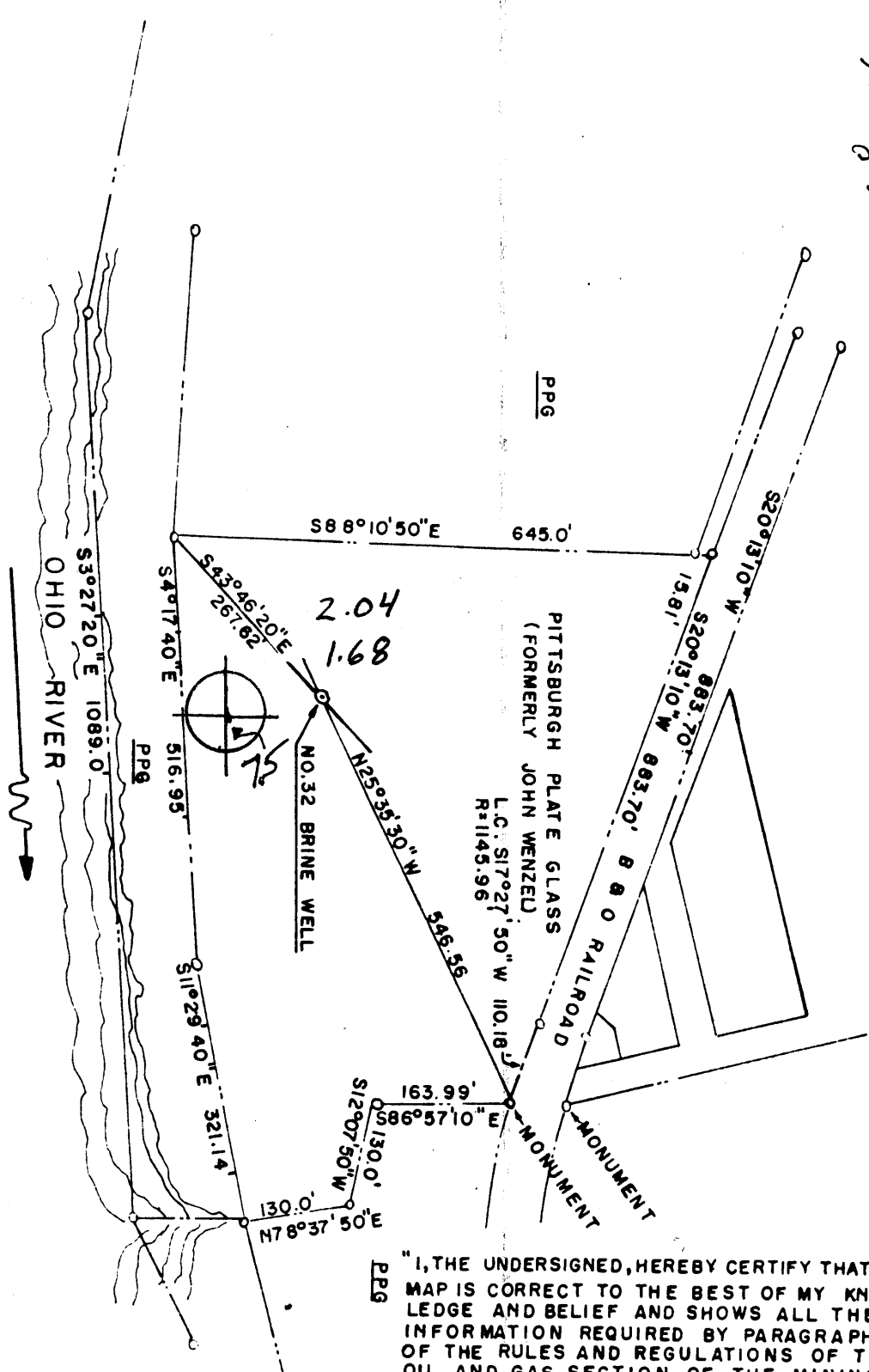
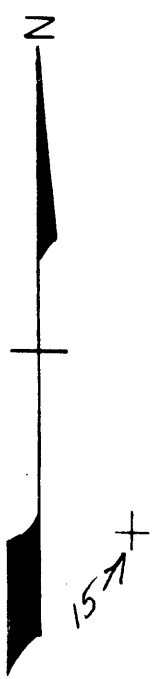


9020'

Latitude 15° 39' 50"  
75° 39' 47" 30

Longitude 80° 50' 00" 75"  
80° 45'

Janice 12/5/89



"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 SECTION OF THE MINING LAWS OF WEST VIRGINIA.  
BY J. A. Anderson  
DEGREE OF ACCURACY 1 IN 10,000

New Location   
Drill Deeper   
Abandonment  - 11/4/89

Company PITTSBURGH PLATE GLASS CO 3050  
Address BOX 191 NEW MARTINSVILLE, W. VA  
Farm PPG (FORMERLY JOHN WENZEL)  
Tract \_\_\_\_\_ Acres 14.0 Lease No. \_\_\_\_\_  
Well (Farm) No. 32 Serial No. \_\_\_\_\_  
Elevation (Spirit Level) 635.0'  
Quadrangle CLARINGTON, OHIO - W. VA 15/Powhatan 75  
County MARSHALL District FRANKLIN 3  
Engineer J. A. ANDERSON J. A. Anderson  
Engineer's Registration No. 1677  
File No. \_\_\_\_\_ Drawing No. SK-41162-6  
Date 9-17-65 Scale 1" = 200' DEEP WELL

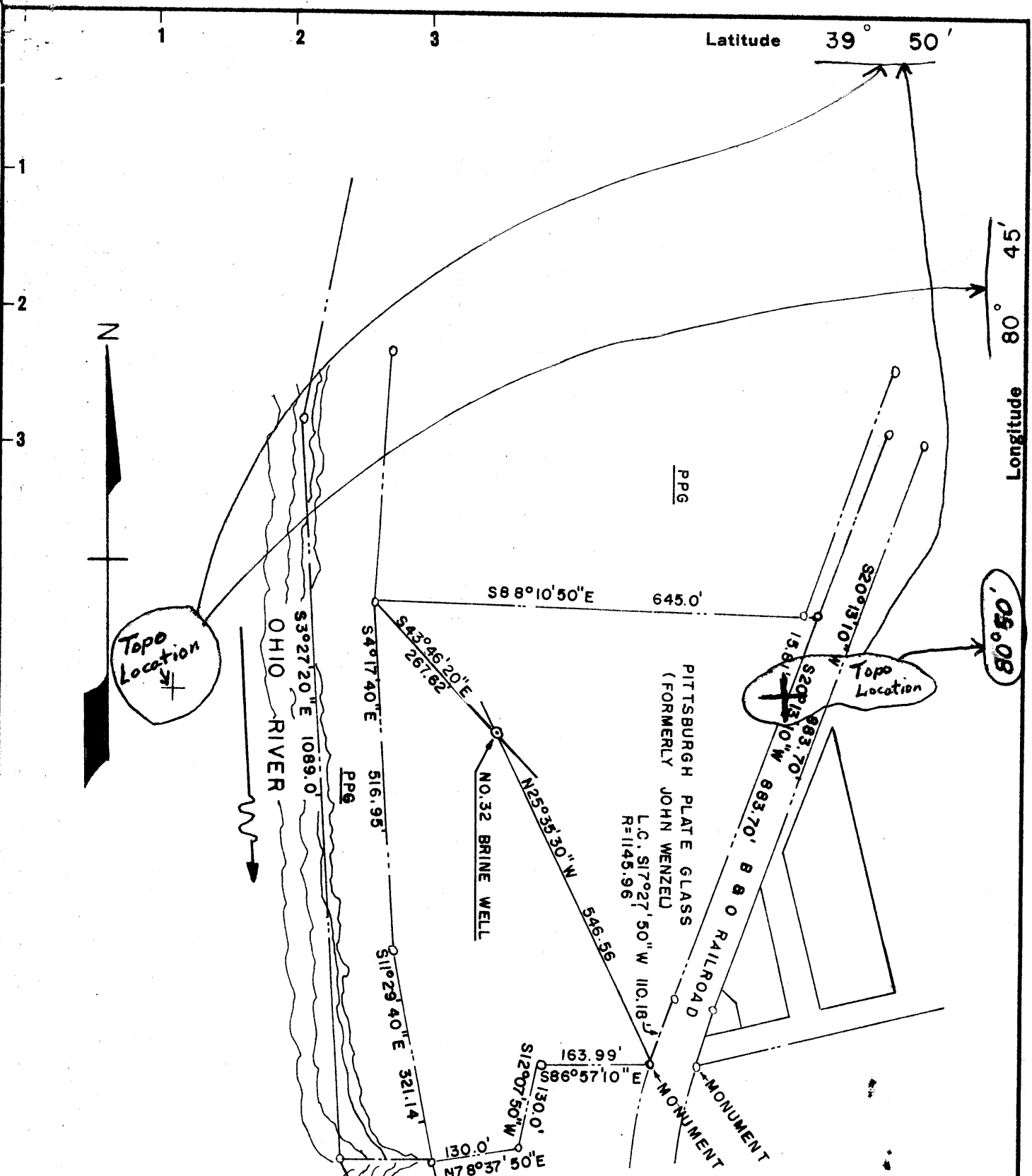
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP**  
FILE NO. 47-051-0528-P

+ 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-41162-G  
DEC 08 1989



Topo Location

Topo Location

New Location   
 Drill Deeper   
 Abandonment

4.97 S 39°50'  
 1.73 W. 80°50'  
 8 SC (D-8)

"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 SECTION OF THE MINING LAWS OF WEST VIRGINIA.  
 BY *J. A. Anderson*  
 DEGREE OF ACCURACY 1 IN 10,000

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. 32 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 635.0'  
 Quadrangle CLARINGTON, OHIO - W. VA. - SC  
 County MARSHALL District FRANKLIN  
 Engineer J. A. ANDERSON *J. A. Anderson*  
 Engineer's Registration No. 1677  
 File No. \_\_\_\_\_ Drawing No. SK-41162-G  
 Date 9-17-65 Scale 1" = 200'

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

**WELL LOCATION MAP**  
 FILE NO. MARS-528  
BRINE WELL

+ 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-41162-G

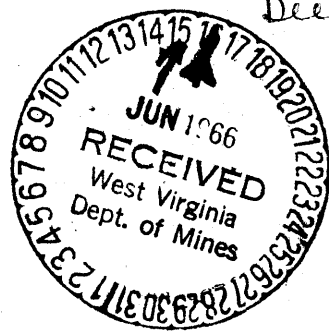
No. Samples

9-0-0

Done Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 12



WELL RECORD

Permit No. Mars 528

Oil or Gas Well Salt  
(KIND)

Company Pittsburgh Plate Glass Co.  
 Address New Martinsville, W. Va.  
 Farm John Wetzel Acres N/A  
 Location (waters) East Bank Ohio River - Sodium  
 Well No. 32 Elev. 635' R.T. 644'  
 District Franklin County Marshall  
 The surface of tract is owned in fee by Pittsburgh Plate Glass Co. Address New Martinsville  
 Mineral rights are owned by Pittsburgh Plate Glass Co. Address New Martinsville  
 Drilling commenced November 24, 1965  
 Drilling completed January 8, 1966  
 Date Shot N/A From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
None /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure No Data lbs. \_\_\_\_\_ hrs.  
 Oil None bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
18 Welded	60'	60'	Kind of Packer
18			
10 <sup>3/4</sup> <del>32-3/4</del> #	1568'	1568'	Size of _____
8 1/4			
6 3/4			Depth set _____
5 8/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
7" 0 26#	6678'	6678'	Perf. bottom _____

CASING CEMENTED 10-3/4" SIZE 1568 No. Ft. 12-3-65 Date  
7" 6678 1-10-66  
 COAL WAS ENCOUNTERED AT 138 FEET 1/8 INCHES  
216 FEET 36 INCHES 311 FEET 1/8 INCHES  
967 FEET 2 1/4 INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Monongahela							
Silt & Sand		Soft	0	75			
Lime & Shale			75	138			
Coal			138	142			
Lime & Shale			142	216			
Conemaugh			216				
Coal (Pittsburgh)			216	219			
Lime & Shale			219	311			
Coal			311	315			
Shale & Lime			315	417			
Coal (?)			417	424			
Shale & Lime			424	738			
Allegheny			738	1038			
Freeport Lime (Upper)			738	744			
Coal (Lower Kittanning)			967	969			
Pottsville			1038	1153			
Homewood Sands			1038	1070			
Mississippian							
Little Lime			1153	1174			
Pencil Cave Shale			1174	1178			
Greenbriar Lime (Big Lime)			1260	1313			
Big Injun Sand			1313	1543			
Veir Group			1700	1774			
Serea Sand			1896	1933			
Devonian System			1933	6269			
Catskill Group			1933	2204			
Top Chemung			2204	?			
Top Riley (?)			2822	?			
Benson Sand			2976	2979			
Marcellus Shale			5614	5693			
Onandaga Lime			5686	5906			
Oriskany (Ridgeley)			5915	5994			
Oriskany (Shriver)			5994	6167			
Helderberg Lime			6167	6269			
Silurian System			6269	----			
Lime		Hard	6269	6362			
Top Salina Group			6362				

Formation	Color	Hard or Soft	Top (2)	Bottom	Oil, Gas or Water	Depth Found	Remarks
Dolomite		Hard	6362	6464			
Chaly Dolomite & Anhydrite			6464	6575			
Salt		Hard	6575	6599			
Anhydrite			6592	6594			
Salt			6594	6646			
Anhydrite			6646	6648			
Salt			6648	6669			
Anhydrite & Dolomite			6669	6681			
Salt			6681	6712			
Anhydrite & Dolomite			6712	6726			
Salt			6726	6728			
Lime, Etc.			6728	6735			
Total Depth.				6735			

Date June 10, 1966, 1966

APPROVED PITTSBURGH PLATE GLASS CO., Owner

By J. B. Deams, Sr. Process Engineer  
(Title)

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

REC  
Office  
UIC  
MAR 15 93

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, 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.: BRINE WELL # 32

LOCATION: Elevation: 635.00 Quadrangle: POWHATAN POINT  
District: FRANKLIN County: MARSHALL  
Latitude: 1055 Feet South of 39 Deg. 50 Min. 0 Sec.  
Longitude 775 Feet West of 80 Deg. 45 Min. 0 Sec.

Well Type: OIL \_\_\_\_\_ GAS \_\_\_\_\_ BRINE

Company: PPG Industries, Inc.  
P.O. Box 191  
New Martinsville, WV 26155

Coal Operator PPG Industries, Inc.  
or Owner ~ Same ~

Agent: Ken S. Walburn

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Permit Issued: 11/04/89

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Marshall ss:

I. L. Morris Well Service and Halliburton Services 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 Mike Underwood Oil and Gas Inspector representing the Director, say that said work was commenced on the 6<sup>th</sup> day of November, 1989, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Set Permanent Bridge Plug	5170'	5170'		
Cut & Remove 7" casing	3723'	Surface	3723'	2941.4'
500' Cement Plug	5170'	4670'		
940' 6% Gel	4670'	3730'		
200' Cement	3730'	3530'		
1130' 6% Gel	3530'	2400'		
200' Cement	2400'	2200'		
600' 6% Gel	2200'	1600'		
200' Cement	1600'	1400'		
420' 6% Gel	1400'	980'		
980' Cement	980'	Surface		

*[Signature]* 3/19/93

Description of monument: 2" pipe and valve extend 3' above grade with well info tag, and that the work of plugging and filling said well was completed on the 17<sup>th</sup> day of November, 1989.

And further deponents saith not.

K.S. Walburn 1/5/93

Sworn and subscribe before me this 5<sup>th</sup> day of January, 1993

my commission expires: Mar 23, 2002



OFFICIAL SEAL  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
ALICE K. JOHNSON  
Route 1, Box 6 Doctin  
New Martinsville, West Virginia, 26155

Alice K. Johnson  
Notary Public

Oil and Gas Inspector: Randal [Signature]