

LATITUDE 39°20'00"

10,538'

1,623' TO BOTTOM HOLE

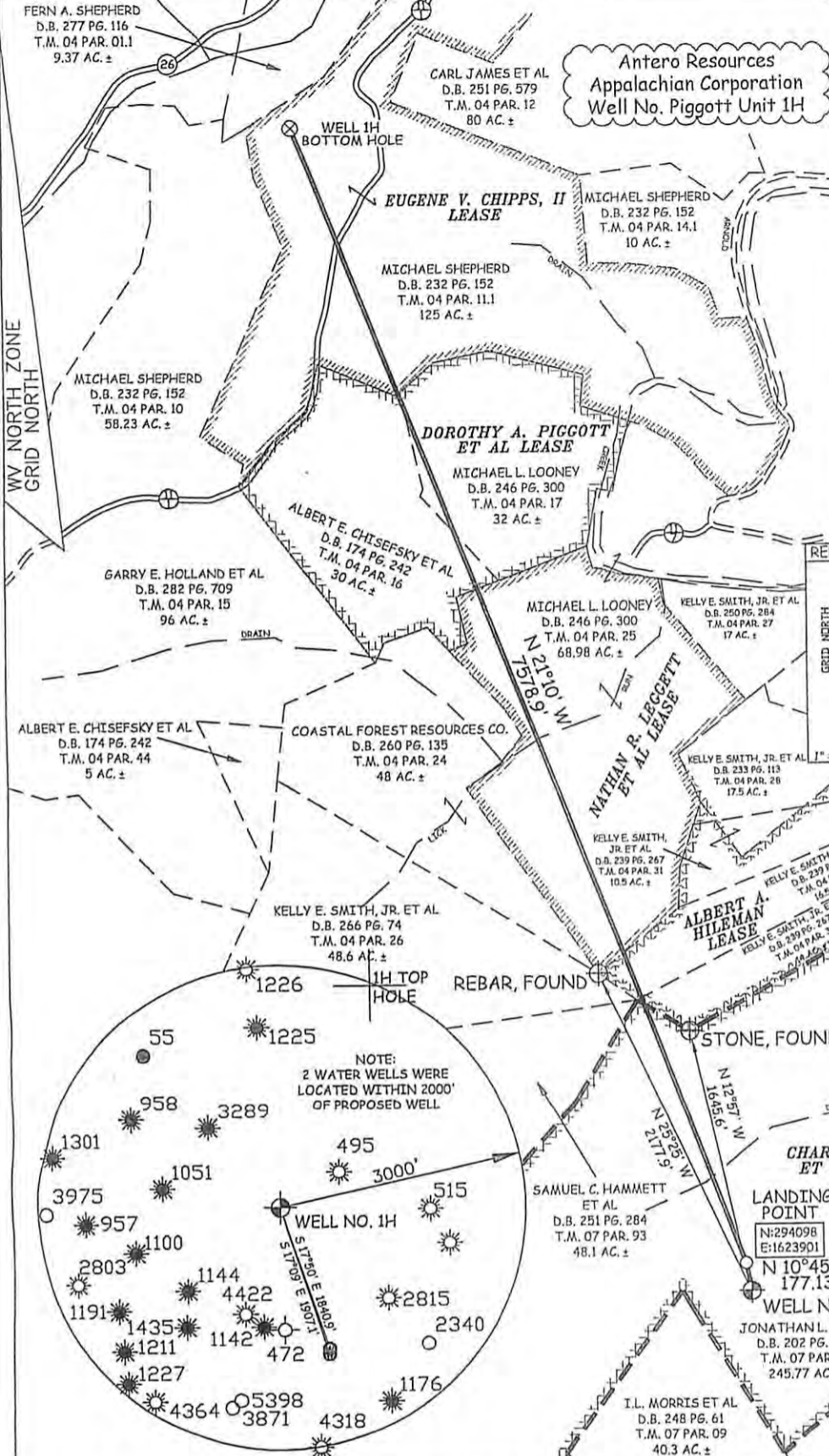
LATITUDE 39°20'00"

LONGITUDE 80°50'00"

5,176' TO BOTTOM HOLE

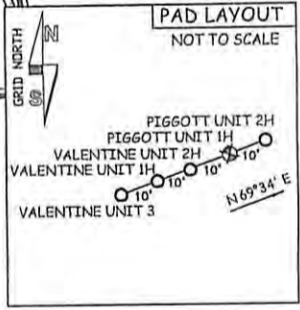
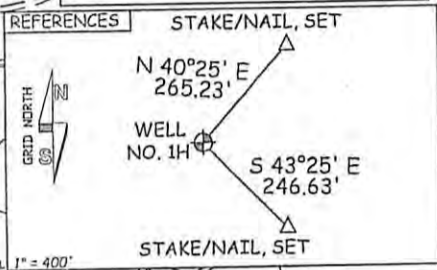
12,375'

LONGITUDE 80°47'30"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 293,923ft E: 1,623,934ft
 LAT: 39°17'57.69" LON: 80°49'44.05"
 BOTTOM HOLE INFORMATION:
 N: 301,165ft E: 1,621,164ft
 LAT: 39°19'08.85" LON: 80°50'20.66"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH 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 1H TOP HOLE INFORMATION:
 N: 4,350,021m E: 514,768m
 BOTTOM HOLE INFORMATION:
 N: 4,352,213m E: 513,887m



JOB # 12-073WA
 DRAWING # PIGGOTT1HR1
 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.

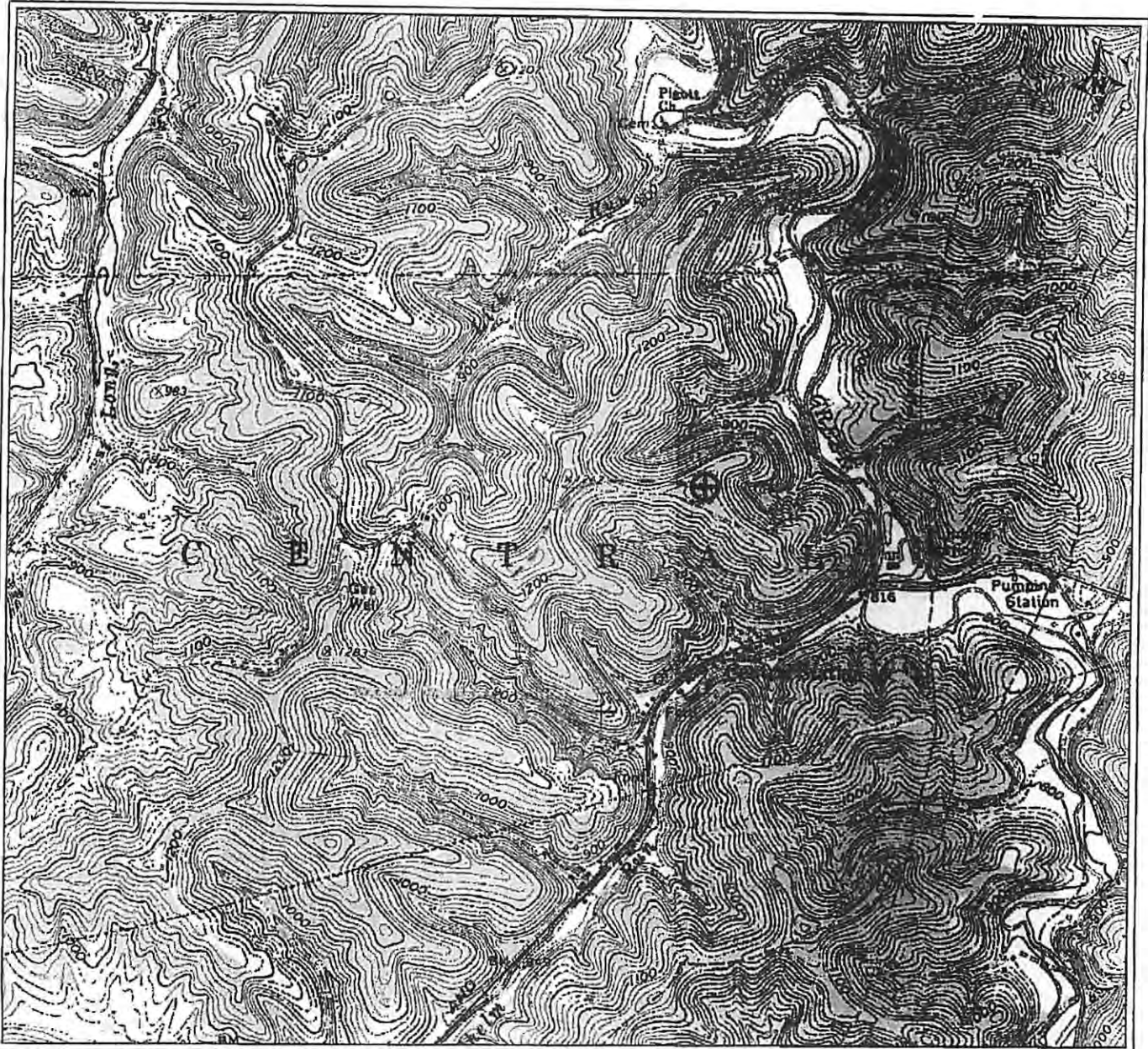


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1,146' WATERSHED ARNOLD CREEK
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
 SURFACE OWNER JONATHAN L. DAVIS ACREAGE 245.77 ACRES +/-
 OIL & GAS ROYALTY OWNER CHARLEY SMITH ET AL; ALBERTA. HILEMAN; NATHAN R. LEGGETT ET AL; LEASE ACREAGE 213 ACRES+; 50.5 ACRES+; 68.98 ACRES+; DOROTHYA. PIGGOTT ET AL; EUGENE V. CHIPPS, II 62 ACRES+; 140 ACRES+
 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 7,100' TVD 15,500' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

DOUGLAS R. ROWE P.S. 2202
 DATE 09/04/12
 OPERATOR'S WELL# PIGGOTT UNIT #1H
 API WELL # 47 - 017 - 6142 H6A
 STATE COUNTY PERMIT



PETRA 8/15/2012 3:25:08 PM

17-6142

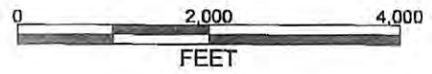
Antero Resources Corporation

APPALACHIAN BASIN

Piggott Unit 1H

Doddridge County

REMARKS
 QUADRANGLE: BIG ISAAC
 WATERSHED: ARNOLD CREEK
 DISTRICT: CENTRAL



August 15, 2012