

LATITUDE 39°17'30"

11,233'

7,878' TO BOTTOM HOLE

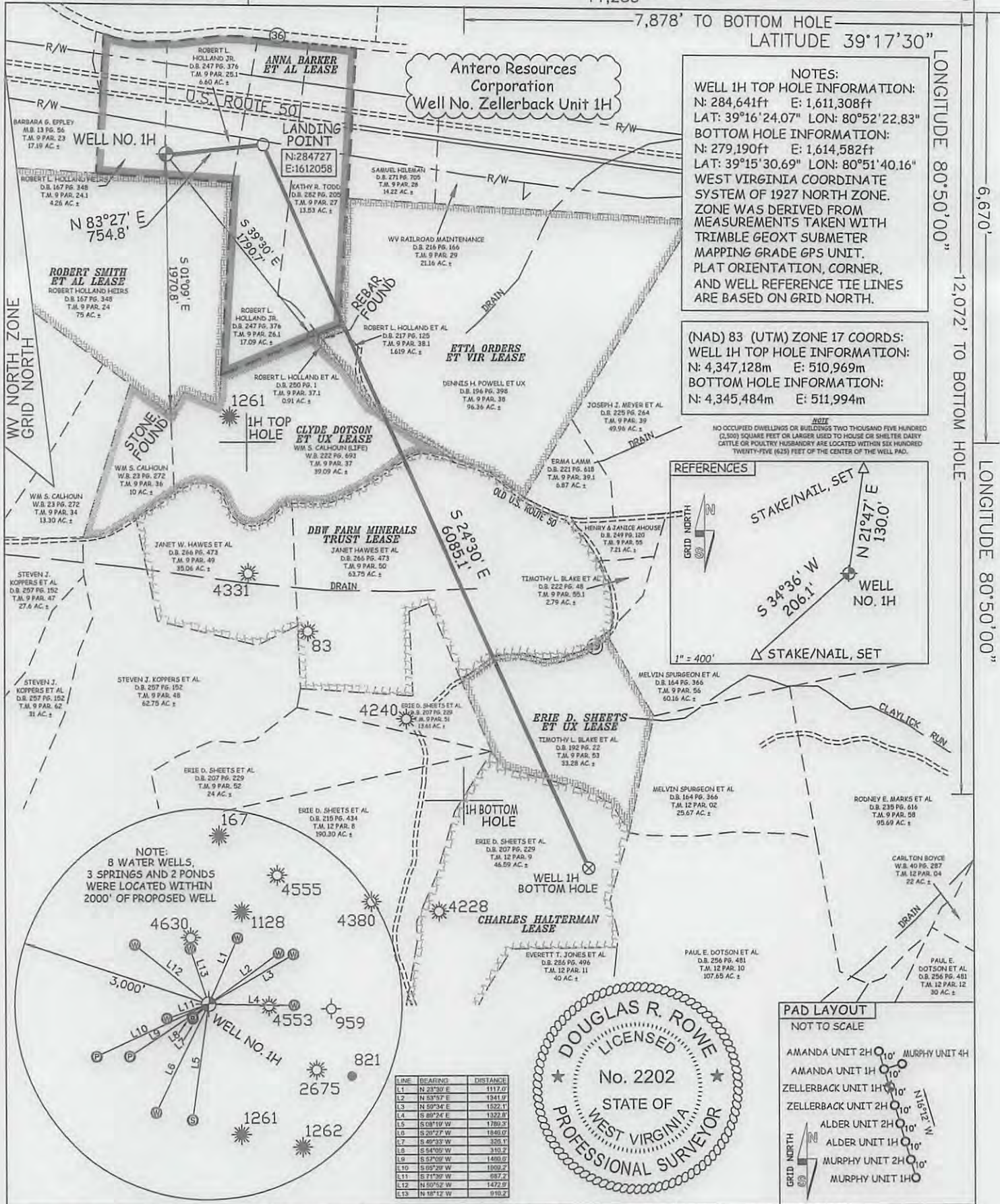
LATITUDE 39°17'30"

LONGITUDE 80°50'00"

6,670'

12,072' TO BOTTOM HOLE

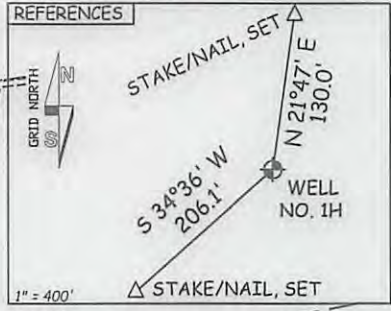
LONGITUDE 80°50'00"



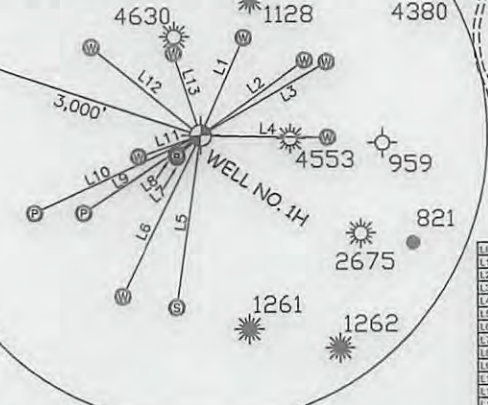
NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 284,641ft E: 1,611,308ft
 LAT: 39°16'24.07" LON: 80°52'22.83"
 BOTTOM HOLE INFORMATION:
 N: 279,190ft E: 1,614,582ft
 LAT: 39°15'30.69" LON: 80°51'40.16"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,347,128m E: 510,969m
 BOTTOM HOLE INFORMATION:
 N: 4,345,484m E: 511,994m

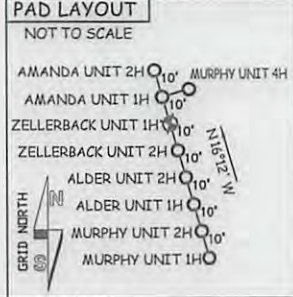
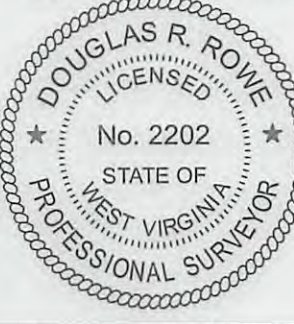
NOTE:
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



NOTE:
 8 WATER WELLS,
 3 SPRINGS AND 2 PONDS
 WERE LOCATED WITHIN
 2000' OF PROPOSED WELL



LINE	BEARING	DISTANCE
L1	N 23°30' E	1117.0'
L2	N 53°57' E	1341.0'
L3	N 59°34' E	1622.1'
L4	S 89°24' E	1322.0'
L5	S 03°10' W	1780.5'
L6	S 20°27' W	1840.0'
L7	S 49°33' W	326.1'
L8	S 54°09' W	310.2'
L9	S 67°09' W	1460.0'
L10	S 95°29' W	1069.2'
L11	S 71°30' W	867.2'
L12	N 50°52' W	1472.9'
L13	N 18°12' W	910.2'



JOB # 13-061WA
 DRAWING # ZELLERBACK1H
 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 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 11/21/13
 OPERATOR'S WELL# ZELLERBACK UNIT #1H

API WELL # 47 - 017 - 06430
 STATE COUNTY PERMIT

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 989' WATERSHED WILHELM RUN
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER ROBERT L. HOLLAND JR.
 OIL & GAS ROYALTY OWNER ANNA BARKER ET AL; ETTA ORDERS ET VIR; CLYDE DOTSON ET UX;
 DBW FARM MINERALS TRUST; ERIE D. SHEETS ET UX; CHARLES HALTERMAN

ACREAGE 6.60 ACRES +/-
 LEASE ACREAGE 127 ACRES+; 100 ACRES+; 50 ACRES+;
 98 ACRES+; 32.7 ACRES+; 47.17 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 6,600' TVD 13,400' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25310

DATE 11/21/13

OPERATOR'S WELL# ZELLERBACK UNIT #1H

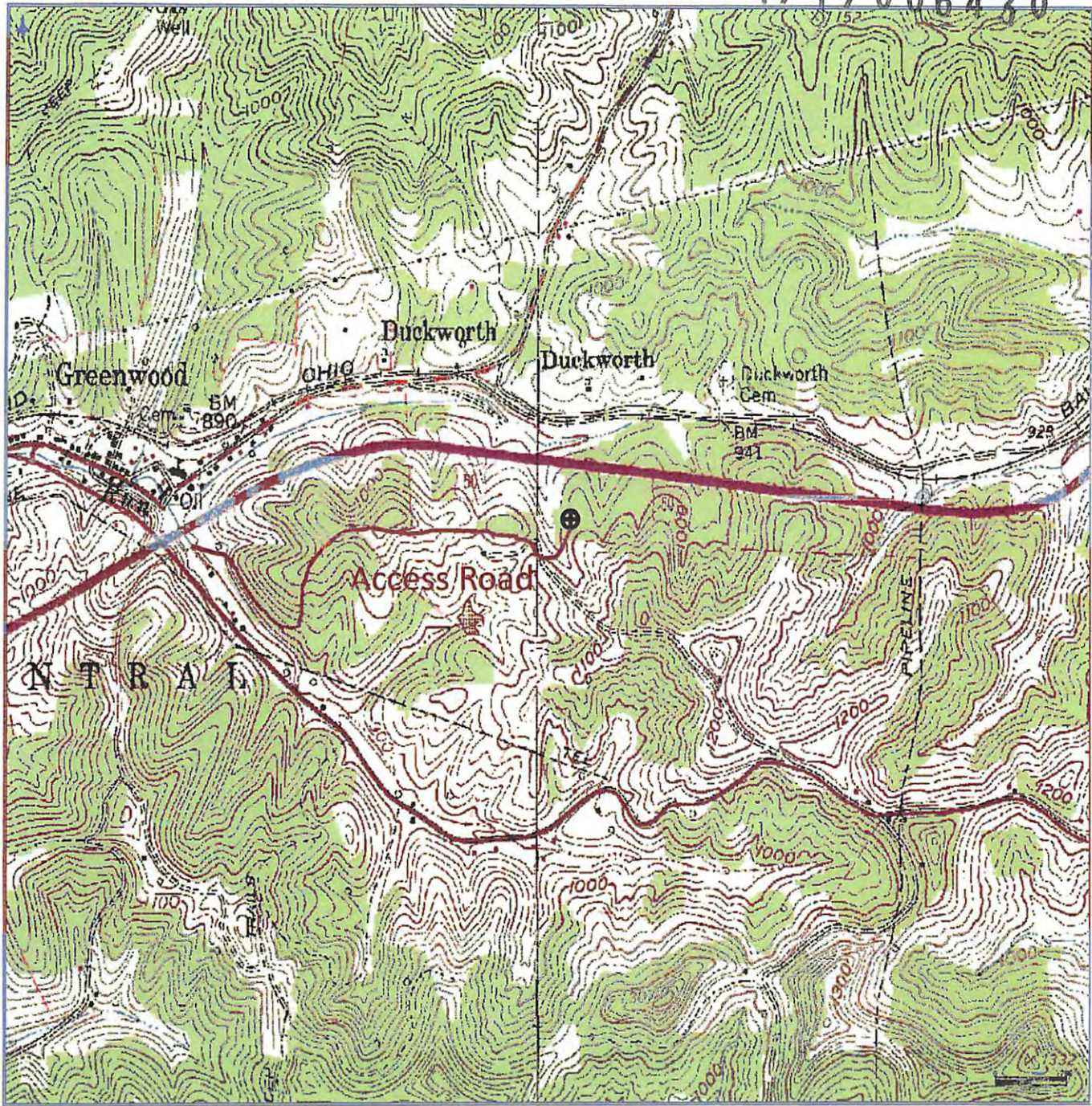
API WELL # 47 - 017 - 06430

STATE COUNTY PERMIT

DIANNA STAMPER
 CT CORPORATION SYSTEM
 CHARLESTON, WV 25310

Plat spotted

47 170 064 30



**Antero Resources
Corporation**
Appalachian Basin
Zellerback Unit 1H
Doddridge County

Quadrangle: West Union
Watershed: Dotson Run
District: Central
Date: 10-17-2013

DCM
1-9-2014
MAG