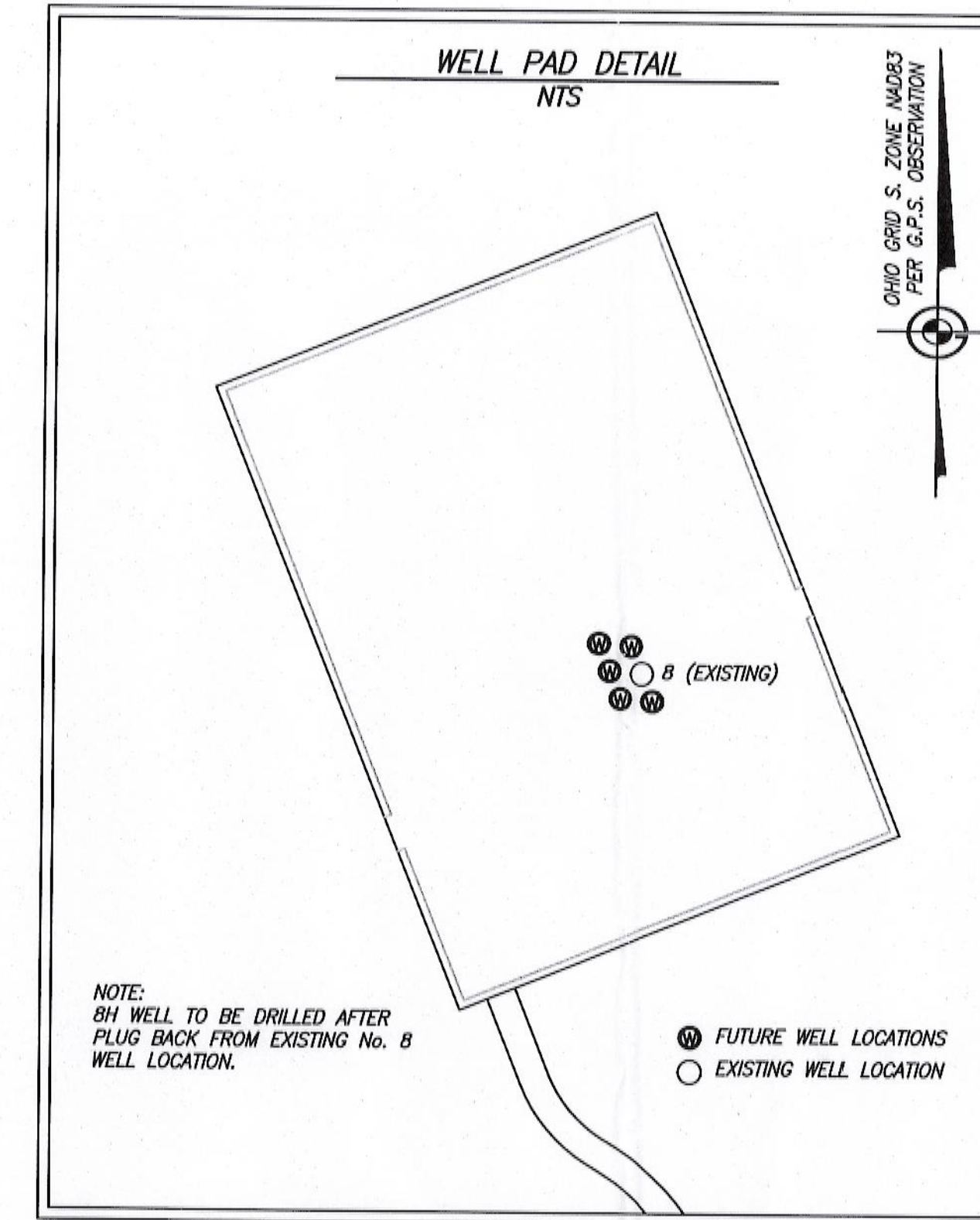
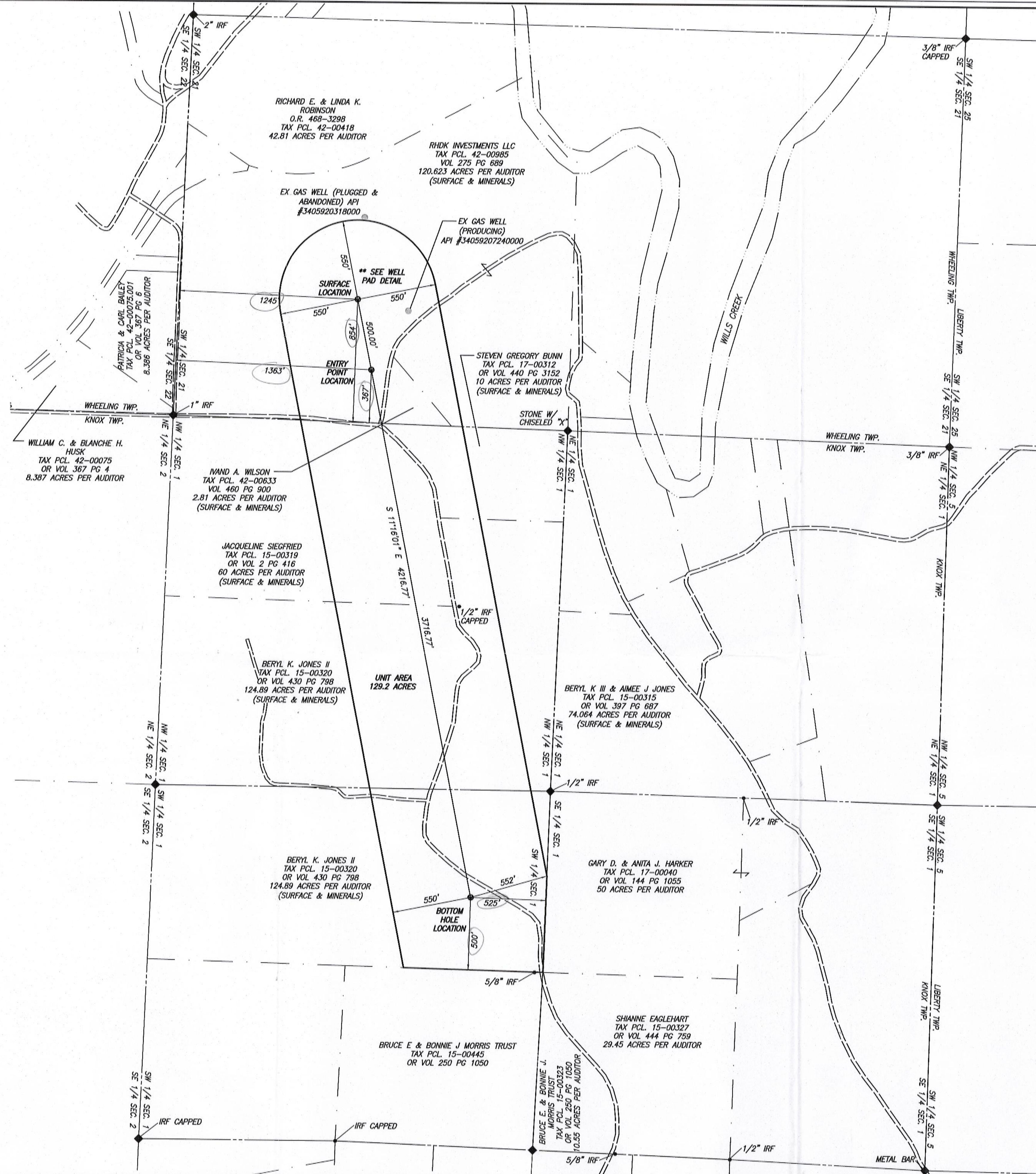
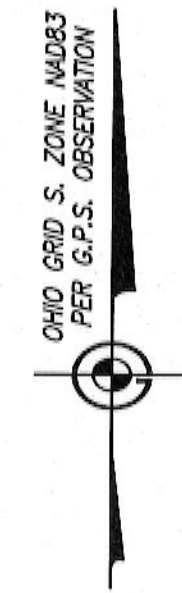




OPERATOR: CHESAPEAKE EXPLORATION LLC
ADDRESS: P.O. BOX 18496 OKC, OK 73154-0496
LANDOWNER: RHDK INVESTMENTS, LLC
MINERALS: RHDK INVESTMENTS, LLC
COAL: RHDK INVESTMENTS, LLC
LEASE NAME: RHDK INVESTMENTS 21-4-4
WELL NUMBER: 8H
COUNTY: GUERNSEY
MUNICIPALITY: WHEELING & LIBERTY TOWNSHIPS
U.S.G.S. QUAD: KIMBOLTON, OH PLAINFIELD, OH

U.S. MILITARY LANDS
TOWNSHIP & RANGE: T4N-R4W
QUARTER TOWNSHIP: N/A
SECTION: 21
LOT: N/A
TRACT: N/A
ALLOTMENT: N/A
FRACTION: N/A
ELEVATION: 803' NAVD 88
DATE: 08/22/2011
REVISIONS: -

SURFACE LOCATION
OHIO STATE PLANE GRID SOUTH N: 785110.07
COORDINATES NAD83 (2007) E: 2209415.04
LATITUDE: 40.152370 NAD83
LONGITUDE: 81.638180 NAD83
OHIO STATE PLANE GRID SOUTH N: 785068.37
COORDINATES NAD27 E: 2240878.37
LATITUDE: 40.152298 NAD27
LONGITUDE: 81.638335 NAD27

ENTRY POINT LOCATION
OHIO STATE PLANE GRID SOUTH N: 784619.71
COORDINATES NAD83 (2007) E: 2209512.73
LATITUDE: 40.1510212 NAD83
LONGITUDE: 81.6378475 NAD83
OHIO STATE PLANE GRID SOUTH N: 784578.01
COORDINATES NAD27 E: 2240976.06
LATITUDE: 40.1509498 NAD27
LONGITUDE: 81.6380023 NAD27

BOTTOM HOLE LOCATION
OHIO STATE PLANE GRID SOUTH N: 780974.57
COORDINATES NAD83 (2007) E: 2210238.92
LATITUDE: 40.1409969 NAD83
LONGITUDE: 81.6353748 NAD83
OHIO STATE PLANE GRID SOUTH N: 780932.92
COORDINATES NAD27 E: 2241702.27
LATITUDE: 40.1409254 NAD27
LONGITUDE: 81.6355296 NAD27

THE DISTANCES SHOWN ON THIS PLAT ARE BASED ON OHIO STATE PLANE GRID SOUTH ZONE NAD83 COORDINATES WHICH HAVE A COMBINED SCALE FACTOR OF 0.9999926 AT THE WELL SURFACE LOCATION.

SURF: 854' SL & 1245' WL OF SW 1/4 SECT 21 (WHEELING TWP)
TARG: 500' SL & 525' EL OF NE 1/4 OF SW 1/4 SECT 1 (KNOX TWP)
129.2 AC UTCA/TETA - EDPAW-RT

NOTES:

1. THE DRILLING UNIT BOUNDARY SHOWN IS INTENDED TO COMPLY WITH DIVISION OF MINERAL RESOURCE MANAGEMENT SURVEY PLAT REQUIREMENTS IN ORDER TO IDENTIFY THE SETBACK DISTANCE. THE UNIT BOUNDARY SHOWN IS NOT INTENDED TO INDICATE A UNIT FOR PRODUCTION PURPOSES.

2. UNLESS OTHERWISE INDICATED, MINERAL RIGHTS FOR PROPERTIES THAT ARE CONTAINED WITHIN THE SETBACK DISTANCE BOUNDARIES ARE ASSUMED TO BE HELD IN FEE SIMPLE IN ORDER TO SATISFY DIVISION OF MINERAL RESOURCE MANAGEMENT REQUIREMENTS FOR THE WELL PERMIT APPLICATION AND SURVEY PLAT.

3. THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A BOUNDARY SURVEY ON ANY OF THE PARCELS SHOWN. PROPERTY CORNERS AND LINES PERTINENT TO WELL LOCATION ARE BASED ON A FIELD SURVEY. THE REMAINDER OF THE PROPERTY LINES ARE BASED ON COUNTY AUDITOR TAX MAPS & GIS INFORMATION AND DEEDS OF RECORD.

LEGEND	
	= PROPOSED WELL
	= IRON ROD FOUND
	= SECTION CORNER & 1/4 SECTION CORNER
	= UNIT LINE
	= SECTION LINE
	= PROPERTY LINE
WELL TYPE	
OIL OR GAS: _____	NEW LOCATION: ☒ OTHER: _____

P#34-059-Z-483-01-00



GREENWAY ENGINEERING, INC.

151 Windy Hill Lane
Winchester, Virginia 22602
Telephone 540-662-4185
FAX 540-722-9528
www.greenwayeng.com

RECEIVED

AUG 23 2011

Division of Mineral
Resources Management



I HEREBY CERTIFY, REGARDING THE SURFACE HOLE LOCATION, THAT OIL DRILLING OR PRODUCING WITHIN 1000 FEET AND ALL BUILDINGS AND STREAMS WITHIN 200 FEET HAVE BEEN SHOWN, THAT THERE ARE NO UNIT BOUNDARIES CLOSER THAN 500 FEET AND THAT THIS PLAT IS TRUE AND CORRECT AND WAS PREPARED ACCORDING TO THE CURRENT STATE OF OHIO, DEPARTMENT OF NATURAL RESOURCES, DIVISION OF MINERAL RESOURCE MANAGEMENT SPECIFICATIONS.

Robert W. Safford
ROBERT W. SAFFORD, I.R.S. S-5483

August 22, 2011
DATE

RHDK INVESTMENTS 21-4-4 8H WELL SURVEY PLAT

WHEELING TOWNSHIP, GUERNSEY COUNTY, OHIO

DATE: 08/22/2011
SCALE: 1" = 400'
DRAFTED BY: ESH/KMM
FILE NO. GY-2
SHEET 1 OF 1