



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

December 17, 1936 , made by Owens-Illinois Glass Co. & Libbey-Owens-F	August 10, 19 55 PROPOSED LOCATION Lincoln District Wayne County Well No.74 (Serial No. 930) Wilson Coal Land Company Farm Ill upon the above named farm or tract of land for the company R. Rummell Anderson & Thomas B. Jackson - Special Commissioners ord Glass Co., and recorded on the 23d day
Conservation Commission Charleston 5, W. Va. ADDRESS COAL OPERATOR OR COAL OWNER ADDRESS OWNER OF MINERAL RIGHTS ADDRESS GENTLEMEN: The undersigned well operator is entitled to drive oil and gas, having fee title thereto, (xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	P. O. Box 4158, Charleston 4, W. Va. COMPLETE ADDRESS August 10, 19 55 PROPOSED LOCATION Lincoln District Wayne County 38.00' Well No.74 (Serial No. 930) 82'/5' Wilson Coal Land Company Farm Ill upon the above named farm or tract of land for the serial and the ser
Charleston 5, W. Va. ADDRESS COAL OPERATOR OR COAL OWNER ADDRESS OWNER OF MINERAL RIGHTS ADDRESS GENTLEMEN: The undersigned well operator is entitled to drive oil and gas, having fee title thereto, (xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	August 10, 19 55 PROPOSED LOCATION Lincoln District Wayne County 38.00' Well No.74 (Serial No. 930) Wilson Coal Land Company Farm Ill upon the above named farm or tract of land for my bes under synthety least dated R. Rummell Anderson & Thomas B. Jackson - Special Commissioners ord Glass Co., and recorded on the 23d day
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Gentlemen: The undersigned well operator is entitled to dri oil and gas, having fee title thereto, (xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	Well No.74 (Serial No. 930) Wilson Coal Land Company Farm Wilson Coal Land Company Farm Farm Wilson Coal Land Company Farm Farm Farm Ander State Coal Thomas B. Jackson - Special Commissioners Ord Glass Co., and recorded on the 23d day
GENTLEMEN: The undersigned well operator is entitled to dri oil and gas, having fee title thereto, (xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	Well No.74 (Serial No. 930) Wilson Coal Land Company Farm Wilson Coal Land Company Farm Far
The undersigned well operator is entitled to drive oil and gas, having fee title thereto, (xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	Wilson Coal Land Company Farm Ill upon the above named farm or tract of land for May be under grant of least dated R. Rummell Anderson & Thomas B. Jackson - Special Commissioners ord Glass Co., and recorded on the 23d day
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December 17, 1936 , made by Owens-Illinois Glass Co. & Libbey-Owens-F	R. Rummell Anderson & Thomas B. Jackson - Special Commissioners , to ord Glass Co., and recorded on the 23d day
oil and gas, having fee title thereto, (xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	R. Rummell Anderson & Thomas B. Jackson - Special Commissioners , to ord Glass Co., and recorded on the 23d day
Owens-Illinois Glass Co. & Libbey-Owens-F	ord Glass Co, and recorded on the 23d day
Owens-Illinois Glass Co. & Libbey-Owens-F	ord Glass Co., and recorded on the 23d day
of December, 1936	, and recorded on the 23u day
Book 188 , page L-33	the office of the County Clerk for said County in
and County above named, determined by survey and colland marks. The undersigned well operator is informed and both of coal beneath said farm or tract of land on which said	elieves there are no coal operators operating beds
coal operators or coal owners (if any) above named as	addressees.
desire to make to such proposed location, or which they the drilling of a well at said proposed location will cause coal mines, must be received by, or filed with the Departm a copy of this notice and accompanying plat by said Department forms for use in making such objections will be further forms and that all such objections must set forth as grounds on which such objections are based and indicate the moved to overcome same.	a dangerous condition in or about their respective nent of Mines within ten* days from the receipt of partment. Said coal operators are further notified rnished to them by the Department of Mines promptly
(The next paragraph is to be completed only in	Department's copy.)
Copies of this notice and the enclosed plat were m	ailed by registered mail, or delivered to the above
named coal operators or coal owners at their above sho or on the same day with the mailing or delivery of th West Virginia.	wn respective addressdaybefore, is copy to the Department of Mines at Charleston,
Very tru	ly yours,
240	OWENS, LIBBEY-OWENS GAS DEPARTMENT
3/4/5/10/7/8/03	P. O. Box 4158
AUG1955 Address of	Charleston 4,
RECEIVED Well Operator	CITY OR TOWN 02/02/202

*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



STATE, OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

		Charleston, W. Va.
Owens, Libbey-Gwens Gas Department		State of West Virginia
NAME OF WELL OPERATOR		COAL SPERMICH OF COAL OF
P. O. Box MIS8, Guarleston M. W. Va.		Conservation Commission Charleston 5, W. Va.
CERROON BOX IN NOO		es7RQDA
August 10, 19 55		
PROPOSED LOCATION	8299	COAL GERALOR OR COAL OW
Lincoln		
District		SE SESSOON
Wayne		
100 486		DYNAR OF MIRROAL BIRG
Well No. 74 (Serial No. 930) 22° / 3'		
Wilson Coal Land Company Parm		
HHE T.		Genterment
dill upon the above named farm or tract of land for		
WAS ARREST TO THE STATE OF THE		
H. Hummell Anderson & Thomas D.		December 17, 1936
Ford Class Co. and recorded on the 23d day	k Libbey-Owens	Gwens-Illinois Glass Co. 8
in the office of the County Clerk for said County in		of December, 1936
in the other of the Cohen's Clerk 101 gaild County in		Book 188 page 1-33
t engineer and shows the proposed location of a well operator on the farm and in the Magisterial District courses and distances from two permanent points, or believes there are no coal operators operating beds		
eard well is it called, or within 500 feet of the bound- and filed their maps as required by law, excepting the as addresses.		aries of the same who have many
(if any) are notified that any objections they may be are required to make by Section 3 of said Code, if the a dangerous condition in or about their respective through of Mines within ten days from the receipt of Department. Said coal operators are further notified a furnished to them by the Department of Mines promptly furnished to them by the Department of Mines promptly as as definitely as is reasonably possible the ground or the direction and distance the proposed location should	red location will early the Dena ying plat by said objections will be seen.	the drilling of a well at said propo- coal mines, must be received by, or a copy of this notice and accompan- that forms for use in making such on request and that all such objects
un Department's capy.)	be completed only	(The next paragraph is to
e mailed by registered ment, or delivered to the above		
shown respective address day layorx this copy to the Department of Mines at Charleston.		
OWENS, LIBBEY-OWENS CAS DEPARTMENT		
		ANTO BOLL
P. O. Box 4158		TO THE STATE OF TH
gaangere		A TRAINING
Charleston b,		and the same we are true and
AMOL NO EMP		02/02/2024
West Virginia		Athlically Team OZ/OZ/ZOZ
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"Section 3000. If we spen objections be filed of be found by the department of mines, within said period of one days from the velocity is said notice and piles by the department of mines to said processed location, the department shall forthwith issue to the well operators a drilling permit fection in alliant of shall pink, that no objections have been and by the cost operators to the fection, or found that the department, and that the same is upproved and the well-operator sutnorized to proceed to grill at said location.

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

T. S. Flournoy, Chief Engineer

TSF/ed Enclosures



OWENS LIBBEY OWENS GAS DEPARPMENT

S793 MACCORKLM AVENUE

CHARLESTON & WEST VIRGINIA

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W. Vs. Department of Annes Oil a Gas Division Charleston, West Virginia

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We are substitute an application I'm a permit to drill well ho. We on wilson Coal Land Company brack situated in Macola District, Wayne Lounty, Nert Virginia.

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

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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

T. S. Flournoy, Chief Engineer

TSF/ed



OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKUE AVERUE

CHARLESTON & WEST VIRGINIA



December 30, 1959

W. Vi. Doys. of Mines Oil & Cas Mivision 2002 Quairie: St. Charleston, W. Va.

Gental Sment

We are preparing to drill Well No. 74-18-930 on our Wilson Soal Lond Company treat and Will appreciate if you will reinstate permit Way-951 which was oniginally issued to so on Aurist 20, 1955. We thank you for this coperation.

Yours very brulyy

OVENS, LIBILIY-ONENS CAS DEPARTMENT

E. S. Flour of Contest site of

Se Tat

AN

January 5, 1960

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

> Att: Mr. T. S. Flourney Chief Engineer

Dear Sirs:

We have reinstated Permit WAY-981 for drilling Well No. 7h-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 amlin, West Virginia

Maxton Lime, Shells	Color	Hard or Soft	Top / /	Bottom	Oil, Gas or Water	Depth Found	Remarks
CONTRACTOR SERVICE CONTRACTOR CON	Grey	Hard	1375	1400			
THE RESERVE THE PARTY OF THE PA		Hard	1400	1434			
Red Rock	Red	Soft	1434	1445	water, hole	THIN ME ISO	
Maxton	Grey	Hard	1445	1457	water, hole	P.417 84 720	J1
Maxton	Light	Med.	1457	1486			
Little Lime	Grey	Hard	1486		Weter at 16	POL 5 BEH	
				1520	GTW 3500	0 . 7 . 7 . 7 . 7 . 7	
Big Lime	White	Hard	1520	1714	SLM 1539 =	Sand IM 153	9
Slate	black	Soft	854	80¢	4-25-60		
Sand	Grey	Med.	808	854		csg. at 153	9' on shoe
Sand	Dark	tieg!	JP5	808	4-27-60		
Sl & bla	Grey	Soft	678	, 162		in at 1560'	
Sand, Ero.	Groy	5025	290	678	4-28-60	107-9-0 07	85
Slate	Grey	Corp	541	667	Pulled casi	ng	
Sand	, white	Sort	300.	51.1	4-30-60		LCS)
Slate	Crea	9,203	187	200	Installed 7	" csg. at 155	9' on shoe
Slate	. Exch	lied.	#30	Tet	SIM 1566 =		
Slate	Blue	Sort	TI	#30	Gas 1658-1		446 MCF
		2 7 7 7 7	11-21-	1,00		7 Hrs.	281 MCF
Slate	White	Soft	1714	1724	5-7-60	E. Coll. Coll.	and the second
	exel.	vica.			Big Lime		175 MCF,
Sand			TEN.	打井		er finding ga	
Red Injun	Red	Med.	1724	1746) IIIs. art	er ringing &	· D
Grey Injun	Grey	Med.	1746	1825			
				1841		1. The state of th	
Slate	Grey	Soft	1825		F 30 (0		
Lime Shells	Grey	Hard	1841	1845	5-12-60		
Slate /	White	Sort	298	33#		章" csg. at 18	45' with "Oilwe
Schd	Crey	Soft	201	52.9	Packer		
Sand, Dro.	FINGK	2010	539	501	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	State of Lag		
Sl & Shls	Grey	Soft	2135	2161	Water at 46	, hole full	
Slate	Grey	Soft	2161	2216	A 100 TO 100		
Sl & Shls	Grey	Med.	2216	2287			
Coffee Shale		Soft	2287	2295			Property of the same of the sa
Br. Shale	Brown	Soft	2295	2305	at the ben	Found	trought wa
Berea	Dark	Hard	2305	2323	STM 2323 -	Sand IM 232	
Berea 130	Grey	Hard	2323	2370	DIA: CJCJ -	Domice 121 /230	
Slate	White	Soft	0270	2380			F HNGHES
Br. Shale		Med.	2380	2410	THAT SHALL	Re	F. STHOMES
THE RESERVE OF THE PARTY OF THE	Brown		2410	2458	THE CHARLES THE PROPERTY.		
Sl & Shls	Brown	Med.			and the state of the state of the	375 FEE	F 60 FINCHES
Br. Shale	Brown	Med.	2458	2463			
Sl & Shls	White	Soft	2463	2592		3.5	
Sl & Shls	White	Med.	2592	2627	MENTED 1 8	15 to 142 t	
Sl & Shls	Grey	Soft	2627	2667			The state of the s
Sl & Shls	White	Soft	2667	2775	SIM 2743 =	Sand IM 27	12
Sl & Shls	Grey	Soft	2775	2799			
Br. Shale	Brown	Soft	2799	2829		D**	
Shale	Grey	Soft	2829	2992	1	176	
Br. Shale	Brown	Soft	2992	3049	Gas 3049'	TOUX.	300 cu.ft
Shells	Brown	Med.	3049	3060		0119	
	Light	Soft	3060	3084	155919".	FEEC 10	
Br. Shale	Brown	Soft	3084	3160	1540'5"	Pulled 0e	
Sl & Shls	Brown	Med.	3160	3193	1,16,10"	M16110"1 5	xiz a
OTTION OF THE		Soft	3193	3291		Sand LM 32	
Rn Shelo	Brown	A STATE OF THE SECOND STAT			6-8-60	Danu IN JE	cecu Hote
The state of the s	White	Soft	3291	3313		1+h 22221# m	oo ion Borden
Slate	enial To.	930)	John Por	th 2272	SHOT WELL W.	ith 3333 # T	LOJAH POWGER
Slate Park			Total Dep	m 3313		6 3313' (1:	
Slate - ()			1010E 3000		Test Before		387 cu.ft
Slate P. D. C.	ou cour	rang co.					
Slate T. W. (186	on Coal		pth After Sh	ot 3097		After Shot:	499 MCF
Slate T. W. (186	o. Box 41	Total De	pth After Sh	ot 3097	" 20 Hrs.		499 MCF 73 MCF
Slate T. S. C.		56. Charlent	pth After Sh	ot 3097	" 20 Hrs.	11 14 6 11	73 MCF
erm Will contion (water). Box 41	56. Charlent	n 4. ₩. Va.	ot 3097	" 20 Hrs.	" " Flow: Br. St	73 MCF
Slate T. S. C.	is, libba	56. Charlent	n 4. ₩. Va.	ot 3097	" 20 Hrs.	11 14 6 11	73 MCF

Date June 22 , 19 60

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

A. H. Smith, Mgr. & Geol.



DEPARTMENT OF MINES STATE OF WEST VIRGINIA

OIL AND GAS DIVISION / Y

METT BECORD TO THE STATE AND THE ALL.

Oil or Gas Well

A. H. Smith, ... Colestand, Engrg. & Geol.

GVZ

Permit No. Way-981

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	TITE 7 6 00	DT 00 T000H		T595	JJ08		
	Hgg S 103	Water at 10	1562	T66	Med.	White	base ties
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45' with "O	" cog. at 1	Rostelled 5	788	862	1Jos	White	Tate
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166 18		Test 79 Hrs.					ord , bas
11 002		. man (1, each	SQT	539	JJOS	BISCK	
			539	7SS -	JJOS	Black	Jate Joy
			TSS	9LT	Med:	White	all pure
		Y	9LT	06	tlos	BJack	Slate
			06	00	tjos	Grey	31ate
			00	07			
	TINI PTOU (Water at 40		23.23			Slate of
	, poje full	Water at 48	89	23 23	Jos	ВТЯСК	
•	l, hole full	84 ts reteW		22.59			base
Кетатка	Found	TeleW To	53		tios tios tios tios	White	base
Remarks	Depth Found	Oil, Gas	Bottom 6 23 68	qoT2	Soft Soft Jios Jios Jios Jios	Golor Grey Grey	Tormation Tormation Tormation Tormation
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T INCH	Found Pepth FEE FEE	OII, Gas OI Water	РЕЕТ Востоп	Inch T3 M Cu. Ft. Ars. hrs. bbls., lst 24 hrs. feet feet Top	Soft Sold or S	/10ths Merc. in time 166 MCF 600. Color Color Color Mhite	lume Big L. ck Pressure 45 esh water 48 lt water 136 lt water 26 l
T INCH T INCH	TA 375 FEE BS FEE Found Found	OII, Gas OI Water	FEET BOLLOM 6 6 83 68 68 68 68 68 68 68 68 68 68 68 68 68	T3 M Cu. Ft. hrs. bbls., lst 24 hrs. cet feet feet feet or or or or or or or or or o	Soft Sold or S	ine 166 MCF 60# & 293# Crey White Grey White	lume Big L. ck Pressure 45 esh water 48 lt water 136 ft water 26 lt water 26 l
T INCH. T CO INCH.	IZE No. H BS FEE BS FEE Bound Found	OII, Gas OI Water	FEET BOLLOM 6 6 83 68 68 68 68 68 68 68 68 68 68 68 68 68	Inch T3 M Cu. Ft. Ars. hrs. bbls., lst 24 hrs. feet feet Top	Br. Shale lbs. the Shale feet feet Soft Soft Soft Soft Soft	Vioths Water in Vioths Merc. in the 166 MCF in the 166 MCF in the 160 McF in the Mhite Mhite Black	en Flow ck Pressure 45 esh water 48 t water 13 t water 13 Tournation
T INCH T GO INCH T Remarks	IZE No. H AT 375 FEE ES FEE Found Found	OII, Gas OI Water	Pottom COVI MVS EN COVI MVS EN COVI MVS EN	Inch Inch Inch Inch Inch Inch Inch Inch	wder shale shall s	# Trojan Po /loths Water in /loths Merc. in ine 166 MCF collabor Color	th 3333½ on Flow lume Big L. sch Pressure 45 sch water 48 f water 13 f water 23 f water
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DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-981			Oil or	Gas Well Ga	ıs
Company Owens Libby Owens Gas Dept.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
P.O. Box 4158 Address Charleston, West Va.	Size			I I I I air	
Farm Wilson Coal & Land Co. Tr.	16	A	* golden u	Kind of Pac	ker
Well No. 74-SR-930	13			Size of	
District Lincoln County Wayne	81/4			98.797.75.89	Magazine and the second
Drilling commenced	65% 5 3/16			_ Depth set	
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shot	2			Perf. botton	n
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. botton	n
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Dat
Rock pressurelbshrs.	-			A glassic and the second secon	The result of States and States a
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHE
Fresh waterfeetfeet	FEET_	INCH	HES	_FEET	INCHE
Salt waterfeetfeet	FEET_	INCH	HES	_FEET	INCHE
Drillers' Names Albert Miller				27223242	530
James Green			000	FEB OF	778
Remarks: Moved equipment in on loc	cation and	rigging	up	WEST VIRGIN PT. OF MINE	D A ST

1-17-60

DATE

DISTRICT WELL INSPECTOR 02/02/2024

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

ermit No				Wel	I No		
COMPANY			ADDRESS				
	ALTER MIST	DISTRICT	Please Act to the Control of the Con	COUNTY			
				\$2.LL xx	8 .0.		
illing Material Used			•	Jast. (Hed)			
Liner Location Amount Packer Location Location					mosti.		
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TUI	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	RECOVERED SIZE		
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	_3378	190000000000000000000000000000000000000	SATE OF TROOP			470	
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			1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		75		
orillers' Names					2		
Timers Traines							
emarks:			Mer				
			ncicani no ni em				
DATE	I hereby certify I	visited the ab	ove well on this date.				

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit	No.	WAY-981	
Permit	No.	MUT	

Oil or Gas Well 74-SR-930

Owens Libby Owens Gas Dept.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
P.O. Box 4158 Charleston 4, W. Va. Wilson Coal Land Co. Tract	Size			Kind of Pacl	
Farm	13	e Canada	i moligoa	Size of	vani i
District Lincoln County Wayne	81/4		600W	Pasienoue r	OHEN.
Drilling commenced March 21, 1960	65% 5 3/16			Depth set	
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shotInitial open flow/10ths Water inInch	Liners Used			Perf. bottom Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbshrs.					
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
Fresh waterfeetfeet		INCE	IES	FEET	_INCHES
Salt water feet feet	FEET_	INCH	IES	FEET	_INCHES

Albert Miller

Drillers' Names_

Edward Salmons

Remarks:

Rigged machine up and started drilling on 3/21/60.

E. J. Elkins, Drilling Contractor

3/21/60

DATE

Jw. Pack

15T02702720240R

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				Wel	I No			
COMPANY	NU.		ADDRESS	.1.0	C 19 T TAM	_gri tirque		
FARM	MITTELL LEGIC	DISTRICT	PRICES JAMES COMPLETE	COUNTY	0113-0			
Altin				30x W158	.0.4	gmgmb		
Filling Material Used			• V •	eston 4,	Lanio	Harring		
Liner Location Amount			Packer OJ DI	Location	osliv			
	iner Location Amount							
PLUGS USED A	ND DEPTH PLACED		BRIDGES	RECOVERED	CASING AND TUBING RECOVERED SIZE LOST			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	09011	2001		
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	asis	143964273	DESERT OF THE STATE			and the same of th		
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	2600000							
Drillers' Names								
Remarks:			rell	in Justin				
Remarks.								
	on 3/21/00.	pullita	ne up and started d	ged machin	Rig			
		120	, Urilling Comer et	aniala .U	9			
	I hought contider 1	wigited the el	hove well on this date					
DATE	. I nereby certify I	visited the a	bove well on this date.					
					00			

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:

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

Eleanor Davis
Land Department Adm.

FD



OWENS, LIBBEY-OWENS GAS DEPARTMENT

CHARLESTON 4. WEST VIRGINIA



W. Va. Debarbague of Hands

Attention: Wes. Marie Gradith

On February 28, 1957, we received a letter from you drilling. These authors are as inlaws:

> LIN-12US FE & DATE OF

* 889-Dai SOCI-FAR Par-YAW

will wrig, you and sek thet they are to astated. As you are now proparing your Arnual Hours, we thought you stant like to have the numbers limited arean.



FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-099-0981	
2.0 Type of determination being sought:	108 NA Section of NGPA Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	NA feet	· .
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Industrial Gas Corporation Name P. 0. Box 1473 Street Charleston WV 25325 City State Zip Code	009283 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 Wounty WV	
(b) For OCS wells:	NA Area Name Date of Lease: NA 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.)	See Addendum "A" Houdaille Industries, Inc.	N/Available
(b) Date of the contract:	1 2 2 6 7 3 Mo. Day Yr.	
(c) Estimated annual production:	8.9MMcf.	
	(a) Base Price (b) Tax (c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: See Addendum "A" (As of filing date. Complete to 3 decimal places.)	1 2 8 3 0 0 5 1 0 0 0 3	1 3 3 6
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.243 0.302 0.0	2.545
9.0 Person responsible for this application: Agenć Use Only Date Received by Juris. Agency Date Received by FERC	William C. Charlton Division Name Selicum & Charlton Signature 02/28/79 Date Application is Completed (304) 342-8166 Phone Number	Counsel_

PARTICI	PANTS: DATE:	BUYER-SELLER CO
WELL	OPERATOR: Industrial Gas Corporation	009283
FIRST	PURCHASER: Houdaille Industries, Inc.	
OTHER	R:	
	Department of Minos, Oil & Gas Division Quaefies as Section 108, p	tugger usel
	28-108-099-0981	Gobert Dodd
1	ove File Number on all Communications	
1	ing to Determination of this Well	
	CHECK DACK TERM AC COLOR	
TERM NO	CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
ITEM NO.		
	-1 - Agent William C. Charleton	
	-2 - Well Permit √	
	-6 - Well Plat	
	-35- Well Record ✓ Drilling ✓ Deepening	
	-36- Gas-Oil Test: Gas Only Was Oil Produced? Rat	io
	-39- Annual Production > years	
8 IV-	-40- 90 day Production 85 Days off Line:	
9 IV-	-48- Application for Certification. Complete?	Affidavit
10 - 17	IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete	Signed
18 - 28	Other: SurveyLogsGeological ChartsStruc	ture Map
	1:4000 Map Well Tabulations Gas Analys	es
(5)	1:4000 Map Well Tabulations Gas Analys Commenced: 3->3-60 Date Completed: 6-7-60 dilling Deepened	
(5)	Production Depth: 1658-68, 3049	
(5)	Production Formation: Bigline Br. shale	
(5)	Initial Potential: 239 MCF	
(5)	Static R.P. initially: 450 = 293	
(6)	Other Gas Test:	9000
(7)	Avg. Daily Gas from Annual Production: 24,91 MCF	9069/
(8)	Avg. Daily Gas from 90-day ending w/1-120 days 26,72 M	(F 2271/85
(8)	Line Pressure: 38# PSIG	from Daily Repor
(5)	Oil Production:From Completion Report	02/02/2024
(10-17)	Does lease inventory indicate enhanced recovery being done:	NO
(10-17)	is affidavit signed? Notarized?	
Does off:	al well record with the Department confirm the submitted info	ormation? Ves
Additions	Does computer program confirm?	
Was Deter	ination Objected to? By Whom?	

FORM	IV-	56WC
[12-		

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

Date	02/28		1979
Operator's Well No.	74-930		
API Well	. 099	-	0981
State	County		Permit

WELL CLASSIFICATION FORM

STRIPFER 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	Watershed Not Available
Charleston, WV 25325	Dist.Lincoln County Wayne Quad. Naugatuck
GAS PURCHASER *	Gas Purchase Contract No.*
ADDRESS	Meter Chart Code R0002
ADDICESS.	Date of Contract *
	*See FERC-121 - Addendum "A"
	*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.

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

Describe the search made of any records listed above:

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

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No_X . If yes, indicate the type and source of the information.

AFFIDAVIT

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

Z-27

STATE OF WEST VIRGINIA.

COUNTY OF Kanawha . TO WIT:

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

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

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

02/02/2024

Notary Public

[NOTARIAL SEAL]

FORM IV-48WC	STATE OF WES	T VIRGINIA	Date February 28 , 1979
[12-73]	DEPARTMENT OF MINES, O	OIL AND GAS DIVISION	Cperator's Well No. 74-930
	STATE APPLICATION FOR	WELL CLASSIFICATION	API Well No. 47 - 099 - 0981 State County Previous File No. NA (If Applicable)
	,		
WELL OPERATOR Industrial	Gas Corporation	DESIGNATED AGENT Wil	liam C. Charlton
ADDRESS P. O. Box 1473		ADDRESS P. O. BO	
Charleston, W.			on, W. Va. 25325
Gas Purchase Contract No. *	and	Oate (Month, day and ye	ar)
Meter Chart Code R0002			
Name of First Purchaser *			
-	(Street or	P. O. Box)	
		ace) (Zi	p Code)
FERC Seller Code 009283		FERC Buyer Code	
TYPE OF DETERMINATION BEING		1.00	
	ion (See FERC Form 121.)		Caregory Code
	seasonally affected we		
(*See FERC-121 Addendu		Hang (Print)	Division Counsel
		Signature P. O. Box 1473	
	į.	Street or P. O. Box	
		Charleston, W. Va	
		(304 342-8166 Area Phone Number	
(a		Code	
(Certificate of Proof of Se	rvice to Purchaser)		
See Separate Certif	icate Attached		
•			
(All of the above to be com	alared by the Occurrence		
(All of the above to be com	pieted by the Operator/A	Applicant)	
(To be completed by Jurisdian purchaser, if known).	ctional Agency. Execute	ed copy to be returned t	o Operator/Applicant and
well as meeting the requirement (NGPA): \[\]\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ments of Section ation that increased pro	under the Natu	fication of the above described ral Gas Policy Act of 1978. f enhanced recovery technology cted well under Section 108 of (NGPA)
All interested parthe office of the Oil and Gabe heard, there will be a pub	rties are hereby notifie as Division in Charlesto blic hearing, if request	d that on the day on, West Virginia, or as ed, or if objection is	of, 19, at soon thereafter as it may filed.
This Application	is assigned File No.	*	
entitled to certification as	information submitted i s claimed under the Natu will be made at the tim	ral Gas Policy Act (NGP	. I is not A). A review of this evidence c hearing or as soon thereafter
Unless objections days, a hearing will not be go to determination.	are timely filed or a r held except on ex parte	equest for a hearing is motion of the departmen	made within fifteen (15) nt and the matter will

Date received by Jurisdictional Agency

Dir	rector
Ву	
Title	02/02/2024

WEST VIRGINIA DEPARTMENT OF MINES

76 00002 2/28/79 2/28/79	TOTALS	8180	Openational Squadboard	365		TOTALS	6906	b-quipting a may to print with	564
CURRENT DATE -	NA	701 048	010	29		A	692 0AS	010	28
REPORT	ESSURE	761	14 m	31	Ç.	RESSURE N	759	Name and Associated a	30
	SHUT-IH PRESSURE	619	0 - 0	28		SHUT-IN PRESSURE	820	0	27
CTIOH-197A 4,73 GREES on 18	Dispose	652	-5	30		36	930	5-	35
HEC 2 14.7 2 60 DEGRE orporation	RESSURE 38	870	λ-	37		PRESSURE	768	Α-	31
()	AVO. FLOW PRESSURE	535	-5	27		AVG. FLOW P	684	J-	30
ANHUAL REPORT OF MONTH GAS VOLUMES IN OIL IN DARRELL' TOR ' Industrial Gas (296	-	29		VV	753	- 7	29
ATHIUAL OPERATOR 1	COUNTY: Wayne	663	F .	32			877	A-	32
<i>y</i> 0		692	Y-	31			682	γ-	31
	Wilson Coal 74-930	629	E	27			632	- E	27
niA D GAS	Wilson	759	-	34			670	-	30
EST VINGINIA - MINES - OIL AND GAS	47-099-00981 FARM 1	703	-	E 30			802	-	E 34
51415 OF WEST VINGIRIA 5504317541 - MILES 51VISION - 010 AHD G	47-099	GAS MFC	016 386	DAYS ONLINE			CAS MFC	OIL BBL	DAYS OHLINE

1977

1978

1V-39-WC

SUMMARIZATION SCHEDULE

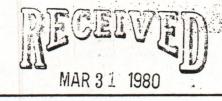
Section 271. 804 (b)

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;	API NUMBERS 47-099-1321; 47-099-0340; 47-099-0341; 47-099-0342; 47-099-0490; 47-099-0516; 47-099-0633;	47-099-0342;	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;	47-099-1466; 47-099-1487; 47-099-1488; 47-099-1490; 47-099-1491; 47-099-1495; 47-099-1500; 47-099-1507;	47-099-1491;	47-099-1495;	47-099-1500;	47-099-1507;
47-099-0049;	47-099-0036;	47-099-0193;	47-099-0049; 47-099-0036; 47-099-0193; 47-099-0312; 47-099-0328; 47-099-0330; 47-099-0347; 47-099-0382;	47-099-0328;	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;	47-099-0253; 47-099-0260;	47-099-0854;	47-099-0854; 47-099-1291; 47-099-0972; 47-099-1486; 47-099-1464; 47-099-1499;	47-099-0972;	47-099-1486;	47-099-1464;	47-099-1499;
47-099-1508;	47-099-0561;	47-099-0598;	47-099-1508; 47-099-0561; 47-099-0598; 47-099-0304; 47-099-0798; 47-099-0824; 47-099-0838; 47-099-0641;	47-099-0798;	47-099-0824;	47-099-0838;	47-099-0641;
47-099-0019:	47-099-0019: 47-099-0015: 47-099-1471: 47-099-1337	47-099-1471:	47-099-1337				

02/02/2024

FERC-121



1.0 API well number: (If not available, leave blank. 14 digits.)	47- 099-0981 Oil & GAS In	IVISION
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 DEPT. NAF	MINES
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	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 WV County State	
(b) For OCS wells:	NA NA Block Number Date of Lease: 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:	0,8,1,7,8,0, Mo. Day Yr.	
(c) Estimated annual production:	8.9MMcf.	
	(a) Base Price (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.)	2.404324 _0.0	2.728
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2 4 0 43 2 4 0 .0	2.7.2.8
9.0 Person responsible for this application: Agency Use Only Date Received by Juris. Agency MAR 2 1 1980	Name Title Signature C C GOO	te Attorney
Date Received by FERC	Date Application is Completed (304) 342-8166 Phone Number	5

FT7900806/2-2

WILL STRATOR: Tug Fork Corp.	NA
FIRST JUPCHASER: Tennessee Gas Pipeline Co.	018629
THER:	
Tal Person of Mines, Dil & Gas Division TELL PETERMINATION FILE DUMBER	
800331.107.099.0981	
se Above File Number on all Communications	
Felating To Determination of this Well	
CHECK BACH STEM AS CLUBLESE OR MOTE WHAT IS MISSING	
<u>: NO.</u>	
1. FERC-121 / liens not completed - line No.	
2. IV -1 /gent Lawrence B. Mentzer	
3. IV-2 Well Fermit	
L. IV.E Well Flat	
5. 1V-35 Well Fecord	
6. 3V-36 Gas-Dil Test: Gas Chly Was Cil Froduced? R	atio
T. 11-15 tomal Interior No Producers	
t. 19-40 90 day Production Pays off line:	
c. IN-18 Application for certification. Topletel	
17 17 Tam #51 - 52 - 55 - 54 - 69 - 55 - 55 - 55 Tample 17	
Structure Map 1:- Map : ell Tablet Gas Analyses (5) Tate commenced: 3/23/60 Date completed 6/8/60 Increased	
(5) Freduction Terth: 2992/3049; 3291/3313; 2667/27	75,2305/23
(5) Treduction Ferration: Br. Shate; State; St. + Shls.;	Bevea
(5) Final tyen Flow: 239mctd	
15 Mor Tree. T.F. 450#	
(6) Ciler Cas Test:	
(7) Avg. Daily Cas from Arrual Productions 10.2	rod.
(5) Avg. Daily Gas from 'O-day ending w71 - 130 Cays	"
	7.= 23:13 F-; cr
(5) Oil Production: No From Completion Report	
-17) Does lease inventory indicate enthanced recovery being dine/	No
-17) Is afficavit sign of	
s cificial well record with the Exparament confirm the submitted information? itional Information Does computer program confirm? Determination	yes

E. WEE-SELLER CODE

TICHTISE - AUG 1 4 1980

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

Date	MAD 3	900 19
Operator's Well No.	74-930)
API Well No. 47 -	099	0981
State	County	Permit

WELL CLASSIFICATION FORM

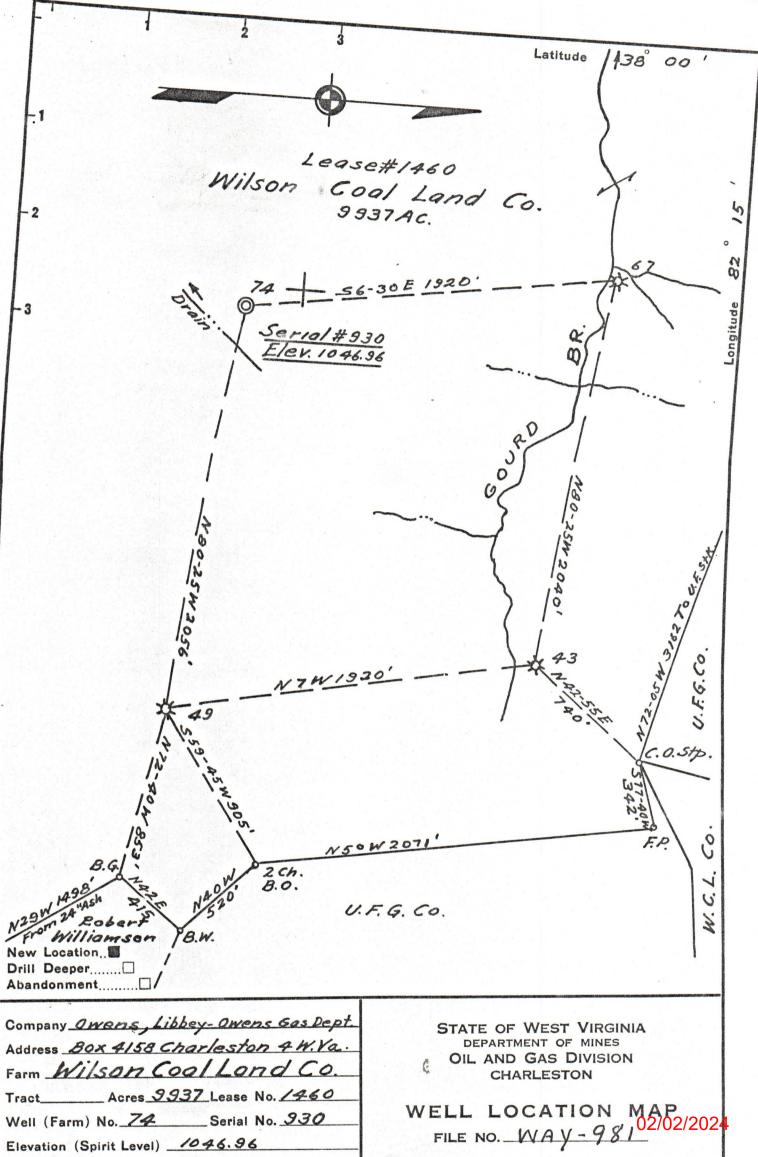
HIGH COST GAS WELL

NGPA Section 107	
DESIGNATED	AGENT Lawrence B. Mentzer
ADDRESS	P. O. Box 3711
[[[[[[[[[[[[[[[[[[[Charleston, W.Va. 25337
이 문에 가게 되었다면 하는데 이웃로 하고 있다. 그리고 말이 맛있다면 하는데 맛이 맛있다면 하고 있다면 하는데	levation 1046.96
	N/A
	coln County Wayne Quad. Naugatuck
GAS PURCHASER Tennessee Gas Pipeline Company Gas Purchas	
Contract No	
Merer Chart	Code R0002
Date of Con	Tract_00/17/00
* * * * * * * * * *	* * * * *
. AFFIDAVIT	
generally found in the subsurface of the Appalach crops around its periphery. For the purposes of defined as that shale stratigraphic interval that Mississippian Berea Sand or, if absent, that of the Onondaga limestone formation or its chert equipment of carbonates. I have no knowledge of any application which is inconsistent with a conclust high cost natural gas well.	this statement, Devonian shale is t lies between the base of the the Osage Series, and the top of uivalent, the top of the Huntersville information not included in the
COUNTY OF Kanawha TO WIT:	
the 3rd day of March, 1980, has acknowledged	to the writing above, bearing date
-fid	
Given under my hand and official seal this	day of March. 1980
My term of office expires on the 5th day of Des	
	harlatte I. Mathews:
[NOTARIAL SEAL]	notary runtie

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.



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"W4.50"

County Wayne District Lincoln

Engineer 7.5, Flournay

Engineer's Registration No.

File No. Drawing No.

- + 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.