

LATITUDE 39°17'30" 2,202'

10,210' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 80°50'00"

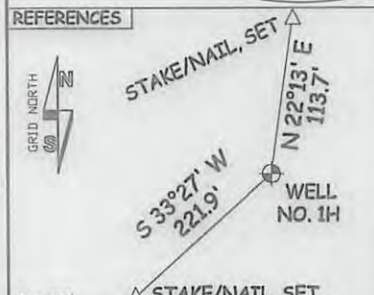
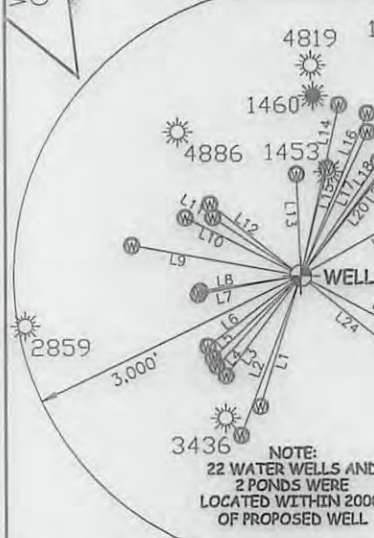
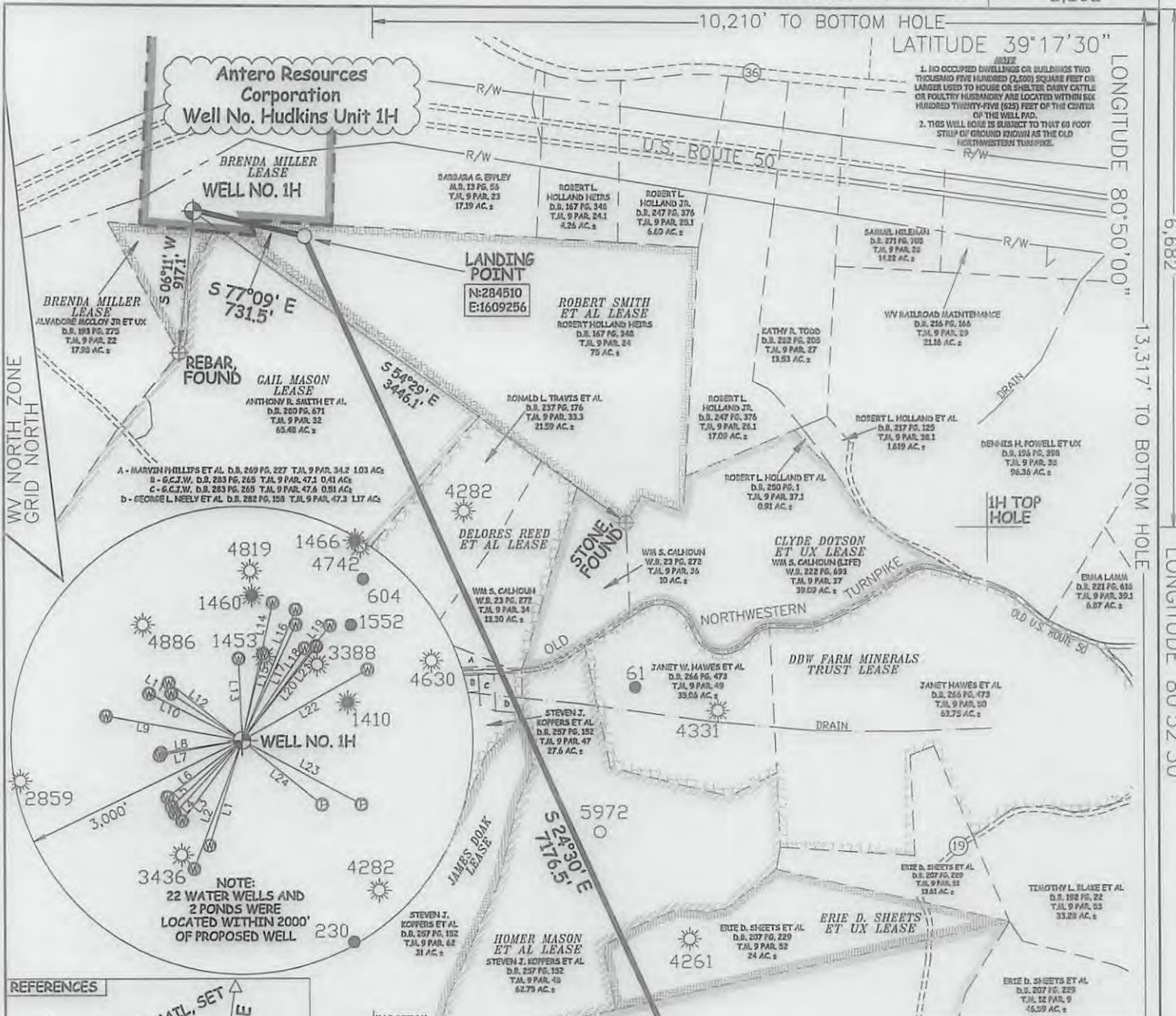
6,682'

13,317' TO BOTTOM HOLE

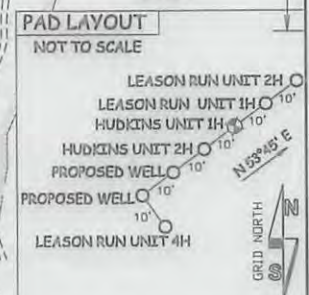
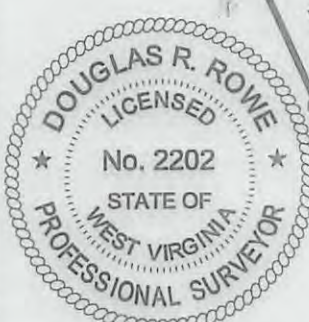
LONGITUDE 80°52'30"

Antero Resources Corporation Well No. Hudkins Unit 1H

1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHED FOR CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
2. THIS WELL PAD IS SUBJECT TO THAT 60 FOOT STRIP OF GROUND KNOWN AS THE OLD NORTHWESTERN TURNPIKE.



LINE	BEARING	DISTANCE
L1	S 17°52' W	1415.04'
L2	S 21°05' W	1763.00'
L3	S 37°35' W	1298.22'
L4	S 43°42' W	1284.40'
L5	S 47°44' W	1253.61'
L6	S 53°31' W	1220.25'
L7	S 79°51' W	1098.01'
L8	S 81°12' W	1071.07'
L9	N 80°07' W	1797.94'
L10	N 63°58' W	1351.70'
L11	N 57°20' W	1100.65'
L12	N 52°31' W	1206.59'
L13	N 02°46' W	1043.78'
L14	N 12°31' E	1806.91'
L15	N 13°31' E	1135.82'
L16	N 22°21' E	1811.08'
L17	N 24°57' E	1634.43'
L18	N 34°27' E	1423.87'
L19	N 37°46' E	1856.43'
L20	N 38°31' E	1539.40'
L21	N 39°46' E	1535.36'
L22	N 61°02' E	1854.94'
L23	S 62°08' E	1749.53'
L24	N 51°44' W	1320.37'



NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 284,672ft E: 1,608,543ft
LAT: 39°16'23.96" LON: 80°52'58.00"
BOTTOM HOLE INFORMATION:
N: 277,979ft E: 1,612,232ft
LAT: 39°15'18.37" LON: 80°52'09.79"
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.

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

JOB # 13-089WA
DRAWING # HUDKINS1H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

DOUGLAS R. ROWE P.S. 2202

DATE 10/23/13 OPERATOR'S WELL# HUDKINS UNIT 1H

API WELL # 47 - 017 - 06415
STATE COUNTY PERMIT

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,347,124m E: 510,126m
BOTTOM HOLE INFORMATION:
N: 4,345,104m E: 511,284m

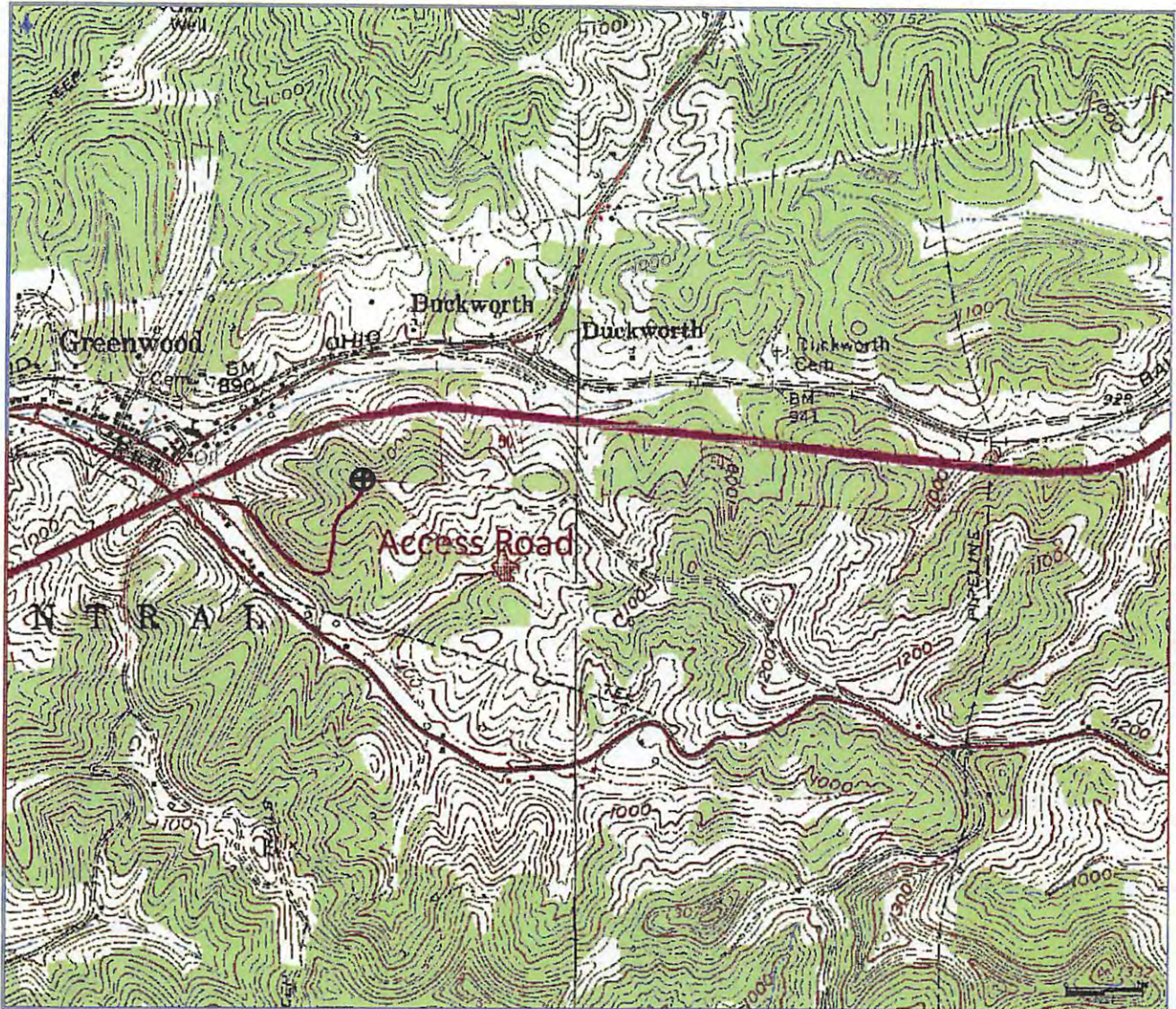
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,055' WATERSHED DOTSON RUN

QUADRANGLE PENNSBORO 7.5' (TOP HOLE) WEST UNION 7.5' (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER ALVADORE MCCLOY JR ET UX ACREAGE 17.98 ACRES +/-
OIL & GAS ROYALTY OWNER BRENDA MILLER; ROBERT SMITH ET AL; GAIL MASON; DELORES REED ET AL; LEASE ACREAGE 37.625 ACRES; 75 ACRES; 140,780 ACRES; 75.0 ACRES;
JAMES DOAK; HOMER MASON ET AL; ERIE D. SHEETS ET UX; ERIE D. SHEETS; CASSIE REESE 31 ACRES; 62 ACRES; 24 ACRES; 141 ACRES; 142 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 6,800' TVD 15,200' MD

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

01/24/2014



Antero Resources Corporation

Appalachian Basin

Hudkins Unit 1H

Doddridge County

Quadrangle: West Union

Watershed: Dotson Run

District: Central

Date: 10-17-2013

RECEIVED
Office of Oil and Gas

JAN 10 2014

WV Department of
Environmental Protection