

LATITUDE 39°17'30" 1,862'

5,672' TO BOTTOM HOLE  
LATITUDE 39°20'00"

LONGITUDE 80°40'00" 10,793' TO BOTTOM HOLE  
LONGITUDE 80°40'00"

# Antero Resources Corporation Well No. Zimka Unit 1H

NOTES:  
WELL 1H TOP HOLE INFORMATION:  
N: 288,144ft E: 1,667,914ft  
LAT: 39°17'06.62" LON: 80°40'23.68"  
BOTTOM HOLE INFORMATION:  
N: 294,943ft E: 1,664,191ft  
LAT: 39°18'13.33" LON: 80°41'12.16"

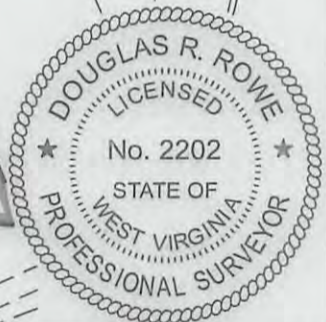
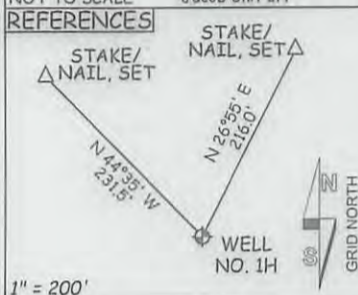
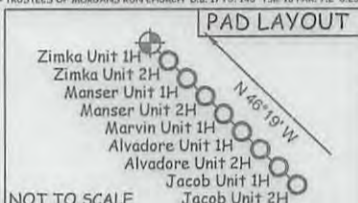
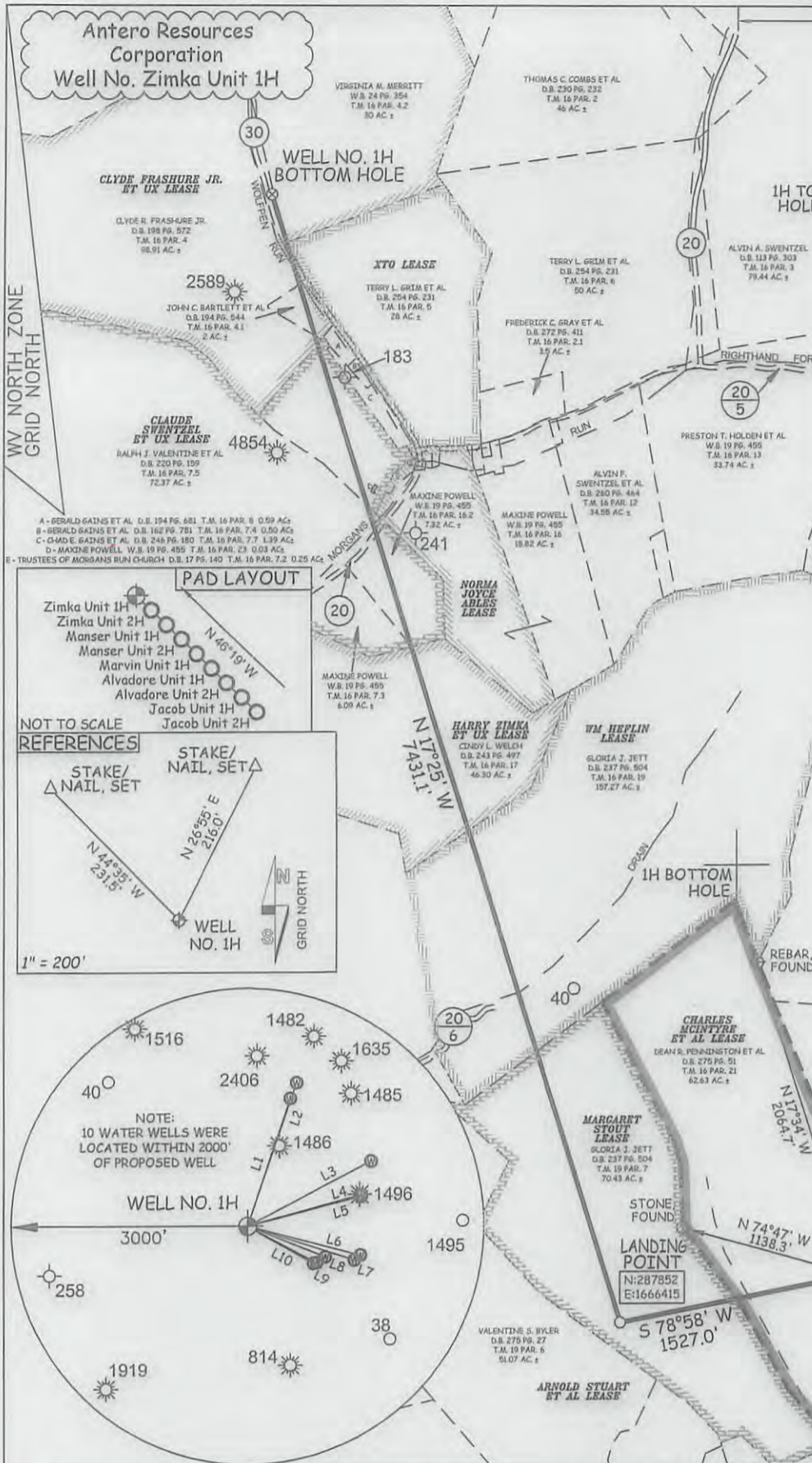
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 1H TOP HOLE INFORMATION:  
N: 4,348,484m E: 528,196m  
BOTTOM HOLE INFORMATION:  
N: 4,350,536m E: 527,027m

LINE	BEARING	DISTANCE
L1	N 18°32' E	1691.7'
L2	N 18°53' E	1906.6'
L3	N 62°43' E	1759.8'
L4	N 75°00' E	1489.5'
L5	N 75°45' E	1479.8'
L6	S 75°39' E	1475.0'
L7	S 72°34' E	1418.1'
L8	S 68°37' E	1056.8'
L9	S 62°15' E	988.6'
L10	S 60°40' E	953.3'

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-NINE (629) FEET OF THE CENTER OF THE WELL PAD.

TOBEY L. NUTT  
D.B. 277 PG. 172  
T.M. 17 PAR. 18  
319.56 AC ±



JOB # 13-092WA  
DRAWING # ZIMKAUNIT1H  
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  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
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; CLAUDE SWENTZEL ET UX; CLYDE FRASHURE JR. ET UX; XTO LEASE ACREAGE 70 ACRES±; 70.43 ACRES±; 120.6 ACRES±; 47 ACRES±; 82.5 ACRES±; 131 ACRES±; 28 ACRES±

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,200' TVD 16,800' MD

WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

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

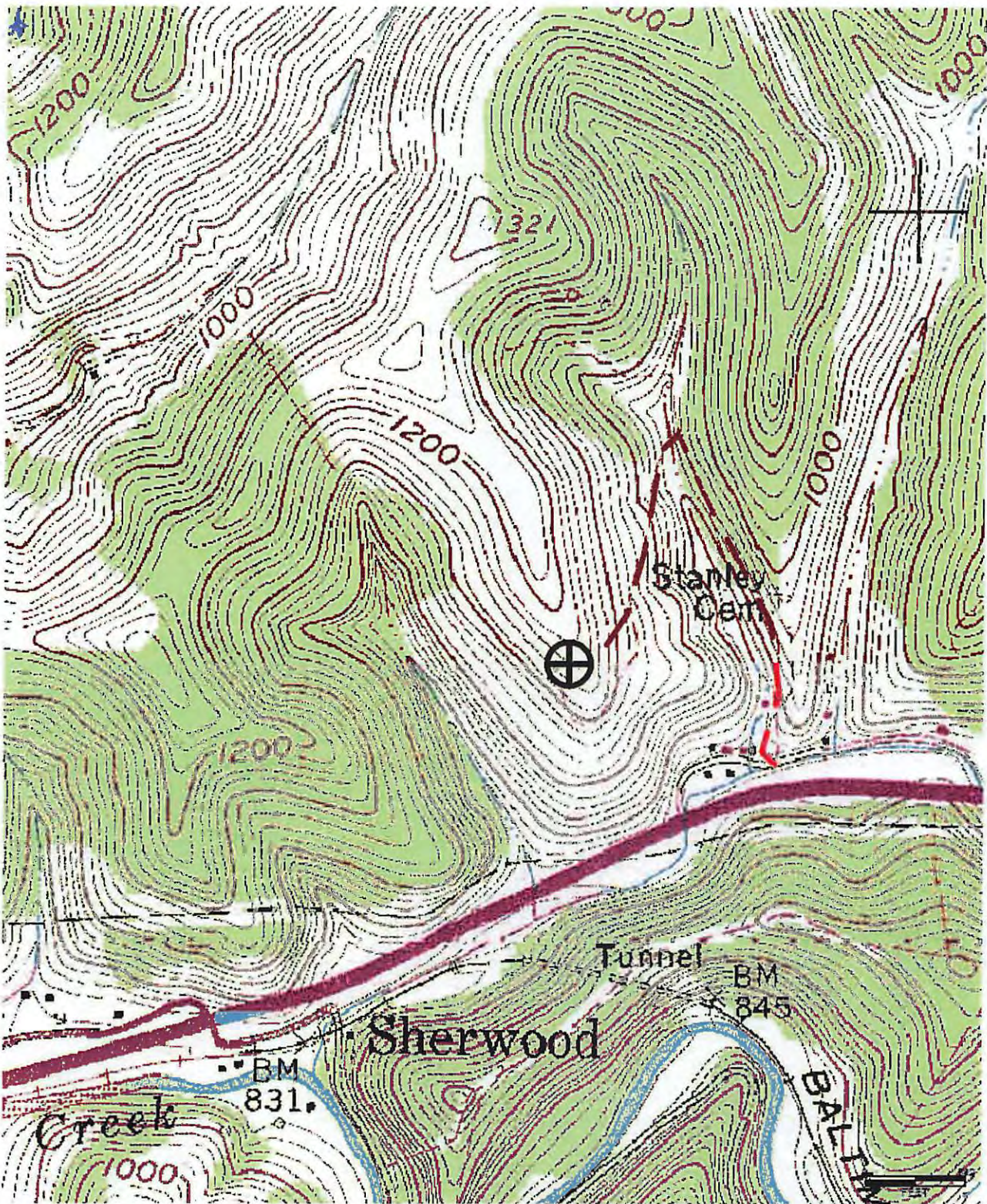
LEGEND  
- - - Surface Owner Boundary Lines +/-  
- - - Interior Surface Tracts +/-  
X Existing Fence  
⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202  
DATE 11/19/13  
OPERATOR'S WELL# ZIMKA UNIT #H

API WELL # 47 - 017 - 06423 HGA  
STATE COUNTY PERMIT

COUNTY NAME PERMIT

01/17/2014



RECEIVED  
Office of Oil and Gas

*DCW  
1-9-2014  
MDG*

JAN 10 2014

WV Department of  
Environmental Protection

Antero Resources Corporation  
Appalachian Basin  
Zimka Unit 1H  
Dodridge County

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