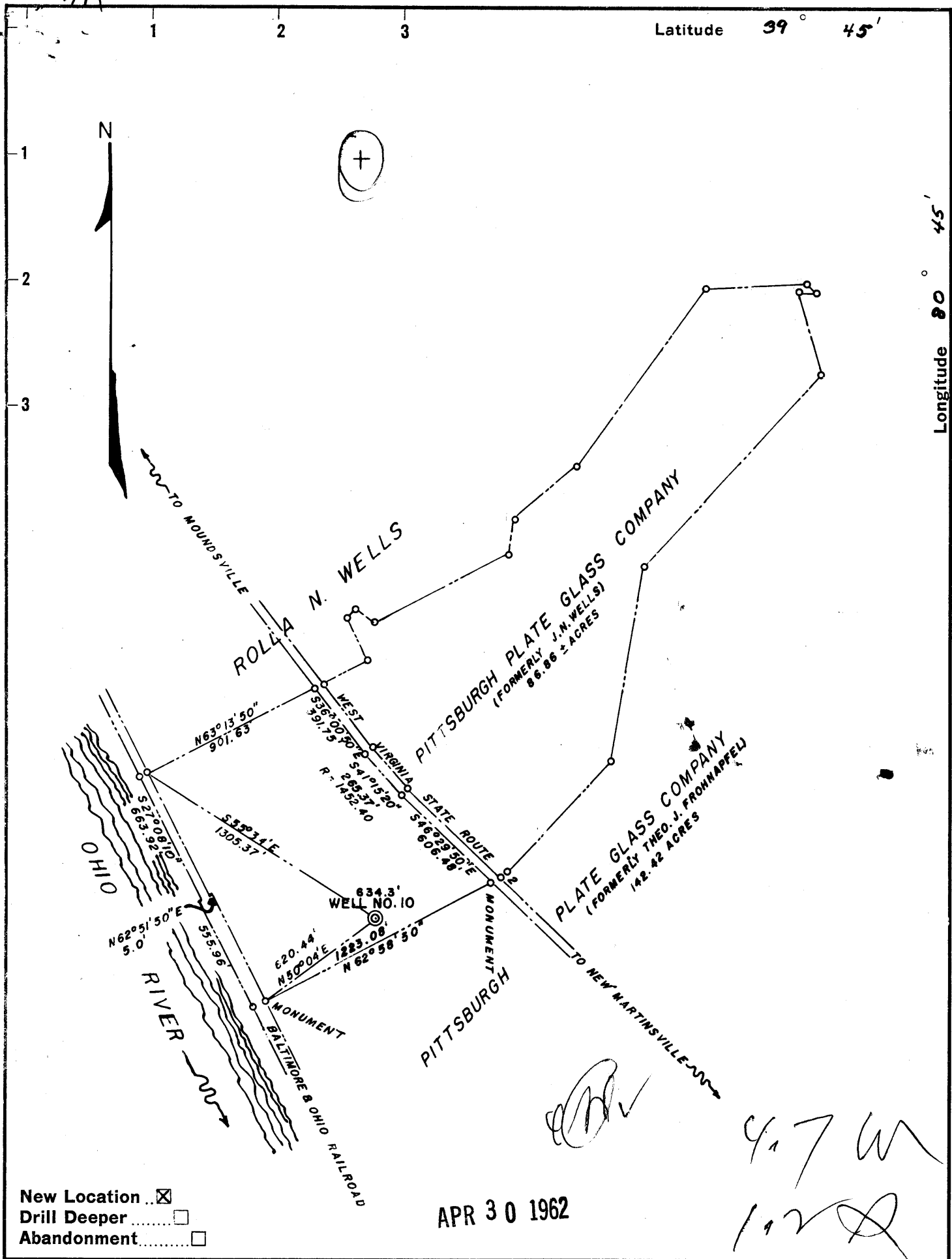


Latitude 39° 45'

Longitude 80° 45'



New Location
 Drill Deeper
 Abandonment

APR 30 1962

Handwritten signatures and notes:
 4.7 W
 1.2 D

Company PITTSBURGH PLATE GLASS CO.
 Address NEW MARTINSVILLE, W. VA.
 Farm PPG (FORMERLY JN WELLS)
 Tract _____ Acres 86.86 Lease No. _____
 Well (Farm) No. 10 Serial No. _____
 Elevation (Spirit Level) 634.3'
 Quadrangle NEW MARTINSVILLE
 County MARSHALL District FRANKLIN
 Engineer C.E. MINOR
 Engineer's Registration No. 1712
 File No. _____ Drawing No. SK-40994-G
 Date APRIL 10 1962 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. MARS-443

+ 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-40994-G

Handwritten notes at bottom:
 PITTSBURGH PLATE GLASS well no. 10 Deep well (J.N. WELLS)
 PITTSBURGH PLATE GLASS MARS-443



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 24

Quad- New Martinsville

WELL RECORD

Permit No. MARS-1413

Oil or Gas Well Brine
(KIND)

Company Pittsburgh Plate Glass Company
Address New Martinsville, West Virginia
Farm J. N. Wells Acres 86.86
Location (waters) East Bank Ohio River, Natrium
Well No. 10 Elev. 634.3
District Franklin County Marshall
The surface of tract is owned in fee by Pittsburgh Plate Glass Company Address New Martinsville
Mineral rights are owned by Pittsburgh Plate Glass Company Address New Martinsville
Drilling commenced April 27, 1962
Drilling completed June 3, 1962
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	61	61	Kind of Packer
18			
10	1612	1612	Size of
8 1/4			
6 3/4	6811	6811	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

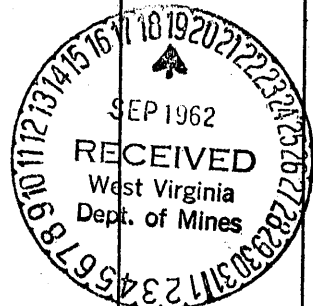
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
----		----	0	12			
Clay		Soft	12	47			
Sand & Gravel		Soft	47	73			
Sand		Hard	73	82			
Shale		Hard	82	92			
Sandy Lime		Hard	92	102			
Shale		Hard	102	110			
Sand		Hard	110	127			
Shale		Hard	127	132			
Sand		Hard	132	146			
Shale		Hard	146	153			
Sand		Hard	153	163			
Sandy Shale		Hard	163	176			
Sand		Hard	176	183			
Shale		Hard	183	191			
Sand		Hard	191	202			
Shale		Hard	202	224			
Sand		Hard	224	229			
Shale		Hard	229	237			
Sand		Hard	237	250			
Shale		Hard	250	258			
Coal		Hard	258	262 →			
Shale		Hard	262	288			
Sand		Hard	288	313			
Shale		Hard	313	377			
Sand		Hard	377	407			
Shale		Hard	407	512			
Sand		Hard	512	534			
Shale		Hard	534	570			
Sand		Hard	570	591			
Sandy Shale		Hard	591	736			
Sand		Hard	736	752			
Shale		Hard	752	756			
Sand		Hard	756	779			
Sandy Shale		Hard	779	865			
Coal		Hard	865	869			
Shale		Hard	869	888			
Coal		Hard	888	893			
Shale		Hard	893	924			



1308
634
674

634
258
377

Pittsburgh Coal

J. N. WELLS No. 10 - PITTSBURGH PLATE GLASS Co. - MARS AA3

Formation	Color	Hard or Soft	Top 24	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand		Hard	924	928			
Shale		Hard	928	962			
Sand		Hard	962	1007			
Shale		Hard	1007	1108			
Sand		Hard	1108	1125			
Sandy Shale		Hard	1125	1220			
Sand		Hard	1220	1259			Maxton
Shale		Hard	1259	1271			
Lime		Hard	1271	1281			Little Lime
Shale		Hard	1281	1292			Pencil Cave
Sand		Hard	1292	1308			
Lime		Hard	1308	1356			Big Lime
Sand		Hard	1356	1390			Keener
Sand		Hard	1390	1601			Big Injun
Sand		Hard	1601	1620			Squaw
Shale		Hard	1620	1764			
Sand		Hard	1764	1879			Weir
Shale		Hard	1879	1963			
Sand		Hard	1963	1968			
Shale		Hard	1968	1974			
Sand		Hard	1974	1978			
Shale		Hard	1978	2112			
Sand		Hard	2112	2141			
Shale		Hard	2141	2302			
Sand		Hard	2302	2320			
Shale		Hard	2320	2347			
Sand		Hard	2347	2370			
Shale		Hard	2370	2911			
Shaly Sand		Hard	2911	2959			
Shale		Hard	2959	2979			
Shaly Sand		Hard	2979	2999			
Shale		Hard	2999	3805			
Shaly Sand		Hard	3805	3827			
Shale		Hard	3827	4008			
Shaly Sand		Hard	4008	4021			
Shale		Hard	4021	5729			
Shale		Hard	5729	5759			Calcareous
Shale		Hard	5759	5821			Marcellus
Lime		Hard	5821	6043			Onondaga
Sand		Hard	6043	6100			Oriskany
Lime		Hard	6100	6697			Helderberg
Salt & Lime		Hard	6697	6823			
Lime		Hard	6823	6841			T.D. 6841

1292
634
658

Date September 17, 1962

APPROVED Pittsburgh Plate Glass Company, Owner

By Calsine
(Title)

C. R. Giese, Plant Utilities Engineer