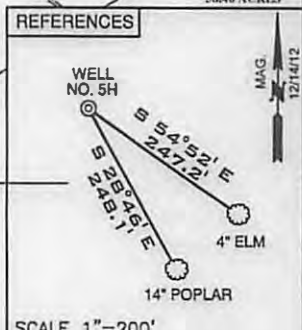


NOTE: BORE PATH BASED ON GRID NORTH.

SURFACE HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,457.4
 E) 516,416.1
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,437,167
 E) 1,694,275

TARGET POINT 1
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,400,499.6
 E) 516,459.8
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,437,306
 E) 1,694,419

BOTTOM HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,401,218.5
 E) 514,672.4
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,439,664
 E) 1,688,554



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER W0120316 (WB1-56)

DRAWING NUMBER ARMSTRONG_WP_5H

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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

P.S. Jonathan N. White



WVDEP
 OFFICE OF OIL & GAS
 601 5TH STREET
 CHARLESTON, WV 25304



DATE: DECEMBER 27, 2012

OPERATORS WELL NO. ARM TRONG NO. 5H

API WELL NO. 47-051-1621 H6A

STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION ELEVATION 1278' WATERSHED TRIBUTARY OF COON RUN

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER WV16-0010-001, WV16-0076-001, WV16-0126-005

SURFACE OWNER CNX GAS COMPANY, LLC ACREAGE 159.05

OIL & GAS ROYALTY OWNER CNX GAS COMPANY, LLC LEASE ACREAGE 521.12

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

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6458 + Horizontal Leg

WELL OPERATOR GASTAR EXPLORATION USA, INC. DESIGNATED AGENT MICHAEL McCOWN

ADDRESS 229 W MAIN STREET, SUITE 301 ADDRESS 229 W MAIN STREET, SUITE 301

CLARKSBURG WV, 26301 CLARKSBURG WV, 26301

04/19/2013

WW-9

PROPOSED ARMSTRONG WELL No. 5H

SUPPLEMENT PG 2



<p><i>Case</i> 1-25-13</p> <p><i>DMH</i> 1-25-13</p>	<p>OPERATOR GASTAR EXPLORATION USA, Inc. 229 W Main Street, Suite 301 Clarksburg, WV 26301</p>	<p>TOPO SECTION POWHATAN POINT 7.5'</p>	<p>LEASE NAME ARMSTRONG</p>
	<p>SCALE: 1"=2000'</p>	<p>DATE: DATE: 12/27/12</p>	

W0120316