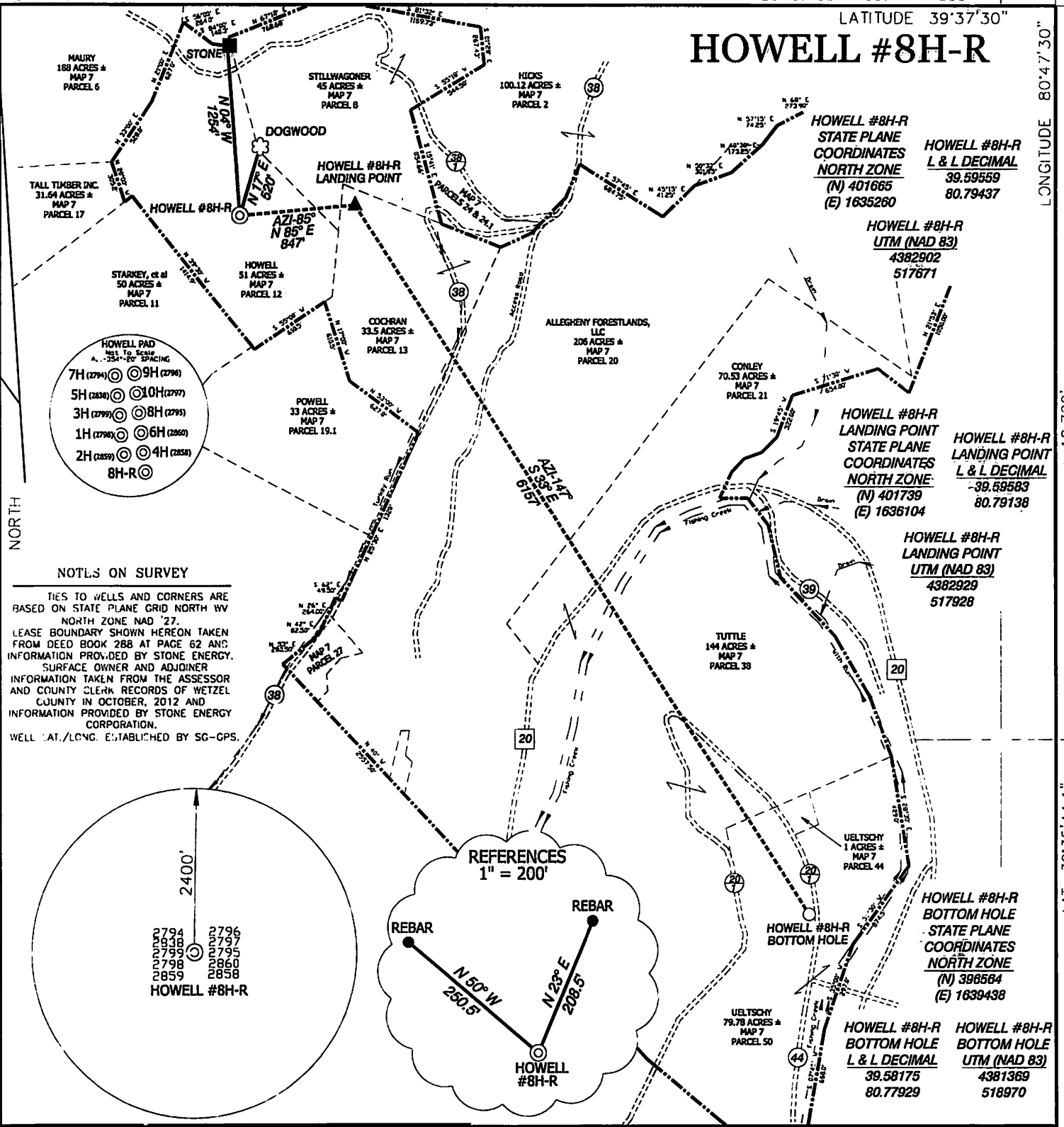


HOWELL #8H-R



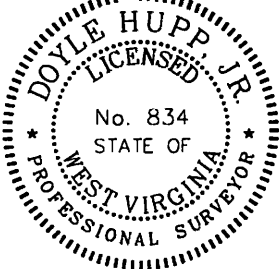
NORTH

LONGITUDE 80°47'30"

LAT. 39°35'44.1" — 10,720

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 834
HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 EMAIL: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MAY 30, 20 13
 OPERATORS WELL NO. HOWELL #8H-R

API WELL NO. 47-103-02920
 STATE WV COUNTY WV

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2208 (BK 64-54)
 PROVEN SOURCE OF ELEVATION SG-GPS(OPUS) SCALE 1" = 1000'

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

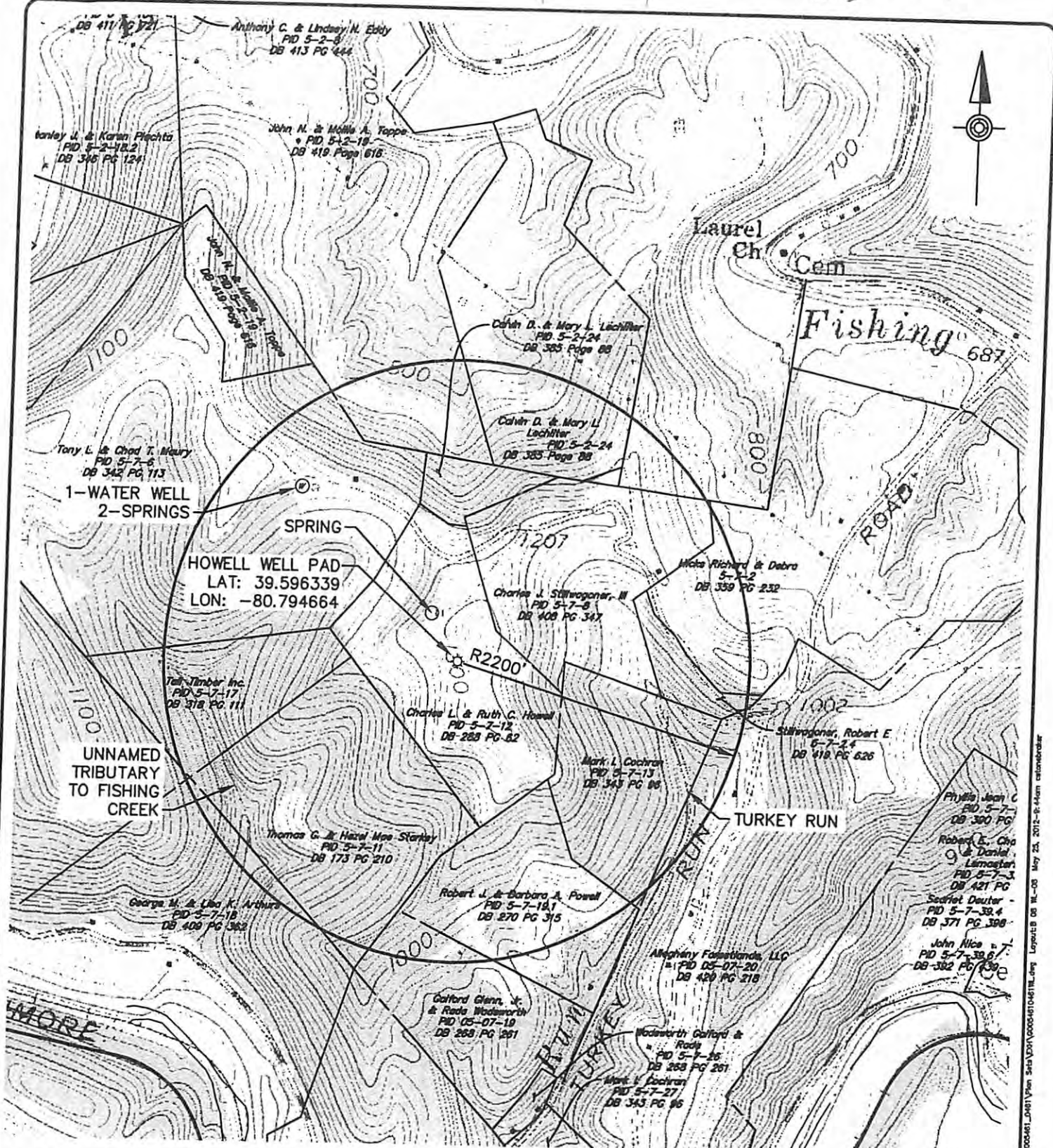
LOCATION :
 ELEVATION 1342' WATERSHED FISHING CREEK
 DISTRICT GREEN COUNTY WETZEL QUADRANGLE PORTERS FALLS 7.5'
 SURFACE OWNER CHARLES & RUTH HOWELL ACREAGE 51±
 ROYALTY OWNER CHARLES & RUTH HOWELL, et al LEASE ACREAGE 629.81±
 PROPOSED WORK : LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH TVD 6,930' MD 13,500'

WELL OPERATOR STONE ENERGY CORPORATION DESIGNATED AGENT TIM MCGREGOR
 ADDRESS P.O. BOX 52807 LAFAYETTE, LA 70308 ADDRESS 6000 HAMPTON CENTER SUITE B MORRISTOWN, NJ 26505

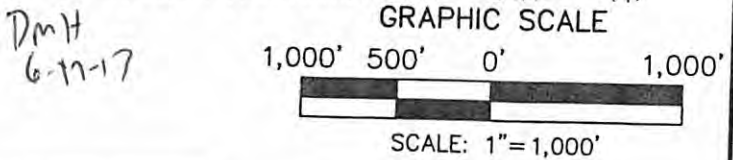
COUNTY NAME PERMIT

08/30/2013

Plot spotted 103-02920



NOTES:
 1. USGS TOPOGRAPHIC MAP: PORTERS FALLS 7.5' USGS QUADRANGLES
 2. ALL COORDINATES SHOWN ARE IN WV STATE PLANE-NORTH (NAD 83) WV83-NF



HRG
 Herbert, Rowland & Grubic, Inc.
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 Morgantown, WV 26508
 (304) 284-9222
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 www.hrg-inc.com

WATER / WELL LOCATION MAP
 FOR
 HOWELL WELL PAD SURFACE HOLE 8H

GREEN DISTRICT WETZEL COUNTY WEST VIRGINIA

PROJ. MGR. - THK	DRAWING NO.
DESIGN - MAN	WL-08
CADD - MAN	SHEET NO.
CHECKED - RJW	8 OF 10
SCALE - 1" = 2000'	PROJECT P005461.0461
DATE - MAY 2011	

File Name: C:\CH01\Proj\005461_0461\Plan_Site\DWG\005461.0461.dwg Layer: 0 DB NL -08 May 25, 2011 9:48 AM rstonebraker