2017



**Antero Resources Corporation**  
Appalachian Basin **Received**  
Olive Unit 4H **Office of Oil & Gas**  
Tyler County **MAR 13 2017**  
Quadrangle: Middlebourne  
Watershed: Outlet Middle Island Creek  
District: Centerville  
Date: 05-03-2016