

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.

Charleston, W. Va.	
State of West Virginia	Owens, Libbey-Owens Gas Department
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
State Conservation Commission Charleston 5. W. Va.	P. O. Box 4158, Charleston 4, W. Va.
ADDRESS	COMPLETE ADDRESS
	July 20, 19 48
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
	Lincoln
ADDRESS	Distric
	Count
OWNER OF MINERAL RIGHTS	Well No. OLO 782 - Farm No. 50 8/
ADDRESS	
GENTLEMEN:	Wilson Coal Land Company Farm
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  December 17, 1936	may be) under grant or lease dated  H. Rummel Anderson & Thomas B. by Jackson - Special Commissioners , to
Owens-Illinois Glass Co. & Libbey-Owens	Ford Glass Co. and recorded at the 23rd
	in the office of the County Clerk for said County in
Book 188 , page L-33 .	one of the county clerk for said County in
aries of the same, who have mapped their workings coal operators or coal owners (if any) above named a The above named coal operators or coal owners desire to make to such proposed location, or which the drilling of a well at said proposed location will appear to the drilling of a well at said proposed location will appear to the drilling of a well at said proposed location will appear to the drilling of a well at said proposed location will appear to the drilling of a well at said proposed location will appear to the drilling of a well at said proposed location will appear to the drilling of a well at said proposed location will be a said proposed location will be a said proposed location will be a said proposed location.	believes there are no coal operators operating beds said well is located, or within 500 feet of the boundard filed their maps as required by law, excepting the as addressees.  (if any) are notified that any objections they may be are required to make by Section 3 of said Code, if
a copy of this notice and accompanying plat by said I that forms for use in making such objections will be on request and that all such objections must set forth a grounds on which such objections are based and indicate be moved to overcome same.  (The next paragraph is to be completed only	Department. Said coal operators are further notified furnished to them by the Department of Mines promptly as definitely as is reasonably possible the ground or the direction and distance the proposed location should in Department's copy.)
Copies of this notice and the enclosed plat were	mailed by registered mail, or delivered to the characteristics
named coal operators or coal owners at their above some on the same day with the mailing or delivery of West Virginia.	L
	ruly yours,
01/9/202122232	OWENS, LIBBEY-OWENS GAS DEPARTMENT
100	WELL OPERATOR
JUL1948	P. O. Box 4158
Address of Well Operator	STREET
Well Operator	Charleston 4, W. Va. 11/17/200
JUL 1948 WEST VINCINA Of Well Operator	CITY OR TOWN
60 - 62	
*Section 3 If no such objections 1	STATE
ten days from the receipt of said notice and plat by the dependent shall forthwith issue to the well operator a drilling phave been made by the coal operators to the location, or approved and the well operator authorized to proceed to drive the coal operator authorized to drive the coal operator authorized to drive the coal operator authorized the coal operator authorized the coal operator authorized the coal operator authori	of such plat, that no objections

JARRETT PRINTING COMPANY, CHARLESTON, W. VA.

WAY-598

PERMIT NUMBER



STATE OF WHET VINCIMIA

## DEPARTMENT OF MINES

## MOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

January Department Constituent . c. Box (158, Charlaston , V. Va. ,08 TEME PROPOSED LOCATION Well No. 000 102 - 100 00 50 December 17, 1936 - madely Joseph - Special Songers on the state of the second of are one contents and taken or tract of land on which sent well is informed and believes himse too no coal operation operation bodies of coal contents and that well is included or viting 500 feet of the benefits of the senter of the company of the mapped feet working and their their mapped in required by law, excepting the contents of coal owners (if any) above methed as undirected. The above remark coal operators of coal owigers of and respect.

The above remark coal operators of coal owigers of any are motified that any objections flow may also above the such a such proposed location or which they are remark to make he proposed location or which they are a data condition to or about their respective that respective within the early consistent of the such and the coal of the such as a such according to the such as a suc

11/17/2023

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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	Owens Lib	pey-Owens Gas De	nartment.
State Conservation Commission		NAME OF WELL OPERATOR	Jai billoilo
Charleston 5, West Virginia	P.O. Box 10	158, Charleston l	. W Va
ADDRESS		COMPLETE ADDRESS	to We vae
	De	ecember 15,	٠٠ ١١.
COAL OPERATOR OR COAL OWNER		ROPOSED LOCATION	, 19_24_
ADDRESS		incoln	District
	Wa	lyne	County
OWNER OF MINERAL RIGHTS			County
	Well No. OLO	782 - Farm No. 5	0
ADDRESS	Wils	on Coal Land Com	No. 22-2
GENTLEMEN:			
The undersigned well operator is entitled to	drill upon the abov	e named farms on trans	
December 11, 1930	4. transer	Anderson & Thoma	s B.
Owens-Illinois Glass Co. & Libbey-Owens	Ford Glass Co	pecial Commissio	ners , to
Owens-Illinois Glass Co. & Libbey-Owens of December 1936	Toru drass co.	, and recorded on the_	23rd day
of December 1936  Book 188 , page L-33 .	in the office of the	County Clerk for sa	id County in
, pago ->>.			
The enclosed plat was prepared by a competent to be drilled for oil and gas by the undersigned well and County above named, determined by survey and land marks.	t engineer and show operator on the far courses and distant	s the proposed location and in the Magist ces from two permane	on of a well erial District
The undersigned well and the transfer of the t			
The undersigned well operator is informed and of coal beneath said farm or tract of land on which aries of the same, who have mapped their workings coal operators or coal owners (if any) above named	and filed their maps	s as required by law,	t the bound- excepting the
The above named coal operators or coal owners desire to make to such proposed location, or which the drilling of a well at said proposed location will car coal mines, must be received by, or filed with the Depart a copy of this notice and accompanying plat by said I that forms for use in making such objections will be on request and that all such objections must set forth a grounds on which such objections are based and indicate be moved to overcome same.	use a dangerous con rtment of Mines with Department. Said co furnished to them by	dition in or about the hin ten* days from the pal operators are further Department of Min	and Code, if ir respective the receipt of ther notified
The next paragraph is to be completed only	in Donortuna		
this notice and the enclosed plat were	mailed by		
named coal operators or coal owners at their above some on the same day with the mailing or delivery of West Virginia.	hown respective addr this copy to the De	essda partment of Mines at	the above
	ruly yours,		charicston,
21/15/26		OLIENG GAG BERLING	
12/3/4/5/07/	outro, Hibbel.	OWENS GAS DEPART	MENT
DEC 10	P. O. BOX 4158		
RECEIVED Address of	2011 4170	STREET	
RECEIVED WEST VIRGINIA  Address of Well Operator	CHARLESTON 4,		
DEPT. OF MINITA		CITY OR TOWN	11/17/2023
*Section 3. *Section 3 . *Section 5 . *Section 5 . *Section 6 such objections be filed or be from the days from the receipt of said notice and plat by the denal forthwith its section of said notice.	WEST VIRGINIA		
*Section 3 If no such objections be filed or he f	ound her the	STATE	
*Section 3 If no such objections be filed or be for ten days from the receipt of said notice and plat by the department shall forthwith issue to the well operator a drilling pe have been made by the coal operators to the location, or for approved and the well operator authorized to proceed to drive		ont of mines, within sai said proposed location, g of such plat, that no department, and that t	d period of the depart- objections he same is

. 78

WAY-598 -D PERMIT NUMBER



## NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

Owens, Libbey-Owens Gas Department Charleston 5, West Virginia P.O. Box 1158, Charleston I. W. Va. December 15. COAL & ENT IR DE COAL OWNER Well No. ULO 782 - Yeth No. 50 Wilson Coak Land Company Parm od sud gas, having fee title theuses, (or as the case may be) under grant en ban de December 17, 1936 Handeby Jackson - Special Commission Owens-Tilinois Glass Co. & Libbey-Owens Ford Glass Co. and recorded on the 23rd day Book 188 page L-33

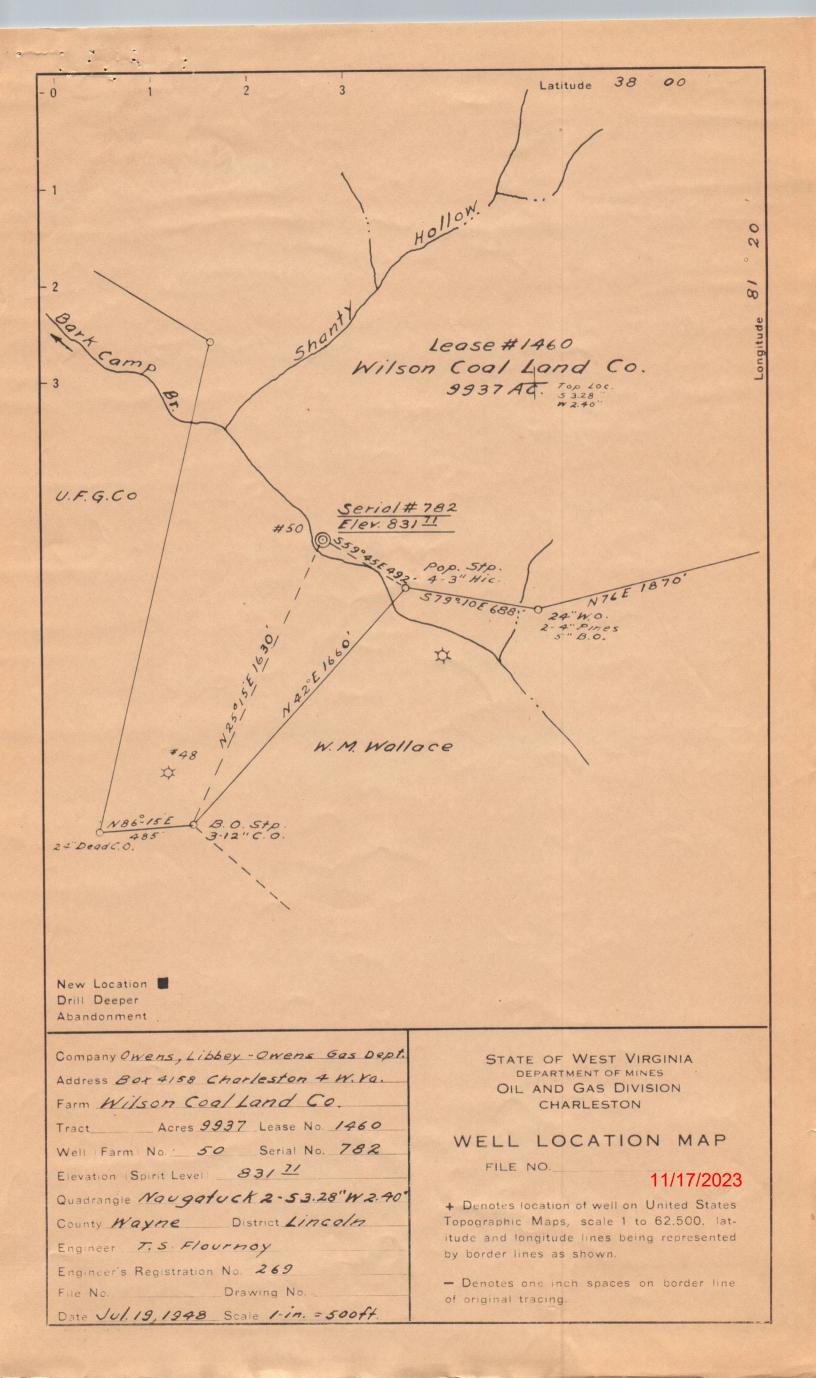
named one operators or took owners at their above chown respective address.

The same day with the making or delivery of this copy to the Department of Mines at Charleston.

West Virginia

OWENS, LIBBRY-OWENS GAS I		
P. O. BOX 1158		
CHARLESTON I.		

11/17/2023



OWENS, LIBBEY-OWENS GAS DEPARTMENT

CHARLESTON 4, WEST VIRGINIA

Oll Doll Doll 20, 1948

Department of Mines
Oil and Gas Division
State of West Virginia
Charleston - 5 - W. Va.
Gentlemen:

We enclose Notice of Proposed Location to drill our Well No. 782 which will be Farm Well No. 50 on the Wilson Coal Land Company tract situated in Lincoln District, Wayne County, West Virginia.

Will you please issue to us a permit to drill this well?

Very truly yours,

7. 7. molain.

A. H. McClain Geologist

AHMcC:jt



July 31, 1948 Osens, Labbey-Osens Gas Department P. O. Box 4158 Charleston, West Virginia Gontlemen: Enclosed is permit WAY-598 to drill Well No. 782-50 on the Wilson Coal Land Company Farm, Mincoln District, Wayne County. Very truly yours, Administrative Assistant OIL AND GAS DIVISION OMI:K Bncl-2 CC: Inspector D. E. Lawson 11/17/2023 A-12 December 26, 1954 Owens, Libbey-Owens Gas Department P. O. Box 4158 Charleston 4, West Virginia Gentlemen: Enclosed is permit WAY-598-D to drill deeper Well No. 50, Serial 782 on the Wilson Coal Land Company Tract, Lincoln District, Wayne County. Very truly yours, Administrative Assistant OIL AND GAS DIVISION MG:g encl cc: Mr. O. C. Allen, Inspector Oil and Gas Wells Mr. R. C. Tucker, Assistant State Ceologist 11/17/2023



McClain (This) Geologist

Mangatuck DEP

OG-10

# DEPARTMENT OF MINES OIL AND GAS DIVISION

Permit No. Way	me-598		WELL F	· CCOR		Oil or G	as Well Gas
o o mile		OWENS GAS I		Casing and	Used in Drilling	Left in Well	Packers
Address P. C	). Box 4158	, Charlesto	n 4, W.Va.	Tubing	Driming	Well	
T WITH			Acres 9,937	Size			
Location (waters)	Bark Cam	p Branch					Kind of Packer Oilwell
Well No. OLO	#782, Farm	#50	Elev. 831.71	16			Wall & Anchor
District Line	coln	_County	Wayne	13		07.70	
The surface of tra	act is owned in	fee by		10	3151	3151	Size of
03	GI.	Address	Y74	81/4	1361'	1361'	
Mineral rights are	e owned by	te of West	Virginia	on <sup>6</sup> %	1,01	1,01	Depth set
		AddressCharle	ston 5, W.Va.	5 3/16		21 51 6	
Drilling commenc	ed 8-11	_1948		3	14541	1/15/11	Perf. top
Drilling complete	d 10-18	1948		2			Perf. bottom
Date Shot 10-25	5-48 From		.'0	Liners Used_			Perf. top
							Perf. bottom
Open Flow	/10ths Water	in	Inch				
	/10ths Merc.	in	Inch	CASING CE	MENTED	SIZE	No. FtDate
Volume	1,	859 M	Cu. Ft.				
Rock Pressure	473	lbs	38 hrs.	COAT WAS	ENCOUNTERED	ΔΤ	FEETINCHES
Oil			bbls., 1st 24 hrs.				
Fresh water		feet	feet				FEETINCHES
Salt water		feet	feet	FE	ETINC	HES	FEETINCHES
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface		-	0	11			
Sand			11	83			
Slate	**********		83	110	Water	1031	Top was 25'.
Sand	White	Hard	110	188	Water	1651	Top was 15'.
Slate Sand	White White	Soft Hard	188 199	199 256			
Slate	Blue	Soft	256	315			
Slate	Dark	Soft	315	354			
Shell	White	Hard	354	364			
Slate	Dark	Soft	364	731			
Sand	White	Med.	731	835			
Slate Black Slate	Dark Dark	Med. Soft	835	887			
Salt Sand	White	Hard	887	897 1033	Water	9411	2 27 - 11
Slate & Shell		Med.	1033	1090	Water	1014	3 Blr. Hr. 3 Blr. Hr.
Slate	Dark	Med.	1090	1116	1001		) DIL. III.
Slate & Shell		Hard	1116	1133	1 2 5 1		
Slate Slate	Dark	Hard	1133	1140	To the last		
Slate & Shell	s Dark	Med.	11140	1188			
Maxton Sand	Gray	Hard	1212	1212 1243	Gas	1010 10	do
Slate	Light	Soft	1243	1245	uas	1213-18	50 M
Slate & Shell	.s		1245	1280			
Lime Shells	****		1280	1303			
ittle Lime			1303	1324			
Big Lime			1324	1340	ma at	70/2	
Cotal Depth			1340	1454 1454	Test	1361	19 M
				1454	Gas Gas	14461	546 M
					Mas /		736 M
							11/11/2020
12.3		150	158				

(Over)

879202N22

Test after treated with Acid

1 Hr. after - 1,9

2 Hrs. after - 1,8

1,931 M 1,859 M

Black Slate Selt Sand Slate & Shell s Slate & Shell s Slate & Shell s Slate Slate & Shell s Slate & Shell s Auxton Sand Slate Slate Slate Line Shells Big Line Fotal Lepth	Dark Dark White	Mard Med. Med. Hard Hard Med. Med. Hard Soft	1090 1116 1118 1110 1188 1212 1213 1215 1250 1350 1350	1110 1110 1212 1212 1213 1213 1216 1203 1203 1310 1310 1151	Gas Test Gas Test after I	1913-18 1361: 1446: 1449: reated with	- 1,931 M - 1
Selt Sand Slate & Shell s Slate & Shell s Slate & Shell s Slate Slate Slate Slate Slate Slate Slate Slate & Shell s slate Slat	Dark Maite Dark Dark Dark Dark Dark Dark Lark	Med. Herd Hard Med. Med. Med. Med. Hard	1090 1116 1133 1210 1210 1212 1213 1260 1215 1303	11.33 11.10 11.18 12.12 12.13 12.13 12.10 13.10 13.10	Test cas Gas	1361: 1446: 1449: reated wit	19 W 546 W 736 W
tate & Shells hate late & Shells late late late late date late late & Shells akton Sand late late late late late late late & Shells late late & Shells	Dark Maite Dark Dark Dark Dark Dark Dark Lark	Med. Herd Hard Med. Med. Med. Med. Hard	1090 1116 1133 1210 1210 1212 1213 1260 1215 1303	11.33 11.10 11.18 12.12 12.13 12.13 12.10 13.10 13.10	Test cas Gas	1361: 1669: 1669:	19 H 546 H 736 M
Mate & Shells Hate & Shells Late & Shells Late Late Late & Shells axton Sand late Late & Shells late Late & Shells late & Shells Line Shells Line Line	Dark Maite Dark Dark Dark Dark Dark Dark Lark	Med. Herd Hard Med. Med. Med. Med. Hard	1090 1116 1133 1210 1210 1212 1213 1260 1215 1303	11.33 11.10 11.18 12.12 12.13 12.13 12.10 13.10 13.10	Test Gas	1301:	19 H Sub il
tate & Shells hate late & Shells late late late late date late late & Shells akton Sand late late late late late late late & Shells late late & Shells	Dark Maite Dark Dark Dark Dark Dark Dark Lark	Med. Herd Hard Med. Med. Med. Med. Hard	1090 1116 1133 1210 1210 1212 1213 1260 1215 1303	11.33 11.10 11.18 12.12 12.13 12.13 12.10 13.10 13.10	Test Gas	1301:	19 M Sub II
Seat Sand State & Shells Late & Shells Late Late Late & Shells Late Late & Shells Late & Shells Late & Shells Late Shells Late Lime	Dark Maite Dark Dark Dark Dark Dark Dark Lark	Med. Herd Hard Med. Med. Med. Med. Hard	1090 1116 1133 1210 1210 1212 1213 1260 1215 1303	11.33 11.10 11.18 12.12 12.13 12.13 12.10 13.10 13.10	Test Gas	1301:	19 M Sub II
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Selt Sand Slate & Shells Slate & Shells Slate Slate Slate Slate & Shells Maxton Sand Slate Slate Slate Slate Slate & Shells Slate & Shells Slate & Shells	Dark Maite Dark Dark Dark Dark Dark Dark Lark	Med. Herd Hard Med. Med. Med. Med. Hard	1090 1116 1133 1210 1210 1212 1213 1260 1215 1303	1133 1110 1116 1212 1213 1215 1280 1321	Gas	1213 <b>-</b> 18	50 M
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Selt Sand Slate & Shell S Slate & Shell S Late Late Slate & Shell S Late & Shell S Late & Shell S Slate	Dark Maite Dark Dark Dark Dark Dark Dark Lark	Med. Herd Hard Med. Med. Med. Med. Hard	1090 1116 1133 1100 1180 1212 1243	1133 1110 1116 1212 1213 1215 1280	Gas	1213-18	50 III
Selt Sand Slate & Shells Slate & Shells Slate Slate Slate Slate Slate & Shells Saxton Sand Slate	Dark Maite Dark Dark Dark Dark Dark Dark Lark	Med. Herd Hard Herd Herd Hed. Hed.	1090 1116 1133 1140 1188 1212	11.33 111/0 1186 1212 1213 1215	Gas	1213-18	50 11
Selt Sand Slate & Shells Slate & Shells Slate & Shells Slate Slate Slate & Shells Slate & Shells	Dark Mnite Dark Dark Dark Dark Dark Dark Dark	Med. Led. Hard Hard Led.	1090 1116 1133 1140 1188	1133 1110 1476 1212	Gas	787 <i>3</i> -78	IK O2
Selt Sand Slate & Shells Slate & Shells Slate & Shells Slate	Dark White White Dark Dark Dark Dark	Med. Med. Hard Hard Med.	1090 1116 1133 1140	1133 1110 1188			
Selt Sand Slate & Shells Slate Slate & Shells	Dark Mnite Dark Dark Dark Dark	Med. Led. Hard Hard	1090 1116 1133	1133 1140			
Selt Sand Slate & Shells Slate Slate & Shells	Dark White White Dark Dark	Med. Med.	1090	1133			
Selt Sand Slate & Shells Slate	Dark Maite Dark Dark	Med.	T090				
Selt Sand Slate & Shells	Dark Dark White		The state of the s	1116		MINE MANY	S DEV # 107 #
	Dark Dark	HULL	1033	1090	water Water	TOTI	3 Blr. Hr.
2 20 C C 2 2 C C	Dark	Soft	887	897 2033	14.030	0111	2 22 3
Slate	The second secon	Med.	835	887			
Sand	White	geg*	731	835			
Slate	Derk	Sort	364	731			
SHOLL	White	Harel	354	354 364			
State State	Blue Dark	Soft	256 315	315			
20110	White	Hard	Tàà	256			
Slate	White	Soft	188	199			
Sand	White	Hard	110	168	Matar	1651	Top was 15'.
6 ate	part of the same	and the sea of	93	110	uater	1031	Top was 251,
Surface	Ministra CO	ma cas and	0	83			
Formation	(,ejoi,	Hard of Soft	Top	Rottom	Off, Cha	Tepth Found	Remarks
Salt water		199	1,604		L IMUL	Na .	HEEL MOHE
Fresh water		/(eet	Total	LIN	L INCI	168	FELT INCHE
Rock Pressure	817	The second secon	bbla, Jat 24 hrs.	COAL WAS	MOONMENTED	14	FED T INCHE
Volume - 3	L73	The.	38 has				
	Toths More.	829 M	Jack Ca, Ft.	CASING OF A	274 7 532		
			freh	CYCLES OF A	Land the state of	dat ,	No. 11 Dat
	Gal. acid						To the Bostonia Property
Date Shot 10-23		1.5		Linera Used.			Per bolton .
Drilling completes		-Tare		3			Port ten
Druing commende		-1948 -		9	- Fet Dut	and had	Perf, Lytron
		ZOGLARZ/NESSLADAS	ston 5, W. Va.	D 9\ (p************************************	MSH.	Then.	Perr, top
Coal Coal rights are	owned by Sta	es of week	irginia Lon Commissi	on 6 %			Thou - Thil
Coal	21-0	Address Most	i i i i i i i i i i i i i i i i i i i	8/	TRUE.	7.77.	
The enriace of tree		ge hy		10	3151	315:	3 3 5-5/8 x 16
District Lines	)Ju	County	gλue	18	73	J2 57 1	
	782, Farm	#50	Aev 831.71	10			Wall & Anchor
Location (waters)	Bark Car						Kird of Packer Oilwe
Farm Wilso	n Coal be	nd Company	Acres 2,937	Size			A TOTAL A TOTA
Address P. C.	Box LIS	, Unarlesto	H. W.Va.	Lapina	Drilling	11 901	
		annis ars d	PARCHENT	Casing and	Used in	Left in	Parkers
			Personal Charles				11/17/2023
Permit Room Ways	te-598		V = 200			Oil or Ga	11/11/2023
			MEET	RECOR			
			OF VID				

Date January 4, , 19 49x APPROVED OWENS, LIBBEY OWENS GAS DEPARTMENT, Owner

By

A. H. McClain (Title) Geologist

n	Color	Hard or Soft	Top /0	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Light	Soft	3015	3035	Cos 2007		Tegat In
Shale	BY GWII	Soft	T.D.	3035	Gas, 2981 1-27-55 Tu	ned in liv	294 M
Shell	Brown	Hard	T.D.A.S.	2762	Test, before		
Sh. & Shells Shale:	Brown	Soft.	ш.р.н.э.				Detonite from
Shale	DLOME	Soft.	2720 2817	2347	2221 to 303	. Test be	efore shot 240 M
Sl. & Shells	Light	Med.	2000	2720 2817	Test 15 Min.		
Slabe	Gr.ey.	Sort	2632	2000	Test 1 Hour	11 11	= 491 M
Shale 'a	PLOMI	2010	2572	2632	Test 22 "	" "	= 21,9 M
Sl. * Shells	Brown	Soft	2557	2572	Hole bridge	at 2745.	
Shale	Brown	30fb	2532	2557	Cleaned out	from 22 ho	ours to 46 hours
Slate Shi & Shells	Grey	Med.	21.82	25.32	after shot.	11011 22 110	00 40 110413
Sl. & Shells	Grey	Med.	21,55	28,18,2	Installed 3	" tubing.	
Slate		-	2307	2055			OF SHEET
Sl. & Shells	-	-	2200	2327	Test after	tubing: (	hours A.S.)
Slate	Crey	Sort	2255	2284		& Berea:	59 MCF
Sl. & Shells	Grey	Med.	2210	2255	Br. Shal	e	133 MCF 192 MCF
Br. Shale	Broan	Soft	2207	2240	Total		192 MOL 53.1 M
Br. Shale	Brown	3020	2162	5503	Turned in 1:	ne 2/15/5	SI.LH
				-6			for 7 days.
					Changed open	flow to:	A MILE OF THE PARTY OF THE PART
						& Berea:	59 MCF
Slate	Light	Hard	STOO	STQS	Brown Si	ale	210 MCF
Berea	Grey	Hard /	2069	STOO	Total		269 MCF
Br. Shale	Brown	Soft	2040	2069			
Slate	Grey	901't	TOOT	2010			
Sl. & Shells	Grey	Med.	1787	1801		19 A 7 7 9	
Slate	slaght	2,708	TOUR	TIOL	11 Vous		59.6 M
Sl. & Shells	Light	Med.	1624	1624 1787	Way	CONTRACTOR	
Slate	Crey	Soft	1585	TOOS	0		
Sl. & Shells	Grey	Med.	1575	1505	598-	n	
Injun ,	Grey	Hard	1543	1575	OFC		
Injun	Ked.	Mad.	1523	T503	TOAJOM Sa		133 11
Line	White	Har'd	THEF	1523	Pulled tabin	5. ailing hol	te dry at MSH;
Formation		Hard or Sold	Leb	Boltom	OIL CHE	Papth Found	Remarks
Salt water Why		1602	7,561	500			
Fresh water		1 GOL	Code			id a bil	
on / Marie			bbis, let 24 bre	ALPS:	INGH.	(d E)	E. INCEES
			hrs.	COAL WAS I	ENCOUNTERED	L. L.	EL TACHES
	. Shale 2						
	notes Mer. 1	9 M; Br. Sha		numeric me			
			inen	CASING EN	I NATED 3	SE No	, F Date
			time				
	Debonite					1	er bottom
	5 From	2221 To	30.30				ett fob
Drilling completed	J	/26/55		发3章"	-	STYP	er bottom
Delling commence	Deeper 1	14/55		8 B.	TPR8.		er top
		ruguoda					SIMO to SIM
Mineral algebrary	owned he Owl	ens. Libbay-	wons Gas_De	o.c.+e			op h set
STORES CONTRACTOR OF THE		COLUMN TO SERVICE			58 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		-1 (8" x 3" x 76"
The surface of tra-							The of
District. J. Linco		County Way n					
Well No. 50 (5)	rial #782	) H	631.71				. Hookwall
Lecation (Waters)							in of Packer.
Maria William	n Coal La	nd do.	9937				
Address P. O.					The same of the sa		
4		. Uharleston			Used in	Deft in Well	Packers
VA 13910	ALDDEA"	DIENS GAS DE	VBEKEME		1 9		4/47/0000
Permit No. Wey	330-73					Off of Gas	1/17/2023
· 是是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一	CONTRACTOR		W II was considered			V-1	das das
Permit No. Way-	1		MEET				

	Date	March 17,	, 1955
APPROVED_	OWENS,	LIBBEY-OWENS GAS	DEPARTMENT, Owner
В	y	(Title)	Geologist



# DEPARTMENT OF MINES OIL AND GAS DIVISION / 0

WELL RECORD

Oil or Gas Well Gas

Permit No. Way - 590-D			Oil or Gas Well (KIND)		
Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  Address P. O. Box 4158, Charleston 4, W. Va.	Casing and Tubing	Used in Drilling	Left in Well	Packers	
Farm Wilson Coal Land Co. Acres 9937  Location (waters) Elev. 831.71  District Lincoln County Wayne	Size 16			Kind of PackerO.W.S. Hookwall	
The surface of tract is owned in fee by	10			Size of 6-5/8" x 3½" x 16	
Mineral rights are owned by <u>Owens</u> , <u>Libbey-Owens</u> Gas De	5 3/16	71.00	D. 22 - 3	Depth set	
Drilling commenced Deeper 1/4/55  Drilling completed 1/26/55  Date Shot 2/1/55 From 2221 To 3030  With 7850# Detonite	3 ½"  3 ½"  23½"  Liners Used	1458 ·	Pulled 2144	Perf. top  Perf. top  Perf. top  Perf. bottom	
Open Flow /10ths Water in Inch /10ths Merc. in Inch Volume B.L. and Ber. 59 M; Br. Shale 210 Gu. Ft.	CASING CEMI	ENTED	SIZE	No. Ft. Date	
Rock Pressure Br. Shale 282 lbs. 141 hrs. Oil bbls., 1st 24 hrs. Fresh water feet feet	COAL WAS E			FEET INCHES	
Salt water feet feet				FEETINCHES	
Hard or Ton	Rottom	Oil, Gas	Depth	Remarks	

Oil			_bbls., 1st 24 hrs.				TINCHES
Fresh water		feet	feet	FEE			
Salt water		feet	feet	FEE	TINCH	ESFEE	TINCHES
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
					Pulled tubi		
Lime	White	Hard	1454	1523		bailing hole	
Injun	Red	Med.	1523	1543	18/10 W 2"	†	133 M
Injun	Grey	Hard	1543	1575	Comments of the second		
Sl. & Shells	Grey	Med.	1575	1585	<b>建筑工作</b>		
Slate	Grey	Soft	1585	1604			
Sl. & Shells	Light	Med.	1604	1624			
Slate	Light	Soft	1624	1787	Park the Control		
					Test, 1719		59.6 1
Sl. & Shells	Grey	Med.	1787	1801			
Slate	Grey	Soft	1801	2040			
Br. Shale	Brown	Soft	2040	2069			
Berea	Grey	Hard	2069	2160	WA 450		
Slate	Light	Hard	2160	2162	- Prital		169 statis
Diave	megno				Test, 2060	1010	45.71
					Gas, 2079	& Berea:	65
					Test, 2088	I Tlow bo:	64.6
					Gas, 2094	IS MOF AVE.	67
Day Challa	Dragger	Soft	2162	2207	Test, 2182	Ine 2/15/55	51.4
Br. Shale	Brown	Soft	2207	2240	Gas, 2226		53.1
Br. Shale	Brown		221,0	2255	das, czze	20212223	NOB
Sl. & Shells	Grey	Med.	2255	2284	Br. Sha	1900	555
Slate	Grey	Soft	2284	2307	Blg Lin	100	150,00
Sl. & Shells	ALEST STATE OF THE	•	Charles of the Control of the Contro	2418	Test effer	SO MAR 1955	ED 282
Slate	C	Mod	2307 2418	2455		in -EIV	20
Sl. & Shells	Grey	Med.	2455	2482	Installed 3	T DECE	GINIA SS
Slate	Grey	Soft	2482	2532	after shot.	RECEIVE WEST VIR	MINES S
Sh. & Shells	Brown	Med. Soft	2532	2557	Test, 2557	DEPT. UT	(45.7
Shale	Brown	THE TAX DESCRIPTION OF THE PROPERTY OF THE PARTY OF THE P	2557	2572	1680, 2771	1 4/1/0	-40 40.1
Sl. & Shells	Brown	Soft	2572	2632	Gas, 2602	at 308.73	48.3
Shale	Brown	Soft	2632	2688	(das, 2002	a u	5101
Slate	Grey	Soft	2688	2720	Test 1 Hour	11 44	17/2022
Sl. & Shells	Light	Med.		2817	Test, 2741	arter show	17/2023
Shale	Brown	Soft	2720			. Test bel	208
Sh. & Shells	Brown	Med.	2817	2847	Gas, 2751	with 7850#	Bathant to Prom
Shale	Brown	Soft	2847	2952	Test, befor	curming in	Tea
Shell	Brown	Hard	2952	2958	m	ned in line	
Shale	Brown	Soft	2958	3015	Test, 2955		144
Slate	Light	Soft	3015	3035	Gas, 2968		160 1
					With a make a constraint of the first		

### FERC-121

				OIL	GAS DIVISION		
1.0 API well number: (If not available, leave blank.	14 digits.)	47- 09	9 _ 0598	DEPT	OF MIN		
<ol> <li>Type of determination being s (Use the codes found on the f of this form.)</li> </ol>		108 Section of N	IGPA	N/A Category Cod			
3.0 Depth of the deepest complet location: (Only needed if sec or 107 in 2.0 above.)				feet			
4.0 Name, address and code numb applicant: (35 letters per line maximum. If code number no	ot Na	The second secon	Corporation		000728 Seller Code		
available, leave blank.)	Str	O. Box 628  eet arleston y		WV 25322 State Zip Code	-		
5.0 Location of this well: [Comp or (b).] (a) For onshore wells (35 letters maximum for f name.)	Field Way	ncoln Id Name yne unty		WV State			
(b) For OCS wells:	Are	N/ Date of Les Mo. Day	ase:	Block Number	<del>,</del>		
(c) Name and identification n of this well: (35 letters an maximum.)	The state of the s	son Coal Land	50-782				
(d) If code 4 or 5 in 2.0 above of the reservoir: (35 letter maximum.)		N/A					
6.0 (a) Name and code number of purchaser: (35 letters and maximum. If code numbe available, leave blank.)	digits Ten	Tennessee Gas Pipeline Company					
(b) Date of the contract:			0 8 1 7 7 Mo. Day	7 9 Yr.			
(c) Estimated annual producti	on:		21.5	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 decimal places.)	3	3 0 1 2	0 4 6 9	+010	3.4 9 1		
8.0 Maximum lawful rate: (As of filing date. Complete to decimal places.)	3	3 0 1 2	0.469	+010	3.4 9 1		
9.0 Person responsible for this application Agency Use Only Date Received by Juris. Agency JUN 221981  Date Received by FERC	Jar Nam Signa Jur	A	emblose	Regional Drilling Title  304) 344-8355 Phone Number	_		

PARTICIPANTS: DATE:	BUYER-SELLER CO
WELL OPERATOR: Cabot O: It Gas Corp	000728
FIRST PURCHASER: Tennessee Gas Pipel	
OTHER:	
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER  \[ \left\{ \text{-6-22}  \text{-108-099} = 0598} \]  Use Above File Number on all Communications Relating to Determination of this Well	Jeriot Thursey
CHECK EACH ITEM AS COMPLETE OR NOTE W	WHAT IS MISSING
ITEM NO.	
1. FERC -121 Items not completed -  2. IV-1 Agent James R. C.	
3. IV-2 Well Permit	amblest
4. IV-6 Well Plat	
	Deepening /
7. IV-39 Annual Production year:	s Oil Produced? Ratio
9 TV 40 00 1 T	
9. IV-48 Application for certification. Complete	Days off line:
10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58	
18-28. Other: Survey Logs	
Structure Map 1: 4000	Map Well Tabulations
Date Completed	10-18-18 Deepened 1-26-53
(5) Production Depth: 2060-2226 29	
Men Deter 12	
Sig /ine + Birens 4 h	
	1 hrs.
(6) Other Gas Test: /3466	
(7) Avg. Daily Gas from Annual Production: 3466-3	
(8) Avg. Daily Gas from 90-day ending w/1-120 days (8) Line Pressure:	91-37.7 MCFD: no oil
No. 1 in the contract of the c	PSIG from Daily Repo
(5) Oil Production: From Completion 0-17. Does lease inventory indicate	
0-17. Does lease inventory indicate enhanced recovery	being done <u>No</u>
0-17. Is affidavit signed?	Notarized? 11/17/2023
oes official well record with the Department confirm t	he submitted information? yes
as Danier i di	ogram confirm?
By Whom?	-
	F

JUL 31 1981

DATE:\_\_\_\_

FORM	IV-	56WC	
(Reve	rse	)	
112-7	81	,	

Describe the search made of any records listed above:

A well by well review of production records, test data and drilling records was made by company personnel. When required for further substantiation, other records were examined.

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, James R. Cramblett , 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.

James R. Camblett

STATE OF WEST VIRGINIA,
COUNTY OFKanawha, TO WIT:
I, Lorene Miller , a Notary Public in and for the state and county aforesaid,
to certify that James R. Cramblett, whose name is signed to the writing above, bearing date
the 22nd day of June . 1987, has acknowledged the same before, me, in my county aforesaid.
Given under my hand and official seal this 22nd day of
My term of office expires on the 5th day of March, 1989.
11/17/2023

Louis Public Meller

[NOTARIAL SEAL]

FORM IV-56WC [12-78]

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

Date_	Jı	ıne	22		_, 1	9 81	
Opera: Well	No.	Wil	son	Coal	50	-782	
API W	ell 47		099		- F	0598	

## WELL CLASSIFICATION FORM

STRIPFER GAS WELL

NGPA Section 108

	110111		
		DESIGNATED AGENT_	James R. Cramblett
			P. O. Box 628
			Charleston, WV 25322-
FIL OPERATOR	Cabot Oil & Gas Corporation	LOCATION: Elevati	ion 831.71
ADDRESS	P. O. Box 628 Charleston, WV 25322	Watershed	County Wayne Quad. Naugatuck
GAS PURCHASER	Tennessee Gas Pipeline Co. P. O. Box 2511 Houston, TX 77001	Meter Chart Cod	R0002 t8/17/79

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.)

"SEPARATE SHEET ATTACHED"

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:

Production Records and Royalty Payment Records - Houston, Texas

Business and Occupation Tax and Ad Valorem Tax Records - Boston, Massachusetts

Well Test Data and Drilling Records

- Charleston, West Virginia

CABOT CORPORATIO
------------------

# X INDUSTRIAL GAS CORPORATION

# REDUCING WELL INVENTORY LIST

Wilson Coal Land Co. Well No. 50	Serial No. 782
County Wayne District Lincol	n Formation Lime- Maxton
County_Wayne	
Casing: 314' of 10 Inch.	
1140' of8_ Inch.	
1361' of7_ Inch.	
Packer - kind: Oilwell	Angkor Hookwall
Tubing - Delivery size: 3" - 21Щ	
Casinghead equipment of Christmas Tree: Consisting of: (Std. unless unic Standard	que to industry)
Enhanced Recovery Techniques - equipment or methods within last twen  A. Bailing No Type o  Frequency within last twenty-	f Machine
No. True St	ize Installation Date
B. Plunger No Type Si	
C. Fracturing within last two ye	ears No Date
Lease or Production Equipment	
Separator Yes X No	Type
Tanks Yes X No	Size
Flow Lines (Size)2"	PlasticSteelX
Prepared at:	
Charleston Offic	Pineville Sissonville
Glasgow	Grantsville
Danville	Oak Hill
X Wayne	Oak HIII



## State of Mest Mirginia Department of Mines Gil and Gas Division Charleston 25305

BEFORE THE OFFICE OF OIL AND GAS OF THE DEPARTMENT OF MINES OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE APPLICATIONS )
OF CABOT OIL AND GAS CORPORATION )
REQUESTING CLASSIFICATION UNDER )
SECTION 107 OF CERTAIN WELLS IN )
BOONE, KANAWHA, LINCOLN, LOGAN )
AND WAYNE COUNTIES, WEST VIRGINIA,)
AS DEVONIAN SHALE WELLS. )

CAUSE NO. 26

ORDER NO. 5-2

#### REPORT OF THE OFFICE

This cause first came before the Administrator of the Office of Oil and Gas on December 3, 1981, at 1:00 p.m., in the First Floor Conference Room, 1615 Washington Street, East, Charleston, West Virginia, and upon applicant's request was continued April 14, 1982, at 10:00 a.m., in Conference Room C, Capitol Conference Center, Charleston, West Virginia, after giving notice of hearing as required by law on the applications of Cabot Oil and Gas Corporation for classification of a group of wells drilled prior to November 1, 1979, in Boone, Kanawha, Lincoln, Logan and Wayne Counties, West Virginia, as Devonian Shale wells under Section 107-(c)-(4) of the Natural Gas Policy Act.

#### FINDINGS OF FACT

- 1. Applicant is an operator within the meaning of paragraph 16 of Chapter 22-4-1-(w).
  - 2. Applicant has made filings for certification pursuant to Rule 34.04.
- 3. The Natural Gas Policy Act (NGPA) in Section 107. Ceiling Price for High-Cost Natural Gas--in (c) Definition of High-Cost Natural Gas--"For purposes of this section, the term "high-cost natural gas" means natural gas determined in accordance with Section 503 to be....(4) produced from Devonian Shale."
- 4. The Federal Energy Regulatory Commission (FERC) by Rule 272.101-(c) prescribes the method by which the jurisdictional agency may determine gas produced from the Devonian Shale.
- 5. The applicant proposed to qualify forty-four (44) wells that were drilled prior to November 1, 1979, as Devonian Shale completions by regulation 272.101-(c).

- 6. Applicant established seven (7) groups of wells for which one (1) Gamma Ray log was presented for analysis. For each reference well the Gamma Ray index computation was made showing the non-shale section to be less than five percent (5%) of the Devonian Age interval penetrated. The geological witness stated that each well in each group would have a comparable Devonian section to the reference well.
- 7. The witness further explained certain sections of the Gamma Ray log that had abnormal readings did not represent grain size, but rather reflected radioactive components of the rock.
- 8. Of the seven (7) Gamma Ray Logs analyzed, the disqualifying lithology ranged from 0.0% to 1.6%.
- 9. A cross-section from West to East (A-A') across the area from Wayne to Boone Counties shows the same general characteristics, i.e. the gray shales near the top of the section with little or no radiation deviation grading to brown with depth and greater deviation caused by increased amounts of radioactive material.
- 10. The witness, a geologist, stated neither color nor radiation change appeared to reflect a change in grain size.
- 11. A cross-section from North to South (B-B') across the area from Kanawha to Logan Counties shows the same general characteristics, i.e. the gray shales near the top of the section with little or no radiation deviation grading to brown with depth and greater deviation caused by increased amounts of radioactive material.
- 12. Gases produced from the entire Devonian section are both gray and brown shales.
  - 13. Applicant requested withdrawal of well No. 47-043-0953.

#### CONCLUSION OF LAW

- 1. That due notice of the time, place and purpose of the hearing has been given in all respects as required by law.
- 2. That pursuant to Chapter 22, Article 4, Code of West Virginia, of 1931, as amended, the Office has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

#### ORDER

It is Ordered the wells tabulated are found to be capable of producing from the Devonian Shale and are classified as Section 107 wells.

GROUP I	Log No. 47-099-1697 as Exhibit No. 3 1% Non-Shale
47-099-0043	47-099-0598
47-099-0341	47-099-0961
47-099-0342	47-099-1274
47-099-0490	47-099-1490
47-099-0561	47-033-1430
055 0501	
GROUP II	Log No. 47-099-1757 as Exhibit No. 4 1.6% Non-Shale
47-099-0869	
47-099-1273	
47-099-1288	
., 633 1266	
GROUP III	Log No. 47-043-1637 as Exhibit No. 5 0.14% Non-Shale
47-043-0954	
47-099-0359	
47-099-0417	After the first of the second
47-099-0485	Also has Core Analysis Study - Exhibit No. 6
	man sole imalysis seady - Exhibit No. 0
GROUP IV	Log No. 47-005-1342 as Exhibit No. 7 0.1% Non-Shale
47-005-0673	47-043-0183 47-045-0166
47-005-0675	47-043-0166
47-005-0676	47-043-1110
47-005-0808	47-043-1110
47-005-0809	
47-005-0924	47-043-1171 Three (3) other wells in the area 47-043-1405
47-005-1009	
., 503 1003	47-043-1409 have qualified as 107.
GROUP V	Log No. 47-045-1074 as Exhibit No. 8 0.0% Non-Shale
47-045-0009	
47-043-0009	
GROUP VI	Log No. 47-005-1360 as Exhibit No. 9 0.2% Non-Shale
47-005-0044	47-005-0847
47-005-0371	47-005-0851
47-005-0505	47-005-0862 This group also used Log No.
47-005-0842	47-005-0875 47-005-1349 as Exhibit No. 10 - 0%
GROUP VII	Log No. 47-039-3749 as Exhibit No. 11 0.0% Non-Shale
47-039-1775	
47-039-1895	
47-043-1186	

The Office of Oil and Gas further incorporates the Report of the Office and the Findings of Fact and Conclusion of Law dated April 14, 1982, as if the same were fully set forth and includes hereto the Report of the Office and Findings of Fact and Conclusion of Law as a part of this Order.

Entered this 8th day of June, 1982.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

OFFICE OF OIL AND GAS
OF THE DEPARTMENT OF MINES
OF THE STATE OF WEST VIRGINIA

Bv:

Thomas E. Huzzey, Administrator

1.0 API well number: (If not available, leave blank. 14 digits.)	Printer Management of the Printer of	47_ 099 _ 0598-D			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)		107 Section of	NGPA	N/A Category Co	de
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	de transit desait desait		3035	feet []	E MINET
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name	Oil & Gas Box 628 eston	Corporati	WV 2532 State Zip Cod	arrange .
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Linco Field Na Wayne County			WV State	
(b) For OCS wells:	Area Nar	N / Date of Le Mo. Day	ase:	Block Numb	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Wilso	n Coal 50-7	82		
¹ (d) If code 4 or 5 in 2.0 abbre, name of the reservoir: (35 letters maximum.)		 N/	A		
6.0 (a) Name and code number of the - purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Tenne Name	ssee Gas Pi	peline Com	ıpany	Ö18629 Buyer Code
(b) Date of the contract:	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		0 8 1 7 Mo. Day	Company of the Compan	•
(c) Estimated annual production:			17.5	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.)	110% of	#2 Fuel Oil			•
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	130% of	#2 Fuel Oil			
9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency  OCT 131981	James Name Signature	R. Cramblet	n Dled	Regional Drilling Title	Manager & Prod.
Date Received by FERC		13, 1981 cation is Complete		(304) 344-8355 Phone Number	

PARTICIPANTS:	DATE: FFD 12 1000	
WELL OPERATOR:	and A.I.I.	BUYER-SELLER CO
FIRST PURCHASER: 7	n no corp	060728
OTHER:	innessee Gas Pipeline Co.	
STORY THE CONTROL OF MICH. OF MICH. STORY THE CONTROL OF MICH.	The control of the state of the control of the cont	018620
W. Va. Department of Mines, Oil WELL DETERMINATION FILE I		The second secon
8/10/3-102099=	0599n	
Above File Number on all C		
Relating to Determination of th	nis .Well	
CHECK EACH T	TEM AC CO	
ITEM NO.	TEM AS COMPLETE OR NOTE WHAT IS MISSING	
- LRC -121		
2. IV-1 Agent	James P. C. All S.C	1+7.0
3. IV-2 Well Permit	James R. Cramble	+
4. IV-6 Well Plat	The second secon	The state of the s
5. IV-35 Well Record	Drilling Deepen  as Only Was Oil Products	
6. IV-36 Gas-Oil Test: √Ga	Drilling Deepen as Only Was Oil Produced?  years	ing V
7. IV-39 Annual Production	Was Oil Produced?	Ratio
8 - TV 10 00 :		
	112vc off 1:	- Company of the Comp
17. IV Form 51 52 52	ertification. Complete?	
1. 101m J1 - J2 - J3 - 1	54 - 55 - 56 - 57 - 58 Complete? / A	ffidavit Signed/
Zo. Other: Survey	Logs Geological Charts	
Gas Analyses	P 1: 4000 Map Well Ta	
(5) Date commenced: 8 - 11	- 48 Date completed 10-18-48 Deepe	14-55 ened $1-26-55$
	2079-94, 2226-2602	
	Birtet Berea, Br. Shale	American de la Company de la c
(5) Final Open Flow:		
(5) After Frac. R. P.	282 # 141 hrs.	•
(6) Other Gas Test:		
(7) Avg. Daily Gas from Annu		
	day ending w/1-120 days	Militarings
(8) Line Pressure:		PSIG from Daily Repo
	From Completion Report	
	dicate enhanced recovery being done NO	
	Notarized?	44/47/0000
	the Department confirm the submitted informat	
itional information		
Determination Objected to	By Whom?	
		5

Operator's Wilso API Well

# WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE NGPA Section 107

	NGPA Section 107
WELL OPERATOR Cabot 0il & Gas Corp.  ADDRESS P. O. Box 628  Charleston, WV 2532.  GAS PURCHASER Tennessee Gas Pipelin  ADDRESS P. O. Box 2511  Houston TX 77001  * * * * * * *  Date surface drilling began: Augus	LOCATION: Elevation 831.71'  Watershed N/A  Dist.Lincoln county Wayne Quayore Contract No. GSC140  Meter Chart Code N/A  Date of Contract 8/17/79  * * *
Indicate the bottom hole pressure of t	St 11, 1948  the well and explain how this was calculated:
P7 T	= 190.7 = 86° PSIA
	= .69 BHP = 203.3

= .69 = 2628

state that, the well is producing natural gas produced from the fractures, mi generally found in the subsurface of the Appalachian Basin and in the surface and bedding planes of shales deposited during the Paleozoic Devonian Period a generally found in the subsurface of the Appalachian Basin and in the surface 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 defined as that shale stratigraphic interval that lies between the base of the Onondaga limestone formation or its chert equivalent, the top of the Hunte As shown by the Dertinent nortion of the namma ray log a the Onondaga limestone formation or its chert equivalent, the top of the Hunte group of carbonates. As shown by the pertinent portion of the gamma ray log a equal to or less than the five percent (5%) of the gross Devonian age producing which is inconsistent with a conclusion that the well qualifies as a high-cost

STATE OF WEST VIRGINIA, Geologist Gelfard COUNTY OF Kanawha, TO WIT: I. Lorene Miller

do certify that James R. Cramblett whose name is signed to the writing above, bearing date \_\_\_, a Notary Public in and for the state and county aforesai the 13th day of October aforesaid. , 19<u>87</u>, has acknowledged the same before me. In my county

Given under my hand and official seal this  $13th_{\rm day}$  of  $\underline{\phantom{0}}$  October My term of office expires on the  $5th_{\rm day}$  of  $\underline{\phantom{0}}$  March  $\underline{\phantom{0}}$  . 19

11/17/2023

[NOTARLAL SEAL]

Crooked on copy

Nell No. Wilson Coal 50-782

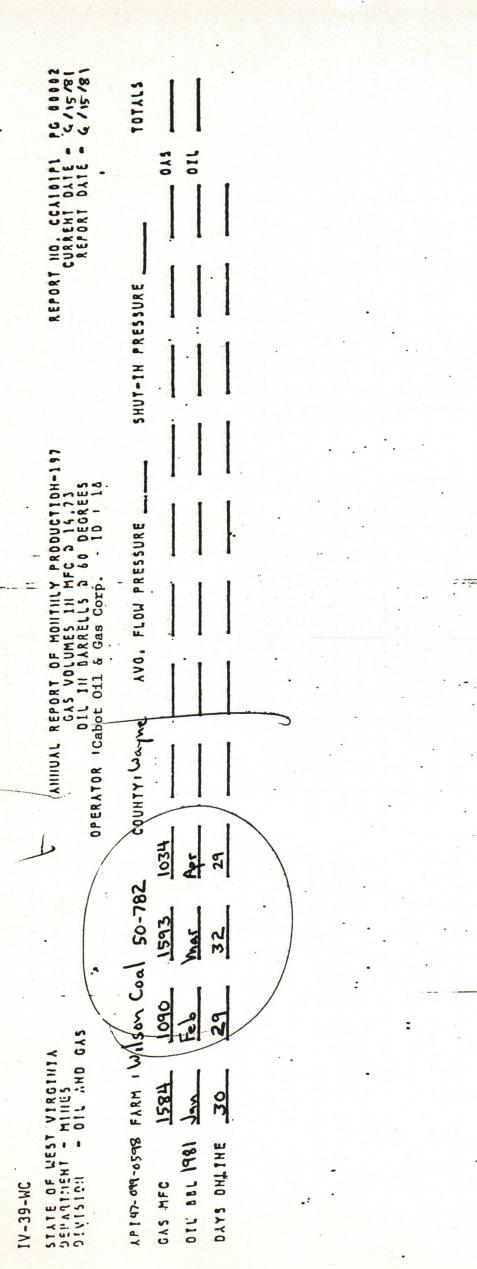
API Well - 099 - 0598 No. 47 - County Perm

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. N/A (IF Applicable)

WELL OPERATOR Cabot UIL & Gas Corporation	on DESIGNATED AGENT James R. Cramblett
ADDRESS P. O. Box 628	ADDRESS P. O. Box 628
Charleston, WV 25322	Charleston, WV 25322
Gas Purchase Contract No. GSC140 a	nd Date 8/17/79 (Month, day and year)
Meter Chart CodeN/A	(Month, day and year)
Name of First Purchaser Tennessee Gas F	Pipeline Company
P. O. Box 2511	
HOUS CON .	or E. O. Box, 77001
000739	(State) (Zip Code)
FERC Seller Code 000728	FERC Buyer Code 018629
TYPE OF DETERMINATION BEING SOUGHT:	107 N/A
(1) Initial determination (See FERC Form 1) (2) Determination that increased production	
recovery technology.	
(3) Determination of a seasonally affected	Well. Regional Manager  James R: Cramblett Drilling & Production
	Name (Print)
* * *	Signature
	VP. O. Box 628
	Street or P. O. Box
	Charleston WV 25322 City State (Zip Code)
	304) 344–8355
	Area Phone Number Code
, and a second second	Code
(Certificate of Proof of Service to Purchaser)	
"STATEMENT ATTACHED"	
	4
(All of the above to be completed by the Operato	or/Applicant)
(To be completed by Jurisdictional Agency. Exec	cuted copy to be returned to Operator/Applicant and
The Department of Mines has receive	red a request, for certification of the above described
(NCDA). I for for determination that increased	under the Natural Gas Policy Act of 1978, production is the result of enhanced recovery technology nation of a seasonally affected well under Section 108 of (NG
All interested parties are hereby noti the office of the Oil and Gas Division in Charle be heard there will be a public hearing, if requ	eston, West Virginia, or as soon thereafter as it may
This Application is assigned File No.	
entitled to certification as claimed under the N	d indicates the well [ ] is, [ ] is not atural Gas Policy Act (NGPA). A review of this evidence time appointed for a public hearing or as soon thereafter
Unless objections are timely filed or	a request for a hearing is made within fifteen (15) rte motion of the department and the matter will
	WEST VIRGINIA DEPARTMENT OF MINES
1	
	Director
OCT 13 1981	By 16 Minself
ate received by	Tinle 9 6/10 000
urisdictional Agency	Title V

11/17/2023



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

11/17/2023

IV-39-WC

STATE OF WEST VIRGINIA
SEPARTHENT - MINES
SEVISION - OIL AND GAS

·.··

AHHUAL REPORT OF MOHTHLY PRODUCTIOH-197
GAS VOLUMES IN MFC 3 14.73
OIL IN DARRELLS 3 60 DEGREES
OPERATOR 'Cabot O11 & Gas Corp. ID 1 18

REPORT HO. CCALOIF 20 16 60602 CURRENT DATE 7 4682 REPORT DATE 7 16182

GAS MFC DIL BBL API 099-0598 FARM I WILSON GAL 50-982 COUNTY! WAYNE AVO. FLOW PRESSURE 43 DAYS OHLINE 30 1090 7593 1034 804 Jum 1397 SHUT-IN PRESSURE 699 774 848 OXS TOTALS

DEPT. OF MINES

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