

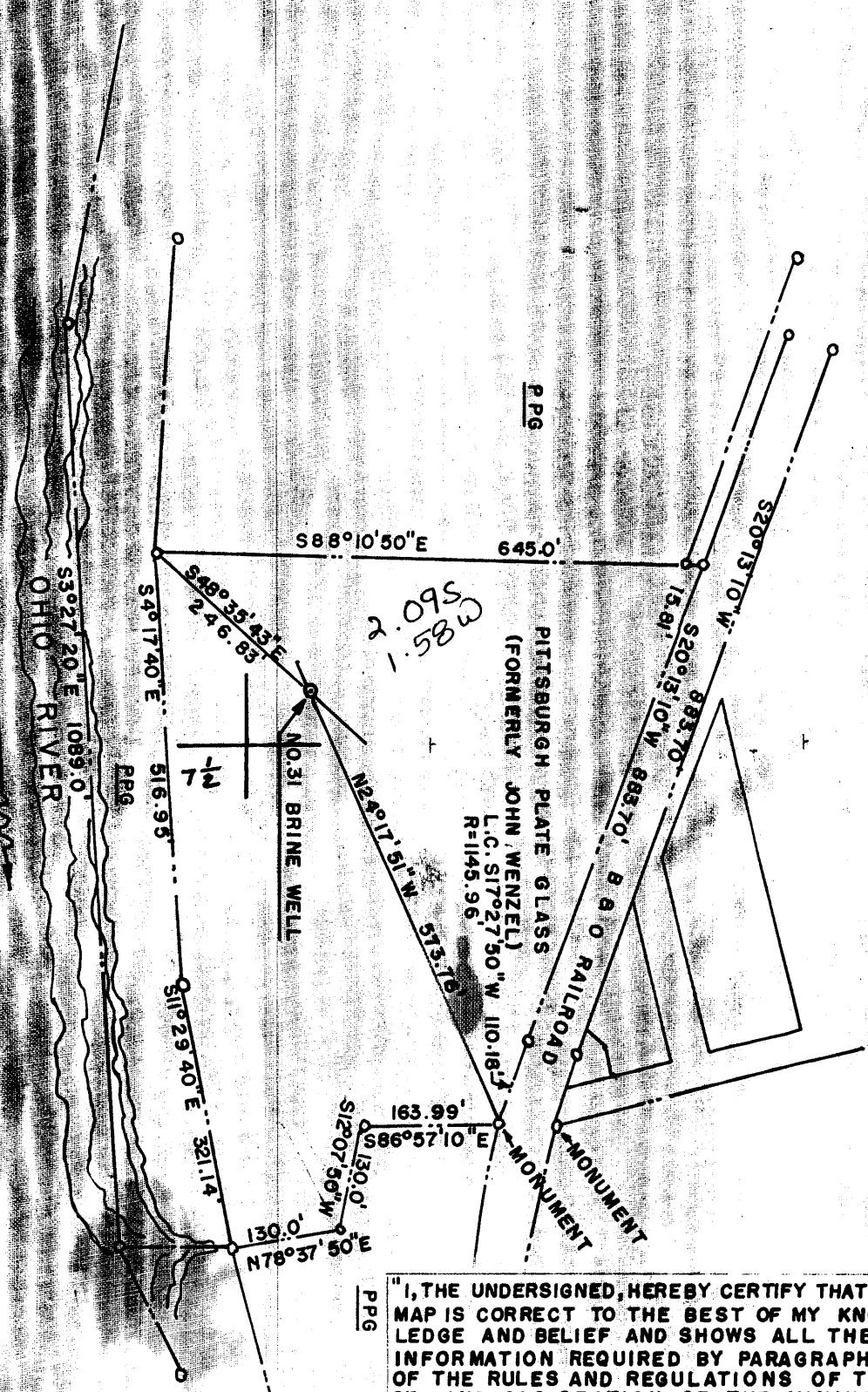
8400

Latitude 39° 50'
39° 47' 30"

Longitude 80° 50' 45'
80°



15



New Location
Drill Deeper
Abandonment

"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. 31 Serial No. _____
Elevation (Spirit Level) 635.0'
Quadrangle CLARINGTON, OHIO-W.VA. POWHATTEN POINT 7.5
County MARSHALL District FRANKLIN
Engineer J.A. ANDERSON J. A. Anderson
Engineer's Registration No. 1677
File No. _____ Drawing No. SK-41161-G
Date 8-17-65 Scale 1" = 200'

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

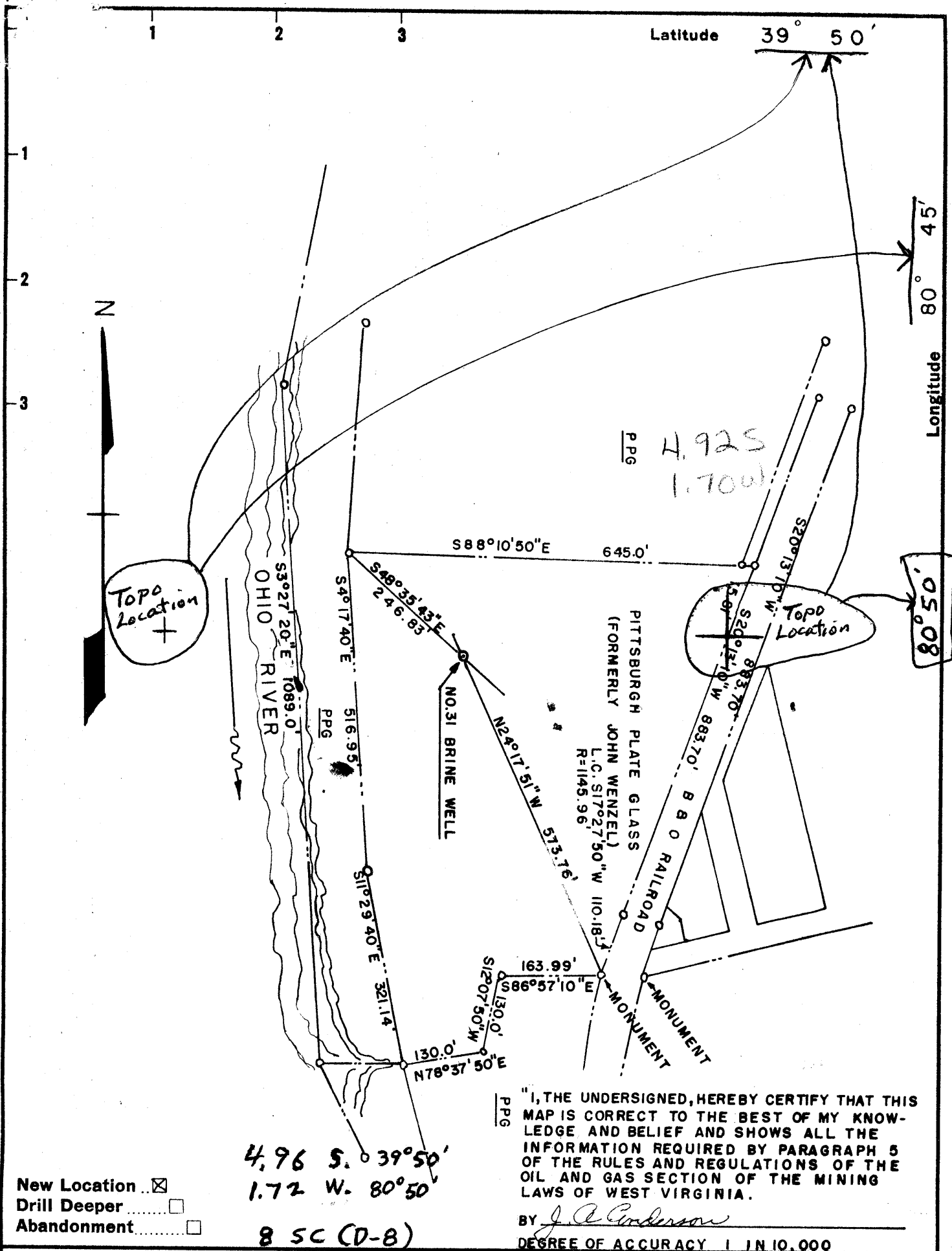
WELL LOCATION MAP

FILE NO. MARS-576-P
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-41161-G



New Location
 Drill Deeper
 Abandonment

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. (31) 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-41161-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-526
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-41161-G

No Samples

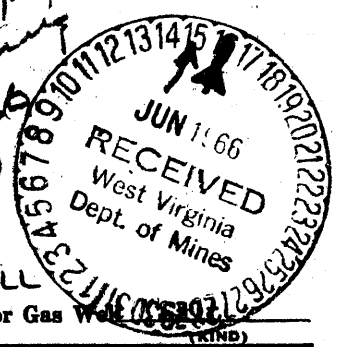
Deep Well 9-00



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Miss Phillips
gas flow
6-15-65
WOB



SALT WELL
Oil or Gas Well (KIND)

Permit No. Mars 526

Company Pittsburgh Plate Glass Co.
 Address New Martinsville, W. Va.
 Farm John Wetzel Acres N/A
 Location (waters) East Bank Ohio River - Natrium
 Well No. 31 Elev. Ground 6351 R.I. 641
 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 October 11, 1965
 Drilling completed November 16, 1965
 Date Shot _____ From _____ To _____
 With _____
 Open Flow None /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
10 3/4" #	1617'	1617'	Size of
8 1/2"			Depth set
6"			Perf. top
5 3/16"			Perf. bottom
3"			Perf. top
2"			Perf. bottom
Liners Used			
7"-26#	6669'	6669'	Perf. bottom

CASING CEMENTED 10-3/4" SIZE 1608 No. Ft. 10-19-65 Date
7" 6669 11-19-65
 COAL WAS ENCOUNTERED AT 138 FEET 48 INCHES
216 FEET 36 INCHES 311 FEET 48 INCHES
967 FEET 24 INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Monongahela			0	216			
Silt & Sand		Soft	0	75			
Lime & Shale			75	138			
Coal			138	142			
Lime & Shale			142	216			
Monongahela			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			1153	1933			
Little Lime			1153	1174			
Pencil Cave Shale			1174	1178			
Greenbriar Lime (Big Lime)			1260	1313			
Big Injun Sand			1313	1543			
Leir Group			1700	1774			
Berea Sand			1896	1933			
Devonian System			1933	6259			
Catskill Group			1933	2204			
Top Chemung			2204	?			
Top Riley(?)			2822	?			
Benson Sand			2976	2979			
Marcellus Shale			5606	5686			
Onandaga Lime			5686	5906			
Driskany (Ridgeley)			5906	5986			
Driskany (Shriver)			5986	6157			
Helderberg Lime			6157	6259			
Silurian System			6259	----			
Lime		Hard	6259	6354			
Top of Salina Group			6354				

1260
644
616
1313
644
669

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Dolomite		Hard	6354	6454			
Shaly Dolomite & Anhydrite			6454	6564			
Salt			6564	6578			
Anhydrite			6578	6579			
Salt			6579	6636			
Anhydrite			6636	6639			
Salt			6639	6660			
Anhydrite & Dolomite			6660	6676			
Salt			6676	6705			
Anhydrite & Dolomite			6705	6720			
Salt			6720	6723			
Hard Formation			6723	7024			
Salt			7024	7045			
Dolomite & Anhydrite			7045	7059			
Salt			7059	7060			
Dolomite & Anhydrite			7060	7110			
Salt			7110	7114			
Dolomite & Anhydrite			7114	7160			
Total Depth				7160			

Date June 10, 1966, 1966

APPROVED PITTSBURGH PLATE GLASS CO., Owner

By J. B. Dahms, Senior Process Engr.
(Title)

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

FEB 20 1998

AFFIDAVIT OF PLUGGING AND FILLING WELL

Permitting

Office of Oil & Gas

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.: 31

LOCATION: Elevation: 635.00 Quadrangle: POWHATAN POINT
District: FRANKLIN County: MARSHALL
Latitude: 10900 Feet South of 39 Deg. 47 Min. 30 Sec.
Longitude: 8400 Feet West of 80 Deg. 50 Min. 0 Sec.

Well Type: OIL _____ GAS _____ BRINE X

Company: PPG INDUSTRIES, INC. Coal Operator PPG INDUSTRIES, INC.
PO BOX 191 or Owner PO BOX 191
NEW MARTINSVILLE WV 26155 NEW MARTINSVILLE WV 26155

Agent: _____ Coal Operator _____
or Owner _____

Permit Issued: 04/07/97

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MARSHALL ss:

LANG BROS. INC. and BT SERVICES, INC. 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 RANDALL MICK Oil and Gas Inspector representing the Director, say that said work was commenced on the 1st day of APRIL, 1997, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
7" BAKER INELUTABLE BRIDGEPIV	5313.05'	5301.46'		
SAND	5301.46'	5251.46'		
CEMENT 150 SACKS	5251.46'	4819.80'		
BARITE DRILLING MUD	4819.80'	2000'		
BAKER CEMENT RETAINER 10 3/4"	1281.58'	1275.58'		
CEMENT 182 SACKS	1275.58'	800'		
CEMENT 400 SACKS	800'	SURFACE		
10 3/4" CASING	1607.60'	SURFACE	NONE	1607.60'
7" TUBING	6674.4'	SURFACE	1374.50'	5299.9'

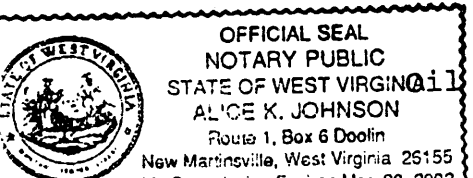
Description of monument: 7" DIAMETER PIPE 4' HIGH WITH 2" VALVE AND ID
and that the work of plugging and filling said well was completed on the 30th day of APRIL, 1997.

And further deponents saith not.

J. T. Heran 10/20/97

Sworn and subscribe before me this 20th day of October, 1997
My commission expires: Mar 23, 2002

Alice K. Johnson
Notary Public
Michael D. Jones



Oil and Gas Inspector:

099 P Well

FEB 20 1998