

LATITUDE 39°20'00"

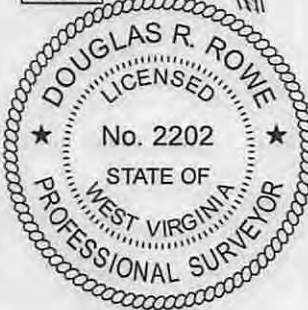
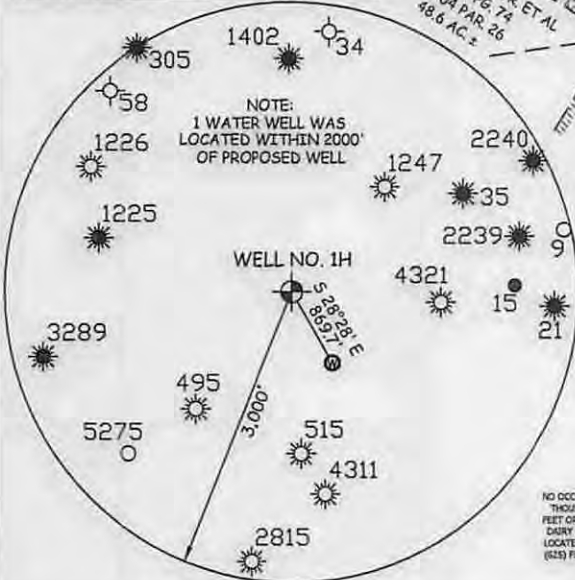
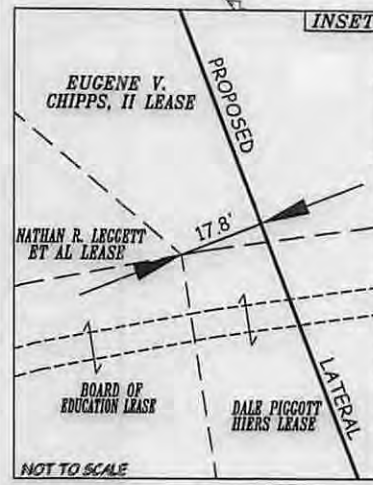
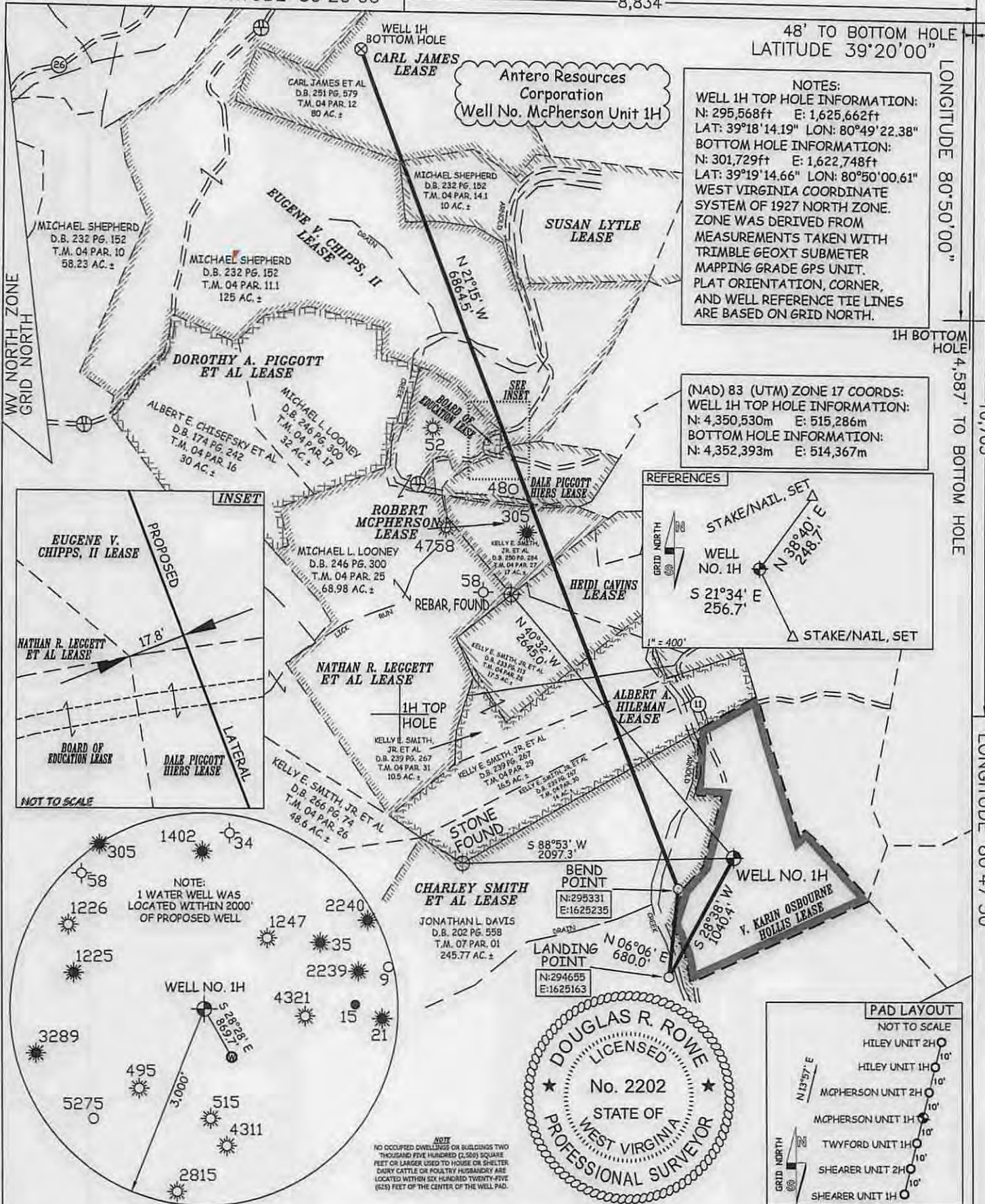
8,834'

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

LONGITUDE 80°50'00"

10,705'

LONGITUDE 80°47'30"



JOB # 13-084WA  
 DRAWING # MCPHERSON1HR  
 SCALE 1" = 1000'

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.

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

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

DOUGLAS R. ROWE P.S. 2202

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

WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

DATE 12/15/14

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 824' WATERSHED ARNOLD CREEK

OPERATOR'S WELL# MCPHERSON UNIT #1H  
 API WELL # 47 - 017 - MOD 06488 H6A  
 STATE COUNTY PERMIT

QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE

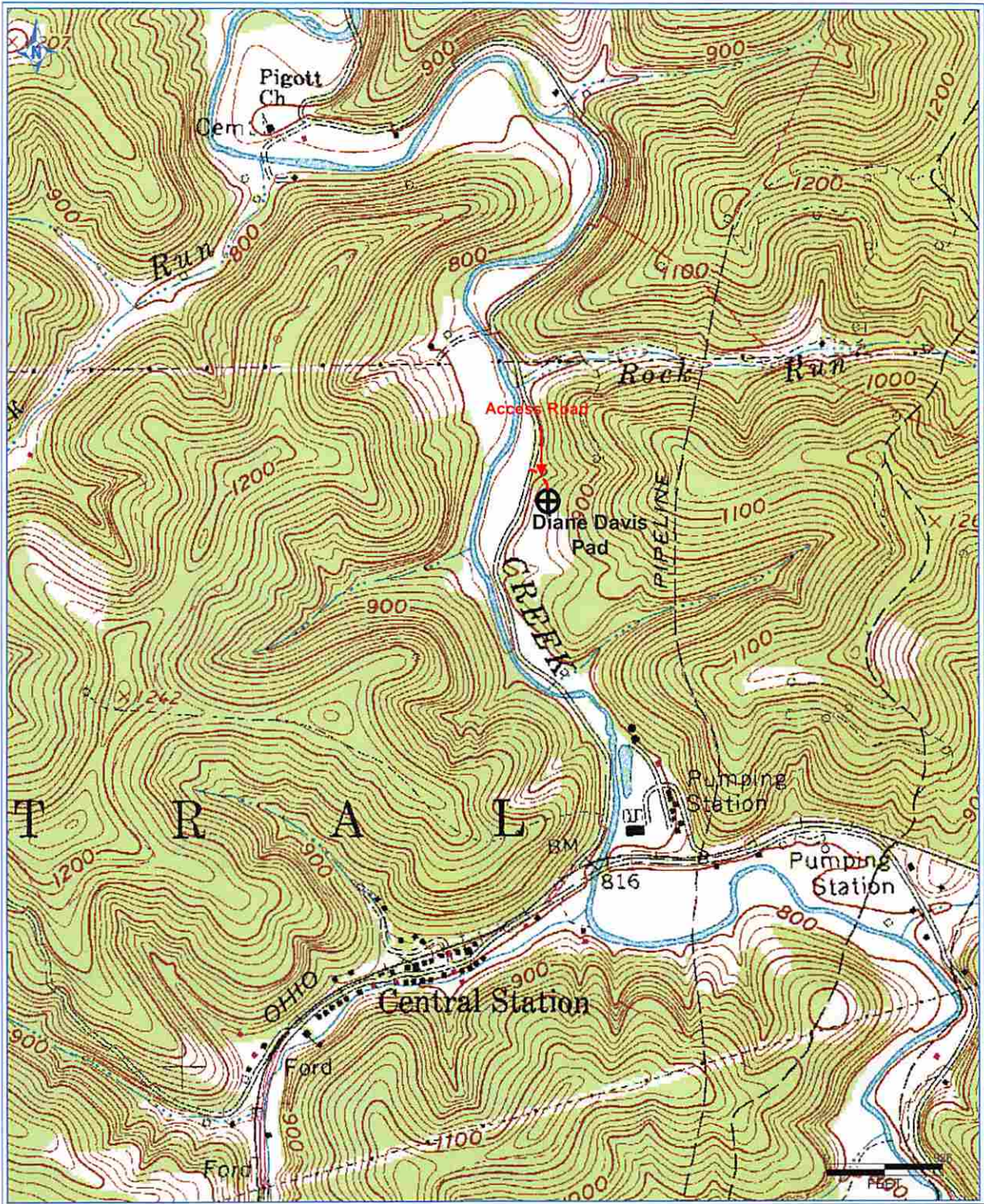
SURFACE OWNER JONATHAN L. DAVIS ET AL ACREAGE 35.21 ACRES +/-  
 OIL & GAS ROYALTY OWNER V. KARIN OSBOURNE HOLLIS; CHARLEY SMITH ET AL; ALBERT A. HILEMAN; HEIDI CAVINS; ROBERT MCPHERSON; DALE PIGGOTT HIERS; EUGENE V. CHIPPS, II; SUSAN LYTLE; CARL JAMES LEASE ACREAGE 79.09 ACRES±; 213 ACRES±; 50.5 ACRES±;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

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X  
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modification - BHL PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 15,500' MD

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





**Antero Resources Corporation**  
 Appalachian Basin  
 McPherson Unit 1H  
 Doddridge County

Quadrangle: West Union  
 Watershed: Arnold Creek  
 District: Central  
 Date: 8-21-2013

Received  
 APR 14 2014

Office of Oil and Gas  
 WV Dept. of Environmental Protection