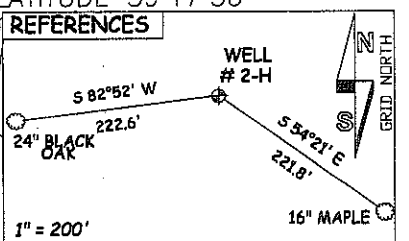
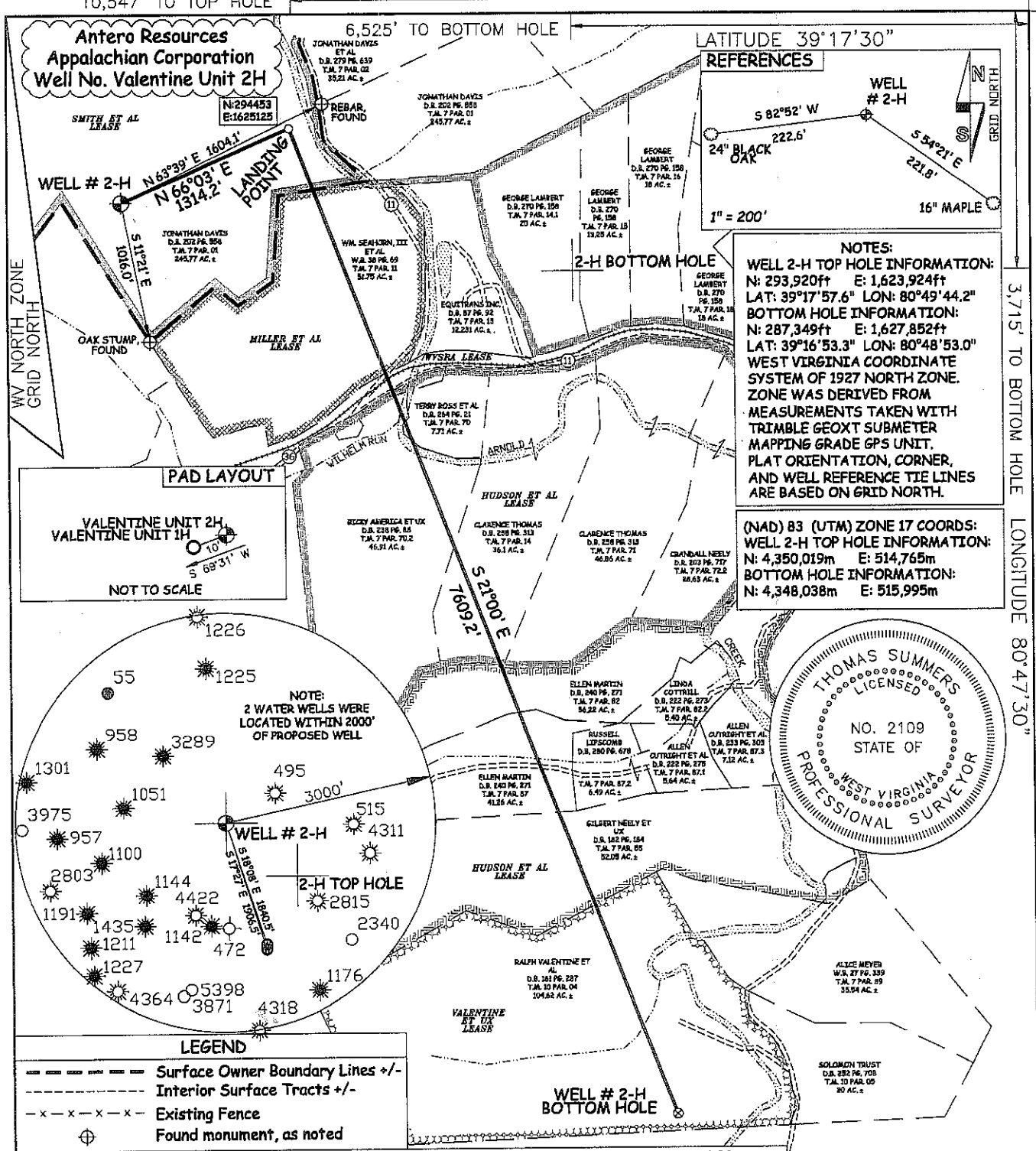


LATITUDE 39°20'00"

10,547' TO TOP HOLE

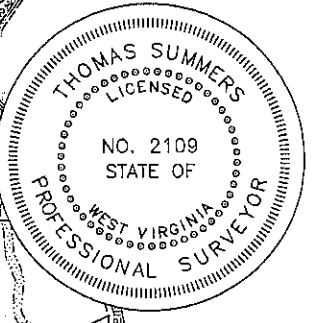
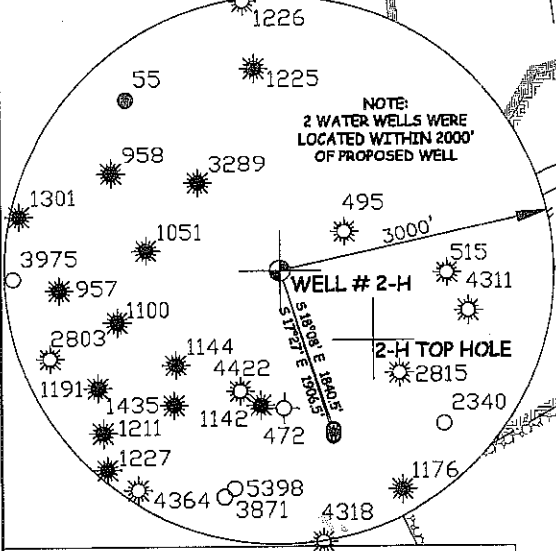
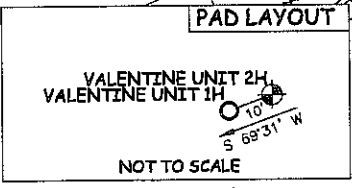
6,525' TO BOTTOM HOLE

LATITUDE 39°17'30"



NOTES:
WELL 2-H TOP HOLE INFORMATION:
 N: 293,920ft E: 1,623,924ft
 LAT: 39°17'57.6" LON: 80°49'44.2"
BOTTOM HOLE INFORMATION:
 N: 287,349ft E: 1,627,852ft
 LAT: 39°16'53.3" LON: 80°48'53.0"
 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 2-H TOP HOLE INFORMATION:
 N: 4,350,019m E: 514,765m
BOTTOM HOLE INFORMATION:
 N: 4,348,038m E: 515,995m



LEGEND

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

JOB # 11-071
 DRAWING # VALENTINEUNIT2HP
 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
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

THOMAS SUMMERS P.S. 2109
 DATE 12/22/11

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

OPERATOR'S WELL# VALENTINE UNIT 2H
 API WELL # 47 - 017 - 0607916A

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1,159' WATERSHED ARNOLD CREEK DISTRICT CENTRAL COUNTY DODDRIDGE

QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER JONATHAN DAVIS ACREAGE 245.77 ACRES +/-
 OIL & GAS ROYALTY OWNER CHARLEY SMITH ET AL; MARY MILLER ET AL; LEASE ACREAGE 213 AC; 54 AC;
 WV STATE RAIL AUTHORITY: CORLISS HUDSON ET AL; CORLISS HUDSON ET AL; RALPH VALENTINE ET UX 301.19 AC; 246 AC; 244.6 AC; 104.62 AC
 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 ___ ESTIMATED DEPTH 7,100' TVD 15,200' MD
 TARGET FORMATION MARCELLUS
 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

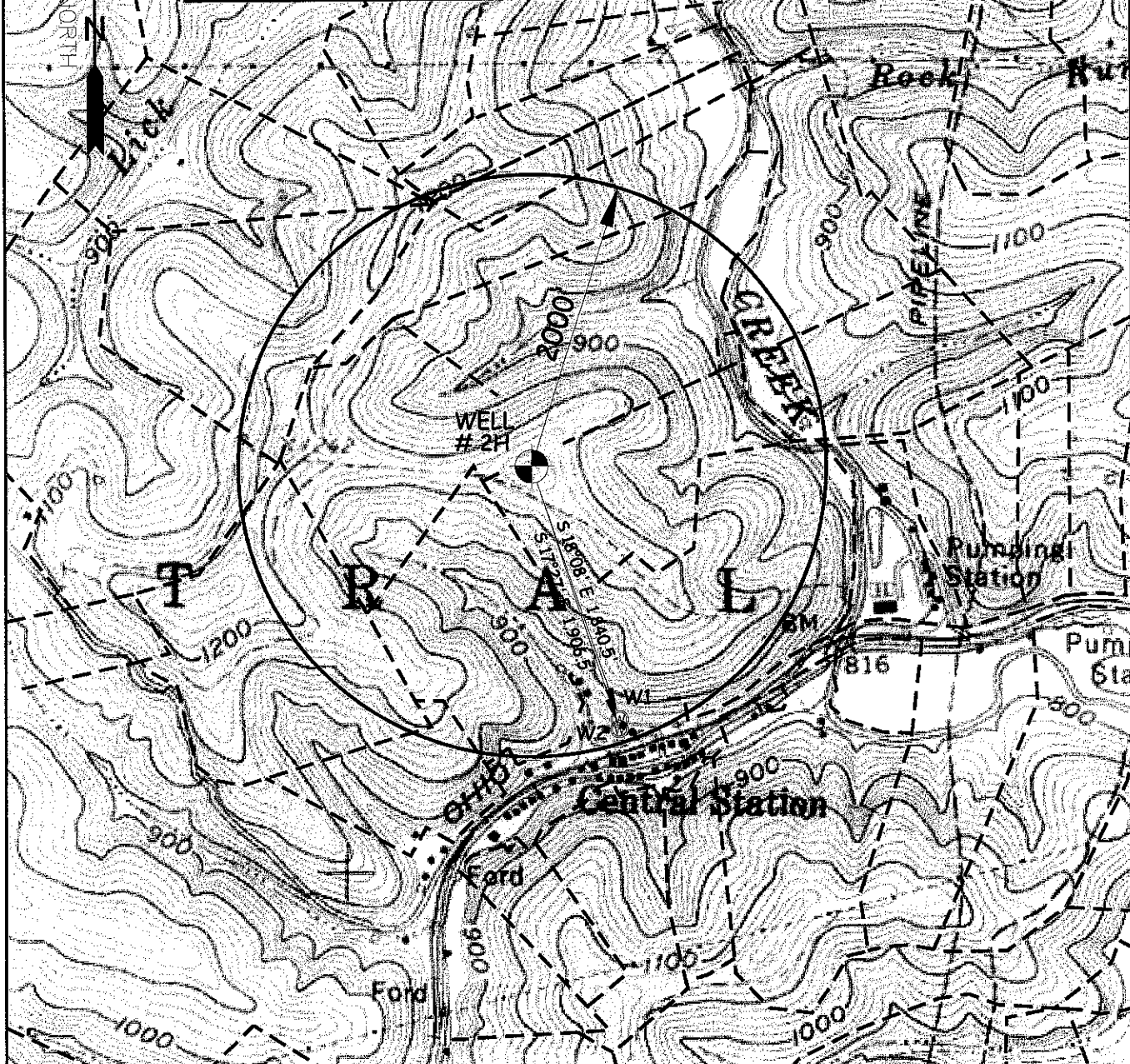
LONGITUDE 80°47'30" 3,715' TO BOTTOM HOLE LONGITUDE 80°47'30" 12,378' TO TOP HOLE

17-06079H6A

FORM WW-9

**WELL # 2H
VALENTINE UNIT
ANTERO RESOURCES
APPALACHIAN CORPORATION**

PAGE OF



WELL	SURFACE OWNER	ADDRESS
W1	Wilma Ash	Rt. 1 Box 319 West Union, WV 26456
W2	Steven Fox	Rt. 1 Box 319A West Union, WV 26456

WILLOW LAND SURVEYING PLLC P.O. BOX 17, PENNSBORO, WV 26415 (304) 659-1717	TOPO SECTION(S) OF : WEST UNION 7.5' QUAD	SCALE : 1-INCH = 1000-FEET 0' 1000' 2000' 3000'
	DATE: 1/10/12 DRAWN BY: TBS	

04/06/2012