



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 51-535 P WELL NO.: 33

FARM NAME: _____

RESPONSIBLE PARTY NAME: PPG INDUSTRIES

COUNTY: MARSHALL DISTRICT: FRANKLIN

QUADRANGLE: POWHATTEN POINT

SURFACE OWNER: PPG

ROYALTY OWNER: _____

UTM GPS NORTHING: 4401160

UTM GPS EASTING: 511528 GPS ELEVATION: 633

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential ____
Real-Time Differential ____

Mapping Grade GPS ____: Post Processed Differential ____
Real-Time Differential ____

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Signature

Title

Date

MARS 0535-P

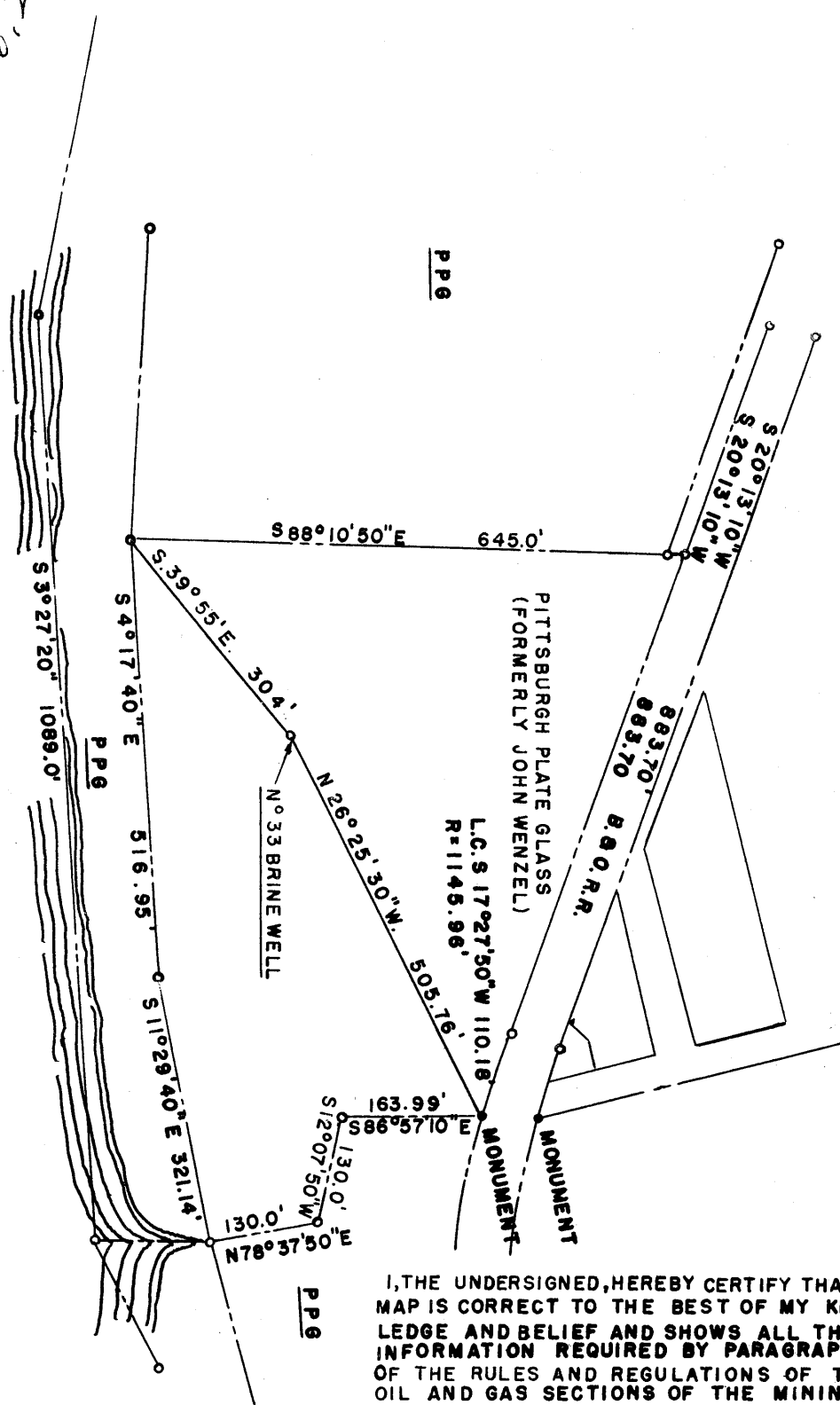
Latitude 39° 50'

Longitude 80° 45'

4.9/5
6.22W



OHIO RIVER



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 5 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTIONS OF THE MINING LAWS OF WEST VIRGINIA.

BY J. A. Anderson

DEGREE OF ACCURACY 1 IN 10,000

New Location
 Drill Deeper
 Abandonment

Brine Well

Company PITTSBURGH PLATE GLASS CO
 Address BOX 191 NEW MARTINSVILLE, W.VA.
 Farm PPG FORMERLY (JOHN WENZEL)
 Tract _____ Acres 14.0 Lease No. _____
 Well (Farm) No. 33 Serial No. _____
 Elevation (Spirit Level) 635.0'
 Quadrangle CLARINGTON, OHIO - W.VA. - 5E
 County MARSHALL District FRANKLIN
 Engineer J. A. ANDERSON *J. A. Anderson*
 Engineer's Registration No. 1677
 File No. _____ Drawing No. SK-41312-G
 Date 4-17-67 Scale 1" = 200'

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

WELL LOCATION MAP

FILE NO. MARS-535

+ 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.

SK-41312-G

Deep (Salt) well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Powhatan Point, W.Va.-Ohio

OIL AND GAS DIVISION 8

Permit No. MARS-535

WELL RECORD

Oil or Gas Well Brine
(KIND)

Company PPG Industries
Address New Martinsville, West Virginia
Farm John Wetzel Acres N/A
Location (waters) East Bank Ohio River - Natrium Ground 633
Well No. 33 Elev. T.P. 613
District Franklin County Marshall
The surface of tract is owned in fee by PPG Industries
Address New Martinsville
Mineral rights are owned by PPG Industries
Address New Martinsville
Drilling commenced May 22, 1967
Drilling completed August 26, 1967
Date Shot -- From -- To --
With --

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	62	62	
9-5/8"	1583	1583	Size of
8 1/4			
6 3/4			Depth set
5 3/16			
4 1/2			
3			Perf. top
7"	6580	6580	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in -- Inch
-- /10ths Merc. in -- Inch
Volume -- Cu. Ft.
Rock Pressure -- lbs. hrs.
Oil -- bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) --
WELL FRACTURED (DETAILS) --

Attach copy of cementing record. 9-5/8" - 1583' - 6-26-67
CASING CEMENTED 7" SIZE 6580 No. Ft. 8-20-67 Date
Amount of cement used (bags) 9-5/8" = 625 bags; 7" = 1150 bags
Name of Service Co.
COAL WAS ENCOUNTERED AT 203 FEET 48 INCHES
955 FEET 24 INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) --

ROCK PRESSURE AFTER TREATMENT -- HOURS --
Fresh Water -- Feet -- Salt Water -- Feet --
Producing Sand -- Depth --

Formation	Color	Hard or Soft	Top	Bottom	T.V.D. Top	T.V.D. Bottom	Remarks
Monongahela			0	203			
Conemaugh			203				
Pittsburgh Coal			203	207			
Lime & Shale			207	272			
Sand & Shale			272	312			
Lime & Sand			312	354			
Sand & Shale			354	725			
Allegheny			725	1013			
Upper Freeport Lime			725	731			
Lower Kittanning Coal			955	957			
Pottsville			1013	1168			
Homewood Sands			1013	1055			
Mississippian			1168	1953			
Little Lime			1168	1190			
Pencil Cave Shale			1190	1194			
Greenbrier Lime			1239	1293			
Big Injun Sand			1293	1531			
Woir Group			1673	1759			
Berea Sand			1925	1953			
Devonian System			1953	6297			

RECEIVED

Formation	Color	Hard or Soft	Top 8	Bottom	T.V.D. Top	T.V.D. Bottom	Remarks
Catskill Group			1953	2166			
Top Chemung			2166	--			
Top Riley			2860	--	2858	--	
Hannon Sand			2956	2962	2953	2959	
Marcellus Shale			5602	5709	5557	5654	
Onondaga Lime			5709	5929	5654	5881	
Oriskany (Ridgely)			5929	5982	5881	5934	
Oriskany (Shrivers)			5982	6196	5934	6147	
Helderberg Lime			6196	6297	6147	6248	
Silurian System			6297	--	6248	--	
Keyser Lime			6297	6400	6248	6351	
Top Salina Group			6585	--	6536	--	
Salt			6585	6679	6536	6630	
Anhydrite & Dolomite			6679	6696	6630	6647	
Salt			6696	6724	6647	6675	
Anhydrite & Dolomite			6724	6740	6675	6691	
Salt			6740	6744	6691	6695	
Anhydrite & Dolomite			6744	6757 (TD)	6695	6708 T.D.	

NOTE: This well was directionally drilled, and both the measured depths and the true vertical depths are given above. All depths are from the surface of the ground; i.e., from an elevation of 633' above sea level.

Date _____, 19__

APPROVED _____, Owner

By _____ (Title)

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: PPG Industries, Inc. Operator Well No.: No. 33 Brine Well

LOCATION: Elevation: 633 ft. Quadrangle: Powhattan Point
 District: Franklin County: Marshall
 Latitude: (NAD 27) Feet South of Deg. Min. Sec.; Northing **4401160**
 Longitude: Feet West of Deg. Min. Sec.; Easting **511528**

Well Type: OIL GAS BRINE X

Company: PPG Industries, Inc. Coal Operator
PO Box 191 or Owner
New Martinsville, WV 26155

Agent: J. Thomas Horan, PPG Env. Mgr. Coal Operator
 or Owner

Permit Issued Date: 04/07/04

RECEIVED
 Office of Oil & Gas
 MAY 13 2004
 WV Department of
 Environmental Protection

AFFIDAVIT

STATE OF WEST VIRGINIA,
 County of Marshall ss:

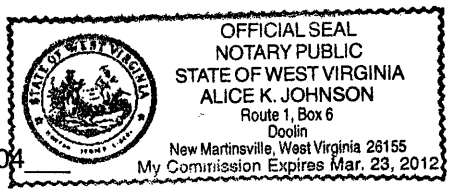
J.W.: John C. Whitehead and S.C.: Stephen M. Clark PE. being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and T.U.: Oil and Gas Inspector representing the Secretary, say that said work was commenced on the 15th day of April, 2004, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Infl. Plug	5276 ft.	5276 ft.	None	
Cement Plug	5276 ft.	5076 ft.	None	
Infl. Plug	5000 ft.	5000 ft.	None	
Cement Plug	5000 ft.	4600 ft.	None	
Bridge Plug	3049 ft.	3049 ft.	None	
Cement Retain	2930 ft.	2630 ft.	4 ft.	
Gel	2630 ft.	800 ft.	None	
Cement Plug	800 ft.	Surface	None	

5/25/04

Description of monument: Metal plate containing API # mounted on a 4 in. diam. x 4 ft. long steel pipe and that the work of plugging and filling said well was completed on the 28th day of April 2004.

And further deponents saith not.



Sworn and subscribe before me this 7th day of May, 2004
 My commission expires: Mar. 23, 2012
Alice K. Johnson
 Notary Public

Oil and Gas Inspector:

MARS 0535

MAY 28 2004