

**LEGEND**

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- WATER SOURCE
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE

NO EXISTING WELLS WITHIN 3,000'

TAX MAP	PARCEL	SURFACE OWNER
4-4	10.1	MATTHEW & RITA MURRAY
4-4	11	CAROLINE RENEE PYSALL
4-4	22	JERRY R. & CATHY L. SHAY
4-4	23	ORNA INEZ FUNK HEIRS
4-4	23.1	DAVID & DEBORAH HBBS
4-4	32	MARK KENDALL & IDA J. PYSALL
4-5	17	HEARTLAND FORESTWOOD FUND VI, LP
4-5	18	KEITH WALTER & JILL M. ZAIS
4-5	26	JOHN ADAM GOWER
4-5	26.1	PAULINE L. SHAWAN
4-10	9	MADLINE JEAN LAREW
4-10	10	NILS NICHOLS & ELISABETH BLAUG
4-10	12	MITCHEL R. FUNK, SR.
4-10	13	TERRY E. PYSALL
4-10	13.1	RICHARD P. & BETTY FUNK
4-10	14	GARNER LAREW
4-10	15	KENNETH PAUL & RUBY DONALDA Bolyard
4-10	15.1	TERRY E. & ELLA PYSALL
4-10	22	DAVID L. MCDANIEL
4-10	24	CRAIG A. HERSHMAN
4-10	24.5	CHARLES E. Bolyard
4-10	25	PATRICIA SPLAIN
4-10	59	RUTH J. POLING
4-11	1	MATHEW W. & MARCIA M. DERRICK
4-11	1.2	KINGWOOD MINING COMPANY LLC
4-11	2	DANI R. KELLEY
4-11	17	CHRISTOPHER P. RANKIN
4-11	18	GLENN EARL KNOTTS
4-11	20	ROBERT D. COX
4-11	81.1	KINGWOOD MINING COMPANY LLC
4-11	82	KEVIN K. & DIANE HAMILTON

**GAS LESSORS**

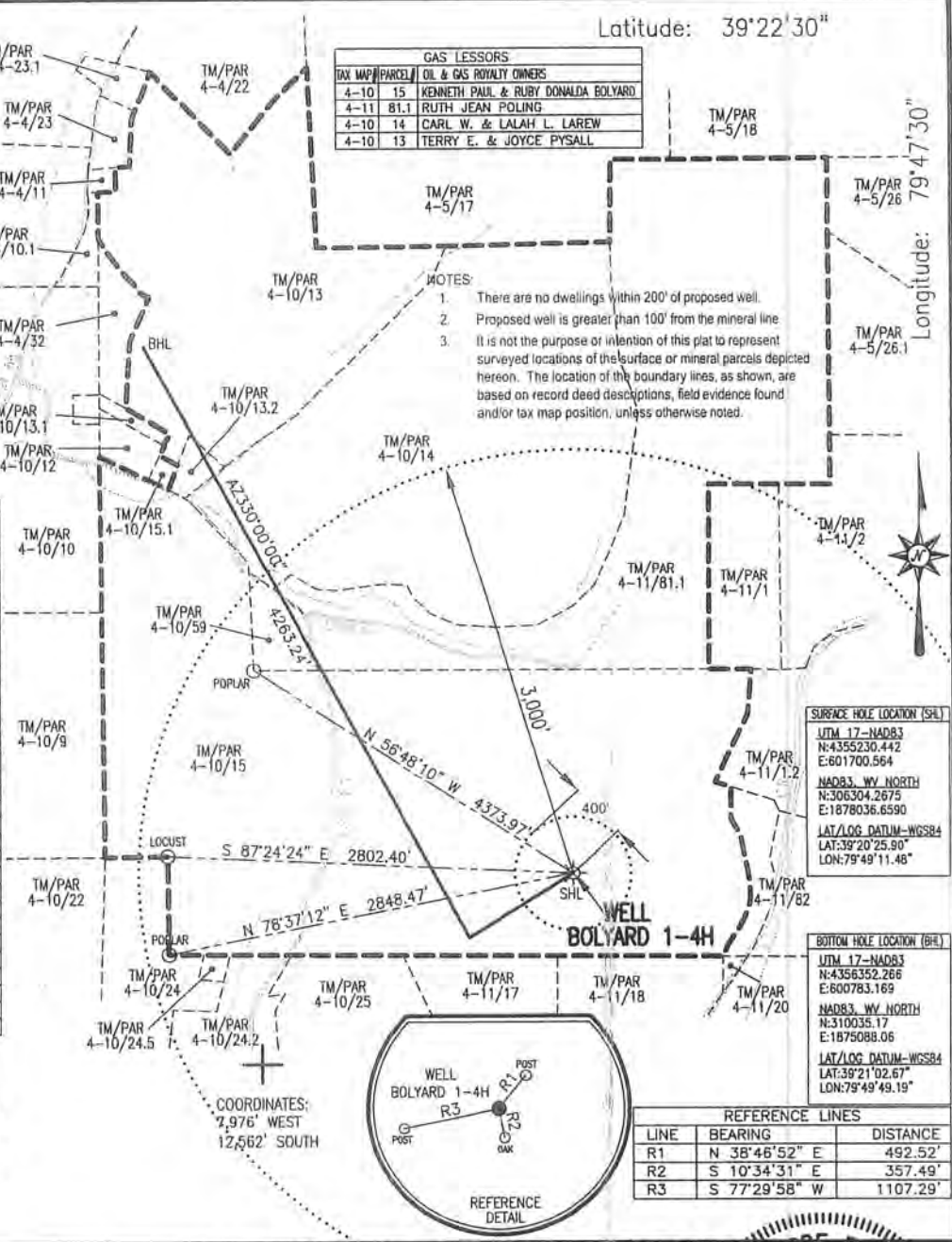
TAX MAP	PARCEL	OIL & GAS ROYALTY OWNERS
4-10	15	KENNETH PAUL & RUBY DONALDA Bolyard
4-11	81.1	RUTH JEAN POLING
4-10	14	CARL W. & LALAH L. LAREW
4-10	13	TERRY E. & JOYCE PYSALL

**NOTES:**

- There are no dwellings within 200' of proposed well.
- Proposed well is greater than 100' from the mineral line.
- It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.



**Blue Mountain Engineering**  
 11023 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486



FILE #: Bolyard 1-4H  
 DRAWING #: Bolyard 1-4H  
 SCALE: 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: NOVEMBER 15, 2011  
 OPERATOR'S WELL #: Bolyard 1-4H  
 API WELL #: 47 077 00517 H<sub>0A</sub>  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: LEFT FORK ELEVATION: 1614.00'  
 COUNTY/DISTRICT: PRESTON / RENO QUADRANGLE: FELLOWSVILLE, WV 7.5'  
 SURFACE OWNER: KENNETH PAUL & RUBY DONALDA Bolyard ACREAGE: 270.50±  
 OIL & GAS ROYALTY OWNER: SEE ABOVE GAS LESSORS CHART ACREAGE: 559.90±

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY):

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 8,150.0'± TMD: 12,871'±  
 WELL OPERATOR: ENERPLUS RESOURCES (USA) CORPORATION DESIGNATED AGENT: TERRY STAMPER  
 Address: 333 TECHNOLOGY DRIVE, SUITE 255 Address: 5400 D BIG TYLER ROAD  
 City: CANONSBURG State: PA Zip Code: 15317 City: CHARLESTON State: WV Zip Code: 25313

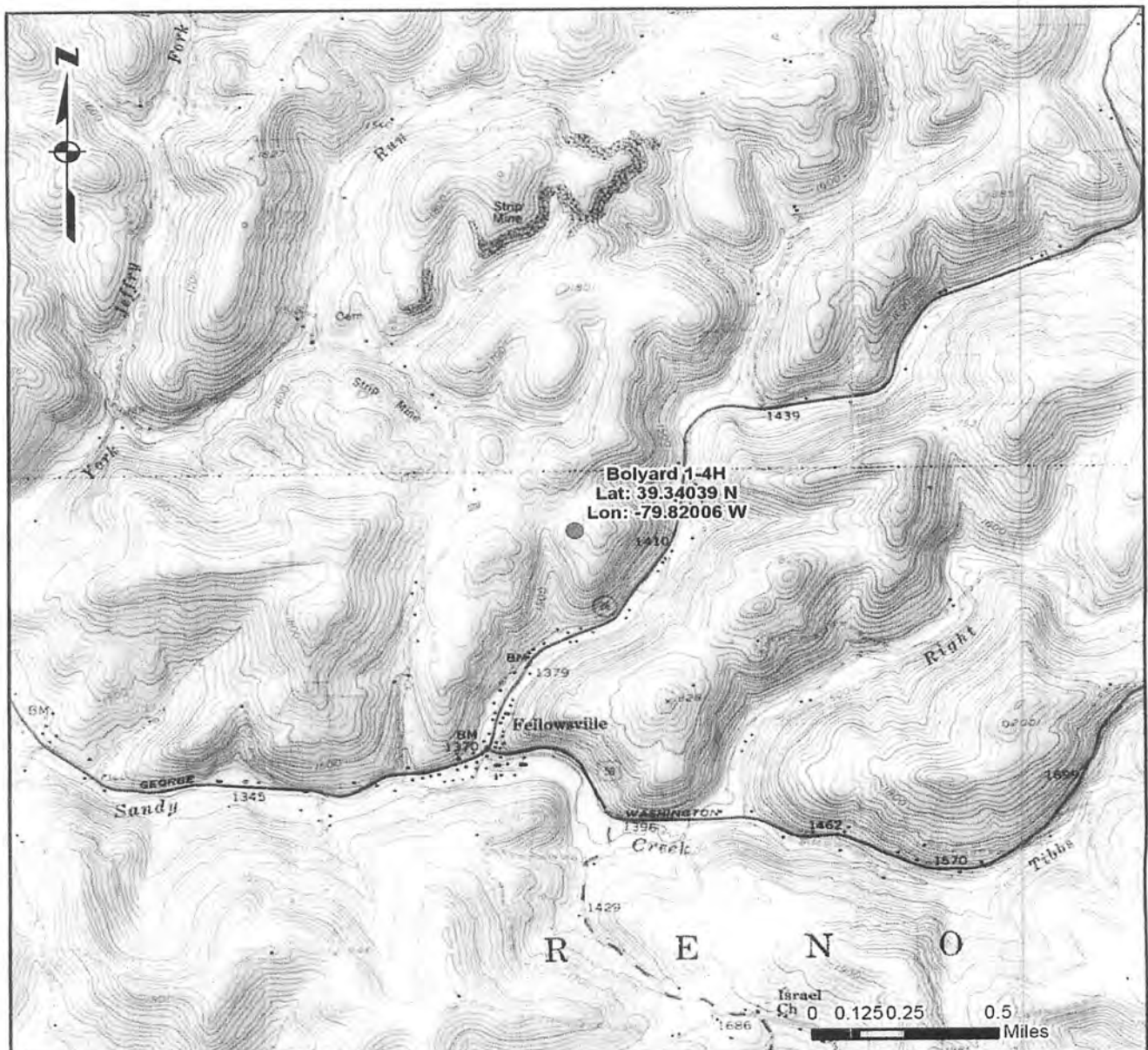
10/19/2012





77-00597

Appendix C

Topographic Site Location Map



<p><b>Map Features</b></p>		<p><b>Bolyard 1-4H</b> Fig. 1 Topographic Site Location Map</p>
<p>● Bolyard 1-4H pad</p>	<p>Author: khelal Date: 12/05/2011</p>	
		<p><small>DISCLAIMER: This Geographic Information System (GIS) and its components are designed as a source of reference for answering inquiries, for planning and for modeling. GIS is not intended, nor does it replace legal description information in the chain of title and other information contained in official government records such as the County Clerk and Recorders office or the courts. In addition, the representations of locations in this GIS cannot be substituted for actual legal surveys.</small></p>