

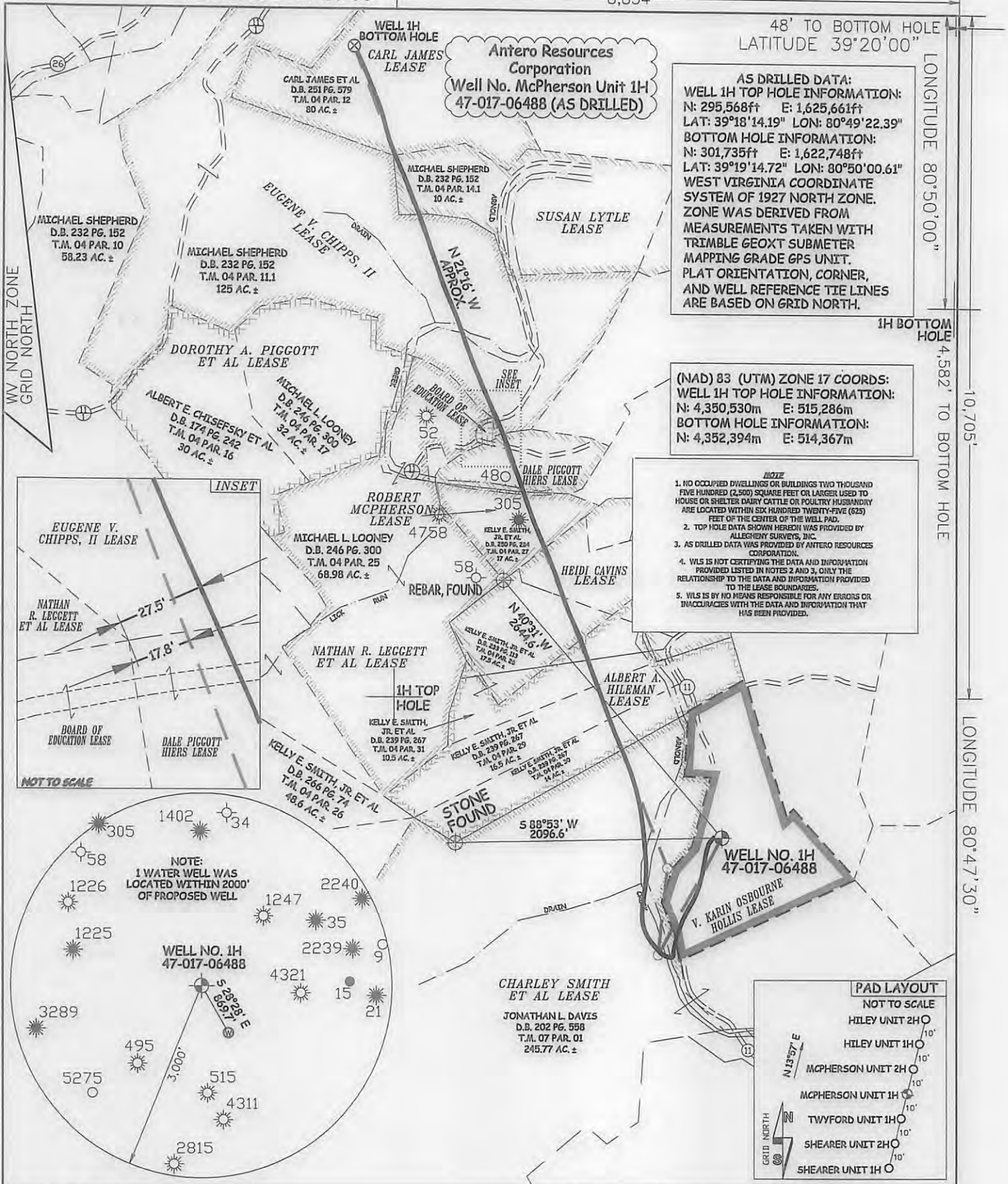
LATITUDE 39°20'00" 8,834'

48' TO BOTTOM HOLE  
LATITUDE 39°20'00"

LONGITUDE 80°50'00"

10,705'

LONGITUDE 80°47'30"



JOB # 13-084WA  
 DRAWING # MCPHERSONHAD  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
 P.O. BOX 17  
 PENNSBORO, WV 26415

**LEGEND**  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 Found monument, as noted  
 O Proposed Well Path  
 O As Drilled Well Path

DATE 05/21/15  
 OPERATOR'S WELL# MCPHERSON UNIT #1H

API WELL # 47-017-06488  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 829' ORIGINAL - 824' AS-DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER JONATHAN L. DAVIS ET AL ACREAGE 35.21 ACRES +/-  
 OIL & GAS ROYALTY OWNER V. KARIN OSBOURNE HOLLIS; CHARLEY SMITH ET AL; ALBERT A. HILEMAN; HEIDI CAVINS; ROBERT MCPHERSON; DALE PIGGOTT HEIRS; EUGENE V. CHIPPS, II; SUSAN LYTLE; CARL JAMES LEASE ACREAGE 79.09 ACRES +/-; 213 ACRES +/-; 50.5 ACRES +/-; 86 ACRES +/-; 17 ACRES +/-; 9.75 ACRES +/-; 140 ACRES +/-; 35 ACRES +/-; 80 ACRES +/-

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE  
 (SPECIFY) (X) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,366' TVD 14,010' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

07/22/2016

COUNTY NAME PERMIT