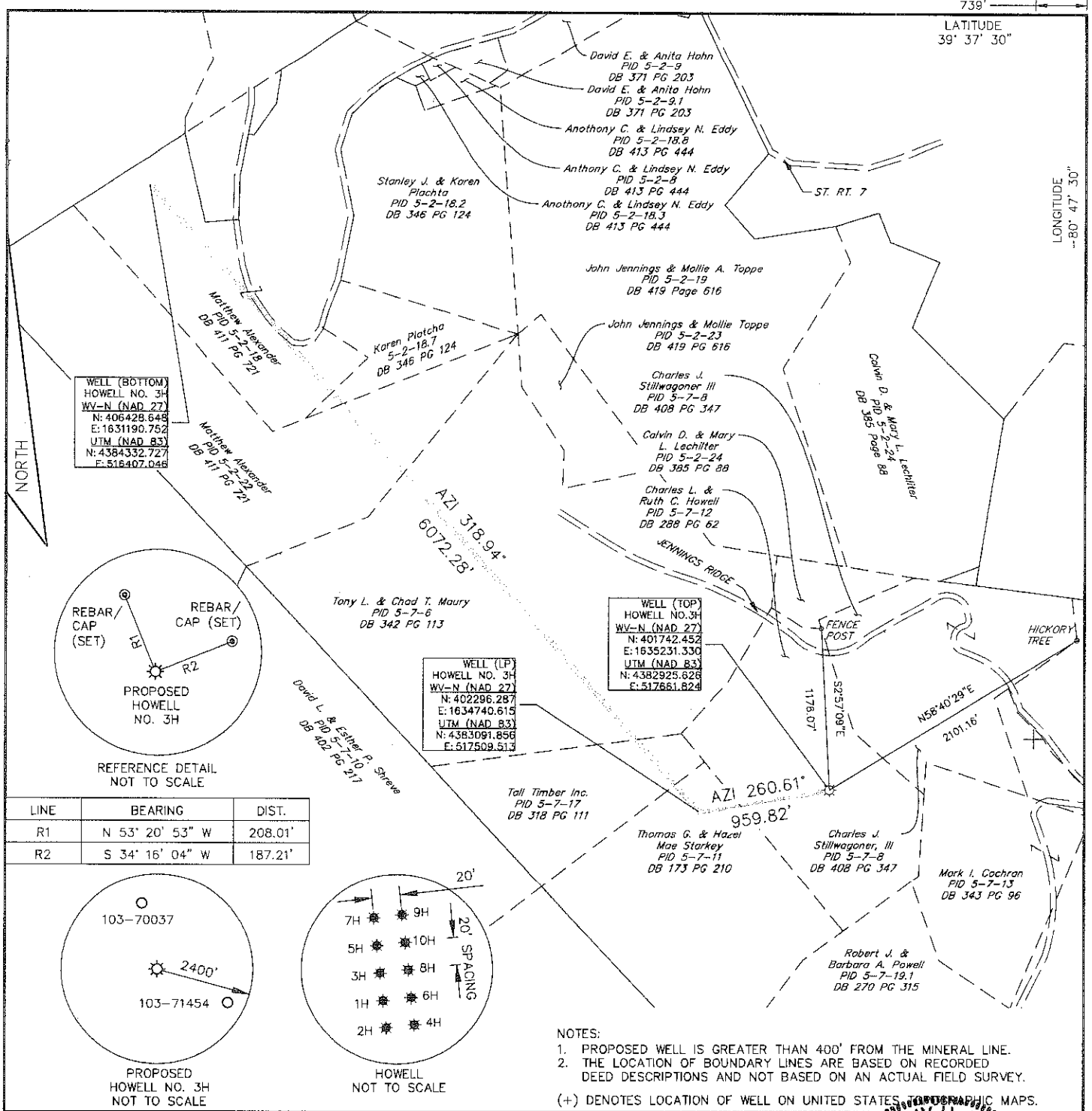


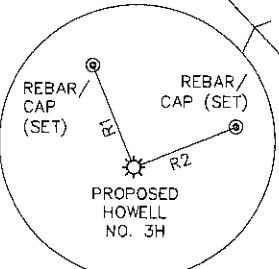
739'
 LATITUDE
 39° 37' 30"
 LONGITUDE
 -80° 47' 30"



WELL (BOTTOM)
 HOWELL NO. 3H
 WV-N (NAD 27)
 N: 406428.648
 E: 1631190.752
 UTM (NAD 83)
 N: 4384332.727
 E: 516407.046

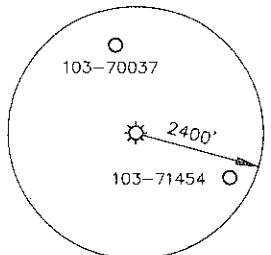
WELL (TOP)
 HOWELL NO. 3H
 WV-N (NAD 27)
 N: 401742.452
 E: 1635231.330
 UTM (NAD 83)
 N: 4382925.626
 E: 517661.824

WELL (LP)
 HOWELL NO. 3H
 WV-N (NAD 27)
 N: 402286.287
 E: 1634740.615
 UTM (NAD 83)
 N: 4383091.856
 E: 517509.513

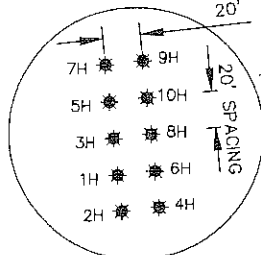


REFERENCE DETAIL
 NOT TO SCALE

LINE	BEARING	DIST.
R1	N 53° 20' 53" W	208.01'
R2	S 34° 16' 04" W	187.21'



PROPOSED
 HOWELL NO. 3H
 NOT TO SCALE



HOWELL
 NOT TO SCALE

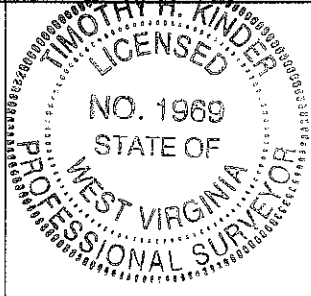
NOTES:
 1. PROPOSED WELL IS GREATER THAN 400' FROM THE MINERAL LINE.
 2. THE LOCATION OF BOUNDARY LINES ARE BASED ON RECORDED DEED DESCRIPTIONS AND NOT BASED ON AN ACTUAL FIELD SURVEY.
 (+) DENOTES LOCATION OF WELL ON UNITED STATES GEOGRAPHIC MAPS.



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 Morgantown, WV 26508
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 Fax (304) 284-9223
 hrg@hrg-inc.com
 www.hrg-inc.com

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) *[Signature]*
 R.P.E. _____ L.L.S. _____ 1969



PLACE SEAL HERE

FILE NO. R005461.0461
 DRAWING NO. WELL NO. 3H PLAT
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION GPS (SURVEY GRADE)

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



DATE MAY 30, 2012
 OPERATOR'S WELL NO. HOWELL NO. 3H
 API WELL NO. _____

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, WV
 SURFACE OWNER: CHARLES L. & RUTH C. HOWELL ACREAGE: ±51
 OIL & GAS ROYALTY OWNER: SEE TABLE ATTACHED LEASE ACREAGE: ±1780
 LEASE NO. _____
 PROPOSED WORK: 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) _____

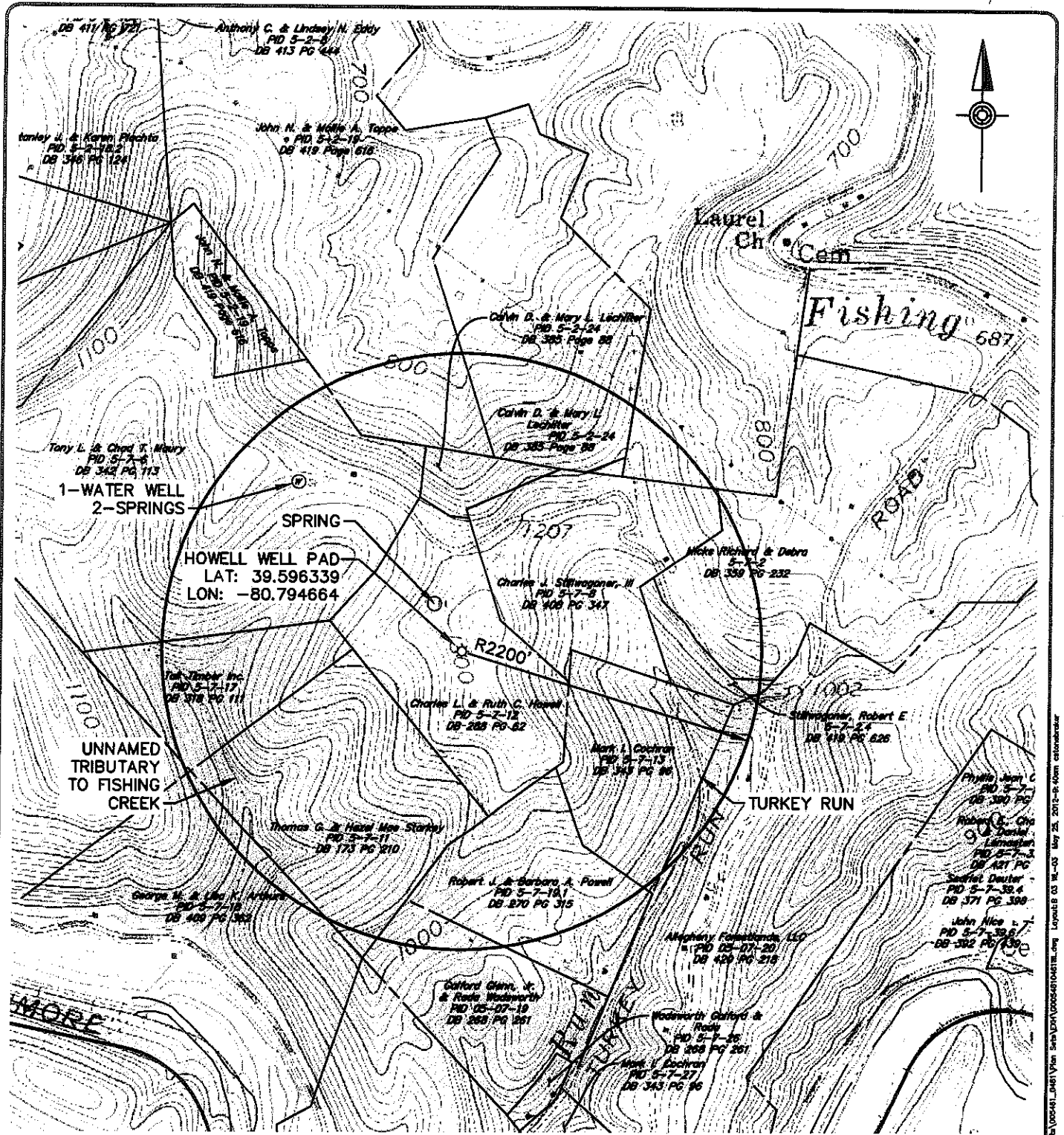
TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: TVD-6930' MD-13700'
 WELL OPERATOR: STONE ENERGY CORPORATION DESIGNATED AGENT: TIM MCGREGOR
 ADDRESS: P.O. BOX 52807 ADDRESS: 6000 HAMPTON CENTER, SUITE B
LAFAYETTE, LA 70508 MORGANTOWN, WV 26505

09/28/2012

WETZEL COUNTY PERMIT

File name: C:\Civil_3D\Projects\005461\0461\Plan Sets\Permit\0054610461_3H\PLAT.dwg Layout: PLAT_3H May 30, 2012 2:30pm cfahey FORM WW-6

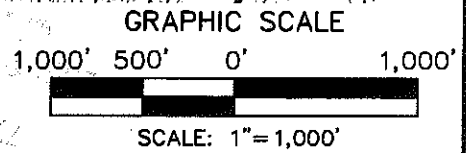
103-02799



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

Dmt
6-9-12 08 2012



File Name: G:\VIA 39 Projects\005481_0481\Plan Sets\DWG\005481\0481.dwg Layout: 03 W-03 May 25, 2011 9:40am c:\windows

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WATER / WELL LOCATION MAP
FOR
HOWELL WELL PAD SURFACE HOLE 3H
 GREEN DISTRICT WETZEL COUNTY WEST VIRGINIA

PROJ MGR. - THK
DESIGN - MAN
CADD - MAN
CHECKED - RMW
SCALE - 1" = 2000'
DATE - MAY 2011

DRAWING NO.
WL-03
SHEET NO.
3 OF 10
PROJECT 005481-0481

09/28/2012