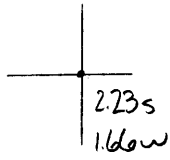


39°47'30"

Latitude

80°50'00"

Longitude



Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company _____

Farm _____

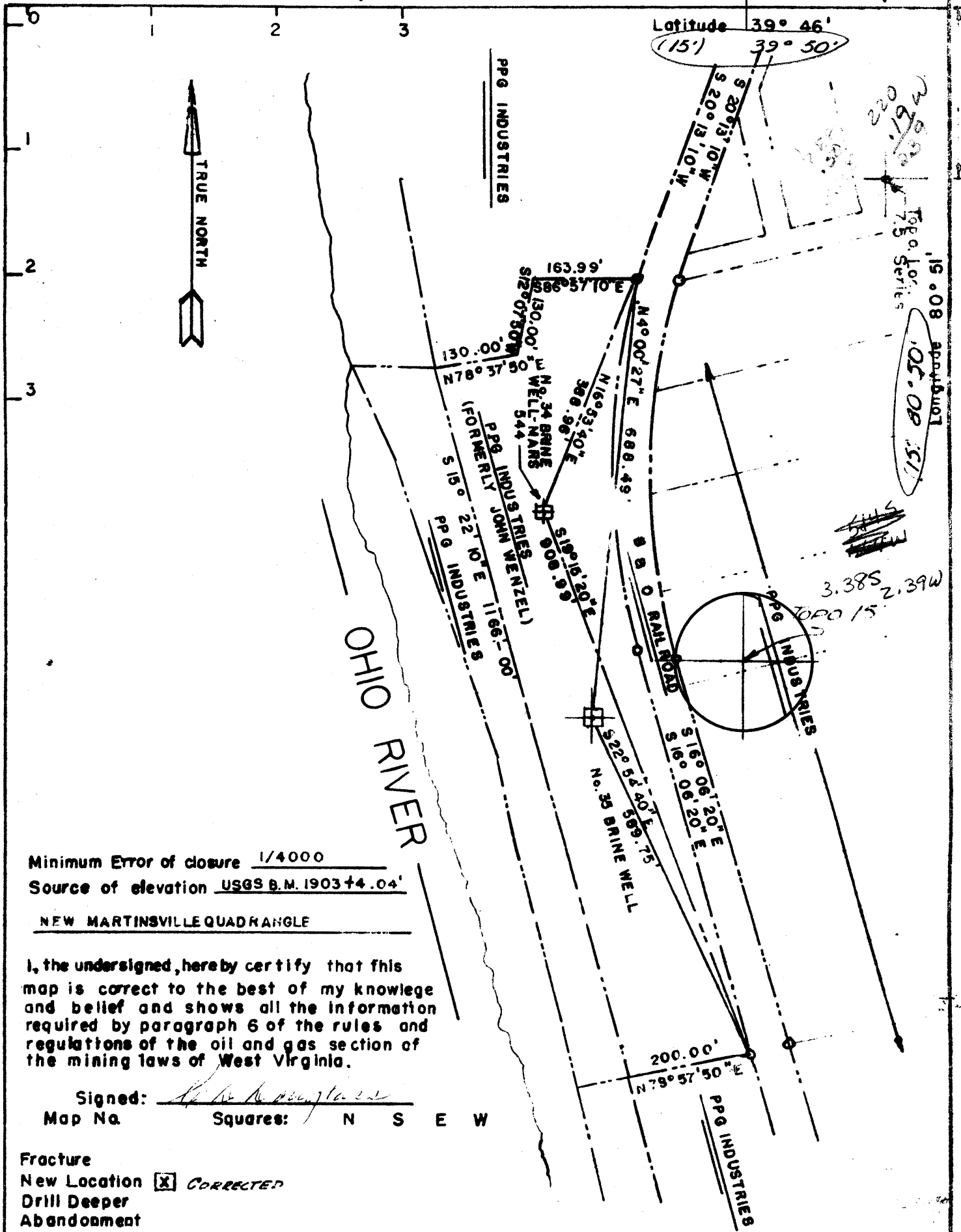
15' Quad _____
(sec.)

7.5' Quad Powhatan Point

District Franklin

WELL LOCATION PLAT

County OSI **Permit** 562



Minimum Error of closure 1/4000
 Source of elevation USGS B.M. 1903 +4.04'
NEW MARTINSVILLE QUADRANGLE

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]
 Map No. _____ Squares: N S E W

Fracture
 New Location CORRECTED
 Drill Deeper
 Abandonment

Company PPG INDUSTRIES, INC.
 Address BOX 191 NEW MARTINSVILLE, W.VA.
 Farm PPG (FORMERLY JOHN WENZEL)
 Tract _____ Acres 6.4 Lease No. _____
 Well No. 35 Serial No. SC
 Elevation (MOUNT LEVEL) 639.15 Clarington
 Quadrangle POWHATAN POINT W.VA. OHIO
 County MARSHALL District FRANKLIN
 Engineer C.D. DOUGLASS
 Engineer's Registration No. 1854
 File No. _____ Drawing No. 0150
 Date MARCH 3, 1975 Scale 1" = 200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Mars-562

+ Denotes location of well on United States Topographic Maps scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

-- Denotes one inch spaces on border line of original tracing. 47-051 MAY 19 1975



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

JUL 22 1975

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Powhatan Point, WV - Ohio

Permit No. Mars - 562

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Brine X
(Kind)

Company PPG Industries, Inc.
Address New Martinsville, WV
Farm PPG-Formerly J. Wenzel Acres 6.4
Location (waters) East Bank of Ohio River
Well No. 35 Elev. K.B. 652 Size GRD. 641 20-16
District Franklin County Marshall
The surface of tract is owned in fee by _____
PPG Industries, P.O. Box 191
Address New Martinsville, WV
Mineral rights are owned by PPG Industries
Address New Martinsville, WV
Drilling Commenced 5-16-75
Drilling Completed 6-13-75
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Cond. 13-3/8"	68.50'	65.50'	388 SKS.
13-10" 10-3/4"	1595'	1595'	
9 5/8			
8 5/8			1,010 SKS.
7	6690'	6690'	
5 1/2			
4 1/2 4"	6698'	6698'	
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at 124'-36"; 191'-24"; 599'-48"; 899'-36".

Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Fill & Clay			0	32		
Clay, Sand & Gravel			32	65		
Yellow Sandstone			65	68		
Lime & Shale			68	124		
Coal			124	127		
Lime & Shale			127	191		
Coal			191	193		
Sand & Shale			193	279		
Red Rock			279	294		
Sand & Shale			294	384		
Red Rock			384	414		
Sand, Shale, Grey Rock & Red Rock			414	599		
Coal			599	603		
Clay & Shale			603	616		
Red Rock			616	639		
Sand & Shale			639	899		
Coal			899	902		
Shale & Sand			902	989		
Sand			989	1268		
Sand & Shale			1268	1479		
White Sand			1479	1544		
Sand & Shale			1544	1604		
Sand & Shale			1604	1774		

(over)

Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Grey Shale			1774	1879		
Sand & Shale			1879	2029		
Sand			2029	2909		
Sand & Shale			2909	2969		
Sand			2969	5559		
Marcellus Shale			5569	5689		
Lime			5689	5909		
Oriskany			5909	6180		
Lime			6180	6550		
Grey Rock			6550	6561		
Salt			6561	6573		
Rock			6573	6576		
Salt			6576	6585		
Rock			6585	6587		
Salt			6587	6601		
Salt & Rock			6601	6602		
Salt			6602	6606		
Salt & Rock			6606	6608		
Salt			6608	6615		
Rock			6615	6616		
Salt			6616	6631		
Salt & Rock			6631	6633		
Rock			6633	6634		
Salt			6634	6649		
Salt & Rock			6649	6650		
Salt			6650	6659		
Rock			6659	6666		
Salt			6666	6683		
Salt & Rock			6683	6685		
Rock S			6685	6709		
Salt			6709	6710		
Rock			6710	6722		
Total Depth			6722			
As Measured From Ground Level of 641.00 Ft. Above Sea Level						

Date July 17, 1975

APPROVED John E. Bidow, Owner

By Plant Utilities Engineer
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 25 1975

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE April 2, 1975

Surface Owner PPG Industries, Inc.

Company PPG Industries, Inc.

Address P.O. Box 191, New Martinsville, WV

Address P.O. Box 191, New Martinsville, WV

Mineral Owner PPG Industries, Inc.

Farm PPG-Formerly ^{John}Wenzel Acres 6.4

Address Same

Location (waters) Ohio River - East Bank

Coal Owner Same

Well No. 35 Elevation 639

Address Same

District Franklin County Marshall

Coal Operator _____

Quadrangle Powhatan Point

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for Drilling. This permit shall expire if
operations have not commenced by 9-2-75

Robert T. Hill

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Richard J. Morris
PH: 354-7259 ADDRESS Grantville, W.Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated September 24 1953 by John K. Wenzel made to Pittsburgh Plate Glass and recorded on the 24th day of Sept. 1953, in Marshall County, Book 295 Page 319

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours,

(Sign Name) John E. Eisdson
Well Operator

Address
of
Well Operator

P. O. Box 191
Street
New Martinsville
City or Town
West Virginia
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BOND DRILL

Mars-562 PERMIT NUMBER
47-051

