

form. wv6

4,180'

4,605'

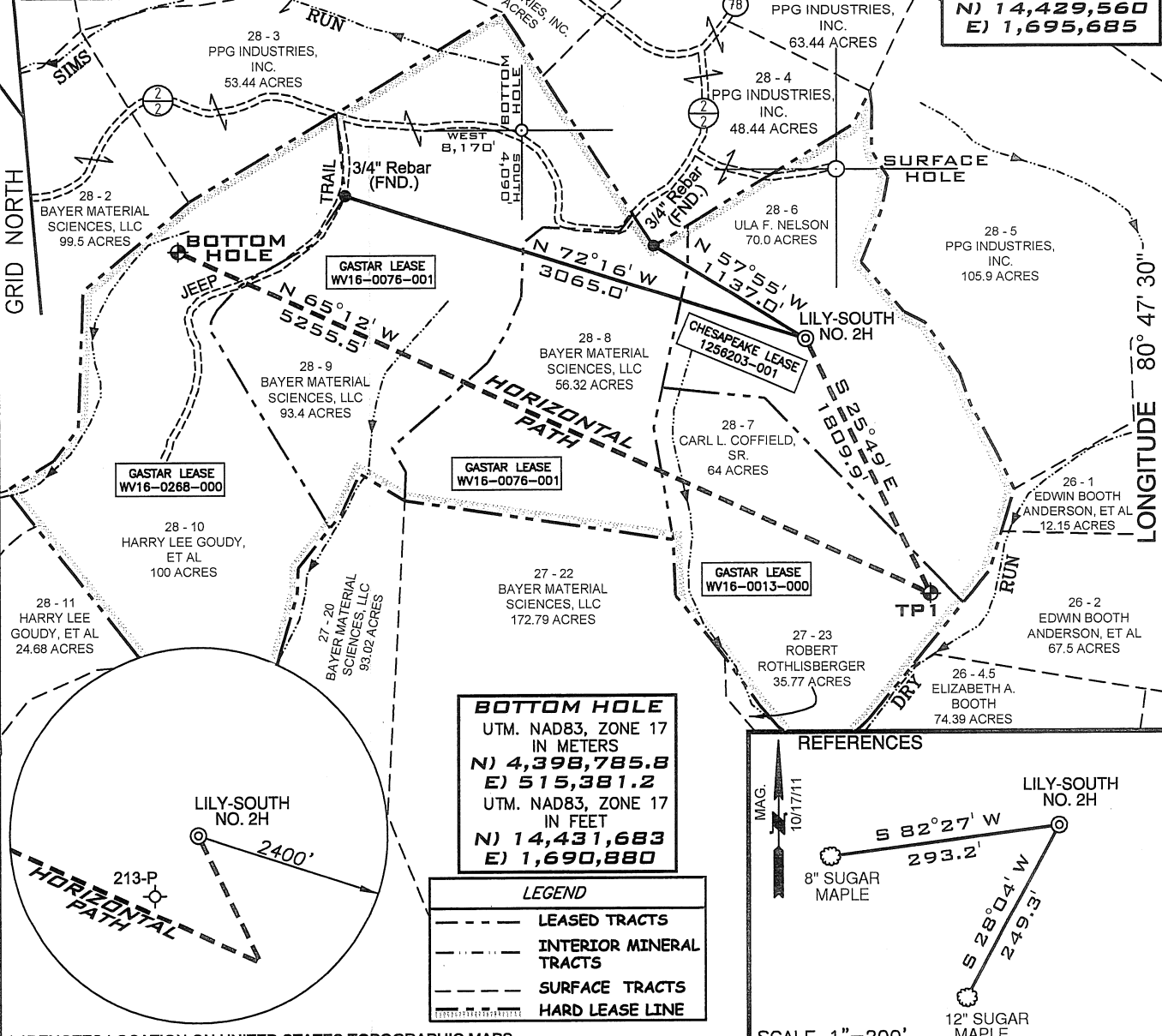
**SURFACE HOLE**  
 UTM. NAD83, ZONE 17  
 IN METERS  
**N) 4,398,631.0**  
**E) 516,597.5**  
 UTM. NAD83, ZONE 17  
 IN FEET  
**N) 14,431,175**  
**E) 1,694,870**

**LATITUDE 39° 45' 00"**  
**LILY LEASE**  
**WELL NO. 2H**  
**383.72± ACRES**

**NOTES**  
 OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN NOVEMBER, 2011.  
 COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.

**NOTE: BORE PATH BASED ON GRID NORTH.**

**TARGET POINT 1**  
 UTM. NAD83, ZONE 17  
 IN METERS  
**N) 4,398,138.6**  
**E) 516,845.9**  
 UTM. NAD83, ZONE 17  
 IN FEET  
**N) 14,429,560**  
**E) 1,695,685**



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER W0110311 (WB1-31)

DRAWING NUMBER LILY\_WP2H

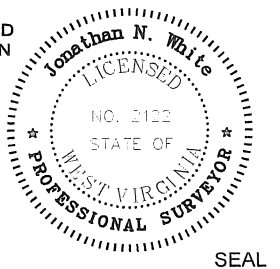
SCALE 1" = 1000'

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



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



DATE: December 07, 2011

OPERATORS WELL NO. LILY-SOUTH NO. 2H

API WELL NO. 47-051-01552H6A

STATE            COUNTY            PERMIT           

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

LOCATION ELEVATION 1272' WATERSHED            TRIBUTARY OF DRY RUN

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE NEW MARTINSVILLE 7.5' LEASE NUMBER WV16-0268-000, WV16-0076-001, WV16-0013-000, 1256203-001

SURFACE OWNER ULA F. NELSON ACREAGE 70

OIL & GAS ROYALTY OWNER ULA F. NELSON, ET AL LEASE ACREAGE 383.72

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE (SPECIFY)           

PLUG & ABANDON  CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6700' + 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

COUNTY NAME

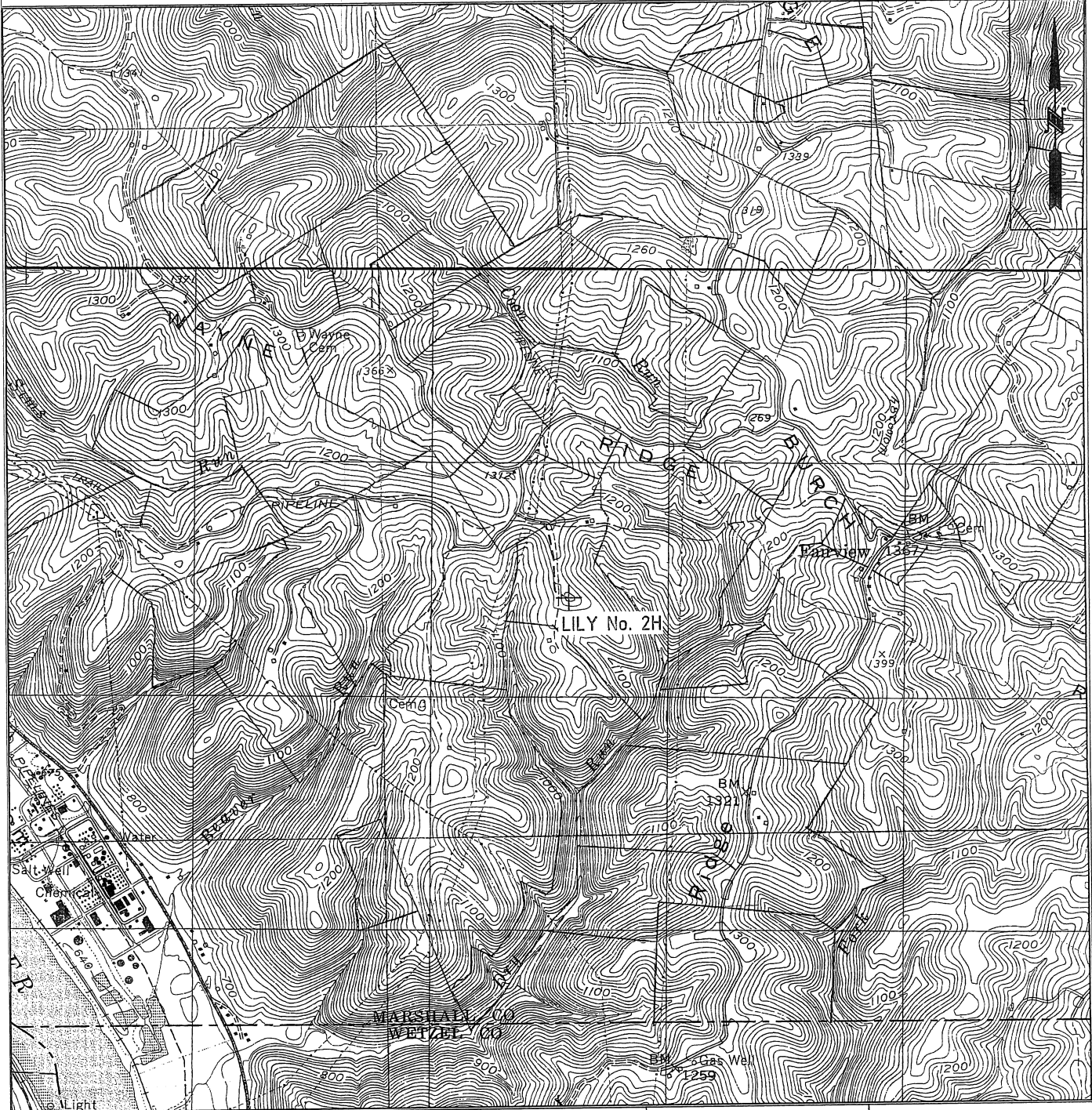
PERMIT

51-0155246A

WW-9

# PROPOSED LILY SOUTH WELL No. 2H

PG. 7 OF 8



<b>W0110311</b>	<b>OPERATOR</b>	<b>TOPO SECTION</b>	<b>LEASE NAME</b>
	GASTAR EXPLORATION USA, Inc. 229 W Main Street, Suite 301 Clarksburg, WV 26301	NEW MARTINSVILLE 7.5'	LILY
		<b>SCALE:</b> 1"=2000'	<b>DATE:</b> DATE: 12/07/11