

LATITUDE 39°20'00"

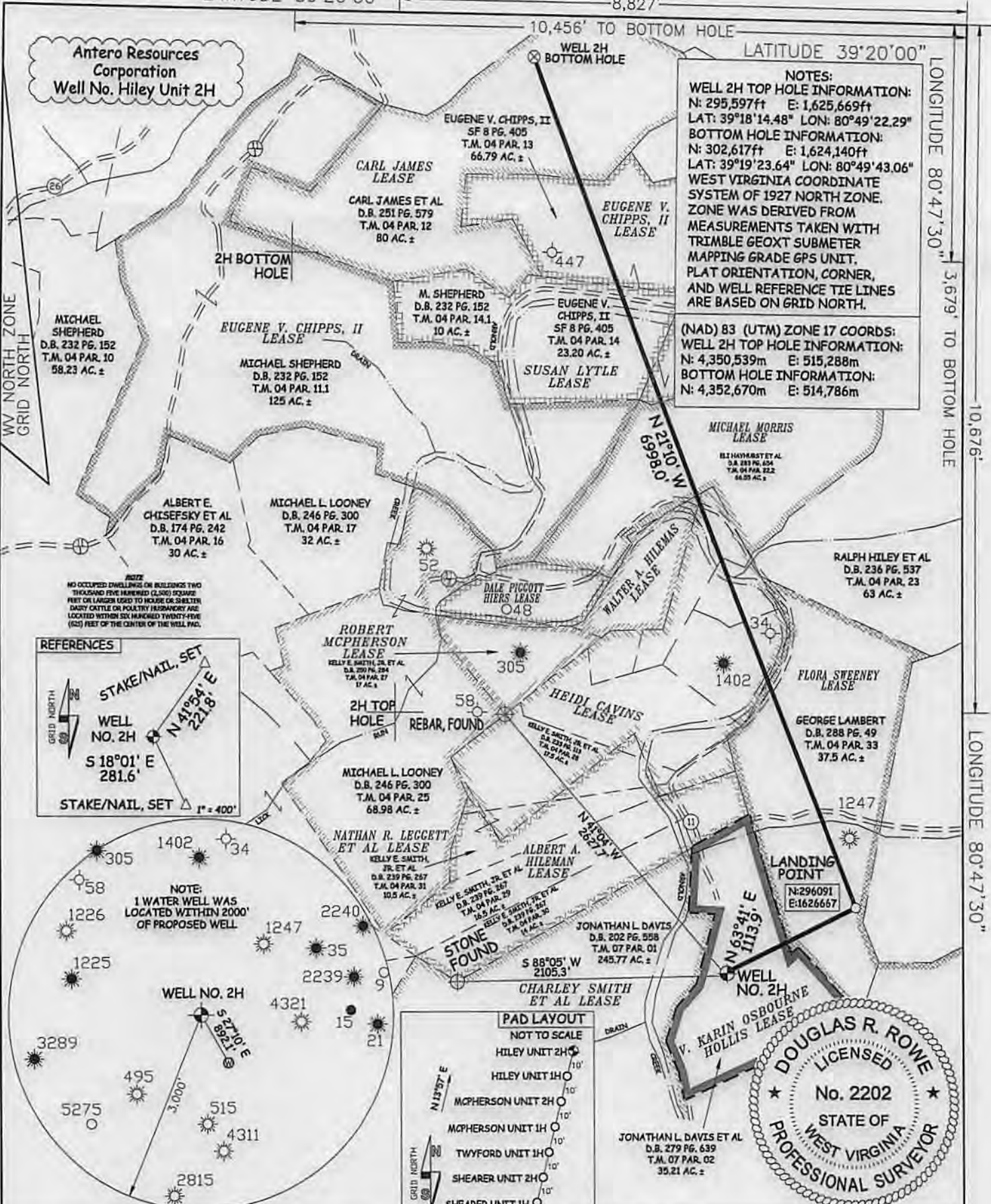
8,827'

LATITUDE 39°20'00"

LONGITUDE 80°47'30"

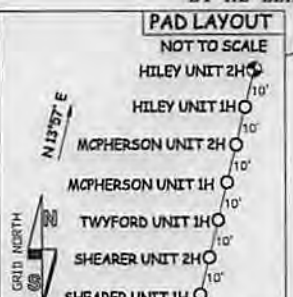
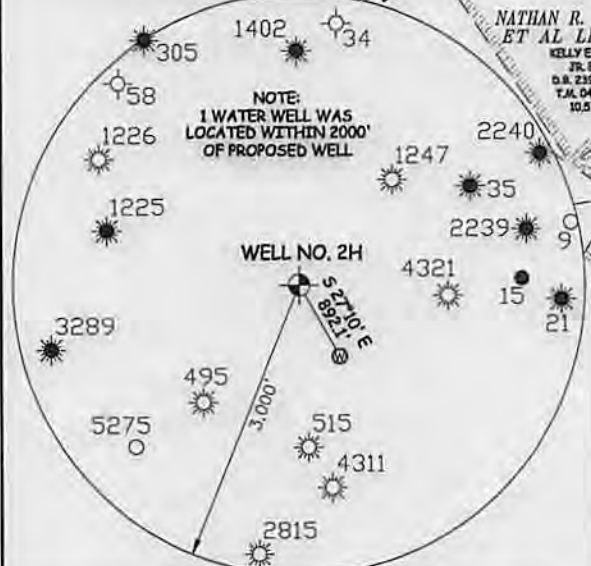
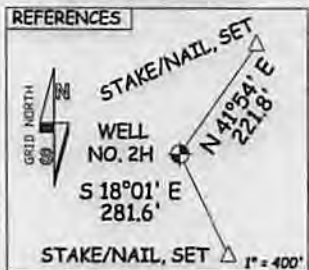
10,676'

LONGITUDE 80°47'30"



NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 295,597ft E: 1,625,669ft
 LAT: 39°18'14.48" LON: 80°49'22.29"
BOTTOM HOLE INFORMATION:
 N: 302,617ft E: 1,624,140ft
 LAT: 39°19'23.64" LON: 80°49'43.06"
 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 2H TOP HOLE INFORMATION:
 N: 4,350,539m E: 515,288m
BOTTOM HOLE INFORMATION:
 N: 4,352,670m E: 514,786m



JOB # 14-037WA
 DRAWING # HILEY2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

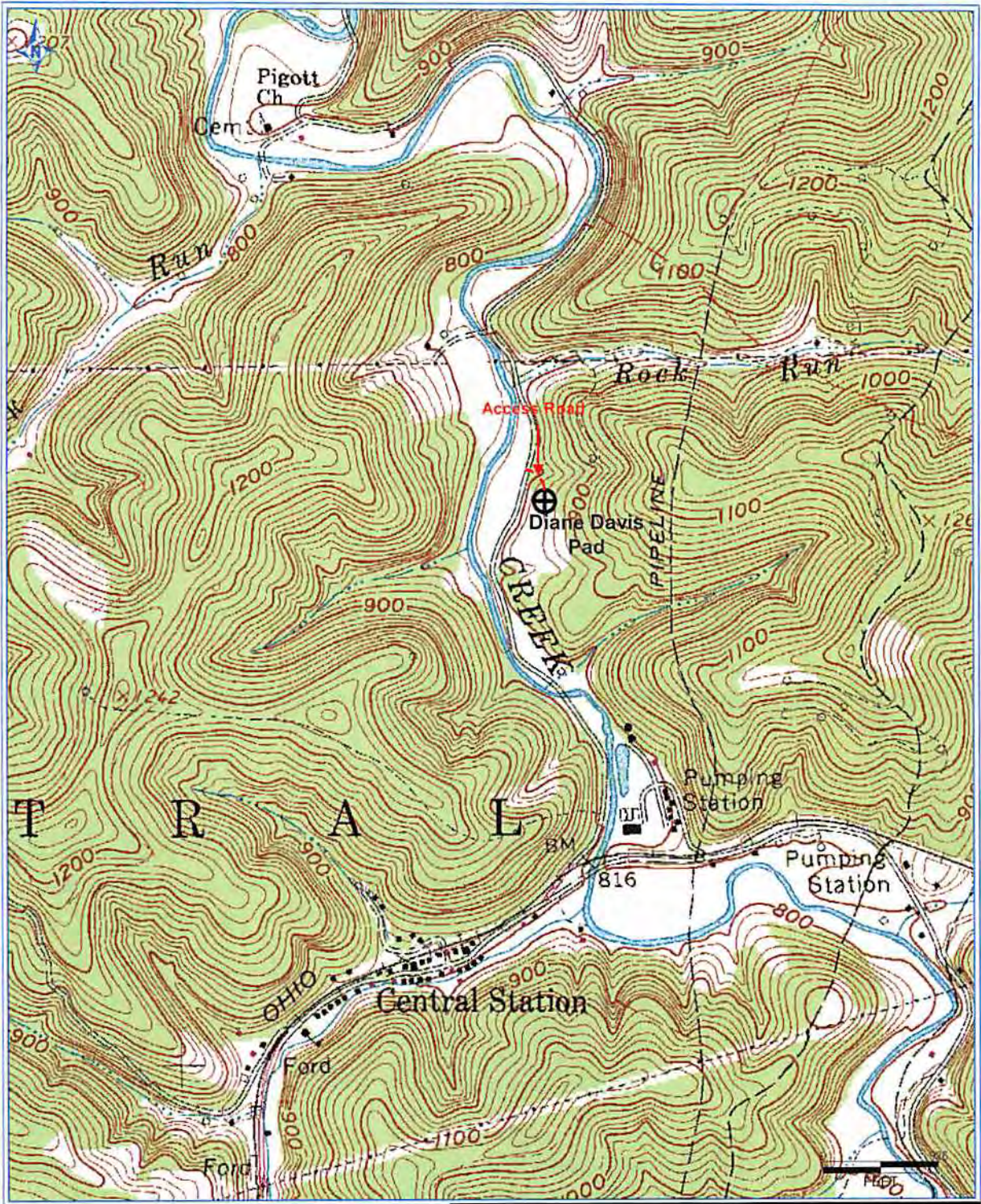


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

DOUGLAS R. ROWE P.S. 2202
 DATE 08/27/14
 OPERATOR'S WELL# HILEY UNIT #2H
 API WELL # 47 - 017 - 06614
 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 824' WATERSHED ARNOLD 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; FLORA SWEENEY; HEIDI CAVINS; LEASE ACREAGE 79.09 ACRES±; 103ACRES±; 86 ACRES±; WALTER A. HILEMAS; MICHAEL MORRIS; SUSAN LYTLE; CARL JAMES; EUGENE V. CHIPPS II 9 ACRES±; 60.55 ACRES±; 35 ACRES±; 80 ACRES±; 120 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) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 14,800' 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
 Diane Davis Pad
 Doddridge County

RECEIVED
 of Oil and Gas
 SEP 08 2014
 WV Department of
 Environmental Protection

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