HANSEN LEASE WELL NO. 9H
487.56% ACRE

LATITUDE 39° 45' 00" N
LONGITUDE 82° 24' 52" W

REFERENCES
HANSEN NO. 9H
BAYERN MATERIAL SCIENCES, LLC
MARSHALL COUNTY, W. VA

OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, W. VA IN MARCH, 2013.
COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.

FILE NUMBER WO112318
DRAWING NUMBER HANSEN_WJH
SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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

DATE: APRIL 08, 2013
OPERATORS WELL NO. HANSEN NO. 9H
API WELL NO. 47-051-1652 HGA
STATE COUNTY PERMIT

WELL TYPE: OIL
WELL ASSET: GAS
LICENSING: X LIQUID INJECTION
WASTE DISPOSAL

(IF "GAS"
PRODUCTION
X STORAGE
DEEP
SHALLOW

LOCATION ELEVATION 1245' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER (0503020110)

DISTRICT FRANKLIN COUNTY MARSHALL
QUADRANGLE NEW MARTINSVILLE 7.5'
LEASE NUMBER W01-5999-000, WV0-5033-001, W01-5997-001

SURFACE OWNER BAYERN MATERIAL SCIENCES, LLC
ACREAGE 172.79

OIL & GAS ROYALTY OWNER PPG INDUSTRIES, INC., et al
LEASE ACREAGE 487.56

PROPENDED WORK: X DRIVE CONVENT X DRIVE DEEPER X REDRILL X FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION
X PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE

TARGET FORMATION MARCELLUS
ESTIMATED DEPTH 6480' + 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

THE UNDERGROUND, 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.

JONATHAN N. WHITE L.P.E.
STATE OF WEST VIRGINIA
COUNTY OF MARSHALL
NO. 2105
LEHIGH W12-8262

SEAL

08/02/2013