

LATITUDE 39°10'00"

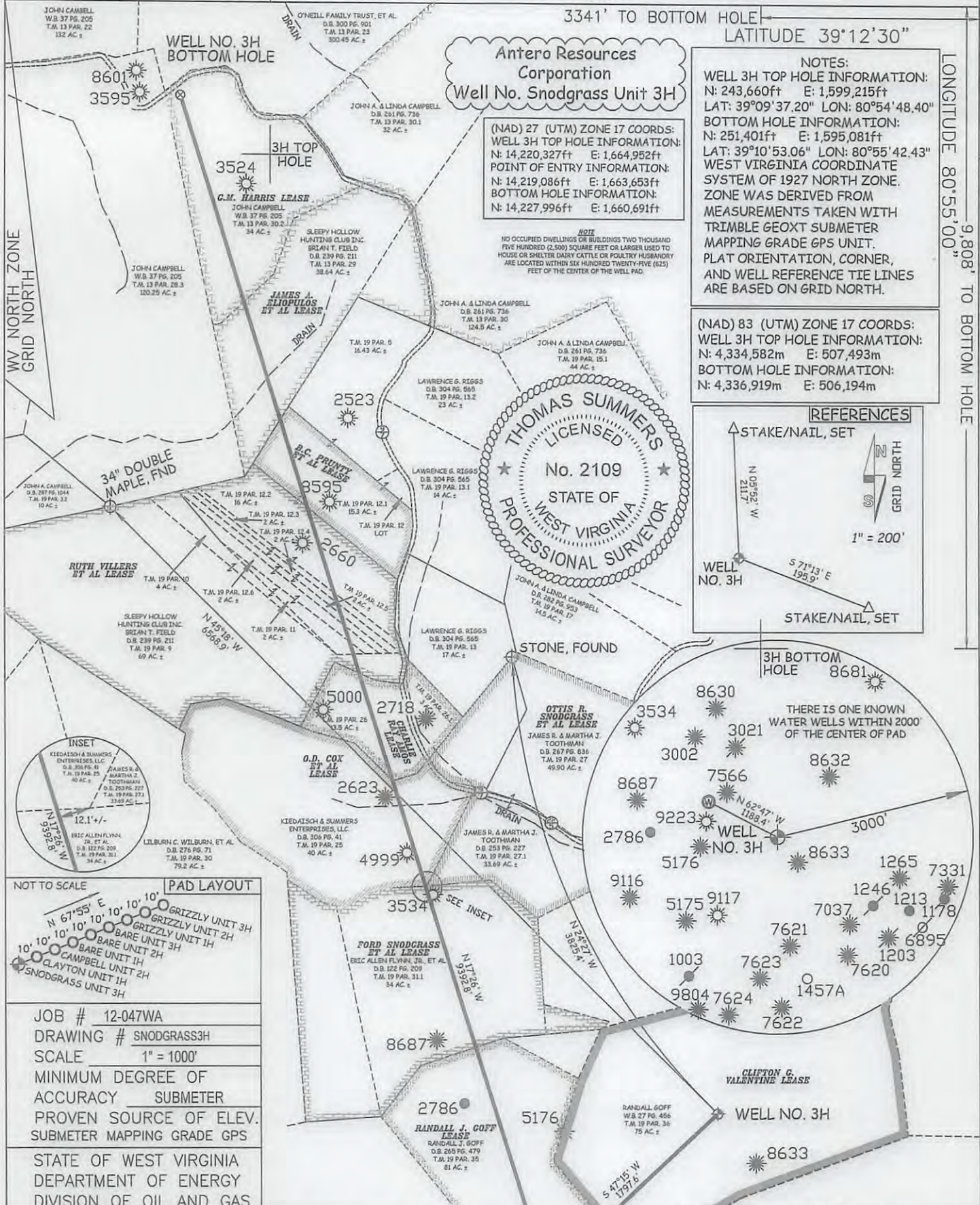
10,901'

3341' TO BOTTOM HOLE

LATITUDE 39°12'30"

2,307' LONGITUDE 80°55'00"

9,808' TO BOTTOM HOLE LONGITUDE 80°52'30"

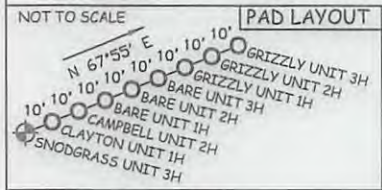
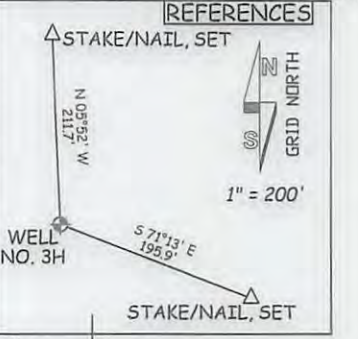


Antero Resources Corporation
Well No. Snodgrass Unit 3H

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 3H TOP HOLE INFORMATION:
 N: 14,220,327ft E: 1,664,952ft
 POINT OF ENTRY INFORMATION:
 N: 14,219,086ft E: 1,663,653ft
 BOTTOM HOLE INFORMATION:
 N: 14,227,996ft E: 1,660,691ft

NOTES:
 WELL 3H TOP HOLE INFORMATION:
 N: 243,660ft E: 1,599,215ft
 LAT: 39°09'37.20" LON: 80°54'48.40"
 BOTTOM HOLE INFORMATION:
 N: 251,401ft E: 1,595,081ft
 LAT: 39°10'53.06" LON: 80°55'42.43"
 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 3H TOP HOLE INFORMATION:
 N: 4,334,582m E: 507,493m
 BOTTOM HOLE INFORMATION:
 N: 4,336,919m E: 506,194m



JOB # 12-047WA
 DRAWING # SNODGRASS3H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS

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.



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 +/-
 - - - - - Existing Fence
 ⊕ Found monument as noted

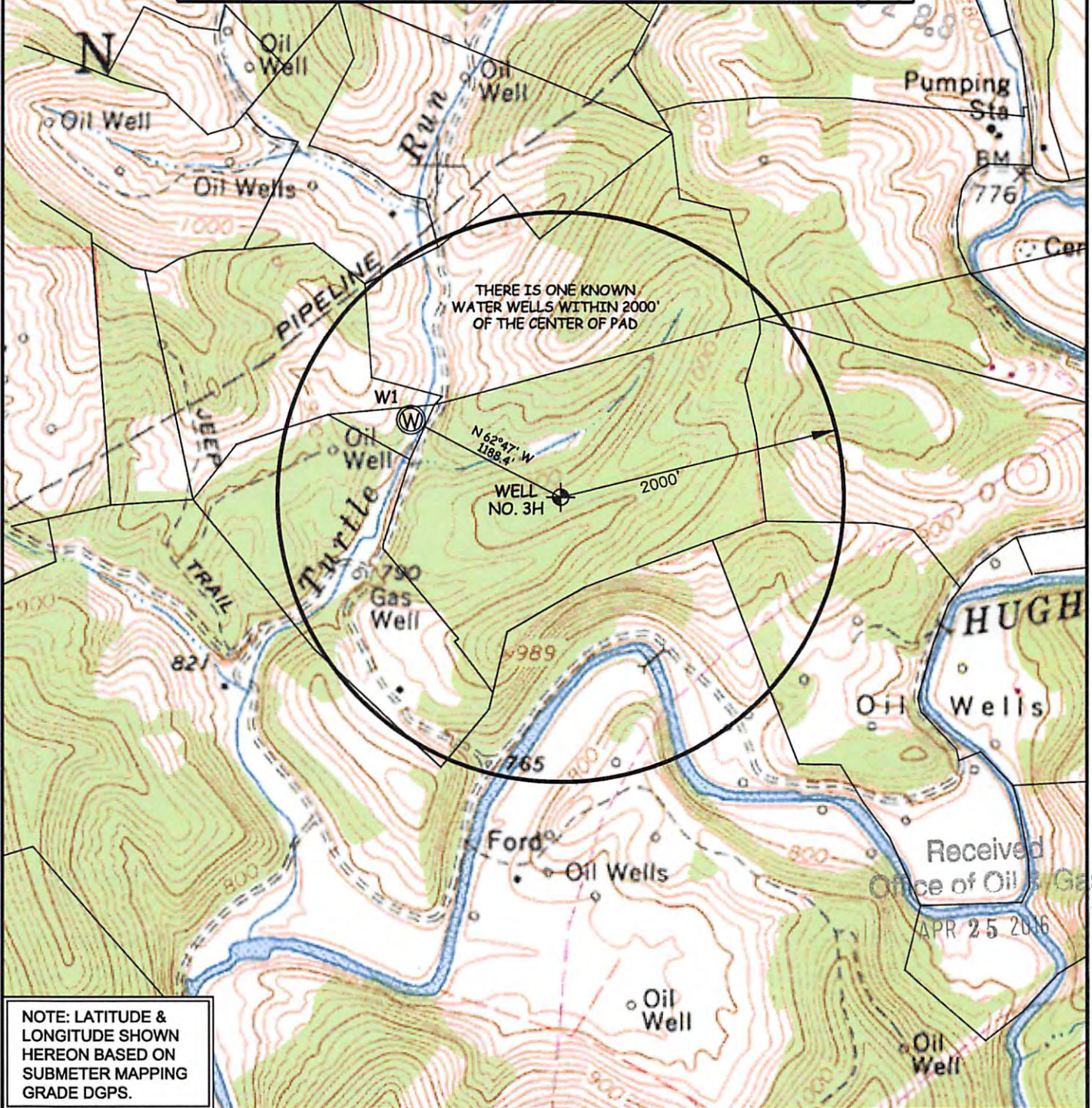
Thomas Summers
 THOMAS SUMMERS P.S. 2109
 DATE 04/06/16
 OPERATOR'S WELL # SNODGRASS UNIT #3H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 930' ORIGINAL - 921' PROPOSED WATERSHED SOUTH FORK HUGHES RIVER
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
 SURFACE OWNER RANDALL GOFF ACREAGE 75 ACRES +/-
 OIL & GAS ROYALTY OWNER CLIFTON G. VALENTINE; RANDALL J. GOFF; FORD SNODGRASS ET AL; LEASE ACREAGE 75 ACRES+; 80 ACRES+; 65 ACRES+;
 O.D. COX ET AL; CHARLIE RAY AMOS; RUTH VILLERS ET AL; B.C. PRUNTY ET AL; JAMES A. ELIOPULOS ET AL; G.M. HARRIS 54 ACRES+; 15.5 ACRES+; 100 ACRES+; 15.3 ACRES+; 39 ACRES+; 200 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 6,500' TVD 17,000' MD
 DIANNA STAMPER
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

07/01/2016

GOFF PAD ANTERO RESOURCES CORPORATION

470 851 0288



NOTE: LATITUDE & LONGITUDE SHOWN HEREON BASED ON SUBMETER MAPPING GRADE DGPS.

WELL	SURFACE OWNER	ADDRESS	DISTRICT-TAX MAP-PARCEL	WELL LATITUDE	WELL LONGITUDE
W1	RANDALL GOFF	1651 AUBURN RD, PULLMAN, WV 26421	10-19-36	39°09'42.66"	80°55'01.28"

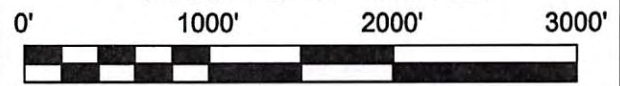
WILLOW LAND SURVEYING, PLLC
P.O. BOX 17, PENNSBORO, WV 26415
(304) 659-1717

TOPO SECTION(S) OF :
WEST UNION 7.5'

JOB #: 12-047WA

FILE: SNODGRASS3HWATERMAP

SCALE : 1-INCH = 1000-FEET



DATE: 4/20/16

DRAWN BY: J.C.W