



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

Hoard-Baldwin Land Company	OWENS, LIBBEY-OWENS GAS DEPARTMENT
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
c/o Ceredo National Bank	P. O. Box 4168, Charleston 4, W. Va.
Ceredo, West Virginia	COMPLETE ADDRESS
CAPTER	
	April 30 , 19 62
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
	Stonewall District
Owens-Illinois Glass Company and Libbey-Owens-Ford Glass Company	Wayne 38°/0′ County
OWNER OF MINERAL RIGHTS	
Charleston 4, West Virginia	Well No. 62 (Serial No. 1128) £ 959.
ADDRESS	Hoard-Baldwin Tr. No. 27
ENTLEMEN:	215 Ciexes Farm
The undersigned well operator is entitled to	drill upon the above named farm or tract of land for
il and gas, having fee title thereto, (er-as-the-ca December 17, 1936	
ma	deby H. Rummel Anderson & T.B. Jackson, Spec.
December 1036	s-Ford Glass Co., and recorded on the 23rd day
	, in the office of the County Clerk for said County in
pok 188 , page 133 .	
be drifted for oil and gas by the undersigned well	ant engineer and shows the proposed location of a well Il operator on the farm and in the Magisterial District and courses and distances from two permanent points, or
t coal beneath said larm of tract of land on which	nd believes there are no coal operators operating beds a said well is located, or within 500 feet of the bound- gs and filed their maps as required by law, excepting the d as addressees.
The above named coal operators or coal owner esire to make to such proposed location, or which he drilling of a well at said proposed location will obtain mines, must be received by, or filed with the Der copy of this notice and accompanying plat by said at forms for use in making such objections will in request and that all such objections must set forth	they are required to make by Section 3 of said Code, if cause a dangerous condition in or about their respective partment of Mines within ten* days from the receipt of d Department. Said coal operators are further notified be furnished to them by the Department of Mines promptly has definitely as is reasonably possible the ground or the the direction and distance the proposed location should
(The next paragraph is to be completed on	ly in Department's copy.)
Copies of this notice and the enclosed plat we	re mailed by registered mail, or delivered to the above
omed coal operators or coal owners at their above on the same day with the mailing or delivery	e shown respective address <u>daybefore</u> , of this copy to the Department of Mines at Charleston,
Very	y truly yours,
MAY 1962 RECEIVED West Virginia Dept. of Mines Well Operator	OWENS, LIBBEY-OWENS GAS DEPARTMENT
WIAT 1902	WELL OPERATOR
RECEIVED 6	P. O. Box 4168
West Virginia Address	STREET
Dept. of Wilnes of Well Operator	Charleston 4
Cornal Ship	CITY OR TOWN 10/27/2023
01 76 32	West Virginia
	STATE

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

1417

WAY-1417 PERMIT NUMBER

(Cordina to 1123)

P. O. Bon Wilde, Charleston b, W. Wo.

Hotens-Baldwin Tr. No. 27

ens-Illinoid Clare Company and

Later the state of the state of

Decamber 17, 1936 ... H. Aufmal Anderson & T.B. Jeston, Open

Oyens-Illinois Glass Co. & Libber-Ovens-Ford Class Co. and receives as the 23nd day

2. 0. Tox 156

10/27/2023

A-10

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4168

CHARLESTON 4, WEST VIRGINIA



April 30, 1962

W. Va. Department of Mines Oil and Gas Division Charleston, W. Va.

Gentlemen:

We are submitting an application for a permit to drill well No. 62 (Serial No. 1128) on our Hoard-Baldwin tract situated in Stonewall District, Wayne County, West Virginia.

Attached to the application is a plat showing the location of said well.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

J. E. Workman, Chief Engineer

JEW:sc Enclosure

cc: Hoard-Baldwin Land Co. c/o Ceredo National Bank Ceredo, West Virginia



OWENS LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P.D. B.C. ACG.

CHARLESTON I, WEST VIRGINIA



April 30. 1962

W. Va. Department of Minso Oil and Gas Division Charleston, W. Va.

Gentlemen:

We are submitting an application for sourit to drill well No. 62 (Serial to 1128) on our Hoard-Rewin tract situated in Stonewall District; News County, West Virginia.

Attached to the application is a plat showing the location of said well.

Very truly yours.

OWENE, LIBERT-OURSE GAS DEPARTMENT

By January Chief En neer

JEW: co

e: Hoard-Baldwin Land Co. c/c Ceredo Wattonel Lank Ceredo, West Virginia





STATE OF WEST VIRGINIA

DEPARTMENT OF MINES CHARLESTON

May 11, 1962 "Centennial '63"

C 0 P

Owens, Libbey-Owens Gas Department P. O. Box 4168 Charleston 4, West Virginia

Att: Mr. A. H. Smith

Gentl emen:

Enclosed are permits for drilling the following wells:

PERMIT NO.	WELL NO.	FARM	DISTRICT
KAN-1864	9-3-1168	Lewis Holding Corporation	Cabin Creek
WAY-1417	62-8-1128	Hoard - Baldwin Tr. No. 27	Stonewall
WAY-1418	63-8-1129	Hoard - Baldwin Tr. No. 27	Stonewall
		Very truly yours.	

Assistant Director OIL AND GAS DIVISION

MG/jb enclosure

ec: Mr. Dana Lawson, Inspector Mr. Kenneth E. Butcher, Inspector

> Mr. R. C. Tucker, Assistant State Geologist



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

CHARLESTON

May 11, 1962 "Contennial '63"

Sween, Libber-Geens Gam Department P. O. Box 4168 Charleston W. West Vinginia

ACEL M. A. M. SMITH

Cent cores

inclosed are pursies for drilling the following sealess

THERE	100AT	100 JUL	AND PERSONS
Cabin Crock	Seels Holding Corporation	9-9-1108	KAN-1860
Stonewall	Mound - beldwin Tr. Mo. 27	8511-8-5a	ATht-AVA
Linemati	Noard - Baldwin Tr. No. 27	0311-0-53	SAMI-AVA
	Same stant week		

Assistant Viewotor

MG/jb ondlosure

cor Mr. Dana Lawson, Inspector Nr. Lonnoth E. mitcher, Inspector Mr. R. C. Tucker, Assistant State Geologist

Sand	Formation	Color	Hard or Soft	Top 50	Bottom	Oil, Gas or Water	Depth Found	Remarks
State Dark Bark	Cond	Then's		QT		ent Tort	Send IN 104	Acres 1
Line Shell Dark Bard 1230 1259 1263 1304 1314 1	The state of the s			at at				
Dark Bode 1269 1263 1304 1314	Slate	Dark	Soft	1197				
Dark Med. 1263 1304 1314	Lime Shell	Dark	Hard	1230	1259		0	
Maxton Sand Elight Derk Soft 1304 1314 1349 1354 Elight Elight Bard Elight Elig	And the first the second secon	Dark	Soft					
Dark Dark Dark Dark Dark Dark Dark Dark Soft 1394								
Editate Derk Soft 1349 1354 1371 SIM 1371 Sand IM 1371 Soft 1349 1354 1371 Sim 1371 Sand IM 1371 Sa	C. L. M. C. M.						The second	
Big Lime			at the same of the		1314			
Big Lime								
Big Lime Big	Slate	The second secon	Soft					
Big Lime Corey Big Lime Corey Bard Corey Bord Bord Bord Bord Bord Bord Bord Bord	Big Lime	Light	Hard	1354	1371	SIM 1371 =	Sand LM 137	1
Hig Line Hard 1371 1492 1522 1538 Hard 1522 1538 Hard 1538 1608 1608 1628 Hard 1538 1608 1628 Hard 162			C. C. C. V.	511		6-11-62		
Big Lime Bight Hard 1371 1492 1522 1528 15			Soft	7.64		Installed 7"		371' on a shoe
Big Lime Keener Sank hite Kerd 1522 1538 1563 1563 1608 160	Pig Timo	Tight		1271	7/102	set in red in	iua.	
Reemer Sand Grey Hard 1522 1538 Red Injum Red Hard 1538 1563 1608 Gas 1568! 18.3 M Gas 1568! 18.3 M Gas 1598! 58.6 M Rest 1628 1538 1608 1628 1538						1100 DON -1170	1 TO	
Red Injum Grey Med. 1563 1563 1608 1581 158						Section Lond	5 .130	
See Injum Grey Med. 1563 1608 See 1584 48.3 M Gas 1598 58.6 M Test 1628 58.6 M Test 1628 43.6 M Test 1628 Test 16	The state of the s			1255			1.0	
Soft 1608 1628 Test 1628' 48.3 M Total Depth 1628' Total Depth 1628' Soft 1608 1628 Soft 1628' 43.6 M Total Depth 1628' Soft 1608 1628' 5-21-62 Soft 1608 1628' 5-21-62 Soft 1608 1628' 5-21-62 Soft 1608 1628' 62-21-62	Red Injun	Red		1538	1563	tanos mien o	e controling	
Soft 1608 1628 Test 1628' 48.3 M Total Depth 1628' Total Depth 1628' Soft 1608 1628 Soft 1628' 43.6 M Total Depth 1628' Soft 1608 1628' 5-21-62 Soft 1608 1628' 5-21-62 Soft 1608 1628' 5-21-62 Soft 1608 1628' 62-21-62	Grey Injun	Grey	Med.	1563	1608	Gas 1584'	45.7 M	of 310, on a
Sil & Shis Grey Soft 1608 1628 1628 1628 43.6 M Total Depth 1628 5-21-62 Schlumberger ran gamma-ray and tempers ture logs. 5-25-62 Installed \(\frac{1}{2} \) casing at 1626 on a she with a Baker cement float collar set at 1612 Dowell Division cemented \(\frac{1}{2} \) casing from 1627 to 1400 with 14 sacks of Portland cement and 100 gals. of Cealmont to 1589 sold 1598 to 1598 with 36 shots. Dowell Division river fraced the Bi Injun Sand with 30,000 lbs. of 20-40 sand; 250 gals. of Mai Arid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608 of J-96 (50 lbs. of Final Open Flow: Big Injun Sand 177 MCF	intro-no	DOT 7	DOTE	200	HAT	Gas 1588!	48.3 M	
Total Depth 1628' Total Depth 1628' Schlumberger ran gamma-ray and tempers ture logs. 6-25-62 Installed 4½' casing at 1626' on a she with a Baker cement float collar set s 1612' Dowell Division cemented 4½" casing from 1627 to 1400' with 14 sacks of Portland cement 100 gals. of Cealm 6-28-62 Schlumberger perforated 4½" casing from 1627 to 1400' with 15 sacks of Portland cement 100 gals. of Cealm 6-28-62 Schlumberger perforated 4½" casing from 1627 to 1400' with 15 sof Cealm 6-28-62 Schlumberger perforated 4½" casing from 1627 to 1400' with 15 sof Cealm 6-28-62 Schlumberger perforated 4½" casing from 1627 to 1598' with 36 shots. Dowell Division river fraced the Binjum Sand with 30,000 lbs. of 20-40 band, 250 gals. of Mai Acid, 5 gals. of beterger, 100 lbs. of J-96, 250 lbs. of J-94, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 6' of perforation on bottom (1602-1606) Final Open Plow: Big Injum Sand 177 MCF					5-5			
Total pepth 1825 Schlumberger ture logs. 5-2-62 Installed \(\frac{1}{2} \) casing at 1626' on a showith a Baker cement float collar set solis! Dowell Division cement \(\frac{1}{2} \) casing from 1627 to 1400' with 14 sacks of Portland cement and 100 gals. of Cealmont of Portland cement and 100 gals. of Cealmont of Portland cement and 1594 to 1598' with 36 shots. Dowell Division river fraced the Binjum Sand with 30,000 lbs. of 20-40 sand; 250 gals. of Mud Apid, 5 gals. opeterger, 100 lbs. of 7-96, 250 lbs. opeterger, 100 lbs. of 7-96, 250 lbs. opeterger, 100 lbs. of total water. 7-17-62 Installed 1" siphon at 1608' 6' of perforation on bottom (1602-1606) Final Open Flow: Big Injum Sand 177 MCF		Grey	Soft	1608	1628		43.6 M	
Schlumberger ture logs. 6-25-62 Installed \(\frac{1}{2} \) " casing at 1626' on a show that a Baker cement float collar set a 1612' Dowell Division cemented \(\frac{1}{2} \) " casing from 1627 to 1400' with 14 sacks of Portland cement and 100 gals. of Cealmont 1581 to 1589' and 1594 to 1598' with 36 shots. Dowell Division river fraced the Binjum Sand with 30,000 lbs. of 20-40 sand, 250 gals. of Mad Acid, 5 gals. of beterger, 100 lbs. of J-96, 5 gals. of beterger, 100 lbs. of J-96, 5 gals. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 6' of perforation on bottom (1602-1606) Final Open Flow: Big Injum Sand 177 MCF				Motel Do	nth 1608!	6 27 62		
schitmenger ran gamma-ray and tempere ture logs. 5-25-62 Installed had cement float collar set a loi? Dowell Division cemented had casing from 1627 to 1400' with 14 sacks of Portland cement and 100 gals. of Cealm 5-28-62 Schitmberger perforated had casing from 1581 to 1599' and 1594 to 1598' with 36 shots. Dowell Division river fraced the Bi Injun Sand with 30,000 lbs. of 20-40 sand, 250 gals. of base of J-96, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 6' of perforation on bottom (1602-1606) Final Open Flow: Big Injun Sand 177 MCF	Slate	Light	500%	TOTAL DE	ben 1050.			
Early 1625-62 Installed 4½ casing at 1626' on a show the selection of the	BUDG		TCC.	75.1	712		ran gamma-r	ay and tempera-
Installed 4½ casing at 1626' on a showith a Baker cement float collar set set 1612' Dowell Division cemented 4½" casing from 1627 to 1400' with 14 sacks of Portland cement and 100 gals. of Cealmonton and 1594 to 1598' with 36 shots. Dowell Division river fraced the Binjum Sand with 30,000 lbs. of 20-40 sand, 250 gals. of Mud Agid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' of of perforation on bottom (1602-1606 for of perforation on bottom (1602-1606 final Open Flow: Big Injum Sand 177 MCF			porg	135	127			
Installed 4½ casing at 1626; on a she with a Baker comment float collar set she 1612. The set of 1612 is she with a Baker like the set of 1612 is she with a Baker like the set of 1612 is she with a Baker like the set of 1612 is she with a Baker like the set of 1612 is she with a Baker like the set of 1612 is she with a 1612 is she wit				ot				
with a Baker cement float collar set s 1612' Dowell Division cemented 4½" casing from 1627 to 1400' with 14 sacks of Portland cement and 100 gals. of Cealm 6-28-62 Schlumberger perforated 4½" casing from 1581 to 1589' and 1594 to 1598' with 36 shots. Dowell Division river fraced the Bi Injum Sand with 30,000 lbs. of 20-40 sand, 250 gals. of Mud Asid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 6' of perforation on bottom (1602-1606) Final Open Flow: Big Injum Sand 177 MCF					1	Installed 4	casing at	1626' on a shoe
1612 Dowell Division cemented 4½" casing from 1627 to 1400' with 14 sacks of Portland cement and 100 gals. of Cealm 6-28-62 Schlumberger perforated 4½" casing from 1581 to 1580 and 1594 to 1598' with 36 shots. Dowell Division river fraced the Binjum Sand with 30,000 lbs. of 20-40 sand; 250 gals. of Mud Asid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 00 of of perforation on bottom (1602-1606) Final Open Flow: Big Injum Sand 177 MOF				7-1	1			
Dowell Division cemented 4½" casing from 1627 to 1400' with 14 sacks of Portland cement and 100 gals. of Cealm 6-28-62 Schlumberger perforated ½" casing from 1501 to 1509' and 1594 to 1598' with 36 shots. Dowell Division river fracced the Binjum Sand with 30,000 lbs. of 20-40 sand; 250 gals. of Mud Abid, 5 gals. of Deterger, 100 lbs. of 1-98, 250 lbs. of Deterger, 100 lbs. of 1-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 00 determined to 1602-1608 Final Open Flow: Big Injum Sand 177 MCF	Grad				11.00			
from 1627 to 1400' with 14 sacks of Portland cement and 100 gals. of Cealm 5-28-62 Schlumberger perforated ½" casing free 1581 to 1589' and 1594 to 1598' with 36 shots. Dowell Division river fracced the Bi Injun Sand with 30,000 lbs. of 20-40 sand; 250 gals. of Mud Acid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 00 constant of perforation on bottom (1602-1606) Final Open Flow: Big Injun Sand 177 MCF	Clay	rellow	Coft	0	1		rigion coment	ba lill coging
Portland cement and 100 gals. of Cealm 6-28-6. Schlumberger perforated 12" casing from 1581 to 1589 and 1594 to 1598 with 36 shots. Dowell Division river fracced the Bi Injum Sand with 30,000 lbs. of 20-40 sand, 250 gals. of Mud Acid, 5 gals. of 20-40 sand, 250 gals. of Mud Acid, 5 gals. of 20-40 sand, 250 gals. of total water. 7-17-62 Installed 1" siphon at 1608' 00 constant of perforation on bottom (1602-1606) Final Open Flow: Big Injum Sand 177 MCF						DOMETT DIA	Tation demend	Fu 42 Casing
5-28-62 Schlumberger to 1598 to 1598 to 1598 with 1598 to 1598 with 1598 shots. Dowell Division river fracced the Bi njun Sand with 30,000 lbs. of 20-40 sand, 250 gals. of Mud Acid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608 of of perforation on bottom (1602-1608) Final Open Flow: Big Injun Sand 177 MCF								
Schlumberger 1581 to 1594 to 1598' with 1581 to 1596' and 1594 to 1598' with 1581 to 1596 and 1594 to 1598' with 1581 to 1598' and 1594 to 1598' and 1594 to 1598' with 1581 to 1598' and 1594 to 1598' and 1598		Color			Market .		ent and 100	gals. of Cealmen
1581 to 1588 and 1594 to 1598 with 36 shots. Dowell Division river fracced the Bi Injum Sand with 30,000 lbs. of 20-40 sand, 250 gals. of Mud Acid, 5 gals. of Leterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 6' of perforation on bottom (1602-1608) Final Open Flow: Big Injum Sand 177 MCF 170 MCF 170 MCF 170 MCF 170 MCF 170 MCF 170 MCF								
1581 to 1588' and 1594 to 1598' with 36 shots. Dowell Division river fracced the Bi Injum Sand with 30,000 lbs. of 20-40 sand, 250 gals. of Mud Acid, 5 gals. Obeterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 6' of perforation on bottom (1602-1608) Final Open Flow: Big Injum Sand 1.77 MCF 1.00 Bottom (1602-1608) 1.00 Bottom (700 3 450		here.	AND STATES	Schlumberger	perforated	42" casing from
Both the second of the second		250 1.00			TO THE PARTY IS	1581 to 1589	and 1594 t	o 1598' with
Dowell Division river fraced the Bi Injun Sand with 30,000 lbs. of 20-40 Send, 250 gals. of Mud Acid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 6' of perforation on bottom (1602-1606) Final Open Flow: Big Injun Sand 177 MCF				TEM TON, IN	12 1121120			
Injun Sand with 30,000 lbs. of 20-40 sand, 250 gals. of Mud Acid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608'00 6' of perforation on bottom (1602-1608) Final Open Flow: Big Injun Sand 177 MCF 247.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE	B DIE DIE	d Send		rigion mirror	freegod the Pig
sand, 250 gals. of Mud Arid, 5 gals. of Deterger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608' 00 Teven of the perforation on bottom (1602-1608) Final Open Flow: Big Injun Sand 177 MCF 200 Barrer 100 Barrer 100 Big Injun Sand 177 MCF 201 Barrer 100 Big Injun Sand 177 MCF 202 Barrer 100 Big Injun Sand 177 MCF 203 Barrer 100 Big Injun Sand 177 MCF 204 Big Injun Sand 177 MCF 205 Big Injun Sand 177 MCF 206 Big Injun Sand 177 MCF 207 Big Injun Sand 177 MCF 208 Big I) Rote: core	COMP. TOO	1 1-201 500	9-014-500	do porte.			
Detrger, 100 lbs. of J-98, 250 lbs. of J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608'00 Te' 6' of perforation on bottom (1602-1608) Final Open Flow: Big Injun Sand 177 MCF 128 1 128								
J-84, and 470 bbls. of total water. 7-17-62 Installed 1" siphon at 1608 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Dorell		P. 12.0. 12	4 +4 30 0	O		
The state of the s						Deterger, 10	00 lbs. of J-	98, 250 lbs. of
Tinstalled 1" siphon at 1608 000 010 of perforation on bottom (1602-1608 of perforation of perforation on bottom (1602-1608 of perforation on bottom (1602-1608 of perforation					l si			
Tinstalled 1" siphon at 1608 000 010 of perforation on bottom (1602-1608 of perforation of perforation on bottom (1602-1608 of perforation on bottom (1602-1608 of perforation				nere tel y			-	
The first of the f					200000000	- 7-17-62	355	20 Tarana
6' of perforation on bottom (1602-1608) Final Open Flow: Big Injun Sand 177 MCF (Convert of 1902) From Mich Convert of Ticol (Convert of 1902) From Mich Conv				A STATE OF THE STA	REMARKS	Tretalled 1	ginhon at 7	KOSTOO COTE OT
Final Open Flow: Big Injun Sang 177 MCF CO 188 And And And And Andrews And Andrews And Andrews Andr				1	100000 43	61 of nowfor	siphon at 1	tom (2600-26091)
Out 5, Libbir-Durin GAS DEPARTMENT F. O. Don Ald C. Chemierton A. H. V. Hourt-Durin Gas Department Ca (Senter D. 1962 P. O. Ber Mico Decre Libber-Outre Gas Dept. T. 1961 Since Co. 1962 F. O. Ber Mico Decre Libber-Outre Gas Dept. T. 1961 Libbir 201		Harlis Head		The little		o or berror	a cron on bot	LOUIT - (TOOS-TOOO)
Out 5, Libbir-Durin GAS DEPARTMENT F. O. Don Ald C. Chemierton A. H. V. Hourt-Durin Gas Department Ca (Senter D. 1962 P. O. Ber Mico Decre Libber-Outre Gas Dept. T. 1961 Since Co. 1962 F. O. Ber Mico Decre Libber-Outre Gas Dept. T. 1961 Libbir 201		150000 40000			-	T: 2 0	772	
Orning, Larbing - Draing GAS Departments T. O. Don Midd, Charleston M, II. V. Research Lighth C2 (South). O. 1120) Spyrio Traing Spirion and Spir								
Outlo, Lieblik-Dulin GAS Department P. O. Box MAG, Cherleston M, W. V. Moore-Didein G2 (Sorial o. 1129) S79.70 Taging Disordall with property of 270.70 P. O. Box Mag Cherleston M, W. V. Schridge 1626: Dance Mag Cherleston M, W. V. Schridge 1626: 150.1						Big	g Injun Sand	177 MCF
Ovild, Liebin-Durin GAS Departming P. O. Bor MAG, Chericeton W. W. V. Hoore-D lighth G2 (Soriel to. 1129) S79.70 Tage Stonestill Dwene, Libber-Owene Gas Dept. 7" 2. O. Bor Mico Character W. W. V. Schridt T. 1267: 150.1		The second second			The same		1	1 10 10 10 10 10 10 10 10 10 10 10 10 10
Other, lieble-print GAS department 2. O. Bor MAGG, Chemicron M. W. V. Gas Hoort-D lighth GR (South) 62 GR (South) 10. 1129) 579.70 W. D. Donospill W. Dec 2. O. Bor MAGG Decree Can Dept. 7" 3711 2. O. Bor MAGG Gerlenfon M. W. V. Schridt 1267: 1227			1 100		TE T ET	200	12000	TO PROPERTY TO STATE OF
OMILD, LIEBLE DELING GAS DEPARTED. T. O. Don Widd, Chemicator on W. H. V Hosac-L' livein Ga (Soriel to. 1128) Sport Capacital to the part of th		Jung	-0, 1962		- 411			1230
OMILD, LIEBLE DELING GAS DEPARTED. T. O. Don Widd, Chemicator on W. H. V Hosac-L' livein Ga (Soriel to. 1128) Sport Capacital to the part of th		He2 5	1, 1962					1501
OME 2, LIEBLE - DILING GAS DEPARTMENT T. O. Don Widd, Chemicaton W, M. Vr. Hoszc-Erlöwin Ga (Sonigl o. 1128)	T. O. D.	or wron	MARINE CHART	e cou de la	100011 ju	10261	16261	
OMENS, LIEBLY-DWING GAS DEPARTMENT P. O. Bor Widt, Charleston W. W. V. Mosi C-E lawin G2 (Seriel to. 1120) Stonerall wine 370. 3711 371.		1,4 60	Ducase a same		borne 1	7001	-201, st 1	
Out C. LIEBLY - Out CAS DEPARTIEST. Page 1. O. Bon Widd, Charleston W. V. V. Frame Host-Delatin 62 Language Frame 62 (Script 10. 1128) 979.70			Dinne Libbs	Carrie Car		2001	01	
Out C. LIEBLY - Out CAS DEPARTIEST. Page 1. O. Bon Widd, Charleston W. V. V. Frame Host-Delatin 62 Language Frame 62 (Script 10. 1128) 979.70			A STATE OF THE STA		= 5 0:	3111	2011	
OLD C. LIEBLE - OVINC GAS DEPARTIENT Server P. O. Bon Widd, Charleston M. IV. V From Host L. Lighin 62 (Scripl o. 1128) 979.70								
OMENO, LIEBIN-DVING GAS DEPHANTING A MARKET P. O. Bon MAGG, Chemication M, W. Va. From Hosid-D ldwin 62 (Seriel to 128) 979.70	THE STATE OF THE STATE OF	on the Martin	Tresument to the	- Yre				
OMED, LIEBLE-DAIRE GAS DEPARTANT	2.			- 50				n o tackers
OMED, LIEBLE-DAIRE GAS DEPARTANT	65	(Soriel	To. 1129)	959.70				
OMED, LIEBLE-DAIRE GAS DEPARTANT					2116			
OMED, LIEBLE-DAIRE GAS DEPARTANT	TOO			The state of				
OMED, LIEBLE-DAIRE GAS DEPARTANT	1.00.	- Danger		10			1	
OFFICE PROPERTY DATES OF THE PROPERTY OF THE P	P. (Bon 41.68	Cheritor tor	A. R. VA.	10,1100	A STATE OF THE STA	The same of the sa	- Paristers
10/27/2023	OF THE	D, LIBBIA-	DATE OVE DE	BYFERVALL .				
10/27/2023					-			TOWN.
10/2//2023		A workers					100	7/0000
		7,77		10 - 10 - 1	DEL UIS		10/2	4112023
	A STATE OF THE STA							· ·

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By

A. H. Smith, Mgr(TitleLand, Engrg. & Geol.



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION 50

Wayne Quadrangle .

WELL RECORD

Way-1417 GAS Permit No ... Oil or Gas Well (KIND) Company OWENS, LIBBEY-OWENS GAS DEPARTMENT Left in Well Casing and Used in **Packers** Address P. O. Box 4168, Charleston 4, W. Va. Drilling Farm Hoard-Baldwin Size Location (waters)_ Well No. 62 (Serial No. 1128) Elev. 959.70 Kind of Packer_ Stonewall County Wayne The surface of tract is owned in fee by_ Size of_ 8 \$ 5/8" ___Address_ 3711 371' 13671 Mineral rights are owned by Owens, Libbey-Owens Gas Dept 7" 13671 Depth set. P. O. Box 4168 Address Charleston 4, W. Va. 5001642 16261 16261 Drilling commenced May 21, 1962 3_ 1581 Perf. top. June 19, 1962 Drilling completed____ xx 1" siphon 1589 16081 Perf. bottom. Date Shot____ Liners Used_ Perf. top_ With 1598 Perf. bottom. Open Flow /10ths Water in_ _Inch _/10ths Merc. in__ Inch CASING CEMENTED 41" SIZE 227 No. Ft. 6-25-62 Date _Cu. Ft. with 14 sacks of Portland cement and 100 gals. Rock Pressure_ Cealment. _hrs. COAL WAS ENCOUNTERED AT 322 FEET Oil_ _bbls., 1st 24 hrs. FEET-INCHES WELL ACIDIZED_ FEET INCHES INCHES FEET FEET_ WELL FRACTURED Dowell river fracced Big Injun with 30,000# 20-40 sand, 250 gals. Mud acid, 5 gals. detergent, 100# J-98, 250# J-84, and 470 bbls. water. RESULT AFTER TREATMENT 177 MCF Big Injun Sand 154 lbs. in 42 hours ROCK PRESSURE AFTER TREATMENT_

Fresh Water	150 , 420	Feet_	911'	Salt Water_	Feet
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water Depth Remarks
Clay	Yellow	Soft	0	11	Dovell Division cerebid 4 gening
Sand	Yellow	Soft	11	47	7 .01
Slate	Dark	Soft	47	67	in the parties of the control of the
Sand	Light	Soft	67	122	napposited # casting to LC251 on a si
Slate	Dark	Soft	122	127	
Sand	Light	Med.	127	175	Construction of Society Courses and construction
Slate	Light	Soft	175	287	Collection and constraint the found
Sand	Light	Med.	287	292	(-01-0
Slate	Dark	Soft	292	322	Tonia Torro
Coal	Black	Soft	322	325	200 1001 10 10 10 10 10 10 10 10 10 10 10
Slate	Dark	Soft	325	401	SLM 371 = Sand LM 370
grea minu	CICY	100.	7303	7000	Installed 8-5/8" casing at 370' on a
HOO TUI ON	rec	TOLO	1000	-00	shoe with one centralizer
Sand	Light	Med.	401	416	
Slate	Dark	Soft	416	456	Water 420' 2 BPH
Sand	Light	Med.	456	476	
Slate	Dark	Soft	476	497	ace mu recomm .
Sl & Shls	Light	Soft	497	577	2 13 10 16 16 17 10 10 10 10 10 10 10 10 10 10 10 10 10
Sand	Light	Med.	577	587	6334001187
Slate	Dark	Soft	587	617	ES TO TO THE PERSON OF THE PER
Sand	Light	Med.	617	643	12 AUG 1962 31
Slate	Dark	Soft	643	-663	(O) -try/ED 63
Sand	Light	Hard	663	683	00 RECEIVED
Slate	Dark	Soft	683	710	10/27/2023 Dept. of Miles
Sand	Light	Med.	710	725	Dept. Of
Slate	Dark	Soft	725	771	10/27/2023 Dept. of Mile 33
Sand	Light	Med.	771	811	CT (18 0 E 0 C 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Slate	Dark	Soft	811	841	
Sand	Light	Med.	841	1041	SIM 1041 = Sand IM 1041

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-099-1417				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 NA Section of NGPA Category Code				
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	NA feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Industrial Gas Corporation Name P. O. Box 1473 Street	009283 Seller Code			
	Charleston WV 25325 City State Zip Code				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	NA Field Name Wayne County WV				
(b) For OCS wells:	NA Area Name Date of Lease: NA Mo. Day Yr. OCS Lease Number	·			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Hoard Baldwin 62-1128				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	NA				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	See Addendum "A" Houdaille Industries, Inc. Name	N/Available Buyer Code			
(b) Date of the contract:	1,2,2,6,7,3 Mo. Day Yr.				
, (c) Estimated annual production:	<u>3.0_</u> mmef.				
	(a) Base Price (b) Tax (c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)			
7.0 Contract price: See Addendum "A" (As of filing date. Complete to 3 decimal places.)	<u>1 2 8 3</u> <u>0 0 5 1</u> <u>0 0 0 3</u>	1 3 3 6			
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.243 0.302 0.0	2.545			
9.0 Person responsible for this application: Agency Use Only Date Received by Juris. Agency FEB 281979 Date Received by FERC	William C. Charlton Name Name Signature 02 / 28 / 79 Date Application is Completed Division Title (304) 342-8166 Phone Number	Counsel			

FT7900306/2-2

PARTICIPANTS: DATE: OCT 191979 BUYER-SELLER CO	ODE
WELL OPERATOR: Industrial Gas Corporation 009283	
FIRST PURCHASER: Houdaille Industries, Inc.	
OTHER: Will:	
···	
W. Va. Department of Minos, Oil & Gas Division WELL DETERMINATION FILE NUMBER Order 108. ptupu well.	
790228-108-099-1417	
Use Above File Number on all Communications Felating to Determination of this Well	
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
ITEM NO.	
1 FERC-121 / Items not completed - Line No.	
2 IV-1 - Agent / William C. Charlton	
3 IV-2 - Well Permit ✓	
4 IV-6 - Well Plat	
5 IV-35- Well Record / Drilling / Deepening -	
6 IV-36- Gas-Oil Test: Gas OnlyWas Oil Produced? Ratio	
7 IV-39- Annual Production 2 years	
8 IV-40- 90 day Production 95 Days off Line:	
9 IV-48- Application for Certification. Complete? ✓ Affidavit	
10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 57 - 58. Complete V Signed	_
18 - 28 Other: Survey Logs Geological Charts Structure Map	
1:4000 Map Well Tabulations Gas Analyses	
(5) Date Completed: June 19, 1962 (mil) Deepened	_
(5) Production Depth: 1581-89', 1594-48	
(5) Production Formation: Gry Lyun;	
(5) Final Open Flow (5) Initial Potential: 177 MCF	
(5) Static R.P. Initiality 154#	
(6) Other Gas Test:	_
(7) Avg. Daily Gas from Annual Production: 7,80 MCF 2003/366	6
(8) Avg. Daily Gas from 90-day ending w/1-120 days 8, 05 M(f) 140/9	3
(8) Line Pressure: 21# PSIG from Daily Rep	00
(5) Oil Production:From Completion Report	_
(10-17) Does lease inventory indicate enhanced recovery being done:	_
(10-17) Is affidavit signed? Notarized?	_
Does official well record : in the Department confirm the submitted information?	_

Additional Information _____ Does computer program confirm?_

Was Determination Objects: "o? By Whom?

JON_

FORM	IV-	56WC
112-7		

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

Date	02/28	19 79
Operator's Well No.	62-1128	
API Well No. 47	099 -	1417 Permi

WELL CLASSIFICATION FORM

STRIPFER GAS WELL

NGPA Section 108

NGPA Section	100					
	DESIGNATED					
	ADDRESS	P C	. O. harle	Box 1473 ston, W	3 1 25325	
WELL OPERATOR Industrial Gas Corporation	LOCATION:	Elevatio	on	959.70		
ADDRESS P. O. Box 1473 Charleston, WV 25325			Not Available County Wayne			ad. Wayne
GAS PURCHASER_*	Gas Purc	hase Cont	tract !	No.*		
ADDRESS	Meter Ch	Contract	*			7
		*See	FERC	-121 - A	Addendum * *	''A''

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

(See Attachment)

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

All records required to determine production by meter stations are maintained in Charleston, West Virginia.

B&O Tax Records are located in Charleston, West Virginia, our Boston, Massachusetts office and the Houston, Texas office.

Royalty payment instructions are located in Charleston, West Virginia office and Houston, Texas office.

FORM IV-56WC (Reverse) [12-78]

Describe the search made of any records listed above:

I have made a diligent search of the production records located in Charleston, West Virginia. They were the records utilized in making the determination herein.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No X. If yes, indicate the type and source of the information.

AFFIDAVIT

I. Lawrence B. Mentzer , having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

Z-1214

STATE OF WEST VIRGINIA,

COUNTY OF Kanawha . TO WIT:

I. Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid, do certify that Lawrence B. Mentzer whose name is signed to the writing above, bearing date the 28 day of February, 19 79, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 28 day of February, 19 79.

My term of office expires on the 5th day of December, 1985.

Charlatte J. Mathews

FORM IV-48%C [12-73] STATE OF WEST VIRGINIA Date February 28 DEPARTMENT OF MINES, OIL AND GAS DIVISION . 19 79 Operator's Well No. 62-1128 API Well County STATE APPLICATION FOR WELL CLASSIFICATION State Previous File No. NA (If Applicable) WELL OPERATOR Industrial Gas Corporation DESIGNATED AGENT William C. Charlton ADDRESS P. O. Box 1473 ADDRESS Charleston, W. Va. P. O. Box 1473 Charleston, W. Va. 25325 Gas Purchase Contract No. * and Date (Month, day and year) R0205 Meter Chart Code Name of First Purchaser * (Street or P. O. Box) (City) (State) FERC Seller Code (Zip Code) 009283 FERC Buyer Code TYPE OF DETERMINATION BEING SOUGHT: (1) Initial determination (See FERC Form 121.) 108 NA Code Determination that increased production is the result of enhanced Category (3) Determination of a seasonally affected well. William C. Charlton Division Counsel (*See FERC-121 Addendum "A") Signature P. O. Box 1473 Street or P. O. Box Charleston, W. Va. 25325 City State (Zip Code) (<u>304</u> <u>342-8166</u> Phone Number Code (Certificate of Proof of Service to Purchaser) See Separate Certificate Attached (All of the above to be completed by the Operator/Applicant) (To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known). The Department of Mines has received a request. for certification of the above described well as meeting the requirements of Section under the Natural Cas Policy Act of 1978. In for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA) All interested parties are hereby notified that on the _____day of _____. 19____. at the office of the Oil and Gas Division in Charleston, West Virginia. or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed. This Application is assigned File No. Initial review of information submitted indicates the well is. is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard. Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will

WEST VIRGINIA DEPARTMENT OF MINES

	F	F	R	2	8	19	79
--	---	---	---	---	---	----	----

Date received by Jurisdictional Agency

	1100000	
Ву	Director	

Title 10/27/2023

~	1	
REPORT NO. CCA101P1 PG 00002 CURRENT DATE - 2/28/79 REPORT DATE - 2/28/79 SSURE NA TOTALS	3629	TOTALS 2855
F1 - 2/ E - 2/	110	0 1 6
RI DAI	320 048	262
CURRE REPO NA		AN P
REPORT HO CUR RE RESSURE NA	278	SHUT-IN PRESSURE 263223
χ. Μ	248 28	F-IN PRE
I-TUH		SHUT-
	340	254
7110H-73		13 18
recourse contention	301 301 27	ESSURE 193
REPORT OF MONTHLY PRODUCTION-197A GAS VOLUMES IN MFC 2 14.73 DIL IN DARRELLS 2 60 DEGREES Industrial Gas Corporation 18	4 264 301 J- A- 27	AVG. FLOW PRESSURE
OF MOI DLUMES DARRE ial Ga	5 1 1 1 5 1 1 1	AVG. F
EPORT GAS VC IL IH ndustr	25,	265
ANHUAL REPORT OF MONTHLY PRODUCTIC GAS VOLUMES IN MFC 3 14.71 DIL IN DARRELLS 3 60 DEGRE NTOR ' Industrial Gas Corporation'	254 29	229
ANHUAL	25. M-	
0	62-1128 COUNTY! Wayne 394 254 A- M- 35 29	307
	. 1 1 1	256
	1dwin 317	2
~	CAS MFC 359 300 317 OIL BBL J- M- 78 DAYS OHLINE 35 28 28	259
THIA THD GA	- el	253
1V-39-WC STATE OF WEST VIRGINIA DEMATTHENT - MINES DIVISION - OIL AND GAS	1417RM 1 359 35	25
VC DF WES	47-099-014 675 MFC 011 BBL J- DAYS ONLINE	r O
1V-39-WC STATE OF W DEMATTHENT DIVISION	47-099 GAS MFC OIL BBL DAYS OHLI	SAS MFG

1977

SUMMARIZATION SCHEDULE Section 271. 804 (b)

In accordance with Section 271,804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

47-099-1653; 47-099-1010; 47-099-1011; 47-099-1029; 47-099-1033; 47-099-1039; 47-099-1020; 47-099-0950; 47-099-0973; 47-099-0977; 47-099-0990; 47-099-0985; 47-099-0934; 47-099-0048; 47-099-1417; 47-099-1418; 47-099-0466; 47-099-0267; 47-099-0991; 47-099-1288.

API NUMBERS

0/27/2023

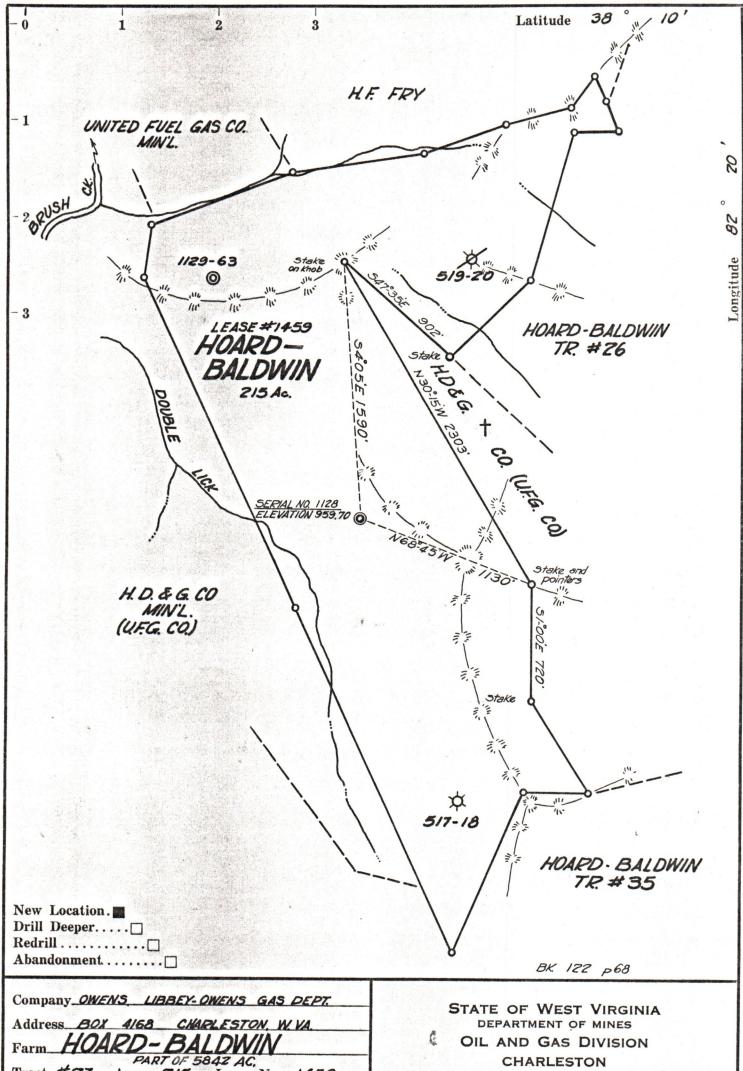
28

DAYS ONLINE

CAS MFC OIL BBL

366

27



PART OF 584Z AC, Acres 215 Lease No. 1459 Well (Farm) No. 62 Serial No. 1128 959.70 Elevation (Spirit Level)_ Quadrangle WAYNE County___WAYNE District STONEWALL Engineer ____ Engineer's Registration No._ File No. Drawing No.

Scale /" = 600FT.

+ 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.

WELL LOCATION MENT

FILE NO. WAY-1417

- Denotes one inch spaces on border line of original tracing.

Date APR. 27, 1962