

- A- Nicholson 7.75 Ac. TM. 38-38
- B- Southern Ohio Coal Co. 14 Ac. TM. 38-26
- C- Malone 4.16 Ac. TM. 38-26.1
- D- Knox 0.78 Ac. TM. 38-34.1
- E- Knox 15.784 Ac. TM. 38-34
- F- Southern Ohio Coal Co. 4.88 Ac. TM. 38-35
- G- Southern Ohio Coal Co. 1.74 Ac. TM. 37-151.2

Top Hole
 NAD 27-39.534941 N, 80.068440 W
 UTM NAD 83-14358783.9 N, 1903121.9 E
 State Plane NAD 27-377454.5 N. 1839675.2 E

Bottom Hole
 NAD 27-39.523382 N, 80.058235 W
 UTM NAD 83-14354605 N, 1906043 E
 State Plane NAD 27-373226 N. 1842527 E

L1 S58°34'W 2223'
 L2 S64°13'E 1759'

Note: Location is at least 400' from all lease lines.

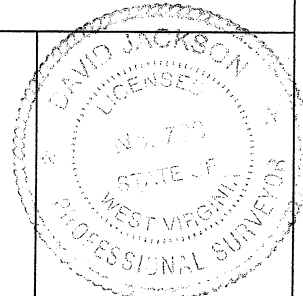
Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

- H- Southern Ohio Coal Co. 1.1 Ac. TM. 37-151.1
- I- Stoller 26.91 Ac. TM.37-151
- J- Slusser 3.0 Ac. TM. 35-14
- K- Hart 150.02 Ac. TM. 36-9
- L- Saurborn 2.265 Ac. TM. 35-14.1

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION GPS
submeter unit

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 ENERGY.
 (SIGNED) David Jackson
 R.P.E. _____ L.L.S. 708



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE July 28, 2011
 OPERATOR'S WELL NO. Wesbanco Bank MRN 8H
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 STATE 47 COUNTY 049 PERMIT 02186H

LOCATION: ELEVATION 1257' WATER SHED Monongahela River
 DISTRICT Winfield COUNTY Marion
 QUADRANGLE Rivesville 7-1/2'

SURFACE OWNER Southern Ohio Coal Co. ACREAGE 602.52 Ac.
 OIL & GAS ROYALTY OWNER Southern Ohio Coal Co. LEASE ACREAGE 602.52 Ac.
 LEASE NO. 1-262629-000 (TM. 38/25), 1-302935-000 (TM 38/34 & 34.1)

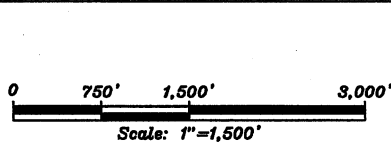
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION & DEPTH Core down to Huntersville TD 7500': Produce Marcellus TD 7300' + horizontal leg
 WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Eric B. Gillespie
 ADDRESS P.O. Box 18496 Oklahoma City, OK 73154-0496 ADDRESS P.O. Box 6070 Charleston, WV 25362



RECEIVED
Office of Oil & Gas
AUG 14 2011

WV Department of
Environmental Protection



Well: Wesbanco Bank MRN 8H
Quad: Rivesville 7 1/2'
District: Winfield
County: Marion