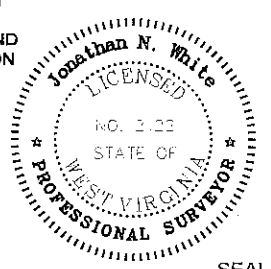


FILE NUMBER W0100286 (WB1-27)  
 DRAWING NUMBER W0100286\_WP10H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION SUBMETER MAPPING  
GRADE GPS

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-SOUTH NO. 10H  
 API WELL NO. 47-051-01542H  
 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 WV16-0035-001, WV16-0035-002, WV16-0072-000, WV16-0039-000, WV16-0070-001, WV16-0269-000

SURFACE OWNER DONALD L. SHIELDS, ET AL ACREAGE 104.11  
 OIL & GAS ROYALTY OWNER DONALD SHIELDS, ET AL LEASE ACREAGE 260.685

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 **03/09/2012**

COUNTY NAME  
 PERMIT

WW-9

# PROPOSED SHIELDS-SOUTH WELL No. 10H

PG. 7 OF 8



NOV 8 9 2011 <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