



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.

State of West Virginia

COAL OPERATOR OR COAL OWNER  
Conservation Commission  
Charleston 5, W. Va.

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

OWNER OF MINERAL RIGHTS

ADDRESS

Owens, Libbey-Owens Gas Department

NAME OF WELL OPERATOR

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

COMPLETE ADDRESS

August 10, 19 55

PROPOSED LOCATION

Lincoln District

Wayne County

Well No. 74 (Serial No. 930) 38° 00' 22' 15"

Wilson Coal Land Company 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, ~~(or as the case may be) under grant or lease dated~~ December 17, 1936, made by R. Rummell Anderson & Thomas B. Jackson - Special Commissioners, to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 23d day of December, 1936, in the office of the County Clerk for said County in Book 188, page L-33.

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 4158

STREET

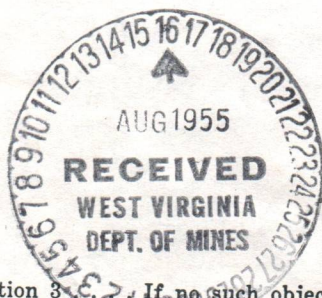
Charleston 4,

CITY OR TOWN

West Virginia

STATE

02/02/2024



Address of Well Operator }

\*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.

WAY-981

PERMIT NUMBER

981



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.

Owens, Lipbey-Owens Gas Department  
NAME OF WELL OPERATOR  
P. O. Box 1158, Charleston, W. Va.  
COMPLETE ADDRESS

State of West Virginia  
COAL OPERATOR OR COAL OWNER  
Conservation Commission  
Charleston, W. Va.  
ADDRESS

August 10, 1935  
PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER  
ADDRESS

Lincoln  
District

ADDRESS

Wayne  
County

OWNER OF MINERAL RIGHTS  
ADDRESS

Well No. 714 (Serial No. 930)  
Wilson Coal Land Company  
Farm

ADDRESS

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having for this purpose, been duly licensed by the State of West Virginia, and the County above named, determined by survey and courses and distances from two permanent points or monuments on the land, and the location of the well is shown on the map filed in the office of the County Clerk for said County in Book 188, page 1-33 of December, 1935.

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 or County above named, determined by survey and courses and distances from two permanent points or monuments on the land, and the location of the well is shown on the map filed in the office of the County Clerk for said County in Book 188, page 1-33 of December, 1935.

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 boundary 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.

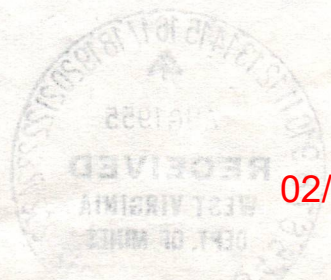
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their 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 \_\_\_\_\_ month \_\_\_\_\_ year, 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 1158  
Charleston, W. Va.  
CITY OR TOWN  
West Virginia  
STATE

Address of Well Operator



02/02/2024

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 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.

A-10

# OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



August 10, 1955

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

Gentlemen:

We are submitting an application for a permit to drill well No. 74 on our Wilson Coal Land Company tract situated in Lincoln District, Wayne County, West Virginia.

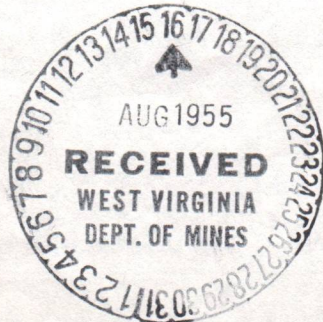
Attached to the application is a plat showing the proposed location of said well.

Yours very truly,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

By T. S. Flournoy  
T. S. Flournoy, Chief Engineer

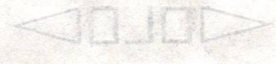
TSF/ed  
Enclosures



02/02/2024

OWENS LIBBY-OWENS GAS DEPARTMENT

2750 MACCORRY AVENUE  
P. O. BOX 100  
CHARLESTON & WEST VIRGINIA



March 10, 1955

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

Dear Sir:

We are submitting an application for a permit to drill well No. 10 on our Wilson Coal Land Company tract situated in Lincoln District, Wayne County, West Virginia.

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

Yours very truly,

OWENS LIBBY-OWENS GAS DEPARTMENT

T. S. Flannery, Chief Engineer

TFE/eb  
Enclosure



02/02/2024

A-11

# OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



December 30, 1959

W. Va. Dept. of Mines  
Oil & Gas Division  
2002 Quarrier St.  
Charleston, W. Va.

Gentlemen:

We are preparing to drill Well No. 74-SR-930 on our Wilson Coal Land Company tract and will appreciate if you will reinstate permit Way-981 which was originally issued to us on August 26, 1955. We thank you for this cooperation.

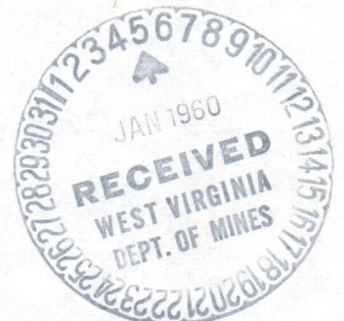
Yours very truly,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

By

*T. S. Flournoy*  
T. S. Flournoy, Chief Engineer

TSF/ed



02/02/2024

OWENS, LIBBEY-OWENS GAS DEPARTMENT

2703 MACCORRUE AVENUE  
P. O. BOX 4155  
CHARLESTON & WEST VIRGINIA



December 30, 1952

W. Va. Dept. of Mines  
Oil & Gas Division  
2002 Quartermaster  
Charleston, W. Va.

Government:

We are preparing to drill Well No. 74-22-230 on  
our Wilson Coal Land Company tract and will appreciate  
if you will reinstate permit 247-21 which was original-  
ly issued to us on August 29, 1952. We thank you  
for this cooperation.

Yours very truly,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

F. S. Johnson, Chief Engineer

TST/ed

7A-12

January 5, 1960

Owens, Libby-Owens Gas Department  
P. O. Box 4158  
Charleston 4, West Virginia

Att: Mr. T. S. Flournoy  
Chief Engineer

Dear Sirs:

We have reinstated Permit WAY-981 for drilling  
Well No. 74-SR-930 on Wilson Coal Land Company tract, Lincoln  
District, Wayne County.

Very truly yours,

Crawford L. Wilson, Director  
DEPARTMENT OF MINES

---

Assistant Director  
OIL AND GAS DIVISION

MG/m

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

02/02/2024

Formation	Color	Hard or Soft	Top <sup>17</sup>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Maxton	Grey	Hard	1375	1400			
Lime, Shells	Grey	Hard	1400	1434			
Red Rock	Red	Soft	1434	1445			
Maxton	Grey	Hard	1445	1457			
Maxton	Light	Med.	1457	1486			
Little Lime	Grey	Hard	1486	1520			
Big Lime	White	Hard	1520	1714	SIM 1539 = Sand LM 1539		
					4-25-60		
					Installed 7" csg. at 1539' on shoe		
					4-27-60		
					Water broke in at 1560'		
					4-28-60		
					Pulled casing		
					4-30-60		
					Installed 7" csg. at 1559' on shoe		
					SIM 1566 = Sand LM 1566		
					Gas 1658-1668		446 MCF
					Test after 7 Hrs.		281 MCF
Slate	White	Soft	1714	1724	5-7-60		
					Big Lime		175 MCF,
					52 Hrs. after finding gas		
Red Injun	Red	Med.	1724	1746			
Grey Injun	Grey	Med.	1746	1825			
Slate	Grey	Soft	1825	1841			
Lime Shells	Grey	Hard	1841	1845	5-12-60		
					Installed 5 1/2" csg. at 1845' with "Oilwe-		
					Packer		
					Test 79 Hrs.		166 MCF
Lime Shells	Grey	Hard	1845	1855			
Sl & Shls	Grey	Med.	1855	1890			
Sl & Shls	Grey	Soft	1890	2127			
Lime Shells	Grey	Hard	2127	2135			
Sl & Shls	Grey	Soft	2135	2161			
Slate	Grey	Soft	2161	2216			
Sl & Shls	Grey	Med.	2216	2287			
Coffee Shale	Brown	Soft	2287	2295			
Br. Shale	Brown	Soft	2295	2305			
Berea	Dark	Hard	2305	2323	SIM 2323 = Sand LM 2323		
Berea	Grey	Hard	2323	2370			
Slate	White	Soft	2370	2380			
Br. Shale	Brown	Med.	2380	2410			
Sl & Shls	Brown	Med.	2410	2458			
Br. Shale	Brown	Med.	2458	2463			
Sl & Shls	White	Soft	2463	2592			
Sl & Shls	White	Med.	2592	2627			
Sl & Shls	Grey	Soft	2627	2667			
Sl & Shls	White	Soft	2667	2775	SIM 2743 = Sand LM 2742		
Sl & Shls	Grey	Soft	2775	2799			
Br. Shale	Brown	Soft	2799	2829			
Shale	Grey	Soft	2829	2992			
Br. Shale	Brown	Soft	2992	3049	Gas 3049'		300 cu.ft
Shells	Brown	Med.	3049	3060			
Slate	Light	Soft	3060	3084			
Br. Shale	Brown	Soft	3084	3160			
Sl & Shls	Brown	Med.	3160	3193			
Br. Shale	Brown	Soft	3193	3291	SIM 3235 = Sand LM 3241		
Slate	White	Soft	3291	3313	6-8-60		
					Shot well with 3333 1/2# Trojan Powder		
					from 2801 to 3313' (1:45 P.M.)		
					Test Before Shot:		387 cu.ft
					" 15 Min. After Shot:		499 MCF
					" 20 Hrs. " "		73 MCF
					Final Open Flow: Br. Shale		73 MCF
					Big Lime		166 MCF
					6-9-60		239 MCF
					Shut in in 5 1/2" csg. 02/02/2024		

Total Depth 3313  
Total Depth After Shot 3097

Date June 22, 1960

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

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





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrant No. 202/2024

Permit No. Way-981

WELL RECORD

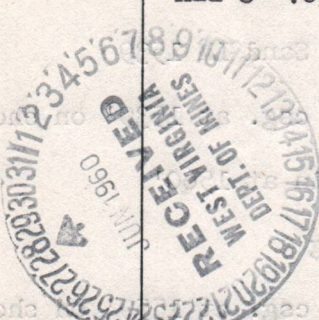
Oil or Gas Well GAS (KIND)

Company	OWENS, LIBREY-OWENS GAS DEPARTMENT
Address	P. O. Box 4168, Charleston 4, W. Va.
Farm	Wilson Coal Land Co. Acres 9937
Location (waters)	
Well No.	74 (Serial No. 930)
Elev.	1046.96
District	Lincoln
County	Wayne
The surface of tract is owned in fee by	
Address	
Mineral rights are owned by	
Address	
Drilling commenced	3-23-60
Drilling completed	6-7-60
Date Shot	6-8-60
From	2801
To	3313
With	3333# Trojan Powder
Open Flow	/10ths Water in Inch
	/10ths Merc. in Inch
Volume	Big Time 166 MCF; Br. Shale 73 M Cu. Ft.
Rock Pressure	450# & 293# lbs. 48 hrs.
Oil	48' Fresh water 1300' Salt water 1300'

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT	375 FEET	60 INCHES	
	FEET	INCHES	
	FEET	INCHES	

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			
13			
10	8 5/8"	416'10"	5 1/2 x 7 x 8
	7"	1540'5"	Depth set 1845
	5-1/2"	1559'9"	Pulled
		1847'	
Liners Used			
2			
Perf. top			
Perf. bottom			
Perf. top			
Perf. bottom			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Grey	Soft	0	6			
Sand	White	Soft	6	23			
Slate	Black	Soft	23	68			
Slate	Grey	Soft	68	90			Water at 48', hole full
Slate	Black	Soft	90	176			
Sand	White	Med.	176	227			
Slate	Black	Soft	227	239			
Sand, Bro.	Black	Soft	239	261			
Sand	Grey	Soft	261	298			
Slate	White	Soft	298	334			
Slate	Black	Soft	334	359			
Slate	Black	Soft	359	375			
Coal	Black	Soft	375	380			
Slate	Blue	Soft	380	404			
Sand	White	Soft	404	411			
Sand	Grey	Med.	411	414			
Slate	Grey	Soft	414	417			
Slate	Blue	Soft	417	430			Installed 8-5/8" casing at 417' on shoe
Slate	Grey	Med.	430	481			
Slate	Grey	Soft	481	506			
Sand	White	Soft	506	541			
Slate	Grey	Soft	541	667			
Sand, Bro.	Grey	Soft	667	678			
S1 & S1s	Grey	Soft	678	762			
Sand	Dark	Med.	762	808			
Sand	Grey	Med.	808	854			
Slate	Black	Soft	854	904			
Slate	Grey	Soft	904	991			
Salt Sand	White	Med.	991	1262			Water at 1060', 2 BPH
Salt Sand	White	Soft	1262	1290			
Sand	White	Soft	1290	1332			
Salt Sand	White	Soft	1332	1342			Water, hole full at 1300'
Slate	Blue	Soft	1342	1367			
S1 & S1s	Dark	Soft	1367	1375			



(Over)

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-981

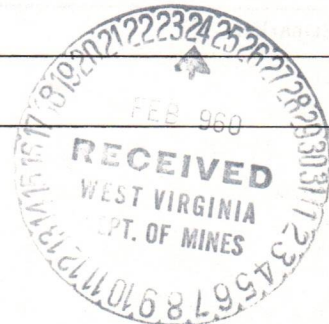
Oil or Gas Well Gas  
(KIND)

Company <u>Owens Libby Owens Gas Dept.</u> Address <u>P.O. Box 4158</u> <u>Charleston, West Va.</u> Farm <u>Wilson Coal &amp; Land Co. Tr.</u> Well No. <u>74-SR-930</u> District <u>Lincoln</u> County <u>Wayne</u> Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
	16			
	13			
	10			Size of _____
	8 1/4			
	6 5/8			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 _____ FEET _____ INCHES			
	_____ FEET	_____ INCHES	_____ FEET	_____ INCHES
	_____ FEET	_____ INCHES	_____ FEET	_____ INCHES

Drillers' Names Albert Miller

James Green

Remarks: Moved equipment in on location and rigging up



1-17-60

DATE

*Jw. Pack*  
DISTRICT WELL INSPECTOR

02/02/2024



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-981

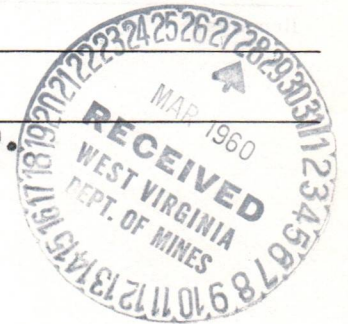
Oil or Gas Well 74-SR-930  
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS	
Company	<u>Owens Libby Owens Gas Dept.</u>					
Address	<u>P.O. Box 4158 Charleston 4, W. Va.</u>	Size				
Farm	<u>Wilson Coal Land Co. Tract</u>	16			Kind of Packer	
Well No.	<u>74-SR-930</u>	13				
District	<u>Lincoln</u> County <u>Wayne</u>	10			Size of	
Drilling commenced	<u>March 21, 1960</u>	8 1/4			Depth set	
Drilling completed	Total depth	6 5/8				
Date shot	Depth of shot	5 3/16			Perf. top	
Initial open flow	/10ths Water in Inch	3			Perf. bottom	
Open flow after tubing	/10ths Merc. in Inch	2			Perf. top	
Volume	Cu. Ft.	Liners Used			Perf. bottom	
Rock pressure	lbs. hrs.					
Oil	bbls., 1st 24 hrs.	CASING CEMENTED	SIZE	No. FT.	Date	
Fresh water	feet					
Salt water	feet	COAL WAS ENCOUNTERED AT	FEET	INCHES		
			FEET	INCHES	FEET	INCHES
			FEET	INCHES	FEET	INCHES

Drillers' Names Albert Miller

Edward Salmons

Remarks: Rigged machine up and started drilling on 3/21/60.  
E. J. Elkins, Drilling Contractor



3/21/60  
DATE

J.W. Pack  
DISTRICT WELL INSPECTOR

02/02/2024



# OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



January 27, 1958

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

Attention: Mrs. Marie Griffith

Gentlemen:

On February 28, 1957, we received a letter from you asking that we check permit numbers to be cancelled for drilling. These numbers are as follows:

LIN-1196

LIN-1245 ✓

KAN-1637

KAN-1638

LOG-528 ✓

WAY-1002

WAY-1001

WAY-981

When we are ready to begin drilling at these locations, we will write you and ask that they are reinstated. As you are now preparing your Annual Report, we thought you might like to have the numbers listed again.

Yours very truly,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

By

*Eleanor Davis*

Eleanor Davis

Land Department Adm.

ED



02/02/2024

OWENS LIBBY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P.O. BOX 444

CHARLESTON 4 WEST VIRGINIA



January 27, 1958

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

Attention: Mrs. Marie Griffith

Dear Madam:

On February 28, 1957, we received a letter from you asking that we check permit numbers to be cancelled for drilling. These numbers are as follows:

- WV-1198
- WV-1212
- WV-1037
- WV-1001
- WV-1002
- WV-1003
- WV-1004
- WV-1005

When we are ready to begin drilling at these locations, we will write you and ask that they be re-instated. As you are now preparing your annual report, we thought you might like to have the numbers listed again.

Yours very truly,

OWENS LIBBY-OWENS GAS DEPARTMENT

*James Owen*  
Assistant  
Land Department



1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-099-0981</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> Name		<u>009283</u> Seller Code	
	<u>P. O. Box 1473</u>			
	<u>Charleston</u> City		<u>WV</u> State	<u>25325</u> Zip Code
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> County		<u>WV</u> State	
(b) For OCS wells:	<u>NA</u> Area Name		<u>NA</u> Block Number	
	Date of Lease: Mo. Day Yr.		<u>NA</u> OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Wilson Coal Land Co.</u>		<u>74-930</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.)	<u>See Addendum "A"</u> <u>Houdaille Industries, Inc.</u> Name			<u>N/Available</u> Buyer Code
(b) Date of the contract:	<u>1 2 2 6 7 3</u> Mo. Day Yr.			
(c) Estimated annual production:	<u>8.9</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: <u>See Addendum "A"</u> (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> Name Title			
Agency Use Only	<u><i>William C. Charlton</i></u> Signature			
Date Received by Juris. Agency	<u>02/28/79</u> Date Application is Completed		<u>(304) 342-8166</u> Phone Number	
Date Received by FERC				

02/02/2024



WELL DETERMINATION REPORT

PARTICIPANTS:

DATE:

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

790228-108-099-0981

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

Qualifies as Section 108, stuffer well  
Robert Dodd

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 85 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 ~~Completed~~ Commenced: 3-23-60  
date Prac: 6-7-60 drilling Deepened
  - (5) Production Depth: 1658-68, 3049,
  - (5) Production Formation: Biglime, Br. shale,
  - (5) ~~Initial Potential:~~ F.o.F.: 239 MCF
  - (5) Static R.P. ~~initially:~~ after Prac: 450 # & 293 #
  - (6) Other Gas Test: \_\_\_\_\_
  - (7) Avg. Daily Gas from Annual Production: 24.91 MCF 9069/364
  - (8) Avg. Daily Gas from 90-day ending w/1-120 days 26.72 MCF 2271/85
  - (8) Line Pressure: 38# PSIG from Daily Report
  - (5) Oil Production:  From Completion Report \_\_\_\_\_
  - (10-17) Does lease inventory indicate enhanced recovery being done? No 02/02/2024
  - (10-17) Is affidavit signed?  Notarized?

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

Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_

Was Determination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_

TS & SN

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

Date 02/28, 1979

Operator's Well No. 74-930

API Well No. 47 - 099 - 0981  
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 1,046.96'

ADDRESS P. O. Box 1473  
Charleston, WV 25325

Watershed Not Available

Dist. Lincoln County Wayne Quad. Naugatuck

GAS PURCHASER \* \_\_\_\_\_

Gas Purchase Contract No. \* \_\_\_\_\_

ADDRESS \_\_\_\_\_

Meter Chart Code R0002

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.

02/02/2024

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, 1979.

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

02/02/2024

  
Notary Public

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

Date February 28, 1979

Operator's Well No. 74-930

API Well No. 47 - 099 - 0981  
State County Permit

Previous File No. NA  
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

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 \_\_\_\_\_  
(Month, day and year)

Meter Chart Code R0002

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 Code Phone Number

(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

\_\_\_\_\_  
Director

Feb 20 1979  
Date received by  
Jurisdictional Agency

By \_\_\_\_\_  
Title \_\_\_\_\_ **02/02/2024**

1V-39-WC

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

ANNUAL REPORT OF MONTHLY PRODUCTION-197A  
GAS VOLUMES IN MFC @ 14.73  
OIL IN BARRELS @ 60 DEGREES  
10, 18  
Industrial Gas Corporation

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

API	FARM	Wilson Coal	74-930	COUNTY	Wayne	AVG. FLOW PRESSURE	38	SHUT-IN PRESSURE	NA	TOTALS
47-099-00981										
GAS MFC	703	759	629	663	596	535	870	652	701	8180
OIL BBL	J-	F-	M-	A-	M-	J-	A-	0-	H-	OIL
DAYS ONLINE	30	34	27	31	32	29	37	30	31	365

1977

GAS MFC	802	670	632	682	877	753	684	768	930	820	759	692	9069
OIL BBL	J-	F-	M-	A-	M-	J-	A-	0-	0-	H-	D-	OIL	
DAYS ONLINE	34	30	27	31	32	29	30	31	35	27	30	28	564

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 47-099-1321; 47-099-0340; 47-099-0341; 47-099-0342; 47-099-0490; 47-099-0516; 47-099-0633; 47-099-0397; 47-099-0210; 47-099-0230; 47-099-0560; 47-099-0753; 47-099-0761; 47-099-0792; 47-099-0793; 47-099-1466; 47-099-1487; 47-099-1488; 47-099-1490; 47-099-1491; 47-099-1495; 47-099-1500; 47-099-1507; 47-099-0049; 47-099-0036; 47-099-0193; 47-099-0312; 47-099-0328; 47-099-0330; 47-099-0347; 47-099-0382; 47-099-0409; 47-099-0434; 47-099-0487; 47-099-0584; 47-099-0819; 47-099-0820; 47-099-0871; 47-099-0853; 47-099-0856; 47-099-0862; 47-099-0961; 47-099-0981; 47-099-1274; 47-099-0790; 47-099-0634; 47-099-0019; 47-099-0001; 47-099-0037; 47-099-0041; 47-099-0021; 47-099-0015; 47-099-0013; 47-099-0053; 47-099-1548; 47-099-1550; 47-099-1551; 47-099-0043; 47-099-0038; 47-099-0050; 47-099-0877; 47-099-0066; 47-099-0247; 47-099-0253; 47-099-0260; 47-099-0854; 47-099-1291; 47-099-0972; 47-099-1486; 47-099-1499; 47-099-1508; 47-099-0561; 47-099-0598; 47-099-0304; 47-099-0798; 47-099-0824; 47-099-0838; 47-099-0641; 47-099-0019; 47-099-0015; 47-099-1471; 47-099-1337.

02/02/2024

RECEIVED

FERC-121

MAR 31 1980

1.0 API well number: (If not available, leave blank. 14 digits.)	47- 099-0981			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA		OIL & GAS DIVISION DEPT. OF MINES 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.)	Tug Fork Corporation Name P. O. Box 3711 Street Charleston WV 25337 City State Zip Code			N/A Seller 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 WV County 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.)	Wilson Coal Land Co. 74-930			
(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.)	Tennessee Gas Pipeline Company Name			018629 Buyer Code
(b) Date of the contract:	081780 Mo. Day Yr.			
(c) Estimated annual production:	8.9 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.)	2.404	-.324	0.0	2.728
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.404	-.324	0.0	2.728
9.0 Person responsible for this application:	Lawrence B. Mentzer Corporate Attorney Name Title			
Agency Use Only	Signature			
Date Received by Juris. Agency	MAR 3 1980			
MAR 21 1980				
Date Received by FERC	Date Application is Completed			
	(304) 342-8166 Phone Number			

FT7900806/2-2

02/02/2024

PARTICIPANTS:

DATE: AUG 14 1980

BUYER-SELLER CODE

WELL OPERATOR: Tug Fork Corp.

NA

FIRST PURCHASER: Tennessee Gas Pipeline Co.

018629

OTHER: \_\_\_\_\_

U.S. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER

800331-107-099-0981

Use Above File Number on all Communications  
 Relating To Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- 1. FERC-121  Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent Lawrence B. Mentzer
- 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 No Prod years
- 8. IV-40 90 day Production \_\_\_\_\_ Days off lines \_\_\_\_\_
- 9. IV-48 Application for certification. Complete?
- 10. IV Form #31 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Completed?  \_\_\_\_\_
- 11. Others: Survey \_\_\_\_\_ Maps \_\_\_\_\_ Geological Charts \_\_\_\_\_  
 Structure Map \_\_\_\_\_ 1:25000 Map \_\_\_\_\_ Well Testations \_\_\_\_\_  
 Gas Analyses \_\_\_\_\_
- 12. Date commenced: 3/23/60 Date completed 6/8/60 Reopened \_\_\_\_\_
- 13. Production Depth: 2992/3049; 3291/3313; 2667/2775; 2305/23
- 14. Production Formation: Br. Slate; slate; sl. + shls.; Bevea
- 15. Final Open Flow: 239 mcf/d
- 16. After Free. P.P. 450 #
- 17. Other Gas Tests: \_\_\_\_\_
- 18. Avg. Daily Gas from Annual Production: No Prod
- 19. Avg. Daily Gas from 90-day ending w/1 - 120 Days " "
- 20. Line Pressure: None 1510 from Daily Report 02/02/2024
- 21. Oil Production: No From Completion Report \_\_\_\_\_
- 22. Does lease inventory indicate enhanced recovery being done No
- 23. Is affidavit signed  \_\_\_\_\_

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

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

Date MRD 3 1980 19  
Operator's Well No. 74-930  
API Well No. 47 - 099 - 0981  
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL  
NGPA Section 107

DESIGNATED AGENT Lawrence B. Mentzer

ADDRESS P. O. Box 3711  
Charleston, W.Va. 25337

LOCATION: Elevation 1046.96

Watershed N/A

Dist. Lincoln County Wayne Quad. Naugatuck

WELL OPERATOR Tug Fork Corporation

ADDRESS P. O. Box 3711

Charleston, W. Va. 25337

GAS PURCHASER Tennessee Gas Pipeline Company

Gas Purchase Contract No. TF-1

ADDRESS P. O. Box 2511

Houston, Texas 77001

Meter Chart Code R0002

Date of Contract 08/17/80

\* \* \* \* \*

AFFIDAVIT

I, James O. Sayre, having been first sworn according to law, state that, the well is producing natural gas produced from the fractures, micropores and bedding planes of shales deposited during the Paleozoic Devonian Period as generally found in the subsurface of the Appalachian Basin and in the surface out crops around its periphery. For the purposes of this statement, Devonian shale is defined as that shale stratigraphic interval that lies between the base of the Mississippian Berea Sand or, if absent, that of the Osage Series, and the top of the Onondaga limestone formation or its chert equivalent, the top of the Huntersville group of carbonates. I have no knowledge of any information not included in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

James O. Sayre  
Geologist

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 James O. Sayre, whose name is signed to the writing above, bearing date the 3rd day of March, 19 80, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3rd day of March, 19 80

My term of office expires on the 5th day of December, 19 85.

Charlotte I. Mathews  
Notary Public

[NOTARIAL SEAL]

02/02/2024

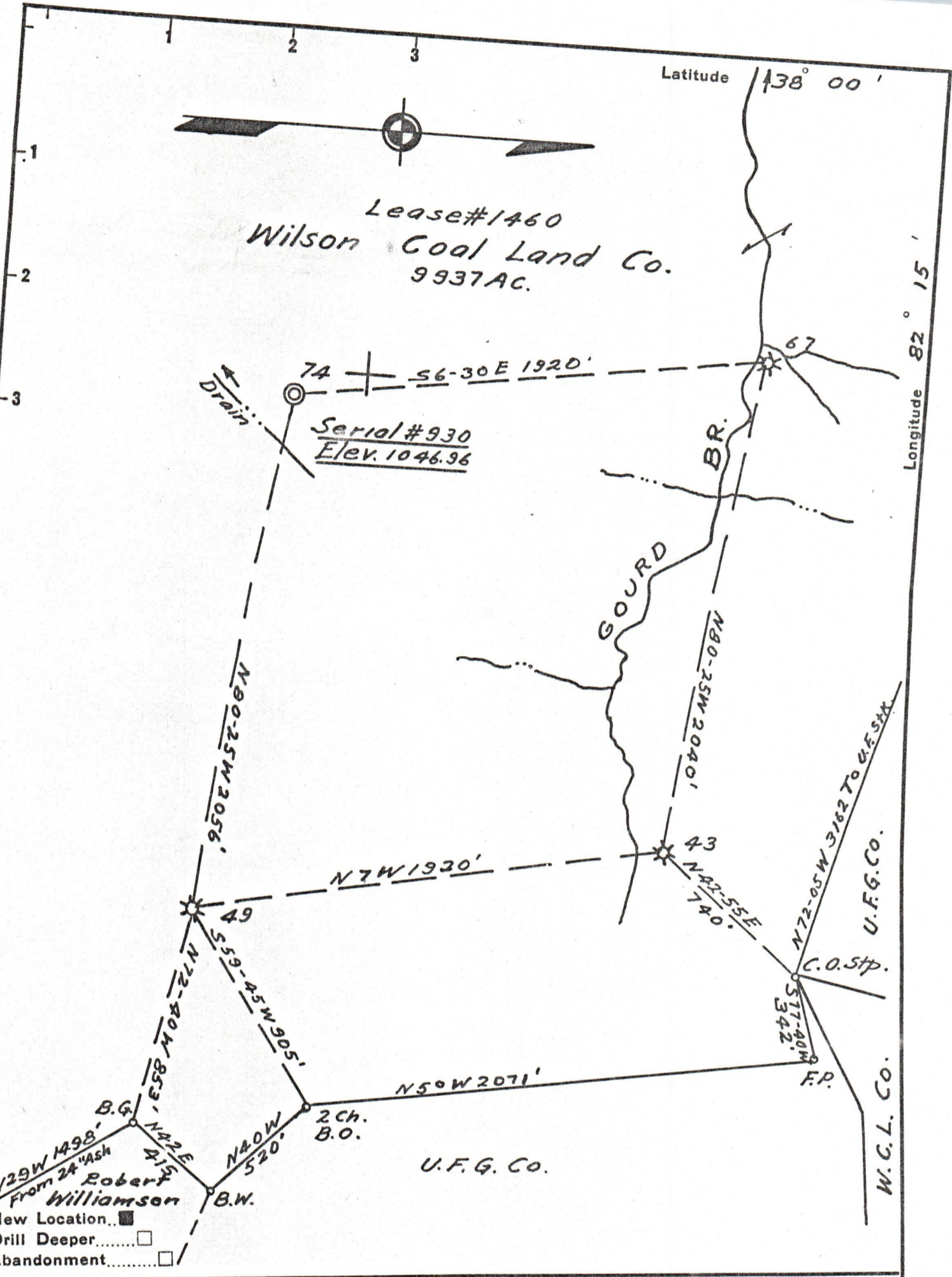


ELECTRIC LOGS

With reference to this well, please note that, at the time of the drilling hereof, neither electric logs nor the technology for logging were available. In lieu of actual electric logs on this well, we hereby refer to the gamma ray log and temperature log of the Caldwell & Colton Min. #20,289-T, Permit No. Wayne 1581. Our geologist(s) submit that these logs are representative of the area and shows the same or similar formations and structures as encountered in the well herein filed for.

Please refer to 107 Tug Fork well certification filing on Well No. 3-521, API No. 47-099-0019 for a copy of the said gamma ray and temperature logs applicable herein.

02/02/2024



Company Owens, Libbey-Owens Gas Dept.  
 Address Box 4158 Charleston 4 W. Va.  
 Farm Wilson Coal Land Co.  
 Tract \_\_\_\_\_ Acres 9937 Lease No. 1460  
 Well (Farm) No. 74 Serial No. 930  
 Elevation (Spirit Level) 1046.96  
 Quadrangle Naugatuck 152.72 "W450"  
 County Wayne District Lincoln  
 Engineer T.S. Flournoy  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date April 14, 1955 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. WAY-981

02/02/2024

+ 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.