

FILE NUMBER W0100286 (WB1-27)

DRAWING NUMBER W0100286\_WP4H

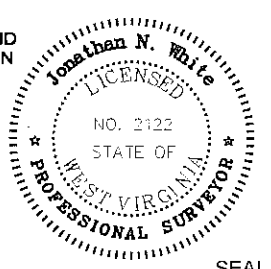
SCALE 1" = 1000'

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. 4H

API WELL NO. 47-051-01536H

STATE WV COUNTY MARSHALL PERMIT                     

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

LOCATION ELEVATION 1204' WATERSHED                      TRIBUTARY OF LONG RUN

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER WV16-0035-002, WV16-0009-001, WV16-0009-002, WV16-0009-003, WV16-0035-001

SURFACE OWNER DONALD L. SHIELDS, ET AL ACREAGE 104.11

OIL & GAS ROYALTY OWNER DONALD SHIELDS, ET AL LEASE ACREAGE 214.11

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 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**

WW-9

# PROPOSED SHIELDS-NORTH WELL No. 4H

PG. 7 OF 8



Office of Oil & Gas NOV 22 2011 WV Department of Environmental Protection <b>W0100286</b>	OPERATOR	TOPO SECTION	LEASE NAME
	GASTAR EXPLORATION USA, Inc. 229 W Main Street, Suite 301 Clarksburg, WV 26301	POWHATAN POINT 7.5'	SHIELDS
		SCALE: 1"=2000'	DATE: DATE: 11/04/11