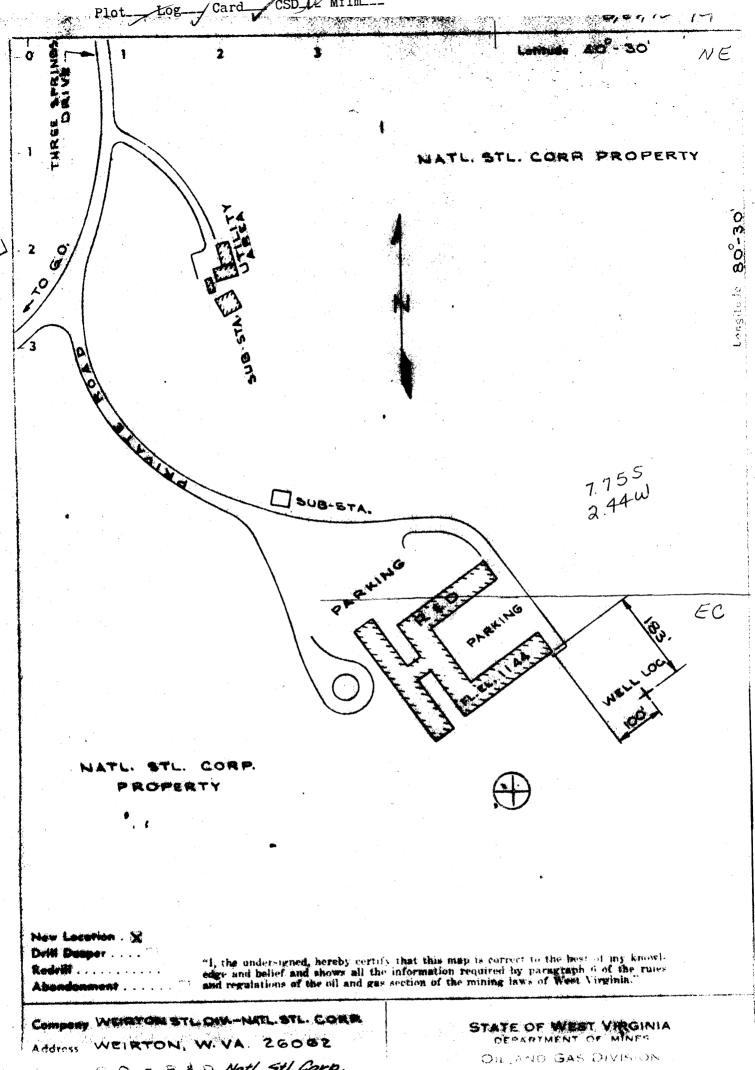
SEP 1 5 1976



G.O. - R&D Notl. Stl. Corp.

Acres 374.84 Lease No.

West (Form) No.GO-R&D-1 Serial No.

1145.0

Stavation (Spirit Level) W.VA. - OHIO - PA. EC /NE

BROOKE

District CROSS CRK. ingineer SS

2246 Engineer's Registration No.

Fue No.

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1"= 200 Scale Ser 8-4-75

CHARLESTON

WELL LOCATION MAP FILE NO Bro-77

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. 47-009



OG-10 Rev. - 9-71





STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION THE T. OF MINES

Oil and Gas Division

madrangle Steubenville Recycling Comb. Water Flood Storage		ELL R	ECORD		Rotary_x	
### Acception Disposal Dispos	Staubanville					
Disposal	Juadrangle Steuben 1110					
Casing and Used in Left Coment fill up didress Nat. St. Corp. R. & D. Acres 374.86 Caution (waters) Harmon Creek Size 20-16 Count. Felev 1155.EKB 20-16 Count. Size Company Size Size Company Size Com	ermit NoBRO_ZZ				Disposal	Dry (Kind)
Address	. Weirton Steel Div. Nat S	t. Corp.			1 -6	
			- 1			•
Harmon Creek Size	UU V JO-	374 84	Tubing	Drumg	in weii	Cu. It. (Sks.)
No.	Harmon Creek		£1:			
Cond. Cond	ocation (waters) 1 Elev	1155 EKB				
the surface of tract is owned in fee by	Ven No. Crock County Brooke					
Company 9.5/8				30'	30'	15 sks
Address	Commons		9 5/8			
Company 7 168 16						
Address 9-8-75 4 1/2 1750 260 sks. Drilling Commenced 9-22-75 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	deress Company	<u>, , , , , , , , , , , , , , , , , , , </u>		168'	168'	66 sks
Third poper flow hrs. before test. 28, 5\$ RP. Well treatment details: Well fractured in Berea, Weir, Big Injun, Blue Monday, Maxton, Salt Sand Coal was encountered at 267-280, 558-562, 729-735, 802-803 Feet Fresh water Feet Salt Water Feet Producing Sand Formation Color Hard or Soft Top Feet Bottom Feet Oil, Gas or Water Remarks Fill 0 25 Shale & sand 25 60 Coal blossom?	Mineral rights are owned by		5 1/2			·
Third poper flow hrs. before test. 28, 5\$ RP. Well treatment details: Well fractured in Berea, Weir, Big Injun, Blue Monday, Maxton, Salt Sand Coal was encountered at 267-280, 558-562, 729-735, 802-803 Feet Fresh water Feet Salt Water Feet Producing Sand Formation Color Hard or Soft Top Feet Bottom Feet Oil, Gas or Water Remarks Fill 0 25 Shale & sand 25 60 Coal blossom?	Address 9-8-75	an de ger ein han hangegen spens die der der eine Halbert Steller			1750	260 sks.
Third poper flow hrs. before test. 28, 5\$ RP. Well treatment details: Well fractured in Berea, Weir, Big Injun, Blue Monday, Maxton, Salt Sand Coal was encountered at 267-280, 558-562, 729-735, 802-803 Feet Fresh water Feet Salt Water Feet Producing Sand Formation Color Hard or Soft Top Feet Bottom Feet Oil, Gas or Water Remarks Fill 0 25 Shale & sand 25 60 Coal blossom?	Orilling Commenced 9-22-75					
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Formation Color	Hard or Soft	Top Feet /	Bottom Feet	Oil, Gas or Water	* Remarks
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Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va. Weirton Steel Division Surface Owner National Steel Corporation	DATE August 19, 1975 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	
Address P.O. Box 431, Weirton, W.Va. 26062	Farm National Steel Corp. Acres 374.84 Location (waters) Ohio River
Coal Owner Not Applicable	
Address Not Applicable	
Coal Operator Not Applicable	
AddressNot Applicable	Quadrangle W.VaOhio-Pa.; Steubenville
All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Chapter. This permit shall expire if	
operations have not commenced by 2-37-75	SPECTOR TO BE NOTIFIED Donald Country
Deputy Director - Oil & Gas Division	1100 9177 m
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GENTLEMEN: PH:	
icial pewein:	WYJa
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The undersigned well operator is entitled to drill upon the itle thereto, (or as the case may be) under grant or lease d	above named farm or tract of land for oil and gas, having fee
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*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.

BLANKET BOND

Sro-77 PERMIT NUMBER

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

DRILLING, CONTRACTOR: (If			FRACCURE-STIMULATE
•		RESPONSIBLE AGEN	
NAME Paramount Explorati		NAME	C. J. M. C. C. Santa and S. C. Santa and S. Santa
ADDRESS Box 330; Waynesb	urg, Pa. 15370		The second secon
TELEPHONE 412 - 627-614	4		90 Al 1
ESTIMATED DEPTH OF COMPL	ETED WELL: 2100 Ft.		CAGLE TOOLS
PROPOSED GEOLOGICAL FORM			TOOLS.
		OMB GMODAT	DISPOSAL
			OOD OTHER
TENTATIVE CASING PROGRAM CASING AND TUBING			
SIZE	USED FOR DRILLING	LEFT IN WELL	OR SACKS - CUBIC FT.
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3 - 10		The state of the same of the s	· ·
) - 5/8			
8 - 5/8			
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1/2			
- I	2100 Ft.	2100 Ft.	Circulate
1			Perf. Fop
			Perf. Bottom
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		With the state of	Perf. Bottom
PPROXIMATE FRESH WATER I	DEPTHS 150 FEET	SALT WATER	FEET
APPROXIMATE COAL DEPTHS _	Not Applicable		
S COAL BEING MINED IN THE	AREA? No	вү йном?	
	AREA? No	вү Wном?	
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