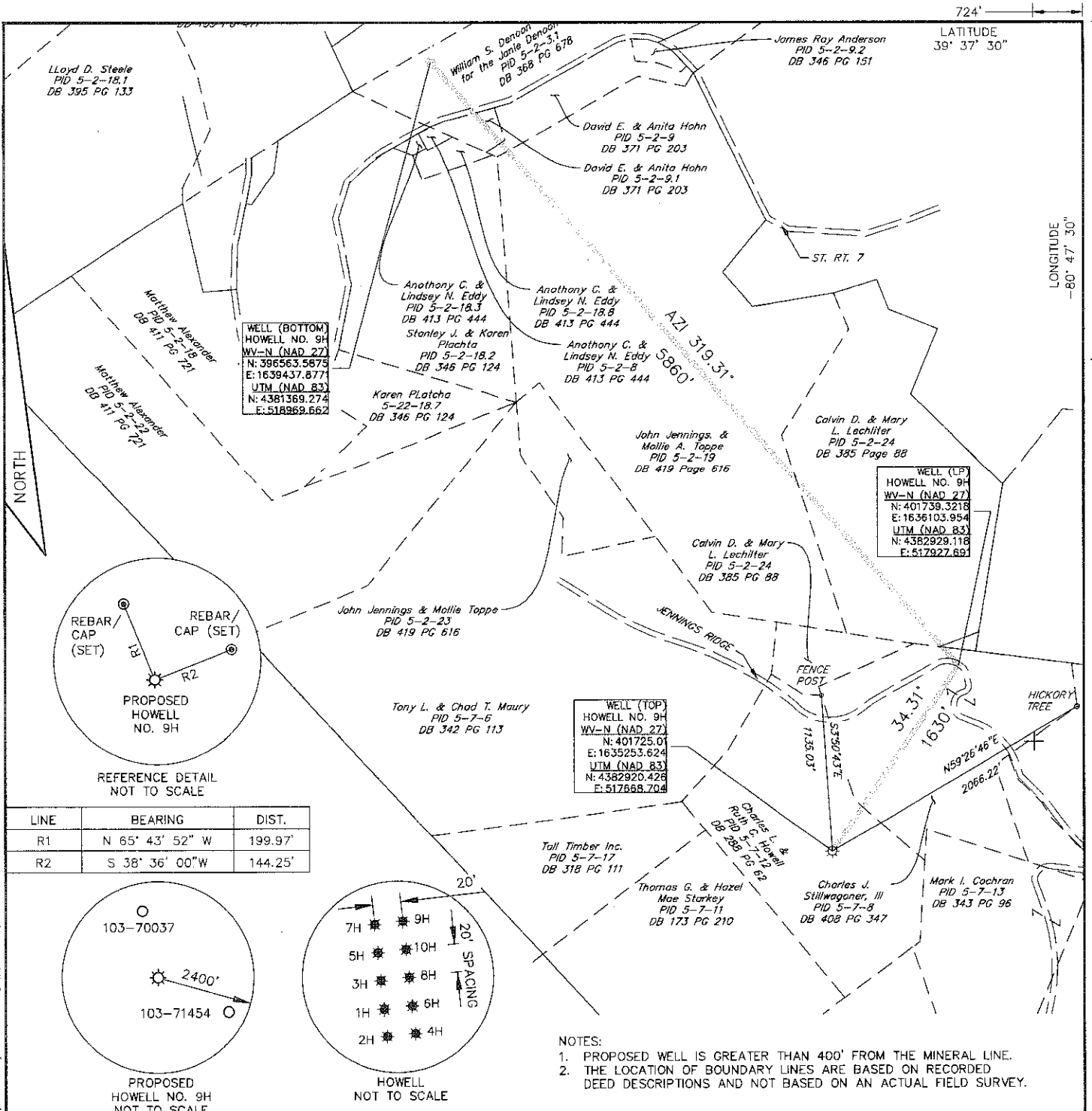


724'

LATITUDE 39° 37' 30"

LONGITUDE 80° 47' 30"

10.584'



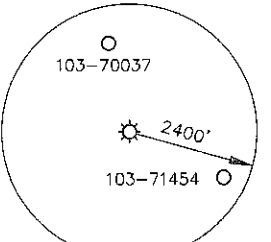
WELL (BOTTOM)
HOWELL NO. 9H
WV-N (NAD 27)
N: 396563.5873
E: 1639437.8771
UTM (NAD 83)
N: 4381369.274
E: 518289.662

WELL (LP)
HOWELL NO. 9H
WV-N (NAD 27)
N: 401739.3218
E: 1636103.954
UTM (NAD 83)
N: 4382929.118
E: 517927.691

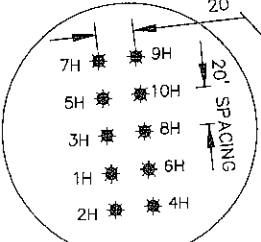
WELL (TOP)
HOWELL NO. 9H
WV-N (NAD 27)
N: 401725.01
E: 1635253.624
UTM (NAD 83)
N: 4382920.428
E: 517968.708

REFERENCE DETAIL NOT TO SCALE

LINE	BEARING	DIST.
R1	N 65° 43' 52" W	199.97'
R2	S 38° 36' 00" W	144.25'



PROPOSED HOWELL NO. 9H NOT TO SCALE



HOWELL NOT TO SCALE

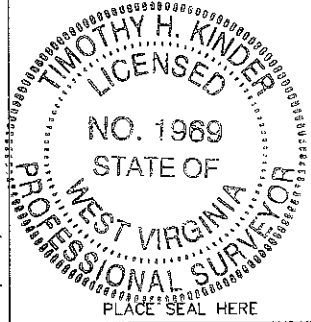
- NOTES:
1. PROPOSED WELL IS GREATER THAN 400' FROM THE MINERAL LINE.
 2. THE LOCATION OF BOUNDARY LINES ARE BASED ON RECORDED DEED DESCRIPTIONS AND NOT BASED ON AN ACTUAL FIELD SURVEY.



240 Scott Avenue, Suite 1
Morgantown, WV 26508
(304) 284-9222
Fax (304) 284-9223
hr@hr-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



FILE NO. R005461.0461
DRAWING NO. WELL NO. 9H 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. 9H
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
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 X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___
CLEAN OUT AND REPLUG ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

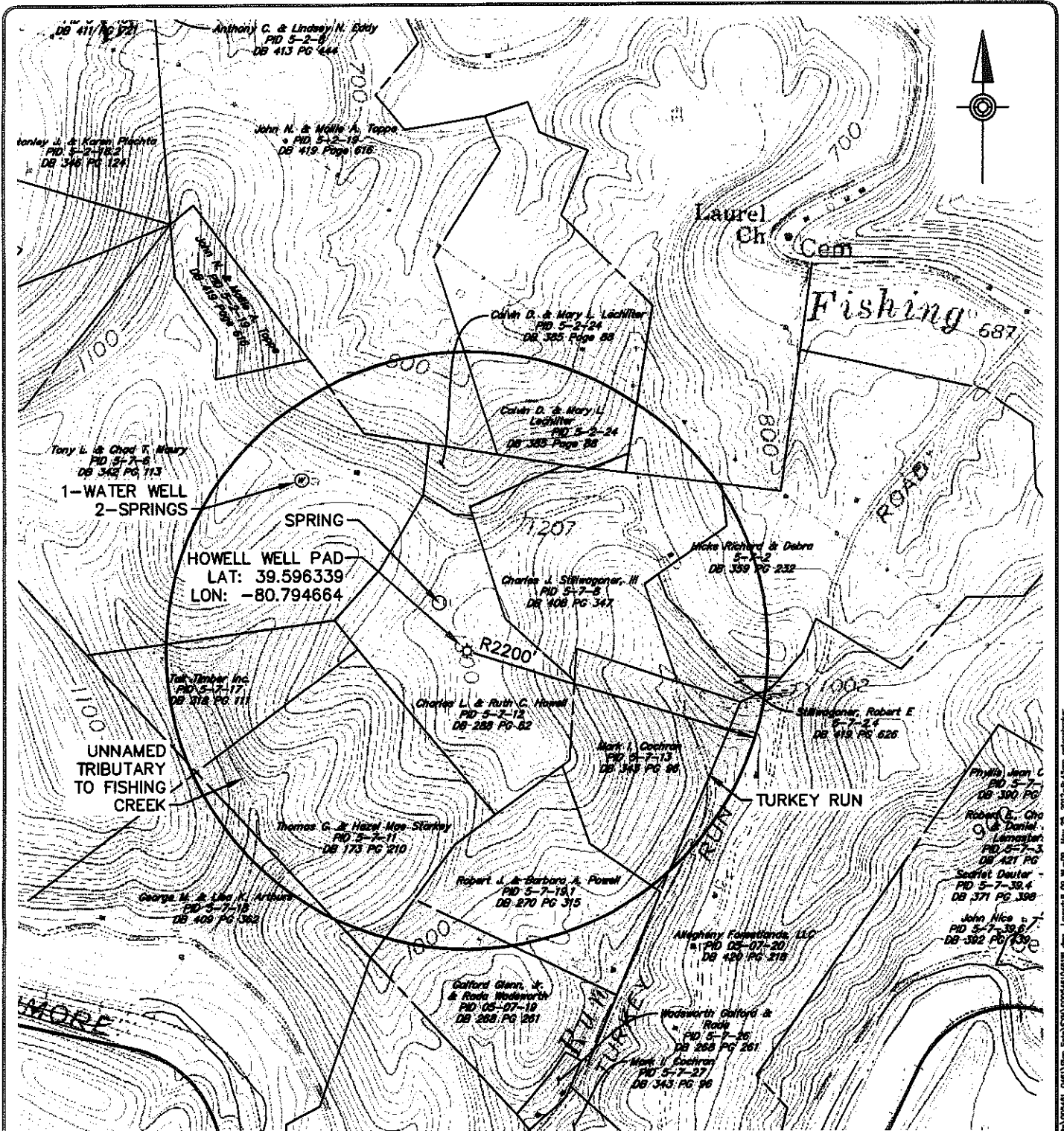
TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: TVD-6930' MD-13800'
WELL OPERATOR: STONE ENERGY CORPORATION DESIGNATED AGENT: TIM MCGREGOR
ADDRESS: P.O. BOX 52807 ADDRESS: 6000 HAMPTON CENTER, SUITE B
LAFAYETTE, LA 70508 MORGANTOWN, WV 26505

09/28/2012

File name: C:\Civil_3D\Projects\005461_0461\Plan Sets\Permit\0054610461_9HPLAT.dwg Layout: PLAT 9H May 30, 2012 - 2:30pm cfohey FORM WW-6

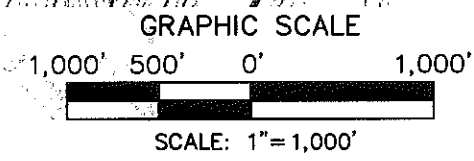
WETZEL COUNTY PERMIT

103-02796



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

DM17
6-5-12



File name: C:\chp_30_projects\1005-01.dwg User: swh Date: 05/28/2012 10:45:00 AM

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WATER / WELL LOCATION MAP
 FOR
HOWELL WELL PAD SURFACE HOLE 9H

GREEN DISTRICT WETZEL COUNTY WEST VIRGINIA

PROJ. MGR. - TRK
DESIGN - MAN
CADD - MAN
CHECKED - RMW
SCALE - 1" = 2000'
DATE - MAY 2012

DRAWING NO. WL-09
SHEET NO. 9 OF 10
PROJECT P00481.0461

05/28/2012