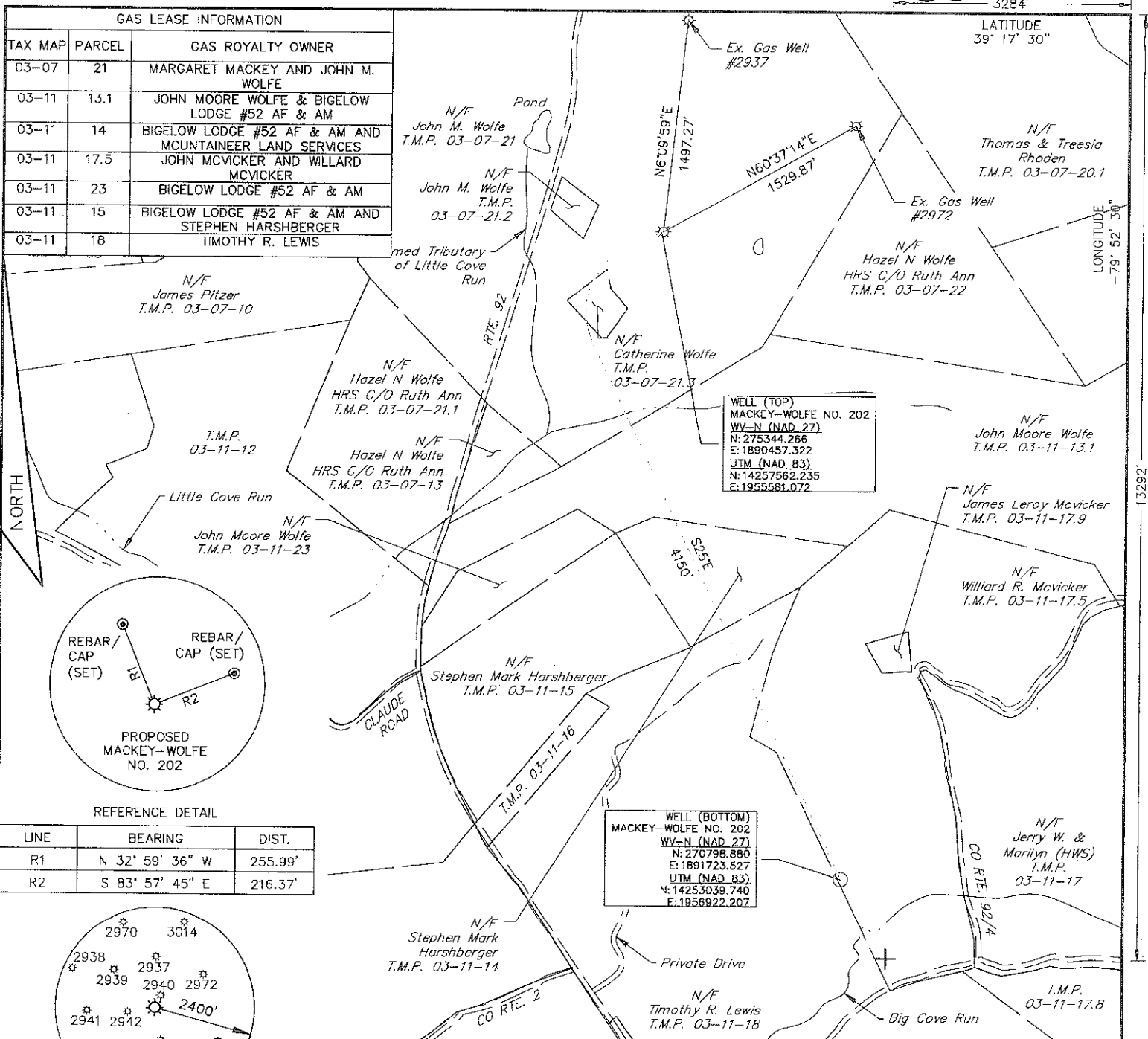


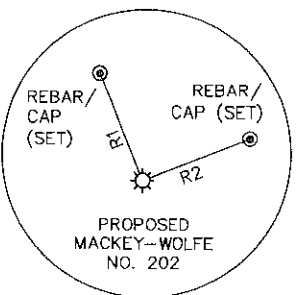
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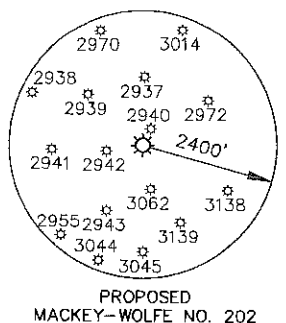
GAS LEASE INFORMATION		
TAX MAP	PARCEL	GAS ROYALTY OWNER
03-07	21	MARGARET MACKEY AND JOHN M. WOLFE
03-11	13.1	JOHN MOORE WOLFE & BIGELOW LODGE #52 AF & AM
03-11	14	BIGELOW LODGE #52 AF & AM AND MOUNTAINEER LAND SERVICES
03-11	17.5	JOHN MCVICKER AND WILLARD MCVICKER
03-11	23	BIGELOW LODGE #52 AF & AM
03-11	15	BIGELOW LODGE #52 AF & AM AND STEPHEN HARSHBERGER
03-11	18	TIMOTHY R. LEWIS

WELL (TOP)
 MACKEY-WOLFE NO. 202
 WV-N (NAD 27)
 N: 275344.266
 E: 1890457.322
 UTM (NAD 83)
 N: 14257562.235
 E: 1955581.072

WELL (BOTTOM)
 MACKEY-WOLFE NO. 202
 WV-N (NAD 27)
 N: 270798.880
 E: 1891723.527
 UTM (NAD 83)
 N: 14253039.740
 E: 1955922.207



LINE	BEARING	DIST.
R1	N 32° 59' 36" W	255.99'
R2	S 83° 57' 45" E	216.37'



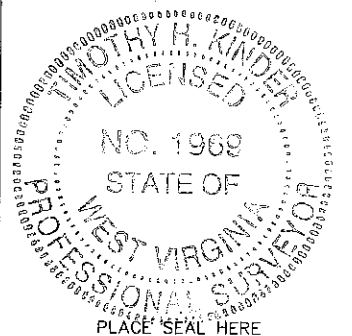
- NOTES:
1. THERE IS ONE DWELLING WITHIN 625' OF PROPOSED WELL.
 2. PROPOSED WELL IS GREATER THAN 100' FROM THE MINERAL LINE.
 3. THE LOCATION OF BOUNDARY LINES ARE BASED ON RECORDED DEED DESCRIPTIONS AND NOT BASED ON AN ACTUAL FIELD SURVEY.
- (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.



240 Scott Avenue, Suite 1
 Morgantown, WV 26508
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 Fax (304) 284-9223
 hrg@hr-g-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) Timothy H. Kinder
 R.P.E. _____ L.L.S. 1969



FILE NO. R006198.0427
 DRAWING NO. WELL NO. 202 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 JANUARY 2012
 OPERATOR'S WELL NO. MACKEY-WOLFE NO. 202
 API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1,624 WATERSHED: LITTLE COVE RUN
 DISTRICT: COVE COUNTY: BARBOUR
 QUADRANGLE: THORNTON, WV
 SURFACE OWNER: MARGARET MACKEY & JOHN M. WOLFE ACREAGE: ±229
 OIL & GAS ROYALTY OWNER: SEE TABLE ABOVE LEASE ACREAGE: ±785.06
 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) _____

47 - 01 - 3266 H6A
 STATE COUNTY PERMIT

TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,795
 WELL OPERATOR: MOUNTAINEER-KEYSTONE LLC DESIGNATED AGENT: JOHN NOCK
 ADDRESS: 1111 VAN VOORHIS RD., SUITE G ADDRESS: 1111 VAN VOORHIS RD., SUITE G
 MORGANTOWN, WV 26505 MORGANTOWN, WV 26505

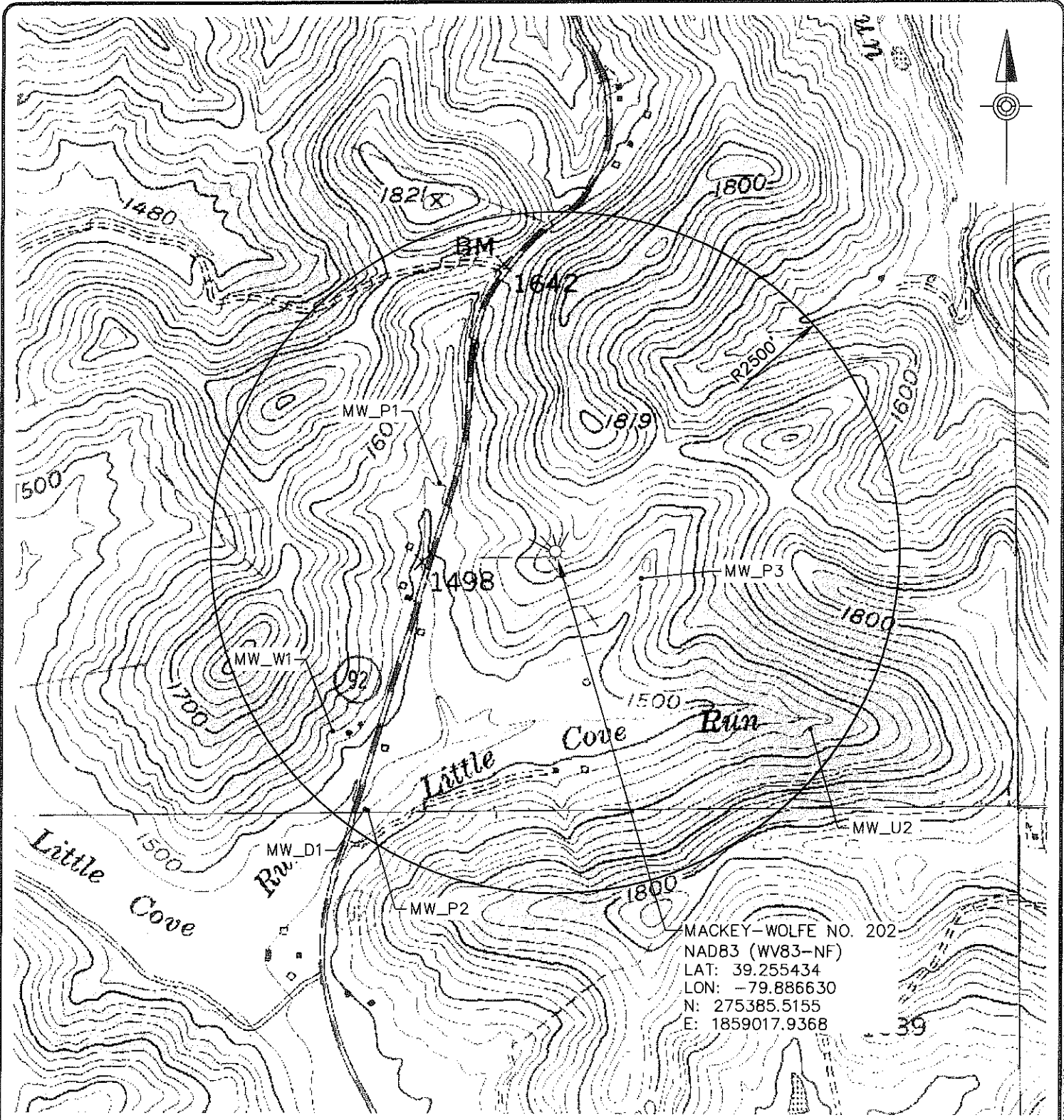
07/06/2012

BARBOUR COUNTY PERMIT

FORM IWW-6

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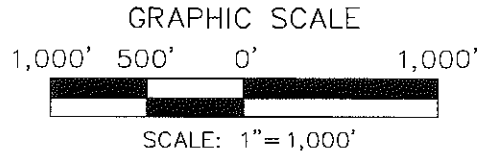
1-3266



MACKEY-WOLFE NO. 202
 NAD83 (WV83-NF)
 LAT: 39.255434
 LON: -79.886630
 N: 275385.5155
 E: 1859017.9368

NOTES:

1. USGS TOPOGRAPHIC MAP:
 FELLOWSVILLE, WV 7.5' USGS QUADRANGLE
2. ALL COORDINATES SHOWN ARE IN WV STATE
 PLANE-NORTH (NAD 83) WV83-NF



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 Engineering & Related Services

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 www.hrq-inc.com

**MACKEY-WOLFE NO. 201 WELL PAD
 WATER SOURCE LOCATION MAP PLAN
 FOR
 MOUNTAINEER KEYSTONE, LLC**

COVE DISTRICT BARBOUR COUNTY WEST VIRGINIA

PROJ. MGR. - THK
DESIGN - RMW
CADD - CES
CHECKED - RMW
SCALE - 1" = 1000'
DATE - NOV. 2011

DRAWING NO.
LM-03
 PROJECT 006198.0427

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07/06/2012