

LATITUDE 39° 45' 00"
HANSEN LEASE
WELL NO. 7H
487.56± ACRES

REFERENCES
 HANSEN NO. 7H
 S 69° 52' E 271.4'
 S 53° 17' E 262.4'
 8" SUMAC
 4" LOCUST
 MAG. 03/12/13
 SCALE 1"=200'

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

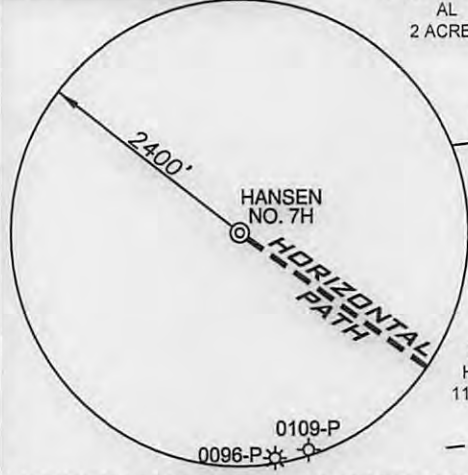
LEGEND
 - - - LEASED TRACTS
 - - - INTERIOR MINERAL TRACTS
 - - - SURFACE TRACTS
 - - - HARD LEASE LINE

SURFACE HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,397,460.2
 E) 515,918.9
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,427,334
 E) 1,692,644

TARGET POINT 1
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,397,037.1
 E) 516,543.9
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,425,946
 E) 1,694,695

BOTTOM HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 N) 4,395,692.7
 E) 517,105.9
 UTM. NAD83, ZONE 17
 IN FEET
 N) 14,421,535
 E) 1,696,538

NOTE: BORE PATH BASED ON GRID NORTH.



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER W0120318 (WB1-62)
 DRAWING NUMBER HANSEN_WP_7H
 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. 2122 *Jonathan N. White*



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

DATE: APRIL 08, 2013

OPERATORS WELL NO. HANSEN NO. 7H

API WELL NO. 47-051-1654 H6A

STATE COUNTY PERMIT

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

DISTRICT FRANKLIN COUNTY MARSHALL
 QUADRANGLE NEW MARTINSVILLE 7.5' LEASE NUMBER WV16-0099-000, WV62-0003-001, WV16-0076-001, WV16-0127-001

SURFACE OWNER BAYER MATERIAL SCIENCES, LLC ACREAGE 172.79

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

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 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

08/02/2013

LONGITUDE 80° 47' 30"

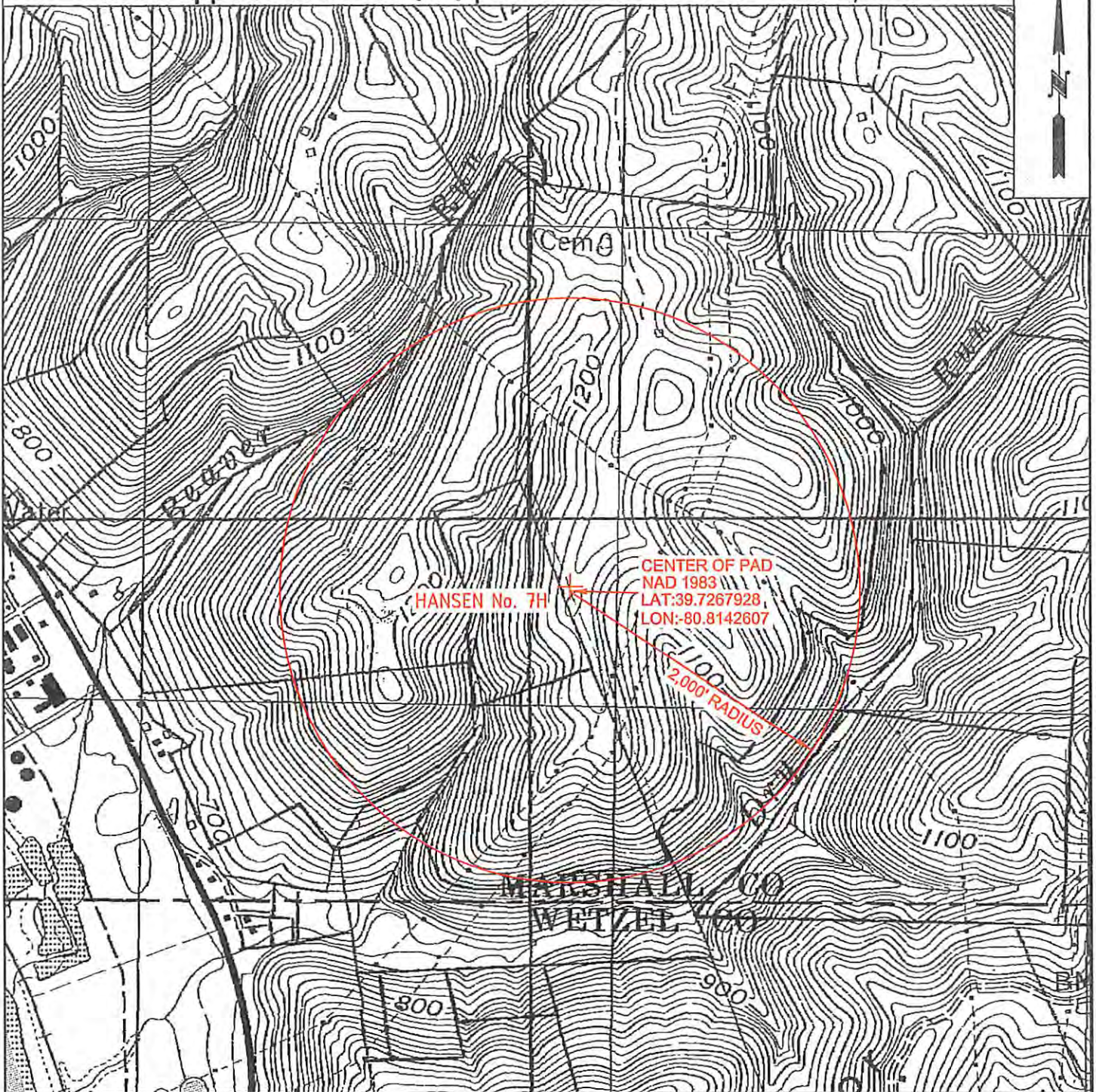
COUNTY NAME PERMIT

WW-6A

PROPOSED HANSEN WELL No. 7H

SUPPLEMENT PG 1

There appears to be NO (0) possible water sources within 2,000'.



CENTER OF PAD
NAD 1983
LAT:39.7267928,
LON:-80.8142607

HANSEN No. 7H

W0120318	OPERATOR	TOPO SECTION	LEASE NAME
	GASTAR EXPLORATION USA, Inc. 229 W Main Street, Suite 301 Clarksburg, WV 26301	NEW MARTINSVILLE 7.5'	HANSEN
		SCALE:	DATE:
		1"=1000'	DATE: 03/25/13