Latitude

Longitude

2.615 .81w

Tope Location

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

Company Wheeling Steel Corp

Farm Wheeling Steel Cop#34

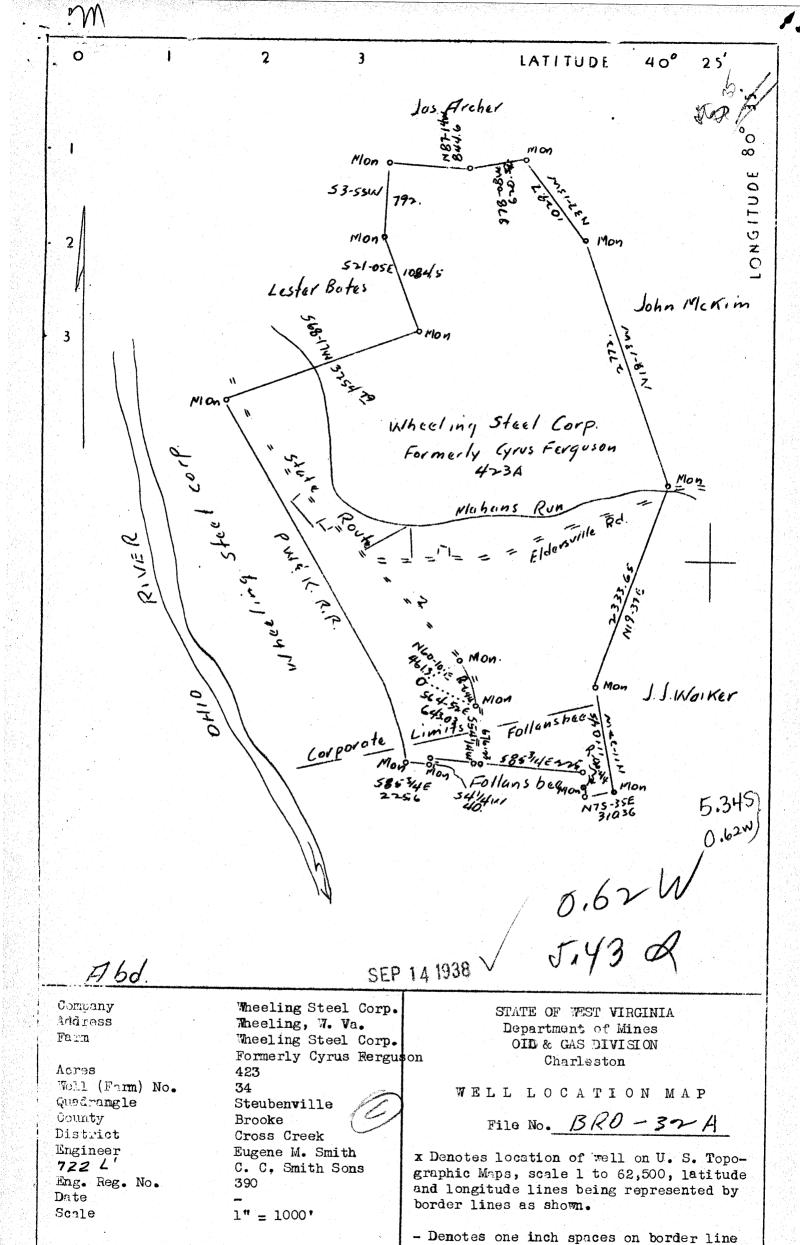
15' Quad ______ (sec.)

7.5' Quad Steubonullo East

District Goss Geek

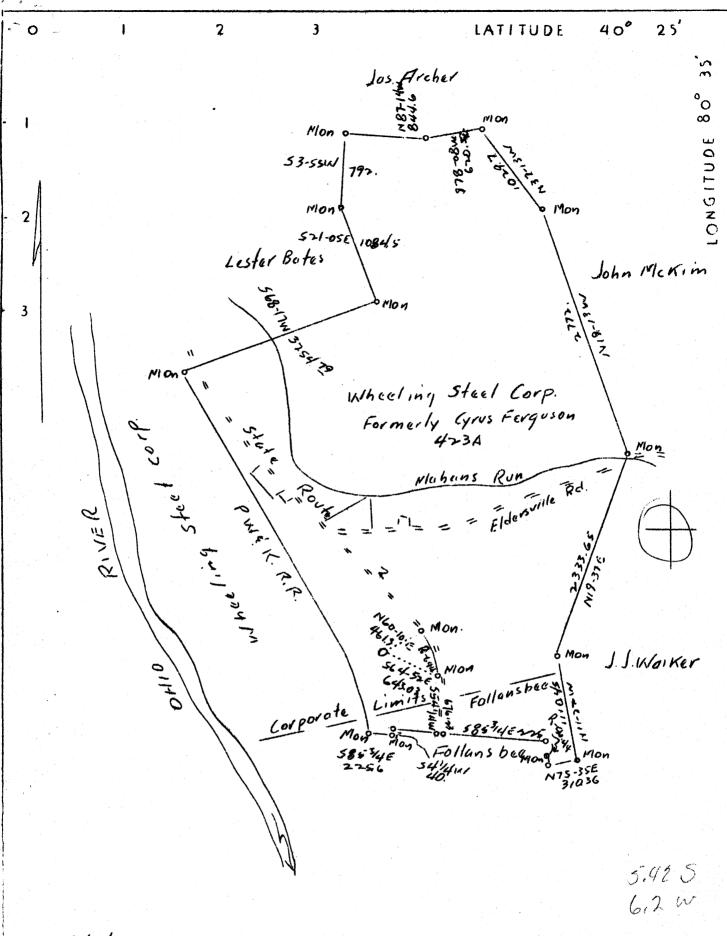
WELL LOCATION PLAT

County <u>009</u> Permit <u>30032</u>



WHEELING STEEL PRP. (FORMERLY CYRUS FERGUSON) NO. 34 - WHEELING STEEL CORP. - BRO-32-A.

of original tracing.



Abd.

Company Address Farn

Acres
Well (Farm) No.
Quadrangle
County
District
Engineer

Eng. Reg. No. Date Scale

Wheeling Steel Corp.
Wheeling, W. Va.
Wheeling Steel Corp.
Formerly Cyrus Rerguson
423

423
34
Steubenville
Brooke
Cross Creek
Eugene M. Smith
C. C. Smith Sons
390

1" = 1000'

STATE OF WEST VIRGINIA
Department of Mines
OID & GAS DIVISION
Charleston

WELL LOCATION MAP

File No. BRO -32 A

x Denotes location of well on U. S. 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.

WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

(23)

WELL RECORD

Casing and Tubing Used in Drilling

Parmit No BRO - 32-A

Theeling Steel Corporation

Address Wheeling, West Virginia

QG-10

Company.....

Oil or Gas Well 011

Packers

Left in Well

Mineral rights are owned by Maga. Steel Dorys. Address. Sheeling. 5 8/18. 1080 1080 5-5/18* Depth set Alle Strongs. St. 1080 1080 5-5/18* Depth set Alle Strongs. Depth set Al	Location (waters Well No				Size		1 . 1	
Well No. Elev. PES 18. See Joseph County Excels 19. See Joseph County Se	Well No					i		
Similar Course County Brooks 15	******				16	207		Kind of Packer
the surface of tract is owned in fee by. The steel Corp. Address. Exhapting		4.4.		100 33				
Address Thesing 65/8 5975 Depth set 222 1050 Address Thesing 65/8	-	•					1 """)	
Address Mass. 1882. 1082. 65/8. 979 978 Depth set 222. Address Massing 5 3/16. 1080 1080 S-8/18- packer Formation Color Soft Top Bottom Oil Gas FeFT INCHES FEFT	he surface of tr	ract is owned i	n fee by	Steel Corp.	10			Size of
Address Realing 5 3/16 1000 1000 5-5/16 packer packer Address Realing 5 3/16 1000 1000 5-5/16 packer packer belling commenced. But hatcom 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			Address	ling	8¼	•••	••••	
Address Theeling on Month St. 1980 1009 S-7/15 packer St. 1980 1009 S-7/15 packer St. 1980 1009 S-7/15 packer St. 1980 1009 St. 1980 St. 1	fineral rights a	re owned by	The Steel	Corp.	6 5/8	-	773	Depth set
willing commenced by Record 2 at set to the period of shot so the bear 2 Deep Flow /10th More in					5 3/16	1050	1080	5-5/16" packer
willing completed. Depth of shot Met Liners Used. Depth of shot Met Liners Used. Depth of Joths Merc in								PERFERENCE SOL OF
Liners Used Perf. top John Water in Inch John Marc in Inch Sold Pressure Ibs. hrs. John Inch Sold Pressure John Marc Inch John								
The Flow /10ths Water in				4.4		l l	4 1	A Province of the Contract of
Total Mere in	ate shot		Depth of sh	ot Hot known	** ** ** ** ** ** ** ** ** ** ** ** **	1		
Tolume Bot Pressure Bot Show Bottom Color Pressure Bottom From State Pressure Bottom Formation Color Formation Color Bard or Soft Top Bottom Oil Gas or Water Formation Color Bard or Soft Top Bottom Oil Gas or Water Found Remarks The second of the second	pen Flow	/10ths Water	i n	Inch				Perf. bottom
Color Pressure		/10ths Merc.	in		48		No record	
Bollow B	/olume		.kmbara	Cu. Ft.	CASING CE			No. FTDat
bils., lst 24 hrs. Tesh water feet feet feet A86 FEET - INCHES FEET INCHES FE								
Formation Color Hard or feet feet FEET INCHES FEET INCHES Formation Color Hard or Top Bottom O'll Gas Pound Remarks o' this wall was drilled shout thirty (50) years ago and no log and drilling record is available. The following information has been secured from sources, been been secured from sources, considered reliable; Doyth of hole is 1851 ft; easing used as per Data Sheet Ho. 1; three oil sands penetrated vis. Sait, Big Injun and Barea. Oil is found in Berea. Sait sand is about 50 ft. in thickness; Big Injun about 500 ft. and Berea averages 5ft. Berea sand light brown, soft and friable other sands are darker in color and harder. Upper and lower Proppert Soal measures are penetrated at depth points from surface of about 157 ft. and 156 ft. respectively. This coal is not being mined. Fight is pressured with air - 55f to 40f and producing wells are obsume pumped with gauge registering about 25 in.					COAL WAS	ENCOUNTER	RED AT 887 F	FEET 6 INCHE
Formation Color Hard or Top Bottom Oil Gas Depth Remarks Office well was drilled about thirty (50) years ago and no log aff drilling record is available. The following information has been assured from sources, considered reliable; Depth of hole is 1881 ft; easing used as per Data Sheet No. 1; three oil sands passizated vis. Salt, Big Injun and Bares. Oil is found in Beres. Salt sand is about 50 ft. in thickness; Big Injun about 800 ft. and Beres averages 25 ft. Beres and light brems, soft and frieble - other sand are darker in color and harder. Upper and lower reseport soal measures are penetrated at depth points from surface of about 187 ft. and 186 ft. respectively. This coal is not being mined. This coal is not being mined.								
Formation Color Hard or Soft Top Bottom Oil Gas or Water Found Remarks This wall was drilled about thirty (50) years ago and no log was drilling record is available. The following information has been secured from sources, considered reliable; Depth of hole is 1881 ft; easing used as per Data Sheet No. 1; three oil sames passivated vis. Salt, Big Injun and Beree. Oil is found in Beree. Salt sand is about 50 ft. in thickness; Big Injun about 200 ft. and Beree averages 25 ft. Berei and light brown, soft and frieble other sands are darked in color and harder. Upper and lower Freepert coal measures are penetrated at depth points from surface of about 187 ft. and 256 ft. respectively. This coal is not being mined. Finish is pressured with air - S6f to 40f and producing walls are excess pumped with gauge registering about 25 in.								
This wall was drilled about thirty (50) years ago and no log of drilling record is available. The following information has been secured from sources, considered reliable; Depth of hole is 1851 ff; easing used as per Data Sheet No. 1; three oil sands penetrated vis. Salt, sig linjun and here. Oil is found in nerse. Salt sand is about 50 ft. in thickness; Big Injun about 50 ft. and Berin averages 35 ft. Beren sand light brown, soft and frieble - other sands are darker in color and harder. Upper and lower Prospert coal measures are penetrated at depth points from surface of about 127 ft. and 156 ft. respectively. This coal is not being mined.	alt water	<u> </u>	feet	feet	,FE	£T	NCHESP	EETINCHE
This wall was drilled about thirty (50) years ago and no log of drilling record is available. The following information has been secured from sources, considered reliable; Depth of hole is 1851 ff; easing used as per Data Sheet No. 1; three oil sands penetrated vis. Salt, sig linjun and here. Oil is found in nerse. Salt sand is about 50 ft. in thickness; Big Injun about 50 ft. and Berin averages 35 ft. Beren sand light brown, soft and frieble - other sands are darker in color and harder. Upper and lower Prospert coal measures are penetrated at depth points from surface of about 127 ft. and 156 ft. respectively. This coal is not being mined.					•			
This wall was drilled about thirty (50) years ago and no log and drilling record is available. The following information has been secured from sources, considered reliable: Doyth of hole is 1551 ft; easing used as protection of three oil sends penetrated vis. Salt, Big Injun and Berea. Oil is found in Berea. Salt sand is about 50 ft. in thickness; Big Injun about 500 ft. and Berea averages 35 ft. Berea sand light brown, soft and frieble other sands are darker in color and harder. Upper and lower Prospert Soal measures are penetrated at depth points from surface of about 137 ft. and 354 ft. respectively. This coal is not being mined. Plaid is pressured with air - 55f to 40f and producing wells are seems pumped with gange registering about 25 in.			1			Oil Coa	Donth	
Depth of hole is 1881 ft; easing used as per Data Sheet No. 1; three oil sands panetrated vis. Salt, Nig Injun and Errea. Oil is found in Berea. Salt sand is about 80 ft. in thickness; Nig Injun about 80 ft. and Berea averages 25 ft. Berea sand light brown, soft and frieble — other sands are darker in color and harder. Upper and lower prespect coal measures are penetrated at depth points from surface of about 25 ft. and 256 ft. respectively. This coal is not being mined. Piaks is pressured with air — 356 to 406 and producing wells are ensum pumped with games registering about 25 in.	Formation	Color		Тор	Bottom			Remarks
Depth of hole is 1881 ft; easing used as per Data Sheet No. 1; three oil sands panetrated vis. Salt, Big Injun and Beres. Oil is found in Beres. Salt sand is about 50 ft. in thickness; Big Injun about 500 ft. and Beres averages 25 ft. Beres sand light brown, soft and friable - other sands are darker in color and harder. Upper and lower Prespect coal measures are penetrated at depth points from surface of about 227 ft. and 356 ft. respectively. This coal is not being mined. Piage is pressured with air - 35f to 40f and producing wells are easum pumped with games registering about 25 in.	***		1	-				
Depth of hole is 1881 ft; easing used as per Data Sheet Ro. 1; three oil sands penetrated vis. Salt, Big Injun and Barea. Oil is found in Berea. Salt sand is about 50 ft. in thickness; Big Injun about 800 ft. and Barea everages 25 ft. Berea sand light brown, soft and friable - other sands are darker in color and harder. Upper and lower prospert coal measures are penetrated at depth points from surface of about 227 ft. and 266 ft. respectively. This coal is not being mined. Field is pressured with air - 856 to 406 and producing walls are ensum pumped with games registering about 25 in.			1	1				
This coal is not being mined. This coal is not being mined. This are ensured with air - 35% to 40% and producing wells are ensured with gauge registering about 25 in.			ing in Beree			1 4 4 4 4 4	** . *	
points from surface of about \$27 ft. and \$66 ft. respectively. This coel is not being mined. Plaid is pressured with air - 56f to 40f and producing wells are ensure purpod with gauge registering about 25 in.		light	jum about S brown, soft	00 ft. and Ber	rea average	a 25 ft.	Berea sand	
points from surface of about 127 ft. and 186 ft. respectively. This coal is not being mined. Plaid is pressured with air - 386 to 40f and producing wells are essue purpod with gauge registering about 25 in.		light	jum about S brown, soft	00 ft. and Ber	rea average	a 25 ft.	Berea sand	
This does in not being mined. Field is pressured with air - 56f to 40f and producing wells are exerting upon 25 in.		light and he	jun about S brown, soft rder.	Oft. and Ber and friable	réa average - other sen	s 25 ft. de ere der	Berea sand ker in soler	
Plane is pressured with air - 55f to 40f and producing wells are endum pumped with gauge registering about 25 in.		light and he	jun about S brown, soft rder. and lower P	oft, and Ber and friable resport scal	ria average - other sen noasures ar	s 25 ft. de are dar e penetrat	Berea sand her in color at depth	
Plane is pressured with air - 56f to 40f and producing wells are escaled with gauge registering about 25 in.		light and he	jun about S brown, soft rder. and lower P	oft, and Ber and friable resport scal	ria average - other sen noasures ar	s 25 ft. de are dar e penetrat	Berea sand her in color at depth	
891011723		light and he upper points	jun about Sibroun, soft rier. and lower Fi from surfa	oft, and Berand frieble comport scal	ria average - other sen noasures ar	s 25 ft. de are dar e penetrat	Berea sand her in color and at depth	
391011235		light and he upper points	jun about Sibroun, soft rier. and lower Fi from surfa	oft, and Berand frieble comport scal	ria average - other sen noasures ar	s 25 ft. de are dar e penetrat	Berea sand her in color and at depth	
7891017/2/37		light and he upper points	jun about Si breum, soft rear. and lower Professional is not	oft, and Berand frieble coopert soal according mixed.	rea everage other sen measures er E7 ft. end	a 25 ft. ds are dar e penetrat 256 ft. re	Berea sand her in soler sed at depth espectively.	
50 18 9 10 11 12 13 18 18 18 18 18 18 18 18 18 18 18 18 18		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal see of about a being mined.	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
891011121314 September 1997 Septembe		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal see of about a being mined.	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
50 8 9 10 11 12 13 14 50 50 50 50 50 50 50 50 50 50 50 50 50		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal see of about a being mined.	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
Co 8 9 10 11 12 13 /4 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal see of about a being mined.	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
18910111237 September 18 18 18 18 18 18 18 18 18 18 18 18 18		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal see of about a being mined.	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
18910117213/K		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal see of about a being mined.	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
18910117213/kg		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal see of about a being mined.	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
189101112131 BE		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal see of about a being mined.	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
18 9 10 11 12 13 14 15 16 15 16 16 16 16 16 16 16 16 16 16 16 16 16		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal comport soal component soal	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
18910117213/A		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal comport soal component soal	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
E 1891011121312		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal comport soal component soal	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
CON TO SECONDARY OF THE PROPERTY OF THE PROPER		light and he upper points	jum about Si breum, soft rder. and lower P from surfa- coal is not is pressure	of ft. and Berand frieble comport soal comport soal component soal	rea average other sen measures ar 87 ft. and	a 25 ft. ds are dar a penetrat 266 ft. re	Berea sand her in color and at depth espectively.	
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Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
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Date	9-3	3-38	19
APPROVED Wheeling	•		
_ /	vHr		
•	(Title)	Sull	

Cross Creek District, Brooke County, W. Va.

By Wheeling Steel Corporation, Wheeling, W. Va.

On 423 acres, along State Highway No. 2 and Ohio River.

Surface and minerals owned by Wheeling Steel Corp., Wheeling, W. Va.

Elevation, 722' L.

12½" steel pipe, 48'; 10" casing, 111'; 8½", 890'; 6½", 975': 5½", 1050'.

Wall packer, 5½", set hadron bottom of 5½" pipe, set at 1050'.

Casing not perforated. No liners used.

Coal was encountered at 227½-231 and 266-271'.

Abandonment reported to Dept. of Mines Sept. 3, 1938.

† mile east of Ohio River.

Oil well.

This well was drilled about thirty (30) years ago and no long or drilling record is available. The following information has been secured from sources, considered reliable:

Depth of hole is 1331 ft.; casing used as per data sheet No. 1; three oil sands penetrated, viz, Salt, Big Injun, and Berea. Oil is found in Berea. Salt Sand is about 50 ft. in thickness; Big Injun about 300 ft. and Berea averages 25 ft. Berea Sand light brown, soft and friable - other sands are darker in color and harder.

Upper and Lower Freeport Coal measures are penetrated at depth points from surface of about 227 ft. and 266 ft., respectively.

This coal is not being mined.

Field is pressured with air - 35# to 40# and producing wells are vacuum pumped with gauge registering about 25 in.