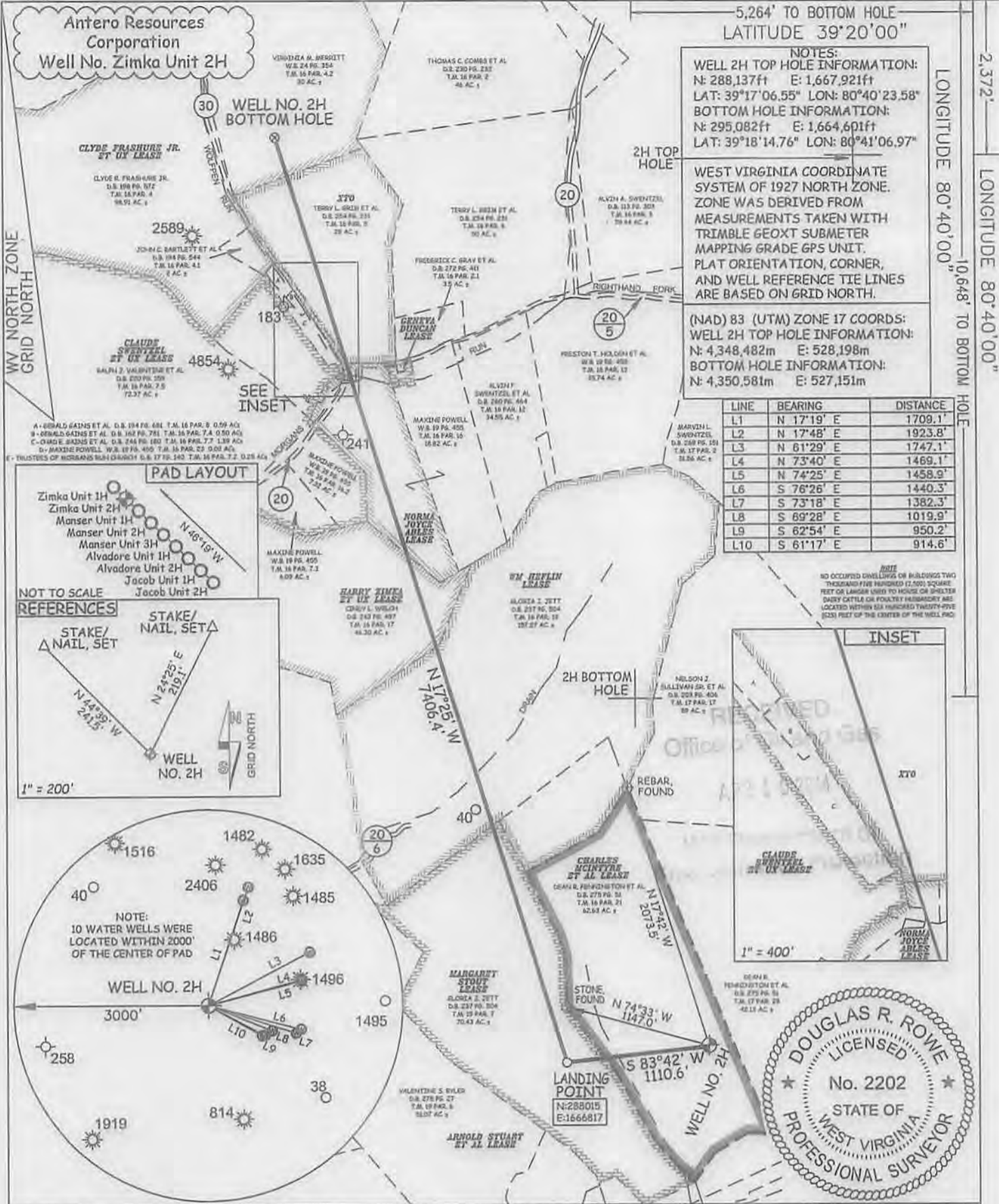


LATITUDE 39°17'30" 1,854'

5,264' TO BOTTOM HOLE
LATITUDE 39°20'00"

2,372'
LONGITUDE 80°40'00"
10,648' TO BOTTOM HOLE
LONGITUDE 80°40'00"



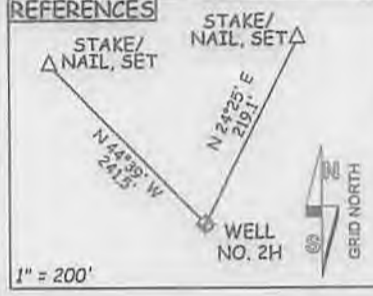
NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 288,137ft E: 1,667,921ft
LAT: 39°17'06.55" LON: 80°40'23.58"
BOTTOM HOLE INFORMATION:
N: 295,082ft E: 1,664,601ft
LAT: 39°18'14.76" LON: 80°41'06.97"

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: 4,348,482m E: 528,198m
BOTTOM HOLE INFORMATION:
N: 4,350,581m E: 527,151m

LINE	BEARING	DISTANCE
L1	N 17°19' E	1709.1'
L2	N 17°48' E	1923.8'
L3	N 61°29' E	1747.1'
L4	N 73°40' E	1469.1'
L5	N 74°25' E	1458.9'
L6	S 76°26' E	1440.3'
L7	S 73°18' E	1382.3'
L8	S 69°28' E	1019.9'
L9	S 62°54' E	950.2'
L10	S 61°17' E	914.6'

NOTE:
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHEDS, BARNY CATTLE OR POLYESTER WAREHOUSE ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 13-092WA
DRAWING # ZIMKAUNITP2HR2
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
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,141' WATERSHED BUCKEYE CREEK

QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER DEAN R. PENNINGTON ET AL ACREAGE 62.63 ACRES +/-
OIL & GAS ROYALTY OWNER CHARLES MCINTYRE ET AL; MARGARET STOUT; WM HEFLIN; HARRY ZIMKA ET UX; NORMA JOYCE ABLES; XTO; CLYDE FRASHURE JR. ET UX 47 ACRES±; 21.63 ACRES±; 28 ACRES±; 131 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) Bit Permit Modification PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,200' TVD 16,300' MD

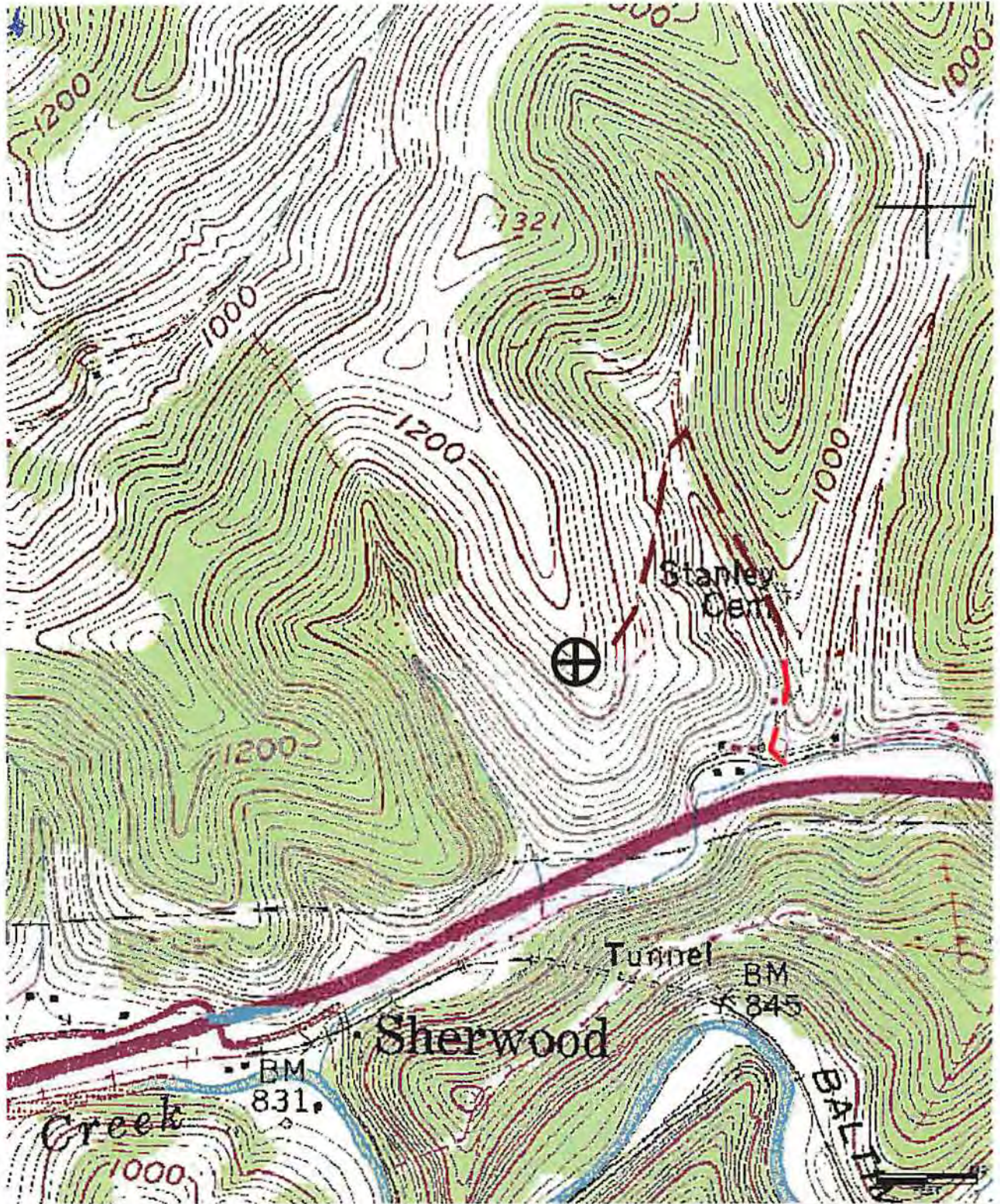
WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT CT CORPORATION SYSTEM
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25311

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

DOUGLAS R. ROWE
No. 2202
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR

DATE 04/03/14
OPERATOR'S WELL# ZIMKA UNIT #2H
API WELL # 47-017-06424-16A
STATE COUNTY PERMIT

FORM WW-6 DENVER, CO 80202 08/15/2014



*DCW
1-9-2014
MAG*

Antero Resources Corporation
Appalachian Basin
Zimka Unit 2H
Dodridge County

RECEIVED
Office of Oil and Gas

Quadrangle: Smithburg
Watershed: Morgans Run and Buckeye Creek
Watersheds
District: Grant
Date: 10/17/13

JAN 1 2014

WV Department of
Environmental Protection