

PPG INDUSTRIES BW-29 WELL

PPG INDUSTRIES INC.
60.842 ACRES ±

PPG INDUSTRIES INC.
81.37 ACRES ±

BAYER MATERIAL
SCIENCES, LLC
99.5 ACRES ±

LATITUDE 39° 45' 00"
WELL NO. BW-29
STATE PLANE COORDINATES
NORTH ZONE (NAD 83)

N. 451,788
E. 1,595,090

LAT=(N) 39.732816
LONG=(W) 80.827794

UTM (NAD 83) (METERS)
N. 4,398,117
E. 514,757

HARRY LEE GOUDY
100 ACRES ±

PPG INDUSTRIES INC.
20.23 ACRES ±

HARRY LEE GOUDY
24.68 ACRES ±

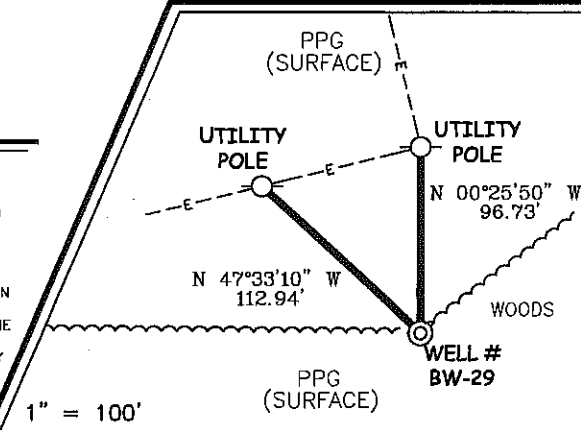
BAYER MATERIALS
SCIENCES LLC CORP.
18.78 ACRES ±

BAYER MATERIAL
SCIENCES, LLC
21.627 ACRES ±

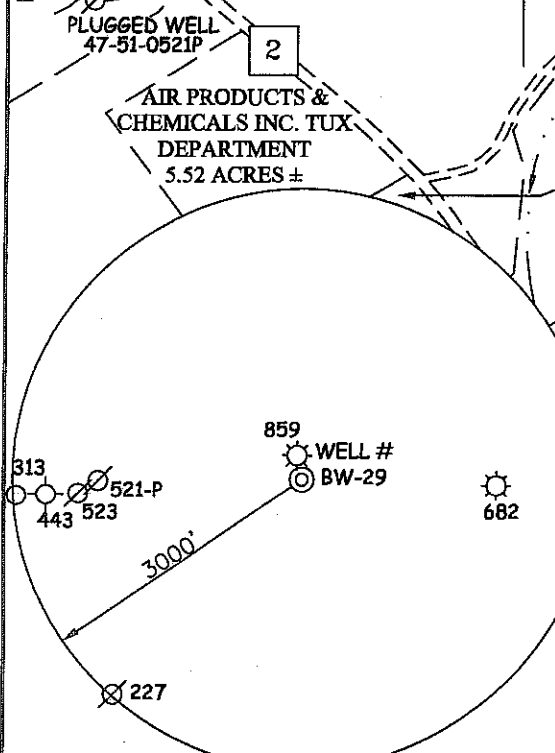
REFERENCES

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD'83.
2. TIES TO REFERENCES ARE BASED ON GRID NORTH 05/23/2012.
3. LEASE BOUNDARY SHOWN HEREDN TAKEN FROM DEED BOOK 2B2 AT PAGE 163, DEED BOOK 2B AT PAGE 2, AND OTHER DEEDS.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARSHALL COUNTY IN JUNE 2012.
5. WELL LAT./LONG. (NAD'83) ESTABLISHED BY DGPS(SURVEY GRADE).



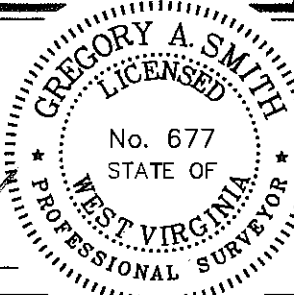
NORTH



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677

Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE AUGUST 21, 20 12
OPERATORS WELL NO. _____ WELL No. BW-29
API WELL NO. 47-051-01583
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7854P1 (407-69)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL GAS BRINE & LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 777' EXISTING 774' PROPOSED WATERSHED TRIBUTARY OF OHIO RIVER
DISTRICT FRANKLIN COUNTY MARSHALL QUADRANGLE NEW MARTINSVILLE 7.5'

SURFACE OWNER PPG INDUSTRIES, INC. ACREAGE 20.23±
ROYALTY OWNER PPG INDUSTRIES, INC. LEASE ACREAGE _____ LEASE NO. _____

PROPOSED WORK:
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION SALINA
ESTIMATED DEPTH 7,000'

WELL OPERATOR PPG INDUSTRIES, INC. DESIGNATED AGENT J. THOMAS HORAN
ADDRESS WV RT. 2, P.O. BOX 191 ADDRESS WV RT. 2, P.O. BOX 191
NEW MARTINSVILLE, WV 26155 NEW MARTINSVILLE, WV 26155

09/14/2012

COUNTY NAME PERMIT

