.39s .09w

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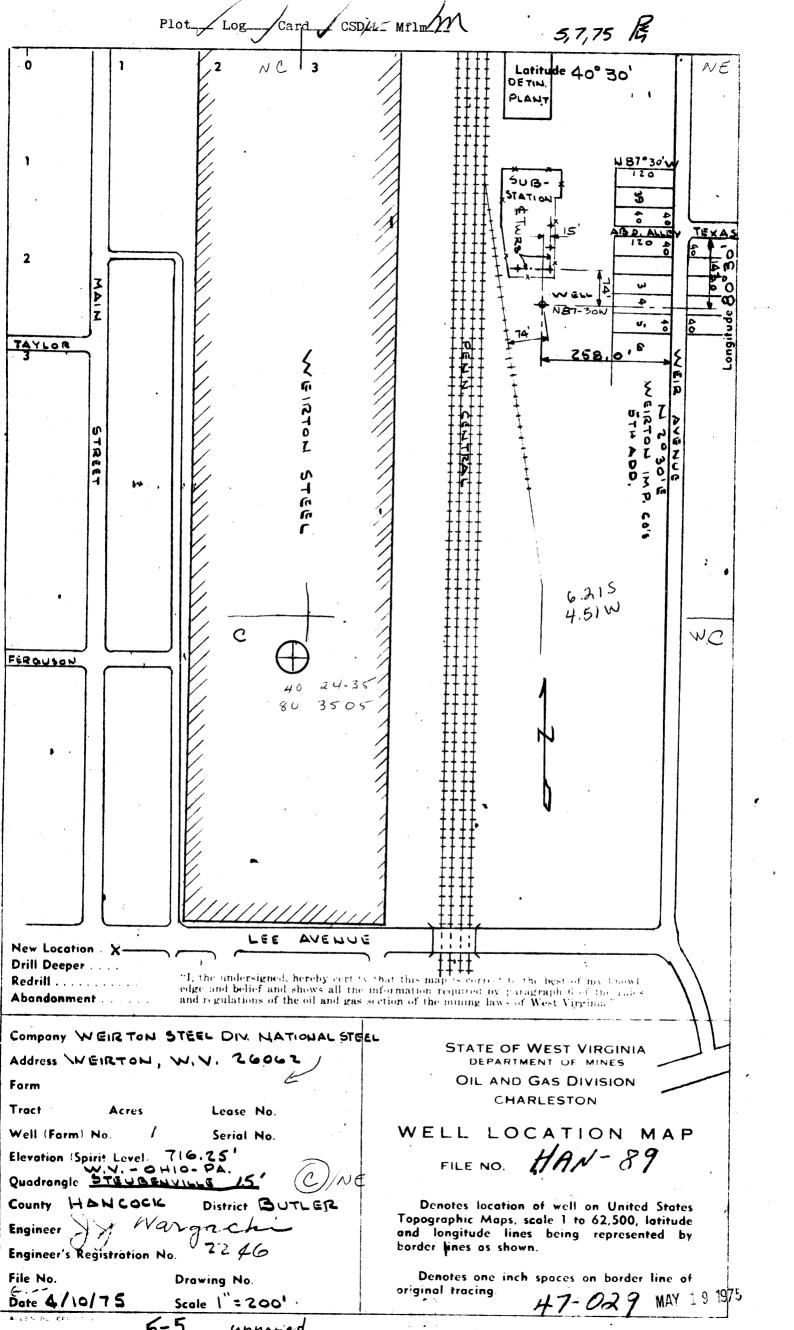
		rope	T 0 (3 8 7 /	0 <i>R</i>		
7.5'	Loe.	•			Loe.	-	<u></u>

Company National Steel Corp
,
Farm Dettinning Plant #1
15' Quad(sec.)
7.5' Quad Neinton

District Butto

WELL LOCATION PLAT

County 029 Permit 89







DEFT. OF MINES

STATE OF WEST VIRGINIA

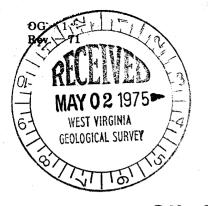
DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD

	WELL	RECOR	D	Rotary	Oil
				Cable	(Gasx)
Quadrangle Steubenville				Recycling_	Comb.
NAN-90				Water Floo	dStorage
Permit No. HAN-89				Disposal	(Kind)
•					(Kind)
Company Weirton Steel - Div. Na	t. St. Co	rp.	1 1	7 . 64	C
Address Weirton, W. Va. 26062		Cusing	1	·	Cement fill up
Form Detinning Plant Ac		Tubir	ng Drilling	in Well	Cu. ft. (Sks.)
Location (waters) Harmon Creek		<i>C</i> 1-			
Well No. 1 Ele		Size			
District Butler County Han	cock	. 20-16 Cond.			
· · · · · · · · · · · · · · · · · · ·		13-10"			1
The surface of tract is owned in fee by		9 5/8			1
Nat. St. Corp. Address Same		8 5/8			1
		7	205	205	-
Mineral rights are owned by		5 1/2	203	203	
Address				1748	220 sks.
Drilling Commenced 5-6-75		4 1/2		1740	220 SRS.
Drilling Completed 5-18-75		3			1
Initial open flowcu. ft	bbls.	x 1½"		1692	
Final production cu. ft. per day	bbls.	Liners Use	·d		_
Well openhrs. before test_	RP.				
Well treatment details:		Attach co	py of cementing re	ecord.	
Fractured in silt stringers	helow Gor		5 June 19		
Weir perf. but not treated	DOTON GGI	30.17 00133			
HELL DELLA DUE HOL LACULOU		· · · · · · · · · · · · · · · · · · ·			
			· · · · · · · · · · · · · · · · · · ·		
		Тe	sted 8-9-	76	
	·····		mcf + oil		
College					
Coal was encountered at					.
Fresh water Fee	et		_ Salt Water	2 1/20/5/1	Feet
Producing Sand Gordon & Berea			Depth $\frac{143}{C}$	2-1439 a 1	awer Born
					Berla)
Formation Color Hard or Soft	Top Feet	Bottom	Feet Oil, Gas	or Water	* Remarks
Sand & Shale	0	400	1		
Broken Sand	400		1		,
Sand & Shale	478				
Sand	540	ĺ	1		
Shale	570	6	1		
Sand	578		1		*
Shale	582	2 623	3		
Shaley Sand	623	640)		
Shale	640	652	2		
Sand, shaley (Injun)	652		5		
Sandy shale	736		I		
Sand, shaley (Weir)	860			show	
	872	li de la companya de		. gas show	9781
Shale, sandy	1012	E .		. gas show	970
Sand, shaley	i		<u> </u>	•	
Shale, Sandy	1054	1	i		
Sand (Be <u>r</u> ea)	1094	1			
Shale Lower Boren?	1112		l l		
Sand Berta	1118	I	1		
Shale & Sand Str.	1128	3 1430)		
Sand (Gordon)	1430) 1440)		
Shale & Sand Str.	1440				
Total Depth		1810	Poss	.gas show	1748 '
	<u> </u>				

(over)

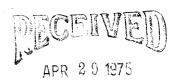
^{*} Indicates Electric Log tops in the remarks section.





WEST VIRGINIA

DEPARTMENT OF MINES





Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE April 22, 1975
Weirton Steel Division - Surface Owner National Steel Corporation	Weirton Steel Division - Company National Steel Corporation
Address P.O. Box 431, Weirton, W.Va. 26062	Address P.O. Box 431. Weirton, W.Va. 26062
Mineral Owner Weirton Steel Division - NSC	Farm National Steel Corporationes -
Address P.O. Box 431, Weirton, W.Va. 26062	Location (waters) Ohio
Coal Owner Weirton Steel Division - NSC	Well No. Hancock No. 2 Elevation 716.25
Address P.O. Box 431, Weirton, W.Va. 26062	District Butler County Hancock
Coal Operator Not Applicable	Quadrangle W.Va Ohio - Pa. Steubenville
Address	
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
All provisions being in accordance with Charm	
of the y. Va. Code, the location is nereby apply for drilling. This permit shall expire	
operations have not commenced by 9-1-75	
nobest thouse	
Deputy Director = Oil & Gas Division	ECTOR TO BE NOTIFIED Richard S. marris
	22
GENTLEMEN:	354-7259 ADDRESS Grantwell, wr.
	above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant or lease de	
made to	and recorded on the day of
19 in County, Book	Page
NEW WELLDRILL DEEPER	REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED	BEFORE JUNE 5, 1969.
	No. 11. 1 and an and all and annear and/or approximation
The enclosed plat was prepared by a registered engineer of have been notified as of the above date.	licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby i	notified that any objection they wish to make, or are required
to make by Section 3 of the Code, must be received by, or fil	ed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed by	registered mail, or delivered to the above named coal operators
or coal owners at their above shown respective addresssame day with the mailing or delivery of this copy to the Dep	artment of Mines at Charleston, West Virginia.
DIRACE CIRNIE CODIES OF ALL	
GEOPHYSICAL LOGS DIRECTLY TO:	Very truly yours,
West Virginia Geological and Economic Survey	Sign Name) Well Operator
P 0. Box 879	D.O. Pay 421
Morgantown, W. Va. 26505 Addres	P.O. Box 431 Street
AC 304-296-4461 of Wall Open	tor Weirton
Well Opera	City or Town
	West Virginia 26062
	T

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

Han-89 PERMIT NUMBER 47-029

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

	Exploration Company		
ADDRESS Box 330, Waynes	burg, Pa. 15370	ADDRESS	The second secon
TELEPHONE (412) 627-69)64	TELEPHONE	The state of the s
ESTIMATED DEPTH OF COMP	LETED WELL: 1800'	ROTARY	MABLE TOOLS
PROPOSED GEOLOGICAL FOR			
TYPE OF WELL: OIL_			DISPOSAL
THE OF WEEL.		INGWATER FLOC	
	nec rol	William Taxx	Carlos and the second s
TENTATIVE CASING PROGRA	M :		
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			en namel en namel des rendas ren, en
8 - 5/8			
7	196" or 36 Fee	t Below Freeport Coal	
5 ½			
4 1/2	1800.1		
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top Perf. Bottom
			Terr, notion
APPROXIMATE COAL DEPTHS	160*	, Lower	Freeport
APPROXIMATE COAL DEPTHS	160*		Freeport
APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN TI	160*	, Lower	Freeport
APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN TI TO DRILL:	HE AREA? No	, Lower	Freeport
APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE TO DRILL: SUBMIT FIVE (5) COPIES OF PLAT.	160° HE AREA? No S OF OG - 1, \$100.00 PERM	BY WHOM?	Freeport
APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE TO DRILL: SUBMIT FIVE (5) COPIES OF PLAT. TO DRILL DEEPER OR REDRICE SUBMIT FIVE (5) COPIES	HE AREA? NO S OF OG - 1, \$100.00 PERM LL: OF OG - 1, SHOWING ORIGINAL TO 1929, A PERMANENT	BY WHOM?	PREPORT OND AND PERMANENT COP O PERFORMANCE BOND. OF
OF PLAT. TO DRILL DEEPER OR REDRI SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITI	HE AREA? NO S OF OG - 1, \$100.00 PERM LL: OF OG - 1, SHOWING ORIGINAL TO 1929, A PERMANENT	BY WHOM? BY WHOM? MIT FEE, PERFORMANCE BO GINAL PERMIT NUMBER AND	PREPORT OND AND PERMANENT COP O PERFORMANCE BOND. OF
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APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN TO TO DRILL: SUBMIT FIVE (5) COPIES OF PLAT. TO DRILL DEEPER OR REDRI SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL (BOND, PERMANENT PLA	HE AREA? NO SOF OG - 1, \$100.00 PERM LL: OF OG - 1, SHOWING ORIO TO 1929, A PERMANENT PED. ORIGINALLY DRILLED BEF T AND ORIGINAL WELL RI ORIGINALLY DRILLED ON	BY WHOM? BY WHOM? MIT FEE, PERFORMANCE BO GINAL PERMIT NUMBER AND COPY OF THE PLAT AND TO ORE JUNE 5, 1929, FIVE (5) CECORD. AND/OR AFTER JUNE 5, 1929	PREPORT OND AND PERMANENT COP O PERFORMANCE BOND. OF HE ORIGINAL WELL RECOR
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this lease have examined and place on our mine maps this proposed well location.

providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia

We the National Steel Corporation

Code.

Weirton Steel Division - National Steel Corporation
Vice President - Engineering

have no objections to said well being drilled at this location,

Official Title