Longitude

Tope Location

Latitude

.265 1.13~

7.5' Loc.\_\_\_\_\_\_ 15' Loc.\_\_\_\_\_ (calc.)

Company Weinton Steed Dru. Nodo Sto Corp

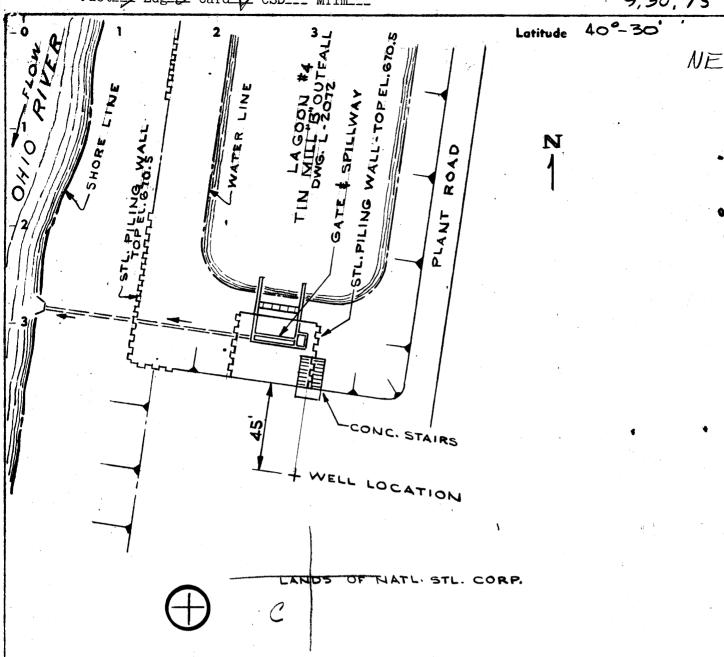
Farm Noto Stood Corp. # TMI

7.5' Quad Weinten

District Button

WELL LOCATION PLAT

County 029 Permit 90



Location

Drill Deeper . . . .

Redrill . . . . . . .

Abandonment 9/2/76

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and snows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the numing lays of West Virginia."

Company WEIRTON STL. DIV. - NATL. STL. CORP.

WEIRTON, W.VA. 26062

Nat. Stl. Corp.

Tract T M

Lease No.

Well (Farm) No.

Serial No.

**Elevation** (Spirit Level)

W.VA . - OHIO - PA .- STEUBENVILLE Quadrangle

Engineer's Registration No.

District BUTLER

2246

File No.

Drawing No.

8 - 24 - 75

1" = 50' Scale

Gordon Sand 1500

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION CHARLESTON

WELL LOCATION MAP

FILE NO HAN - 90-P

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.

OG-10 Rev. - 9-71





OFFT OF MINES

Rotary X Oil\_

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

## Oil and Gas Division WELL RECORD 2

Quadrangle Stuebenville Permit No. HAN-90				Disposal	
Company Weirton Steel - Div. Nat. S Address Weirton, W. Va. 26062 Farm Nat St. Corp Tin Mill Acres.	St. Corp.	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Well No. Butler County Han	67 <b>0.5</b> GL	Size 20-16 Cond.			
The surface of tract is owned in fee by		13-10° 9 5/8 8 5/8			
AQU CSS		7	202	202	60 sks.
Mineral rights are owned by Company	The arrangement of the second	5 1/2	202	202	OU SKB.
Address Drilling Commenced 10-7-75 Drilling Completed 10-18-75	and the same and t	4 1/2		1657	200 sks.
Drilling Commenced 10-18-75		3			
Drilling Completed 10-18-75	hhlo	2			
Initial open flowcu. ft	bbis.	Liners Used	-		
Final production NEG cu. ft. per day	DDIS.				
Well openhrs. before test4	<u>-"</u> Kr.	Attach copy of	rementing re	cord	
Well treatment details:  Frac. Berea & Injun		Attach copy of (	ememing re	coiu.	
Coal was encountered atFresh waterFeet	Feet	Salt	Water		Feet
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas	or Water	* Remarks
Fill Sandy Shale Sand	0 32 84	32 84 144			
Shaley Sand	144	156			
Coal Blossom Shaley Sand	156	254			
Sandy Shale	254	360			
Sand	360	408			
Sandy Shale	4 <b>0</b> 8	460			
Sand	460	514	l'		
Sandy Shale	514	544			
Sand	54 <u>4</u>	57 <b>2</b>			
Shale	57 <b>2</b>	588			
Sand	588 ` 6 <b>20</b>	620 632			
Shale	6 <b>32</b>	666			
Sand & shale	63 <b>2</b> 666	928			
Sandy shale Shaley Sand	9 <b>2</b> 8	976			
Shale (Coffee)	976	1011			
Berea	1011	1027			
Shale	1027	1032	1		
Berea	1032	1040			
Shale (sandy)	1040	1344			

(over)

Shale (sandy)

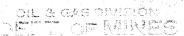
<sup>\*</sup> Indicates Electric Log tops in the remarks section.

Formation Color Hard or Soft	Top Feet 2	Bottom Feet	Oil, Gas or Water * Remarks
S <u>and (Gordon)</u> Shale (sandy) Total Depth	1344 1350	1350  1698	
intai Depth		1050	
		4	

•	THE Was amongs a manufacture to the state of
APPROVED	Weirton Steel Owner
	By(Title)







### Oil and Gas Division

### OIL AND GAS WELL PERMIT APPLICATION

10 THE DEPARTMENT OF MINES,	
Charleston, W. Va. Weirton Steel Division	DATE September 24, 1975 Weirton Steel Division
Surface Owner National Steel Corporation	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	Farm National Steel Corp. Acres 374.84
Address P. O. Box 431, Weirton, W. Va. 26062	Location (waters) Ohio River
Coal Owner Not Applicable	Well No. T.M1 Elevation 670.5
Address Not Applicable	District Butler County Hancock
Coal Operator Not Applicable	Quadrangle W.VaOhio-Pa.; Steubenville
Address Not Applicable	
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved	
for <u>drilling</u> . This permit shall expire if	
operations have not commenced by 1-30-76	
Deputy Director - Oil & Gas Division	OR TO BE NOTIFIED Donald Conners
GENTLEME \ PH: 428	3-8172 ADDRESS Mineral Wells, W. Va.
	above named farm or tract of land for oil and gas, having fee
title thereto: for as the case may be) under grant or lease dat	
made to	
19 County, Book	
$oldsymbol{v}$	REDRILL FRACTURE OR STIMULATE
OH AND GAS WELL ORIGINALLY DRILLED	
	DEFORE SCHEEN, 1909.
The enclosed plat was prepared by a registered engineer or 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 no to make by Section 3 of the Code, must be received by, or file	otified that any objection they wish to make, or are required d with the Department of Mines within ten (10) days.
Copies of his notice and the enclosed plat were mailed by re or coal owners at their above shown respective address same day, with the mailing or delivery of this copy to the Depa	day before or on the
GEOPHYSICAL LOGS DIRECTLY TO:	ery truly yours.
West Virginia Geological and Economic Survey P. O. Box 879	Well operator
Morgantown, W. Va. 26505 Address	F. O. Box 431
AC 304-296-4461 of	Street or Weirton
Well Operate	City or Town
	West Virginia 26062
	State

"SECTION 3..... It no objections are filed or found by the Department of mines, within said period of ten days from the receipt—of motice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit recump 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.

BLANKET BUND

Han-90

PERMIT NUMBER

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

PROPOSED WORK ORDER TO	DRILL	DEEPEN 50	ACCOUNTS STATULATE
DRILLING CONTRACTOR: (If NAME Paramount Explorat		RESPONSIBLE AGENT	
ADDRESS Box 330; Waynes	THE STATE OF AN ACCOUNT OF THE PROPERTY OF THE	ADDRESS	
TELEPHONE 412 - 627-614	, , , , , , , , , , , , , , , , , , ,		and the state of t
		TELEPHONE	· · · · · · · · · · · · · · · · · · ·
ESTIMATED DEPTH OF COMPI	C 1 C 1	ROTARY	AUGE TOOLS
PROPOSED GEOLOGICAL FOR	MATION.		
TYPE OF WELL: OIL	GAS X CO	OMB. STORAGE.	DISPOSAL
	RECYCLIN	WATER PLO	OD OTHER
TENTATIVE CASING PROGRAM	M:		
CACING AND TUBING			
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	OR SACKS - CUBIC DE
20 - 16			
13 - 10	and the state of t		
9 . 5/8	e Portugue de Carlos de La Carlos de La Carlos de Carlos		
n = 10		I.	· · · · · · · · · · · · · · · · · · ·
7	220 Ft.	220 Ft.	Circulate
4 1/2	1500 Ft.	1500 Ft.	Circulate
			Part. Top
2			Perf. Bottom
Liners		The second secon	Perf. Top
		and the second s	Perf. Bottom
the control of the co			
APPROXIMATE FRESH WATER	DEPTHS 150 FEET	SALT WATER	Frr
APPROXIMATE COAL DEPTHS	Not Applicable		P DD I
to coat puris arrives in me	No.	ر المراكب الم	<del></del>
IS COAL BEING MINED IN TH	E AREA? NO	BY WHOM?	
TO DRILL:			
SUBMIT FIVE (5) COPIES OF PLAT.	OF OG - 1, \$100.00 PERMIT		ND AND PERMANENT COPY
		្រាស់ ស្រាស់ ខ្លាំង ស្រាស់ ម៉ាន់ ម៉ាន់ ក្រុមប្រជាពលរដ្ឋាភិបាល ម៉ាន់ ម៉ាន	in the state of th
TO DEILL DEEPER OR REDRIE			
WELLS DRILLED PRIOR MUST ALSO BE SUBMITTI	ro 1929, a permanent co	NAL PERMIT NUMBER AND PY OF THE PLAT AND TI	PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
OIL AND/OR GAS WELL O	RIGINALLY DRILLED BEFOR	E JUNE 5, 1929, FIVE (5) C	OPIES OG - 1, PERFORMANCE
BOND, PERMANENT PLAT	AND ORIGINAL WELL RECO	ORD.	
OIL AND/OR GAS WELL O	RIGINALLY DRILLED ON AN	D/OR AFTER JUNE 5, 1929	, FIVE COPIES OG - 1, SHOW-
ING ORIGINAL PERMIT NU	MBER, AND PERFORMANCE	BOND.	
Required forms must be file	d within ninety (90) days of co	mpletion for hand release	Inspector to be notified twenty-
four (24) hours in advance.		bond release.	dispector to be notified twenty-
		delphanes (agencymaticae) o gwyddiainaeth ac 1 ac ac hafaeth b chan a maeddiainaeth a gwyd yn bar bae'i b ar ag Gwyddiainaeth a gwyddiainaeth a gwyddiainaeth a chan a gwyddiainaeth a gwyddia	
The following waiver must	be completed by the coal oper	ator if the permit is to be is	sued within ten days of receipt
thereof.			
WAIVER: I the undersigned, Age	nt for	Coal Company, Owner of	or Operator of the coal under
	ed and place on our mine map		
			l being drilled at this location,
providing operator has	complied with all rules and regul	ave no objections to said well	Charter 99 Call Was William
Code.	complica with an rules and regul	aviono in Airicies 4, 9, and 7,	Chapter 42 of the West Virginia
		For	Coal Company
		Particulation and inflamentary assessment in the control of the co	Official Title