



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

Marian Burgess Leach et al
COAL OPERATOR OR COAL OWNER

309 Lock Lane, Richmond, Virginia
ADDRESS

Same
COAL OPERATOR OR COAL OWNER

Same
ADDRESS

Same
OWNER OF MINERAL RIGHTS

Same
ADDRESS

OWENS, LIBBEY-OWENS GAS DEPARTMENT
NAME OF WELL OPERATOR

P. O. Box 4168, Charleston 4, W. Va.
COMPLETE ADDRESS

May 10, 19 60
PROPOSED LOCATION

Lincoln District

Wayne County

Well No. 3 (Serial No. 1102) 82° 25' E 1120.00'

Marian Burgess Leach et al Farm
282 acres

GENTLEMEN:

The undersigned well operator is entitled to drill upon the 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 dated January 2, 1959, made by Marian Burgess Leach et al, to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 23rd day of May, 1959, in the office of the County Clerk for said County in Book 50, page 195.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

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 address day--before, ~~or~~ on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT
WELL OPERATOR

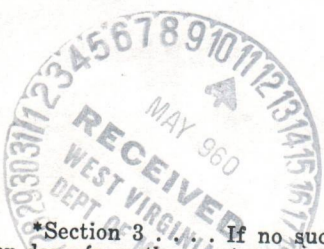
P. O. Box 4168
STREET

Charleston 4,
CITY OR TOWN

West Virginia
STATE

Address of Well Operator }

08/25/2023



*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.

1292

WV-1292 PERMIT NUMBER



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines
Charleston, W. Va.

Coal Operator of Coal Mines

309 Look Lane, Richmond, Virginia

Coal Operator of Coal Mines

P. O. Box #103, Charleston #, W. Va.

Book

Page

Address

County

Owner of Mineral Rights

Address

County

Marion Burgess Leach et al

The undersigned well operator is entitled to drill upon the above named tract or tract of land for

oil and gas, having in this behalf, (or as the case may be) under tract or lease dated

January 2, 1933, made by Marion Burgess Leach et al

Owens-Illinois Glass Co., Liberty-Owens-Ford Glass Co., and recorded on the

day of May, 1933, in the office of the County Clerk for said County in

Book 50

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Mineral District and County above named, determined by survey and corners and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the bounds of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named well operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 5 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by or filed with the Department of Mines within ten days from the receipt of a copy of this notice and a accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

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 addresses

on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston,

West Virginia.

Very truly yours,

Owens, Liberty-Owens Gas Department

Well Operator

P. O. Box #103

Street

Charleston #

City or Town

West Virginia

State

Address of Well Operator

Section 5. If no such objections be filed or be found by the department of mines within said period of ten days from the receipt of this notice and plat by the department of mines to said proposed location, the holder thereof shall forthwith proceed to the well operator's drilling permit reciting the date of such plat that no objections have been made by the coal operators or land owners to the location or found thereon by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number

08/25/2023



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

May 21, 1960

A-10

C
O
P
Y

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

Att: Mr. A. H. Smith

Dear Sirs:

Enclosed are permits for drilling
 the following wells -

<u>Permit No.</u>	<u>Well No.</u>	<u>Farm</u>	<u>District</u>
LIN-1324	1-S-1000	Mary F. Bess	Washington
WAY-1291	73-S-929	Wilson Coal Land Co.	Lincoln
WAY-1292	3-S-1102	Marion Burgess Leach et al	Lincoln

Very truly yours,

CRAWFORD L. WILSON
 Director
 DEPARTMENT OF MINES

M. E. Gippich
 Assistant Director
 OIL AND GAS DIVISION

MB/m
 enclosures
 cc Mr. James W. Pack, Inspector
 Mr. R. C. Tucker, Assistant
 State Geologist



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

May 21, 1960

COPY

Queen, Liberty-Queen Gas Department
 P. O. Box 1158
 Charleston 1, West Virginia

Atty. Mr. A. H. Smith

Dear Sir:

Enclosed are permits for drilling
 the following wells -

Permit No.	Well No.	Owner	Location
WVA-1292	1-2-1102	Marion Hargess Leach of a Lincoln	Lincoln
WVA-1291	73-2-929	Wilson Coal Land Co.	Lincoln
WVA-1289	1-2-1000	Harry V. Bone	Washington

Very truly yours,

CHAMPION L. WILSON
 Director
 DEPARTMENT OF MINES

M. E. Fisher
 Assistant Director
 OIL AND GAS DIVISION

Mr. J. C. Fisher, Assistant
 State Geologist
 Mr. James W. Cook, Inspector
 Enclosures

A 11

August 23, 1960

Mr. A. H. Smith, Chief Geologist
Owens, Libbey-Owens Gas Department
P. O. Box 4168
Charleston 4, West Virginia

Dear Mr. Smith:

The enclosed copy of Inspector Pack's report regarding your Well No. 3-SR.-1102 being drilled under Permit WAY-1292, is self-explanatory. As you see, Mr. Pack believes that there should have been bridges above shale and Berea before bridge at 1850' was set.

I do not have the well record as yet but am forwarding this to you for your attention.

Very truly yours,

CRAWFORD L. WILSON, DIRECTOR
Department of Mines

Assistant Director
OIL AND GAS DIVISION

MG/b

cc: Mr. James W. Pack, Inspector

08/25/2023

A12
A10

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



September 2, 1960

W. Va. Department of Mines
Oil & Gas Division
Charleston, West Virginia

Reference: Your letter August 23, 1960
Permit Wayne-1292, Well No. 3-SR.-1102

Attention: Mrs. Marie Griffith

Gentlemen:

I have investigated Mr. James W. Pack's report on the partial plugging of our Marian Burgess "C" No. 3 well (further identified above).

Upon completion of drilling, our field people reported the well "dry" through the Brown Shale. Thereupon instructions were sent by radio to set a bridge below the Big Injun Sand.

The drillers' log was received in this office after those instructions were given. We then noted that there was some gas in the Shale, approximately 300 cubic feet. Technically speaking, a bridge should have been set above the Shale, as Mr. Pack reports. However, since the gas volume was hardly a "show" and the bridge was already installed above the Berea Sand, it did not seem practical to drill out the bridge and thereafter set two bridges, one above the Shale and a new one above the Berea.

From a practical point of view, there seems to be little value to the Berea and the Shale as productive formations in that area, and if any gas is found in those horizons the well operator would normally produce them together, that is, no tubing would be installed with a packer between. The situation in our well, at the worst, is that the Berea Sand and the Shale are sealed together rather than separately. This condition would not necessarily adversely affect any operator or owner of the gas rights if and when these horizons should be found productive.

The existing plug above the Berea Sand and the fact that the 4-1/2 inch casing is solidly cemented through the Big Injun Sand are adequate assurance that no water or oil will be let in on the Berea and below.

These remarks are offered to point out that whereas we failed to strictly comply with the regulations, the circumstances are such that we think no damage has been done to ourselves or other gas right owners in the vicinity. We do not take any exception to Mr. Pack's report. As a matter of fact, this gives us an opportunity to state that our field superintendents and our drilling superintendent consider him to be one of the most capable and efficient inspectors the Oil and Gas Division has had for a long time. He is very much respected and well thought of.

We would appreciate your comments on this matter at your early convenience.

Yours very truly,
OWENS, LIBBEY-OWENS GAS DEPARTMENT

By 
A. H. Smith,

Mgr. Land, Engrg., Geol. Dept.

08/25/2023

cc: Mr. AHS/ed
Pack

OWENS LIBBEY-OWENS GAS DEPARTMENT

8333 MACCORRLE AVENUE

P. O. BOX 4122

CHARLESTON & WEST VIRGINIA

September 2, 1930



W. Va. Department of Mines
Oil & Gas Division
Charleston, West Virginia

Reference: Your letter August 29, 1930
Permit Wayne-1292, Well No. 3-12-1102
Attention: Mrs. Marie Grimes

Dear Sir:

I have investigated Mr. James W. Beck's report on the partial plugging of our
Mendonburg "C" No. 3 well (further identified above).

Upon completion of drilling, our field people reported the well "dry" through
the brown shale. Therefore instructions were sent by radio to set a bridge below
the big iron band.

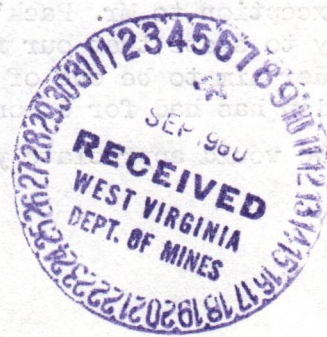
The drillers' log was received in this office after these instructions were
given. We then noted that there was some gas in the shale, approximately 300 cubic
feet. Technically speaking a bridge should have been set above the shale, as
Mr. Beck reports. However, since he had volume was fairly a "show" and the bridge
was already installed above the barren band, it did not seem practical to drill out
the bridge and re-enter set the bridge, one above the shale and a new one above
the barren.

From a practical point of view, which seems to be little value to the bore
and the shale as productive formations in that area, and in any case as found in
these horizons the well operator would normally produce them together, that is, no
taking would be installed with a packer between. The situation in our well at the
water, it that the barren band and the shale are sealed together rather than sepa-
rately. This condition would not necessarily adversely affect any operator or
owner of the gas rights if and when these horizons should be found productive.

The situation above the barren band and the shale is such that the well is
is entirely covered through the big iron band and adequate assurance that no water
or oil will be lost in on the zone and below.

These remarks are offered to point out that whereas we failed to actually
cover the shale, the circumstances are such that we think no damage has
been done to ourselves or other gas right owners in the vicinity. We do not take
any exception to Mr. Beck's report. As a matter of fact, this gives us an oppor-
tunity to our field experimenters and our drilling superintendants
of the past capable and efficient operators the Oil and Gas
Division at the same time. He is very much respected and well thought of.
Your comments on this matter at your early convenience.

Yours very truly,
OWENS LIBBEY-OWENS GAS DEPARTMENT



08/25/2023

Formation	Color	Hard or Soft	Top 19	Bottom	Oil, Gas or Water	Depth Found	Remarks
					6-20-60		
					Installed 7" casing at 1450'		
					Gas 1560-1562'		387 cu.ft.
					SIM 1570 = Sand IM 1568		
Keener Sand	Grey	Med.	1623	1645	Test 1623'		300 cu.ft.
Big Injun	Grey	Med.	1645	1730	Gas 1638'		387 cu.ft.
					Gas 1652'		548 cu.ft.
					Test 1676'		387 cu.ft.
					Gas 1680-1692		125 MCF
Slate	White	Soft	1730	1741			
Lime Shells	Grey	Hard	1741	1745	7-1-60		
					Installed 5 1/2" casing at 1745' with "Oilwell" Midget Bottom Hole Packer set from 1743 - 1745.		
Lime Shells	Grey	Med.	1745	1753			
Shells	Grey	Med.	1753	1775			
Slate	White	Soft	1775	2098			
Shells, Pkr.	Black	Hard	2098	2115			
Slate	White	Soft	2115	2135			
Shells, Pkr.	Black	Hard	2135	2150			
Slate	White	Soft	2150	2197			
Coffee Shells	Brown	Med.	2197	2218			
Berea	Grey	Hard	2218	2296	SIM 2226 = Sand IM 2225		
Slate	White	Soft	2296	2321			
Lime Shell	White	Hard	2321	2331			
Br. Shale	Brown	Med.	2331	2400			
Slate	White	Soft	2400	2457			
Lime Shell	White	Hard	2457	2465			
Slate	White	Soft	2465	2611			
Br. Shale	Brown	Med.	2611	2848	SIM 2611 = Sand IM 2610		
Slate	White	Soft	2848	2906			
Br. Shale	Brown	Soft	2906	2936			
Br. Shale	Brown	Med.	2936	3086	Gas pay 2950 - 2955'		300 cu.ft.
					Test 3036'		122 cu.ft.
					Gas pay 3065 - 3076'		346 cu.ft.
Slate	White	Soft	3086	3106			
			Total Depth	3106			
					7-27-60		
					Setting bridge from 1850 to 1760'. Put 2 bags of cement on top.		
					7-28-60		
					Pulled 5 1/2" casing & Packer Well open 7 Hrs. Test:		83 MCF
					8-1-60		
					Test in 5 Hrs:		85 MCF
					8-4-60		
					Installed 4 1/2" casing at 1749' 5" 2 - 4 1/2" centralizers set 12' & 75' off bottom		
					Used 20 bags cement & 5 bags Aquagel		
					Gas 3100 - 3103		11.5 MCF
					8-10-60		
					Dowell, Inc. fractured Big Injun Sand using 50,000 lbs. sand, 250 gal. mud acid, 15 gal. detergent, 800 bbl. water.		
					8-15-60		
					Installed & Pulled 1 1/2" tubing at 716' 9"		
					8-19-60		
					Test:		1982 MCF
					8-20-60		
					Test 6 Hrs. After Blowing Well: 1647 MCF		
					Final Open Flow:		
					Big Injun Sand		1647 MCF

08/25/2023

Date November 3, 1960

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By E. H. Smith
A. H. Smith, Mgr. (Title) Land, Engrg. & Geol.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 19

Quadrangle Wayne

Permit No. Way-1292

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston 4, W. Va.
Farm Marian Burgess "C" Acres Pt. 557
Location (waters)
Well No. 3 (Serial No. 1102) Elev. 1120.03
District Lincoln County Wayne
The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Mrs. Marian B. Leach
309 Lock Lane Address Richmond, Va.

Drilling commenced 6-1-60
Drilling completed 7-20-60

Date Shot _____ From _____ To _____

~~With~~ Fractured Big Injun 8-10-60

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume Big Injun 1,647 M Cu. Ft.

Rock Pressure 430 lbs. 38 hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water 510-515 feet _____ feet

Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			"Oilwell" Bottom
13			Hole
10			Size of
8x 5/8	463'2"	463'2"	5 1/2 x 7 x 8
7	1447'11"	1447'11"	Depth set
5x7 1/2	1743'6"	Pulled	1743 - 1745
4 1/2	1749'5"	1749'5"	Perf. top
1 1/2	716'9"	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

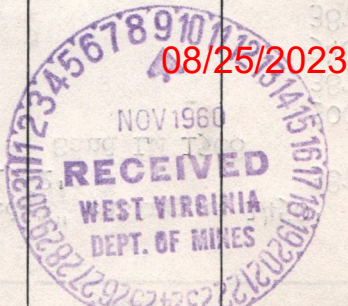
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 408 FEET 48 INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	Red	Soft	0	5			
Slate	White	Soft	5	35			
Sand	White	Med.	35	221			
Slate	White	Soft	221	310			
Sand	White	Med.	310	400			
Slate	White	Soft	400	408			
Coal	Black	Soft	408	412			
Slate	White	Soft	412	420			
Sand	White	Med.	420	460			
Slate	White	Soft	460	471	6-8-60		
Sand	White	Soft	471	482	Installed 8-5/8" casing at 463' on shoe		
Slate	White	Soft	482	492			
Sand	White	Med.	492	518			
Slate	White	Soft	518	533			
Sand	White	Med.	533	565			
Slate	White	Soft	565	578			
Sand	White	Soft	578	617			
Slate	White	Soft	617	745			
Sand	White	Soft	745	755			
Slate	White	Soft	755	810			
Sand	White	Med.	810	860			
Slate	White	Soft	860	932			
Salt Sand	White	Med.	932	1075	Gas 997'		22.1 MCF
Slate	White	Soft	1075	1085			
Salt Sand	White	Med.	1085	1100			
Slate	White	Soft	1100	1139			
Salt Sand	White	Med.	1139	1349			
Slate	Blue	Soft	1349	1361			
Sand	White	Hard	1361	1405			
Little Lime	Grey	Hard	1405	1419			
Little Lime	White	Hard	1419	1430			
Pencil	Black	Soft	1430	1433			
Big Lime	White	Hard	1433	1623			



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

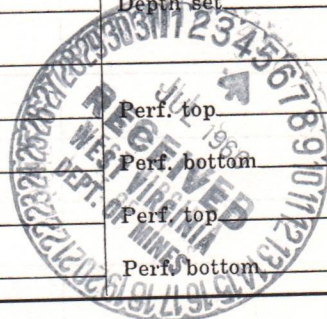
INSPECTOR'S WELL REPORT

Permit No. May 1292

Oil or Gas Well 3-5-1102
(KIND)

Company O. L. O. Gas Dept
 Address Box 4168, Charleston, W. Va.
 Farm Marion Burgess
 Well No. 3-5-1102
 District Lincoln County Wayne
 Drilling commenced 6/2/60
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ 25/10ths Water in 1/8 Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 275 feet water 510 feet
 Salt water 1042 feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10	<u>9' wood</u>		Size of _____
8 1/4	<u>463</u>		
6 5/8	<u>1450</u>		Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____



CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 COAL WAS ENCOUNTERED AT 410 FEET 60 INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Norman Vance
E. A. Hoger

Remarks: Salt sand 930 to 1400 big line 1433 to 1623
big injun sand 1645. Gas 1647 to 1649 $\frac{20}{10}$ W $\frac{1}{8}$ in
plate. Increase to $\frac{16}{10}$ W 2" Plate at dept ~~1707~~ 1707.
Drilling dept 1707 injun sand.

6/29/60
DATE

J.W. Paek
DISTRICT WELL INSPECTOR
08/25/2023

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
08/25/2023

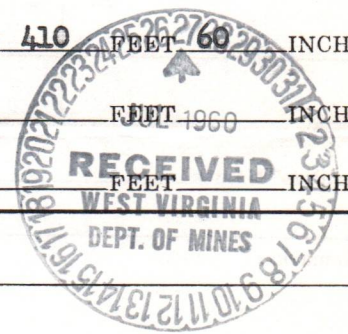
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1292

Oil or Gas Well Gas
(KIND)

Company <u>Owens Libby Owens Gas Dept.</u> Address <u>Box 4168</u> <u>Charleston 4, W. Va.</u> Farm <u>Marion Burgess</u> Well No. <u>3 SR-1102</u> District <u>Lincoln</u> County <u>Wayne</u> Drilling commenced <u>6-2-60</u> Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow <u>16/</u> /10ths Water in <u>2</u> Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume <u>163,000</u> Cu. Ft. Rock pressure <u>450# Injun</u> lbs. <u>48</u> hrs. Oil _____ bbls., 1st 24 hrs. Fresh water <u>275</u> feet _____ feet Salt water <u>1042</u> feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
16				
13				
10		9'		Size of
8 1/4		436'		
6 5/8		1450'		Depth set
5 3/16		1745'		
3				Perf. top
2				Perf. bottom
Liners Used				Perf. top
				Perf. bottom
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____				
COAL WAS ENCOUNTERED AT <u>410</u> FEET <u>60</u> INCHES				
_____ FEET _____ INCHES _____ FEET _____ INCHES				
_____ FEET _____ INCHES _____ FEET _____ INCHES				



Drillers' Names Norman Vance
E. A. Hager

Remarks: Salt Sand 930'-1400'; Big Lime 1433'-1623'; Injun Sand 1645'; Gas in Injun Sand 1647', 1707', 16/10 Water 2"; bottom of Injun sand 1730'; Berea Sand 2218'-2295'; Brown Shale 2331'-2400'; Braden Headed Injun Gas between 6-5/8" and 5-3/16" Casing. Rock Pressure on Injun Sand 450#. Drilling depth- 2940'- Brown Shale.

7/19/60
DATE

J.W. Pack
DISTRICT WELL INSPECTOR
08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner _____ Location _____ Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1292

Oil or Gas Well 3-S-1102
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Owens Libby Owens Gas Dept.</u>				
Address	<u>Box 4168 Charleston 4, W. Va.</u>	Size			
Farm	<u>Marion Burgess, et al</u>	16			Kind of Packer
Well No.	<u>3-S-1102</u>	13			
District	<u>Lincoln</u> County <u>Wayne</u>	10	<u>9' wood</u>		Size of
Drilling commenced	<u>6-2-60</u>	8 1/4	<u>436'</u>		
Drilling completed	<u>7-21-60</u> Total depth <u>3106'</u>	6 5/8	<u>1450'</u>		Depth set
Date <u>shot</u>	<u>8-10-60</u> Depth of shot <u>1760'</u>	5 3/16	<u>1745'</u> pulled		
Initial open flow	<u>14</u> /10ths Water in <u>5/8" Plate</u> Layers Used	4-1/2"	<u>1749'</u>		Perf. top <u>1684'</u>
Open flow after tubing	_____/10ths Merc. in ____ Inch	2			Perf. bottom
Volume	____ Cu. Ft.				Perf. top
Rock pressure	<u>430</u> lbs. <u>38</u> hrs.				Perf. bottom
Oil	____ bbls., 1st 24 hrs.	CASING CEMENTED <u>20 sacks</u> <u>4 1/2"</u> No. FT. ____ Date ____			
Fresh water	<u>275</u> feet	<u>5 sacks aquagel</u>			
Salt water	<u>1042'</u> feet	COAL WAS ENCOUNTERED AT <u>410</u> FEET <u>60</u> INCHES			
		____ FEET ____ INCHES FEET ____ INCHES			
		____ FEET ____ INCHES FEET ____ INCHES			

Drillers' Names Norman Vance
E. A. Hager

Remarks: Well drilled to 3106'. Well was being fractured when I arrived. Bridge set @ 1850', 120 ft. below Injun Sand. The drillers informed me it was all open hole from 1850' to 3106'. There should have been bridges above the Shale and Berea. Well was fractured with 900 Barrels water and 50,000 Lbs. sand. Swabbing back water at 5:30 P.M.

8-10-60

DATE

J.W. Packer

AUG 1960

RECEIVED

DISTRICT WELL INSPECTOR

WEST VIRGINIA DEPT. OF MINES

08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

This report was prepared by the District Well Inspector on the basis of the information furnished by the driller. The driller is responsible for the accuracy of the information furnished. The District Well Inspector is not responsible for the accuracy of the information furnished by the driller. The District Well Inspector is not responsible for the accuracy of the information furnished by the driller.

I hereby certify I visited the above well on this date.

DATE _____

DISTRICT WELL INSPECTOR
08/25/2023

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-099-1292</u>				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA		<u>NA</u> Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>NA</u> feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>Industrial Gas Corporation</u>			<u>009283</u> Seller Code	
	Name <u>P. O. Box 1473</u>				
	Street <u>Charleston</u>		<u>WV</u> State	<u>25325</u> Zip Code	
	City				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>NA</u>				
	Field Name <u>Wayne</u>		<u>WV</u> State		
(b) For OCS wells:	<u>NA</u> Area Name		<u>NA</u> Block Number		
	Date of Lease: <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> Mo. Day Yr.		<u>NA</u> OCS Lease Number		
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Marian Burgess "C" 3-1102</u>				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>NA</u>				
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" <u>Houdaille Industries, Inc.</u>			<u>N/Available</u> Buyer Code	
	Name				
(b) Date of the contract:	<u>1 2 2 6 7 3</u> Mo. Day Yr.				
(c) Estimated annual production:	<u>10.5</u> MMcf.				
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	
7.0 Contract price: (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>	<u>1 3 3 6</u>	
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2 . 2 4 3</u>	<u>0 . 3 0 2</u>	<u>0 . 0</u>	<u>2 . 5 4 5</u>	
9.0 Person responsible for this application:	<u>William C. Charlton</u> <u>Division Counsel</u>				
	Agency Use Only		Name <u>William C. Charlton</u>		
	Date Received by Juris. Agency <u>FEB 20 1979</u>		Title <u>Division Counsel</u>		
	Date Received by FERC		Signature <u>William C. Charlton</u>		
		<u>02 / 28 / 79</u> Date Application is Completed		<u>(304) 342-8166</u> Phone Number	

FT7900308/2-2

08/25/2023

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE:

0CT 19 1979

BUYER-SELLER CODE

WELL OPERATOR:

Industrial Gas Corporation

009283

FIRST PURCHASER:

Houdaille Industries, Inc.

OTHER:

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
790228-108-099-1292
 Use Above File Number on all Communications
 Relating to Determination of this Well

Qualifies as Section 108. stopper well.

Robert [Signature]

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 Only _____ Was Oil Produced? _____ Ratio _____
- 7 IV-39- Annual Production 2 years
- 8 IV-40- 90 day Production 86 Days off Line: _____
- 9 IV-48- Application for Certification. Complete?
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - ~~56~~ - 57 - 58. Complete Affidavit Signed
- 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
- 1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
- (5) Date Commenced: 6-1-60
 Date Completed: 8-20-60 Deepened _____
 Frac: _____
- (5) Production Depth: 932-1075 ; 1433-1623; 1638-1692; 2936-3086;
- (5) Production Formation: Salt Sand; Big Lino; Keener, Big Injun; Br. Shale;
- (5) Final Open Flow
 Initial Potential: 1,647 mcf D
- (5) After Frac
 Static R.P. 430# 38 hrs
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: $\frac{11548}{365} = 31.64$ mcf
- (8) Avg. Daily Gas from 90-day ending w/1-120 days: $\frac{3564}{86} = 41.44$ mcf
- (8) Line Pressure: 28# PSIG from Daily Report
- (5) Oil Production: _____ From Completion Report _____ 08/25/2023
- (10-17) Does lease inventory indicate enhanced recovery being done: NO
- (10-17) Is affidavit signed? Notarized?

Does official well records in the Department confirm the submitted information? yes

Additional Information _____ Does computer program confirm? _____

Was Determination Objected to? _____ By Whom? _____

my [Signature]

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

Date 02/28, 1979
Operator's Well No. 3-1102
API Well No. 47 - 099 - 1292
State County Permif

WELL CLASSIFICATION FORM

STRIPPER GAS WELL
NGPA Section 108

DESIGNATED AGENT William C. Charlton
ADDRESS P. O. Box 1473
Charleston, WV 25325

WELL OPERATOR Industrial Gas Corporation LOCATION: Elevation 1,120.37'
ADDRESS P. O. Box 1473 Watershed Not Available
Charleston, WV 25325 Dist. Lincoln County Wayne Quad. Wayne
GAS PURCHASER * Gas Purchase Contract No. *
ADDRESS Meter Chart Code R0437
Date of Contract *

*See FERC-121 - 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.

08/25/2023

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.



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, 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 28 day of February, 1979.

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

08/25/2023


Notary Public

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

Date February 28, 1979

Operator's Well No. 3-1102

API Well No. 47 - 099 - 1292
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. NA
(If Applicable)

WELL OPERATOR Industrial Gas Corporation

DESIGNATED AGENT William C. Charlton

ADDRESS P. O. Box 1473
Charleston, W. Va. 25325

ADDRESS P. O. Box 1473
Charleston, W. Va. 25325

Gas Purchase Contract No. * _____ and Date _____
Meter Chart Code R0437 (Month, day and year)

Name of First Purchaser * _____

(Street or P. O. Box)
(City) (State) (Zip Code)

FERC Seller Code 009283 FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 108 Section of NGPA NA Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

(*See FERC-121 Addendum "A")

William C. Charlton Division Counsel
Name (Print) Title
William C. Charlton
Signature
P. O. Box 1473
Street or P. O. Box
Charleston, W. Va. 25325
City State (Zip Code)
(304) 342-8166
Area 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 Gas Policy Act of 1978, (NGPA); or 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 go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

FEB 28 1979

Robert S. Hill
Director

Date received by _____
Jurisdictional Agency

By _____
Title _____

08/25/2023

IV-39-WC

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

ANNUAL REPORT OF MONTHLY PRODUCTION-1977
GAS VOLUMES IN MFC @ 14.73
OIL IN BARRELS @ 60 DEGREES
OPERATOR Industrial Gas Corporation
COUNTY Wayne
FARM 1 Burgess "C" 3-1102

REPORT NO. CCA101P1 PG 00002
CURRENT DATE - 2/28/79
REPORT DATE - 2/28/79

API	47-099-01292	FARM 1	Burgess "C"	3-1102	COUNTY	Wayne	AVG. FLOW PRESSURE	54	SHUT-IN PRESSURE	NA	TOTALS
GAS MFC	612	687	436	514	438	259	100	630	414	462	890
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	5-	H-	0AS
DAYS ONLINE	31	33	27	30	32	29	27	37	29	29	6669
											364

1977

API	47-099-01292	FARM 1	Burgess "C"	3-1102	COUNTY	Wayne	AVG. FLOW PRESSURE	38	SHUT-IN PRESSURE	NA	TOTALS
GAS MFC	1557	1084	660	706	753	687	569	1258	710	1654	11548
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	5-	H-	0AS
DAYS ONLINE	35	28	28	30	33	30	32	28	35	30	11548
											365

1978

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.

API NUMBERS 47-099-1218; 47-099-1260; 47-099-1292; 47-099-1355; 47-099-1369; 47-099-1387

08/25/2023

E5

September 8, 1960

Mr. James W. Pack, Inspector
Oil and Gas Wells
Hamlin, West Virginia

Dear Jim:

Enclosed is copy of letter from Mr. A. H. Smith of Owens, Libbey-Owens Gas Department dated September 2, explaining the open hole from 3106' to 1850' about which you reported on August 10 (Permit WAY-1292).

I don't have the well record yet and I cannot check until I get it.

Do you think Mr. Smith's report is satisfactory?

Very truly yours,

CRAWFORD L. WILSON, DIRECTOR
Department of Mines

Assistant Director
OIL AND GAS DIVISION

MG/b

Enclosure

08/25/2023

EL6

September 15, 1960

Mr. A. H. Smith
Owens, Libbey-Owens Gas Department
P. O. Box 4158
Charleston 4, West Virginia

Subject: Permit Wayne-1292, Well No. 3-SR.-1102
Your letter September 2, 1960

Dear Mr. Smith:

Thank you, very much, for your letter with reference to the above-mentioned subject.

Your explanation clears the matter and is approved.

We appreciate your reference to Mr. Pack's ability as an inspector as we too think he is one of the best the Department has ever had.

Thank you again for your cooperation.

Very truly yours,

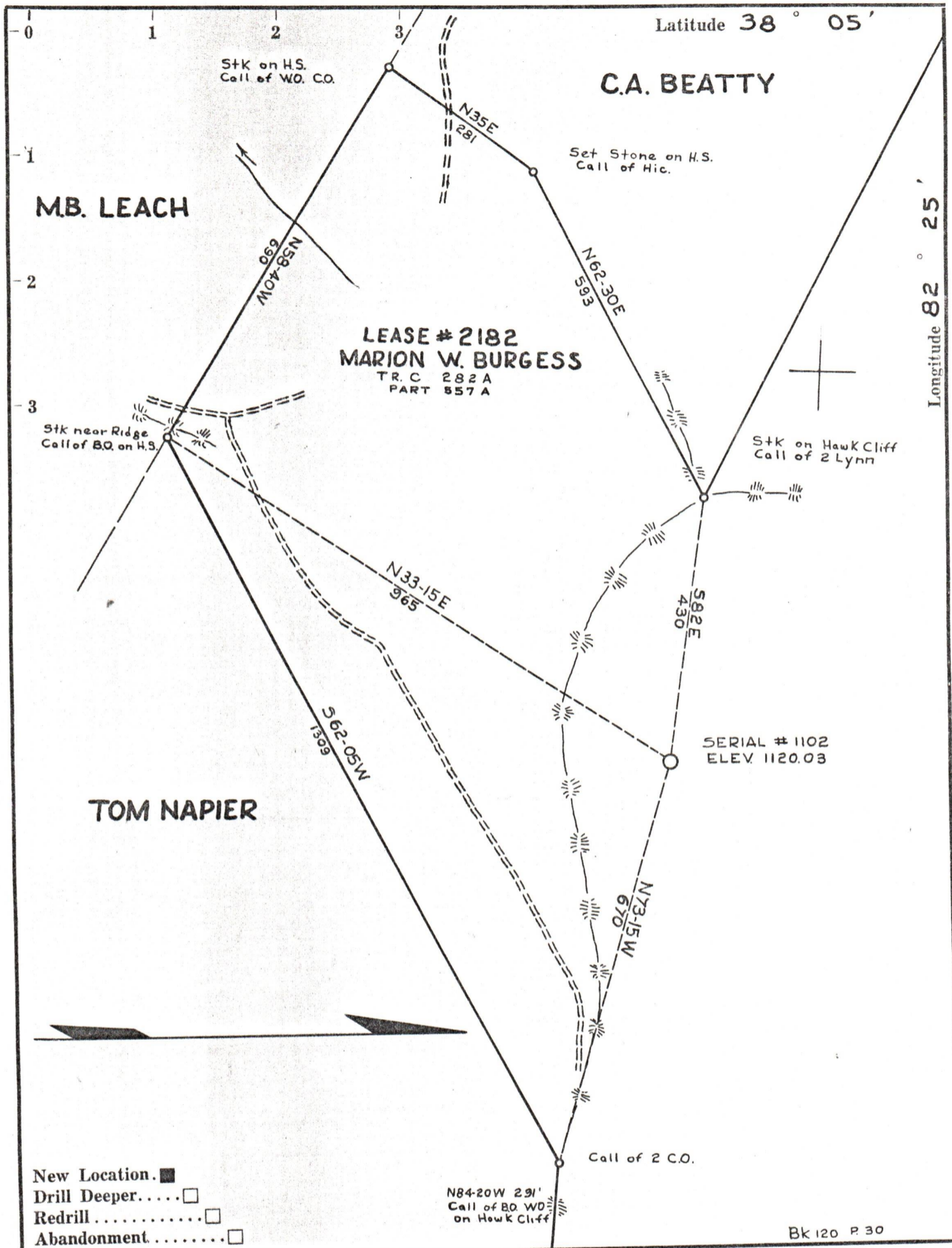
CRAWFORD L. WILSON, DIRECTOR
Department of Mines

Assistant Director
OIL AND GAS DIVISION

NG/b

cc: Mr. James W. Pack, Inspector

08/25/2023



- New Location.
- Drill Deeper.
- Redrill
- Abandonment

N84-20W 291'
Call of BQ. WD
on Hawk Cliff

Bk 120 P. 30

Company OWENS, LIBBEY-OWENS GAS DEPT
 Address BOX 4 168 CHARLESTON 4, W. VA.
 Farm MARION W. BURGESS "C"
Part 557
 Tract C Acres 282 Lease No. 2182
 Well (Farm) No. 3 Serial No. 1102
 Elevation (Spirit Level) 1120.03
 Quadrangle WAYNE
 County WAYNE District LINCOLN
 Engineer T.S FLOURNOY
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date MAY 10, 1960 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. WAY-789E 08/25/2023

+ 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.