

LATITUDE 39°20'00"

2.996'

8,364' TO BOTTOM HOLE

LATITUDE 39°22'30"

LONGITUDE 80°50'00"

12,900' TO BOTTOM HOLE

11,310'

LONGITUDE 80°50'00"

Antero Resources Corporation
Well No. California Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 295,052ft E: 1,619,700ft
LAT: 39°18'08.21" LON: 80°50'38.11"
BOTTOM HOLE INFORMATION:
N: 308,718ft E: 1,614,534ft
LAT: 39°20'22.51" LON: 80°51'46.46"
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 1H TOP HOLE INFORMATION:
N: 4,350,343m E: 513,472m
BOTTOM HOLE INFORMATION:
N: 4,354,480m E: 511,829m

REFERENCES

1" = 200'

STAKE/ NAIL, SET

STAKE/ NAIL, SET

N 80°28'W

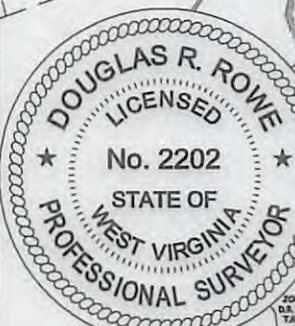
186.9'

N 26°03'E

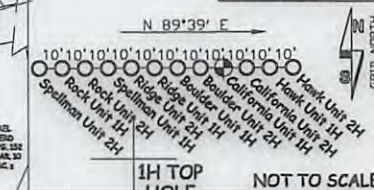
189.9'

WELL NO. 1H

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,272,035ft E: 1,684,570ft
POINT OF ENTRY INFORMATION:
N: 14,272,156ft E: 1,683,642ft
BOTTOM HOLE INFORMATION:
N: 14,285,608ft E: 1,679,178ft

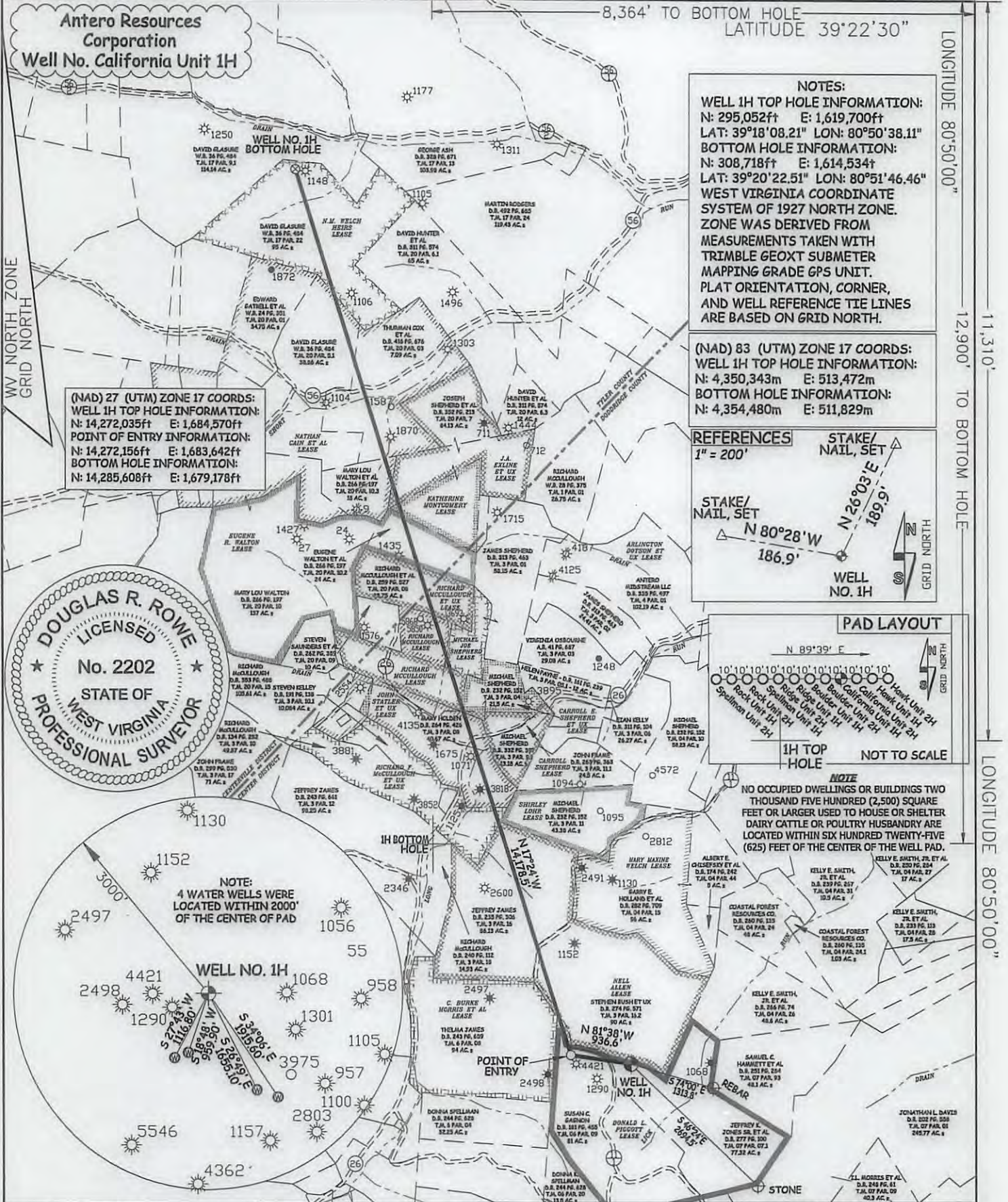


PAD LAYOUT



1H TOP HOLE NOT TO SCALE

NOTE
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 16-059WA
DRAWING # CALIFORNIA1HR
SCALE 1" = 2000'

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

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,135' PROPOSED - 1,160' ORIGINAL WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIEGE

SURFACE OWNER JEFFREY K. JONES SR. ET AL ACREAGE 77.32 ACRES +/-
OIL & GAS ROYALTY OWNER DONALD L. PIGGOTT; NELL ALLEN; RICHARD F. MCCULLOUGH ET UX; LEASE ACREAGE 81 AC±; 176 AC±; 63.5 AC±;
JOHN STATLER ET UX; CARROLL SHEPHERD; CARROLL E. SHEPHERD ET UX; RICHARD MCCULLOUGH; MICHAEL JOE SHEPHERD; RICHARD MCCULLOUGH; RICHARD MCCULLOUGH ET UX; 58 AC±; 17.18 AC±; 26 AC±; 15 AC±; 12.025 AC±; 29 AC±;
EUGENE R. WALTON; KATHERINE MONTGOMERY; J.A. EXLINE ET UX; NATHAN CAIN ET AL; N.M. WELCH HEIRS 137 AC±; 26.13 AC±; 60 AC±; 278 AC±; 95 AC±

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

DOUGLAS R. ROWE P.S. 2202

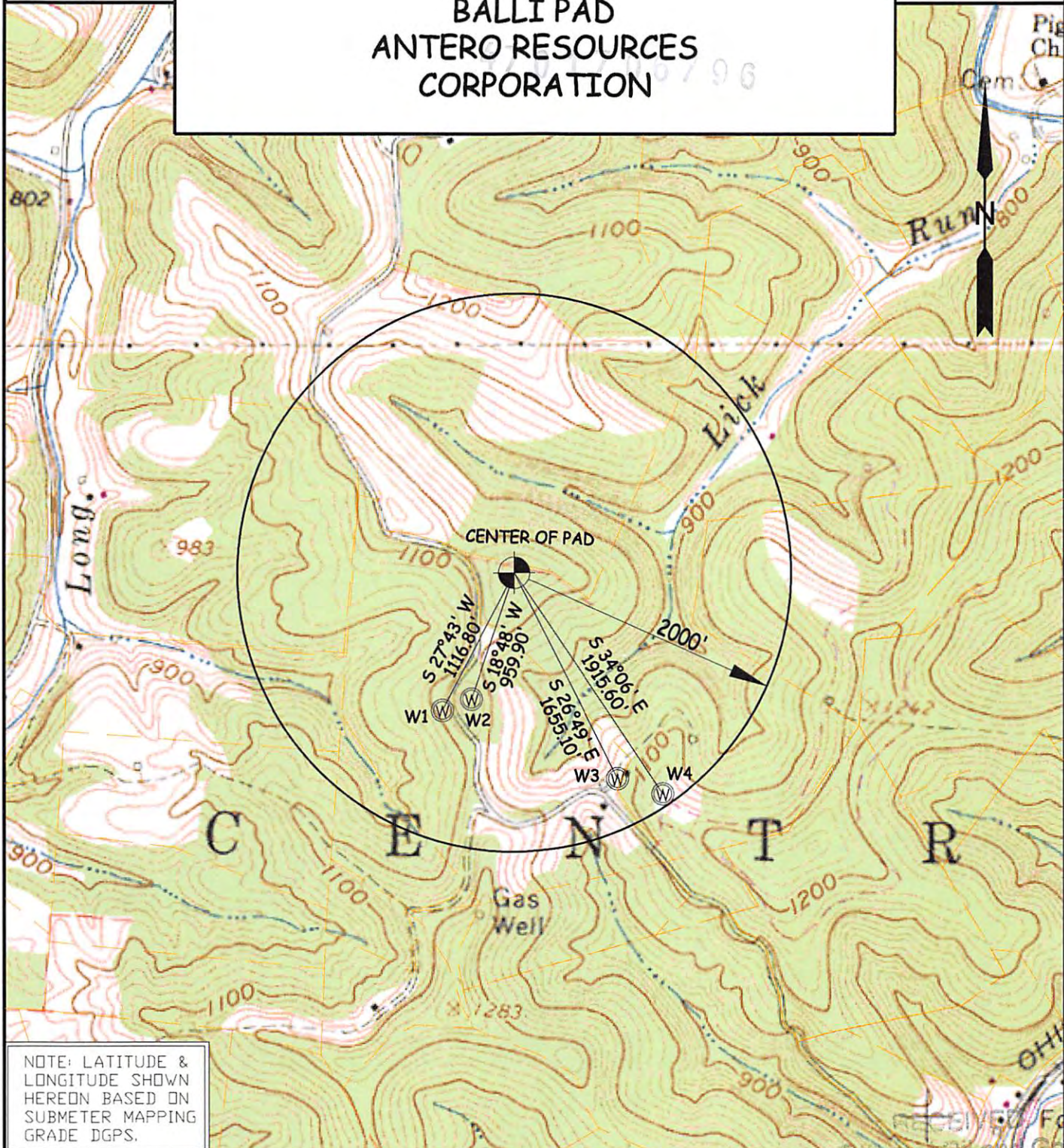
DATE 12/05/16
OPERATOR'S WELL# CALIFORNIA UNIT #1H

API WELL # 47 - 017 - 06796 HGA
STATE COUNTY PERMIT

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 21,650' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

02/10/2017

BALLI PAD ANTERO RESOURCES CORPORATION



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

WELL	SURFACE OWNER	ADDRESS	DISTRICT-TAX MAP-PARCEL	WELL LATITUDE	WELL LONGITUDE
W1	SUSAN C. GAGNON	1210 Ramsey Ridge Rd West Union, WV 26456	1-6-9	39° 17' 59.48"	80° 50' 41.57"
W2	SUSAN C. GAGNON	1210 Ramsey Ridge Rd West Union, WV 26456	1-6-9	39° 17' 58.66"	80° 50' 44.23"
W3	SUSAN C. GAGNON	1210 Ramsey Ridge Rd West Union, WV 26456	1-6-9	39° 17' 54.02"	80° 50' 28.03"
W4	JEFFREY JONES SR. ET UX	888 Ramsey Ridge Rd West Union, WV 26456	1-7-7.1	39° 17' 52.99"	80° 50' 23.85"

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

TOPO SECTION(S) OF ;
WEST UNION 7.5' QUAD.
& PENNSBORO 7.5' QUAD.

JOB #: 14-084WA

FILE: BALLI PAD WATERMAP

SCALE : 1-INCH = 1000-FEET



DATE: 12/02/16

DRAWN BY: T.B.S.