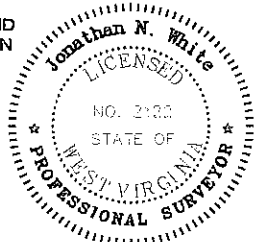


FILE NUMBER W0100286 (WB1-27)
 DRAWING NUMBER W0100286_WP8H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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
 2122



WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: NOVEMBER 08, 2011
 OPERATORS WELL NO. SHIELDS-NORTH NO. 8H
 API WELL NO. 47-051-1540H
 STATE COUNTY PERMIT

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

LOCATION ELEVATION 1204' WATERSHED ___ TRIBUTARY OF LONG RUN
 DISTRICT FRANKLIN COUNTY MARSHALL
 QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER WV16-0035-001, WV16-0035-002, WV16-0069-001, WV16-0028-001

SURFACE OWNER DONALD L. SHIELDS, ET AL ACREAGE 104.11
 OIL & GAS ROYALTY OWNER DONALD SHIELDS, ET AL LEASE ACREAGE 212.91

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

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' + Horizontal Leg

WELL OPERATOR GASTAR EXPLORATION USA, INC. DESIGNATED AGENT MICHAEL McCOWN
 ADDRESS 229 W MAIN STREET, SUITE 301 CLARKSBURG WV, 26301 ADDRESS 229 W MAIN STREET, SUITE 301 CLARKSBURG WV, 26301

03/30/2012

COUNTY NAME
 PERMIT

RECEIVED
Office of Oil & Gas

NOV 22 2011

WV Department of
Environmental Protection

PROPOSED SHIELDS-NORTH

WELL No. 8H

5/15/11

There appears to be One (1) possible water sources.



W0100286	OPERATOR	TOPO SECTION	LEASE NAME
	GASTAR EXPLORATION USA, Inc. 229 W Main Street, Suite 301 Clarksburg, WV 26301	POWHATAN POINT 7.5'	SHIELDS
		SCALE:	DATE:
		1"=1000'	DATE: 11/08/11

03/30/2012