



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.

Freeland Trogdon etal
COAL OPERATOR OR COAL OWNER

Wayne, West Virginia
ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS
Owens-Illinois Glass Company and Libbey-Owens-Ford Glass Company
OWNER OF MINERAL RIGHTS (oil & gas)

P. O. Box 4158, Charleston 4, W. Va.
ADDRESS

Owens, Libbey-Owens Gas Department
NAME OF WELL OPERATOR

P. O. Box 4158, Charleston 4, W. Va.
COMPLETE ADDRESS

July 20, 19 56
PROPOSED LOCATION

Stonewall District

Wayne County

Well No. 49 (O.L.O. Serial #1011) ^{38° 10'} _{82° 20'}

Hoard-Baldwin Farm

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, ~~to cause the same to be) under grant or lease dated~~

December 17, 1936, made by H. Rummel Anderson and T.B. Jackson, Sp. Com. to

Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 23rd day of December 1936, in the office of the County Clerk for said County in Book 188, page 133.

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 ~~days 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

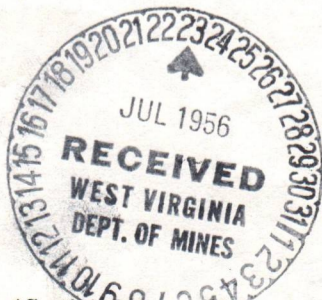
P. O. Box 4158
STREET

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.

1020



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.

Freeland Trogon et al.

COAL OPERATOR OR COAL OWNER

Wayne, West Virginia

ADDRESS

COAL OPERATOR OR COAL OWNER

Owens-Illinois Glass Company and
Libbey-Owens-Ford Glass Company

OWNER OF MINERAL RIGHTS (Oil & Gas)

P. O. Box 1158, Charleston, W. Va.

ADDRESS

Owens, Libbey-Owens Gas Department

NAME OF WELL OPERATOR

P. O. Box 1158, Charleston, W. Va.

COMPLETE ADDRESS

PROPOSED LOCATION

Storewell

DISTRICT

Wayne

COUNTY

Well No. 19 (O.I.O. Serial 11011) P. O. Box 1158

Hoard-Baldwin

FARM

REMARKS:

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

oil and gas having for the title thereto a mineral interest in the

December 17, 1936

Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co. and located on the 22nd day

of December 1936 in the office of the County Clerk for said County in

Book 188 page 133

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 bearings from two permanent points of land marks.

The undersigned well operator is informed and believes there are no coal operators operating lands of coal lands on 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 their maps as required by law, excepting the coal operators or coal owners in and above named by address.

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 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, Libbey-Owens Gas Department

WELL OPERATOR

P. O. Box 1158

STREET

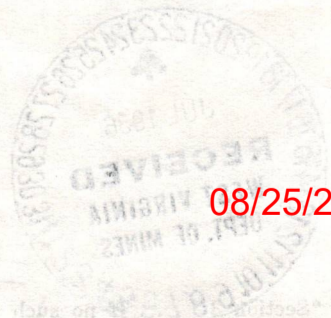
Charleston, W. Va.

CITY OR TOWN

West Virginia

STATE

Address of Well Operator



08/25/2023

Section 3 of the Code requires that each objection be filed on or before the department of mines, within said period of ten days from the receipt of such notice and plat by the department of mines, to said proposed location, the objection must set forth the reasons therefor, and the objection must be accompanied by a plat showing the location of the proposed well, and that the same is approved and the well operator authorized to proceed to drill at said location.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	White	Hard	950	972	Water at 972,		hole full
Slate	Grey	Med.	972	981			
Sand	White	Hard	981	1003			
Slate	Grey	Med.	1003	1023			
Slate	Blue	Soft	1023	1034			
Little Lime	Grey	Hard	1034	1066			
Big Lime	White	Hard	1066	1243			
Red Injun	Red	Hard	1243	1218			
Red Injun	Red	Med.	1248	1266			
Grey Injun	Grey	Med.	1266	1316			
Slate	-	-	1316	1335			
			Total Depth	1335			
							10-22-56 Ran 7" casing at 1084 ft. on shoe and with 25 sacks cement.
							Gas 1180' 262 MCF
							Test in 5 hours 1180' 172 MCF
							Test at 1245' 133 MCF
							11-5-56 Ran 3 1/2" tubing at 1245 ft. with "Oilwell" Combination Wall & Anchor Packer set from 1107 to 1113 ft.
							Gas tested 160 MCF after well was open 6 1/2 hours.
							11-8-56 Acidized well with 1000 gal. HCl. Blew; tested in 1 hour 230 MCF
							2 hrs. 196 MCF
							11-9-56 17 hour R.P. 498#
							Well open: 1 Hr. 251 MCF
							4 Hrs. 183 MCF
							11-13-56 Pulled 3 1/2" tubing. Bailed and resumed drilling at 1248 ft.
							Tests of Big Lime gas: .
							1272' 157 MCF
							1281' 157 MCF
							Gas 1288' 175 MCF
							Gas 1302' 262 MCF
							Test 1335' 247 MCF
							Filled hole to 1317 ft.
							11-15-56 Well open 4 1/2 hours before shot. Shot with 350# Detonite from 1285 -1317 tamped with 21 ft. pea gravel.
							Time bomb set for 12:45 P.M.
							Tamp drilled out 6-3/4 hours after shot.
							At 7 1/2 hours after shot, gas tested 546 M
							Began cleaning out -
							At 24 1/2 hours A.S. 282 MCF
							52-3/4 " " 277 MCF
							11-24-56 Reinstalled 3 1/2" tubing at 1337' on Comb. Packer set from 1219 - 1225. Tubing set up 2'5" above rig floor.
							Final Open Flow:
							Big Lime 127 MCF
							Big Injun 149 MCF
							276 MCF
							Well shut -in in 3 1/2" tubing 9 days after shot.

08/25/2023

Date November 30, 19 56

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. Smith
A. H. Smith (Title) Geologist



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Wayne

WELL RECORD

Permit No. Way-1020

Oil or Gas Well Gas
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4158, Charleston 4, W. Va.
Farm Hoard-Baldwin Acres 220
Location (waters)
Well No. 49 (Serial No. 1011) Elev. 662.53
District Stonewall County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Owens, Libbey-Owens Gas Dept
Address _____
Drilling commenced 9-28-56
Drilling completed 11-14-56
Date Shot 11-15-56 From 1285 To 1317
With 350# Detonite

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			"Oilwell" Comb.W.A.
10 3/4	26'6"	26'6"	Size of _____
8 5/8	220'	220'	3 1/2 x 7 x 16
7	1084'5"	1084'5"	Depth set _____
6 1/2	1248'1"	Pulled	1219 - 1225
5 1/2	1339'11"	Pulled	Perf. top 1234
5 1/2	---	1341'7"	Perf. bottom 1245
Liners Used			Perf. top _____
			Perf. bottom _____

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume (B.L. 127M; B.I. 149M) 276 M Cu. Ft.
Rock Pressure 307 lbs. 39 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 156, 680, feet _____ feet
Salt water 972 feet _____ feet

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

COAL WAS ENCOUNTERED AT 87 FEET 36 INCHES
145 FEET 24 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	-	-	0	16			
Sand & Gravel	-	-	16	22			
Sand	-	-	22	32			
Slate	Blue	Soft	32	87			
Coal	Black	Soft	87	90			
Slate	White	Soft	90	97			
Sand	White	Med.	97	125			
Sand	Grey	Med.	125	145			
Coal	Black	Soft	145	147			
Slate	Blue	Soft	147	156			
Sand	Grey	Med.	156	176			
Slate	Grey	Soft	176	239			
Slate	Dark	Soft	239	312			
Slate	White	Soft	312	359			
Shells	Dark	Hard	359	369			
Slate	White	Soft	369	382			
Slate	Blue	Soft	382	412			
Lime Shell	Yellow	Hard	412	431			
Sand	White	Med.	431	453			
Slate	Blue	Soft	453	513			
Lime Shell	Grey	Hard	513	518			
Slate	Blue	Soft	518	538			
Lime	Brown	Hard	538	563			
Slate	White	Soft	563	566			
Sand	White	Hard	566	577			
Sand	White	Med.	577	602			
Slate	White	Soft	602	611			
Salt Sand	White	Soft	611	631			
Salt Sand	White	Hard	631	656			
Salt Sand	White	Med.	656	696			
Slate	White	Soft	696	708			
Slate	White	Hard	708	736			
Slate	White	Soft	736	756			
Salt Sand	White	Soft	756	806			
Salt Sand	White	Hard	806	945			
Slate	Blue	Soft	945	950			

Water, 156, hole full.

Water at 680'

08/25/2023

RECEIVED

FEB 28 1979

1.0 API well number: (If not available, leave blank. 14 digits.)	47-099-1020			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA		NA 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		009283 Seller Code	
	Charleston Street City		WV State	25325 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 State	
(b) For OCS wells:	NA Area Name		NA Block Number	
	Date of Lease: Mo. Day Yr.		NA OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Hoard Baldwin 49-1011			
(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:	3.3 MMcf.			
	(a) Base Price (\$/MMBTU)	(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.)	1.283	0.051	0.003	1.336
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:	William C. Charlton Name Division Counsel Title			
Agency Use Only	Signature William C. Charlton			
Date Received by Juris. Agency	02/28/79 Date Application is Completed			
Date Received by FERC	(304) 342-8166 Phone Number			

OIL & GAS DIVISION
DEPT. OF MINES

08/25/2023

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE:

OCT 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 - 1020
 Use Above File Number on all Communications
 Relating to Determination of this Well

Qualified as Section 108, stripper well.
 Press (initials)

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 93 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: 9-28-56
 Date Completed: 11-14-56 (initial) Deepened
- (5) Fraced:
- (5) Production Depth: 1234.45; 1288; 1302
- (5) Production Formation: Big LIME; INJUN
- (5) Final Open Flow 127 MCF BIG LIME, BIG INJUN - 149 MCF
- (5) Initial Potential:
- (5) Static R.P. Initially: 307#
- (6) Other Gas Test:
- (7) Avg. Daily Gas from Annual Production: 8.36 MCF 3060
366
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 9.04 MCF 841/93
- (8) Line Pressure: 20 PSIG from Daily Report
- (5) Oil Production: From Completion Report
- (10-17) Does lease inventory indicate enhanced recovery being done: NO 08/25/2023
- (10-17) Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? YES

Additional Information pp. 1335-1317 Does computer program confirm?

Was Determination Objected to? By Whom?

JM

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

Date 02/28, 1979

Operator's Well No. 49-1011

API Well No. 47 - 099 - 1020
State County Permit

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 662.53'

ADDRESS P. O. Box 1473 Watershed Not Available
Charleston, WV 25325 Dist. Stonewall County Wayne Quad. Wayne

GAS PURCHASER * _____ Gas Purchase Contract No. * _____

ADDRESS _____ Meter Chart Code R0205

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

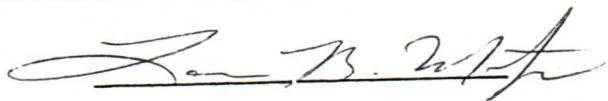
Describe the search made of any records listed above:

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 . 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, 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, 19 85 **08/25/2023**

Charlotte I. Mathews
Notary Public

IV-39-WC

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

ANNUAL REPORT OF MONTHLY PRODUCTION-197A

GAS VOLUMES IN MFC 2 14.73
OIL IN DARRELLS 2 60 DEGREES
10, 18
Industrial Gas Corporation

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

OPERATOR : Wayne

API	47-099-1020	FARM	Hoard-Baldwin	49-1011	COUNTY	Wayne	AVG. FLOW PRESSURE	47	SHUT-IN PRESSURE	NA	TOTALS			
GAS MFC	119	100	105	295	190	190	198	226	255	302	340	390	0AS	2710
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	S-	0-	H-	D-	OIL	
DAYS ONLINE	35	28	28	35	29	28	35	27	35	28	28	35		371

1977

API	47-099-1020	FARM	Hoard-Baldwin	49-1011	COUNTY	Wayne	AVG. FLOW PRESSURE	20	SHUT-IN PRESSURE	NA	TOTALS			
GAS MFC	309	315	256	307	229	265	91	193	254	296	251	294	0AS	3060
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	S-	0-	H-	D-	OIL	
DAYS ONLINE	28	28	29	35	27	35	29	27	35	28	29	36		366

1978

2/28/79

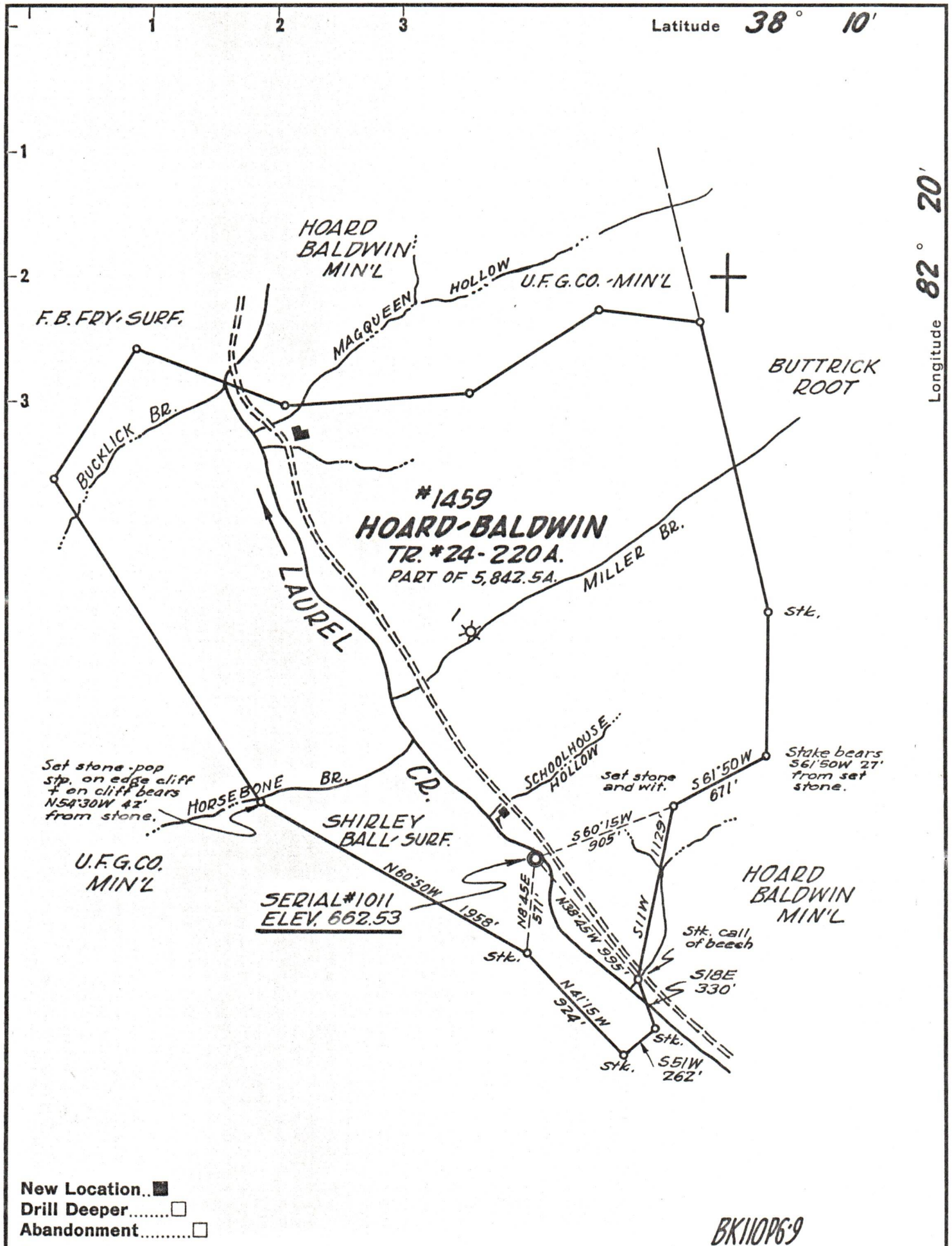
SUMMARIZATION SCHEDULE
Section 271. 804 (b)

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

- 47-099-1653; 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; 47-099-0034; 47-099-0048;
- 47-099-1417; 47-099-1418; 47-099-0466; 47-099-0267; 47-099-0991; 47-099-0290; 47-099-0279;
- 47-099-1219; 47-099-1229; 47-099-1248; 47-099-1273; 47-099-1278; 47-099-1288.

08/25/2023



New Location..
 Drill Deeper.....
 Abandonment.....

BK110P6:9

Company OWENS, LIBBEY-OWENS GAS DEPT.
 Address BOX 4158 CHARLESTON 4, W. VA.
 Farm HOARD-BALDWIN
 Tract 24 Acres 220 Lease No. 1459
 Well (Farm) No. 49 Serial No. 1011
 Elevation (Spirit Level) 662.53
 Quadrangle WAYNE
 County WAYNE District STONEWALL
 Engineer T.S. FLOURNOY
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date JULY 19, 1956 Scale 1" = 800 FT.

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

WELL LOCATION MAP

FILE NO. WAY-1020

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.