

40°22'30"

Latitude

80°35'00"

Longitude

2.25s
.86w

Topo Location

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

Company Wheeling Steel Corp

Farm Wheeling Steel Corp #109

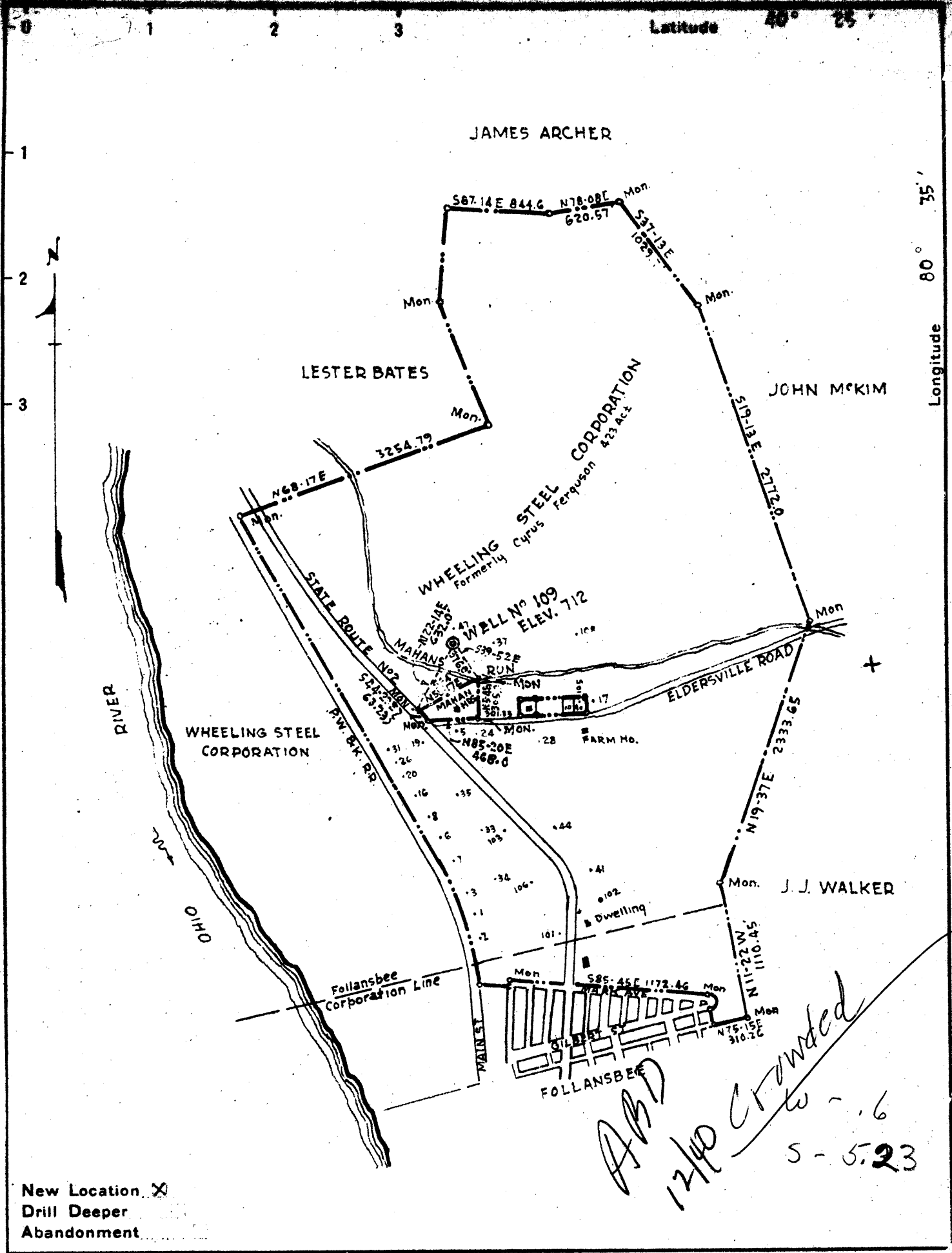
15' Quad _____
(sec.)

7.5' Quad Steubenville East

District Cross Creek

WELL LOCATION PLAT

County 009 Permit 24



New Location
 Drill Deeper
 Abandonment

AND
1740 Cont'd
to - .6
5-5.23

Company	WHEELING STEEL CORPORATION
Address	(General Office) Wheeling, W. Va
Farm	Wheeling Steel Corporation { Formerly Cyrus Ferguson }
Tract	Acres 423 Lease No.
Well (Farm) No.	109 Serial No.
Elevation (Spirit Level)	712.0
Quadrangle	Steubenville <input checked="" type="checkbox"/>
County	Brooke District Cross Creek
Engineer	Eugene M. Smith - C.C. Smith's Sons
Engineer's Registration No.	290
File No.	Drawing No.
Date	Nov. 9, 1940 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. **BRO-24**

+ 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.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. 880, 24

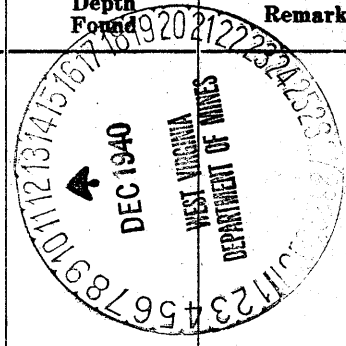
Oil or Gas Well Gas
(Kind) SM

Company WHEELING STEEL CORPORATION
 Address WHEELING, W. VA.
 Farm CORPORATION Acres 423
 Location (waters) 1/2 mile East of Ohio River
 Well No. 109 Elev. 712
 District GROSS CREEK County BROOKE
 The surface of tract is owned in fee by WHEELING
STEEL CORP. Address WHEELING, W.VA.
 Mineral rights are owned by SAKE
 Address _____
 Drilling commenced Nov. 12, 1940
 Drilling completed Dec. 9, 1940
 Date shot NOT SHOT Depth of shot _____
 Open Flow /10ths Water in NONE Inch
NONE /10ths Merc. in NONE Inch
 Volume NONE Cu. Ft.
 Rock Pressure NONE lbs. _____ hrs.
 Oil NONE bbls., 1st 24 hrs.
 Fresh water 100 feet 135 feet
 Salt water 390 feet (500-60) feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	NONE		Kind of Packer <u>NONE</u>
13	NONE		
10	18 ft.		Size of _____
8 1/4	75 ft.		
6 5/8	498 ft.		Depth set _____
5 3/16	NONE		
3	NONE		Perf. top <u>NO</u>
2	NONE		Perf. bottom <u>NO</u>
Liners Used	NONE		Perf. top <u>NO</u>
			Perf. bottom <u>NO</u>

CASING CEMENTED NO SIZE _____ No. FT. _____ Date _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
235 FEET _____ INCHES 265 FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
SAND & GRAVEL	BROWN	SOFT	TOP	18 ft.			
SHALE	GRAY	"	18 ft.	25 "			
RED ROCK	RED	HARD	25 "	60 "			
SHALE	GRAY	"	60 "	75 "			
SAND	WHITE	MED.	75 "	100 "			
SHALE	BLACK	"	100 "	105 "			
SHALE	GRAY	HARD	105 "	135 "			
RED ROCK	RED	"	135 "	141 "			
SHALE	GRAY	"	141 "	177 "			
RED ROCK	RED	"	177 "	182 "			
SHALE	GRAY	MED.	182 "	212 "			
SLATE	BLACK	"	212 "	225 "			
SHALE	GRAY	SOFT	225 "	233 "			
SLATE	BLACK	MED.	233 "	235 "			
COAL	BLACK	"	235 "	238 "			
SHALE	GRAY	SOFT	238 "	265 "			
SLATE & COAL	BLACK	MED.	265 "	285 "			Upper Fract
SLATE & SHALE	BLACK	SOFT	285 "	300 "	(showing of coal at 265')		Lower "
SHALE	GRAY	"	300 "	320 "			Buddy
SHALE	GRAY & BLACK	"	320 "	340 "			
SHALE	GRAY & BLACK	"	340 "	390 "			
SAND	WHITE - COARSE	MED.	390 "	430 "			COW RUN
SHALE & SHELLS	GRAY & BLACK	"	430 "	498 "			
SHALE	GRAY	"	498 "	500 "			
LIME	BLACK	HARD	500 "	531 "			
LIME	BLACK	HARD	531 "	535 "			
LIME	LIGHT GRAY	MED.	535 "	555 "			
SAND	WHITE	MED.	555 "	560 "			Salt Sand



NOTE: This well, No. 109, was drilled to SALT SAND with expectation of getting gas; however, water in large quantities, was encountered in the top of SALT SAND at depth points 555 feet to 560 feet, making it necessary to abandon project. Well will not be drilled any deeper and will be plugged.
 TOTAL DEPTH 560 FEET.

