

DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

0. J. Spurlock	OWENS, LIBBEY-OWENS GAS DEPARTMENT
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
P. O. Box 9027	P. O. Box 4158, Charleston 4, W. Va.
ADDRESS	COMPLETE ADDRESS
Huntington, W. Va.	November 19, 19 57
COAL OPERATOR OR COAL OWNER	
	PROPOSED LOCATION Union
ADDRESS	District
Same	Wayne
OWNER OF MINERAL RIGHTS	dat 38° 20
	Well No. 1 (Serial No. 987) Ra. 82° 23
ADDRESS	O I Spunlock
ENTLEMEN:	0. J. Spurlock Farm
	Il uman the character of females and the state of the sta
	ll upon the above named farm or tract of land for
l and gas, having fee title thereto, (or as the case management 22, 1952	ay be) under grant or lease dated
, made by	
wens-Illinois Glass Co. & Libbey-Owens-Fo	ord Glass Co., and recorded on the lst day
September, 1953	the office of the County Clerk for said County in
pok 43 page 343	
be drilled for oil and gas by the undersigned well ope	ngineer and shows the proposed location of a well
nd county above named, determined by survey and count marks. The undersigned well operator is informed and be	purses and distances from two permanent points, or
nd marks.	elieves there are no coal operators operating beds d well is located, or within 500 feet of the bounded filed their maps as required by law excepting the
The undersigned well operator is informed and be coal beneath said farm or tract of land on which said ies of the same, who have mapped their workings an al operators or coal owners (if any) above named as	elieves there are no coal operators operating beds d well is located, or within 500 feet of the bounded filed their maps as required by law, excepting the addressees. any) are notified that any objections they may are required to make by Section 3 of said Code, if a dangerous condition in or about their respectivement 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 definitely as is reasonably possible the ground or
The undersigned well operator is informed and be coal beneath said farm or tract of land on which said ies of the same, who have mapped their workings an al operators or coal owners (if any) above named as a The above named coal operators or coal owners (if sire to make to such proposed location, or which they e drilling of a well at said proposed location will cause al mines, must be received by, or filed with the Departm copy of this notice and accompanying plat by said Depart forms for use in making such objections will be fur a request and that all such objections must set forth as ounds on which such objections are based and indicate the moved to overcome same.	elieves there are no coal operators operating beds d well is located, or within 500 feet of the bounded filed their maps as required by law, excepting the addressees. any) are notified that any objections they may are required to make by Section 3 of said Code, if 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 definitely as is reasonably possible the ground or e direction and distance the proposed location should
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The undersigned well operator is informed and be coal beneath said farm or tract of land on which said es of the same, who have mapped their workings an all operators or coal owners (if any) above named as a The above named coal operators or coal owners (if sire to make to such proposed location, or which they expected a well at said proposed location will cause all mines, must be received by, or filed with the Departm copy of this notice and accompanying plat by said Depart forms for use in making such objections will be fur request and that all such objections must set forth as bounds on which such objections are based and indicate the moved to overcome same. (The next paragraph is to be completed only in Copies of this notice and the enclosed plat were moved coal operators or coal owners at their above sho on the same day with the mailing or delivery of the	elieves there are no coal operators operating beds d well is located, or within 500 feet of the bounded filed their maps as required by law, excepting the addressees. any) are notified that any objections they may are required to make by Section 3 of said Code, if 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 raished to them by the Department of Mines promptly definitely as is reasonably possible the ground or the direction and distance the proposed location should be Department's copy.) Tailed by registered mail, or delivered to the above own respective address. The direction and distance the Department of Mines at Charleston,
The undersigned well operator is informed and be coal beneath said farm or tract of land on which said es of the same, who have mapped their workings an all operators or coal owners (if any) above named as a The above named coal operators or coal owners (if sire to make to such proposed location, or which they edrilling of a well at said proposed location will cause all mines, must be received by, or filed with the Departm copy of this notice and accompanying plat by said Department forms for use in making such objections will be fur request and that all such objections must set forth as sounds on which such objections are based and indicate the moved to overcome same. (The next paragraph is to be completed only in Copies of this notice and the enclosed plat were med coal operators or coal owners at their above sho on the same day with the mailing or delivery of the est Virginia.	elieves there are no coal operators operating beds d well is located, or within 500 feet of the bounded filed their maps as required by law, excepting the addressees. any) are notified that any objections they may are required to make by Section 3 of said Code, if a dangerous condition in or about their respective the first of Mines within ten* days from the receipt of partment. Said coal operators are further notified raished to them by the Department of Mines promptly definitely as is reasonably possible the ground or the direction and distance the proposed location should be department's copy.) The partment's copy.) The partment's copy.) The partment of Mines at Charleston, and could be partment of Mines at Charleston, and copy to the Department of Mines at Charleston,
The undersigned well operator is informed and be coal beneath said farm or tract of land on which said ies of the same, who have mapped their workings an all operators or coal owners (if any) above named as a The above named coal operators or coal owners (if sire to make to such proposed location, or which they e drilling of a well at said proposed location will cause all mines, must be received by, or filed with the Departm copy of this notice and accompanying plat by said Depart forms for use in making such objections will be full request and that all such objections must set forth as ounds on which such objections are based and indicate the moved to overcome same. (The next paragraph is to be completed only in Copies of this notice and the enclosed plat were moved coal operators or coal owners at their above shown the same day with the mailing or delivery of the set Virginia. Very trulements of the country of the same day with the mailing or delivery of the set Virginia.	elieves there are no coal operators operating beds d well is located, or within 500 feet of the bounded filed their maps as required by law, excepting the addressees. any) are notified that any objections they may are required to make by Section 3 of said Code, if 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 definitely as is reasonably possible the ground or e direction and distance the proposed location should a Department's copy.) The definite of Mines at Charleston, the proposed to the above own respective address. The definite of Mines at Charleston, the proposed to the Department of Mines at Charleston, th
The undersigned well operator is informed and be coal beneath said farm or tract of land on which said ies of the same, who have mapped their workings an all operators or coal owners (if any) above named as a The above named coal operators or coal owners (if sire to make to such proposed location, or which they e drilling of a well at said proposed location will cause all mines, must be received by, or filed with the Departm copy of this notice and accompanying plat by said Depart forms for use in making such objections will be fur request and that all such objections must set forth as ounds on which such objections are based and indicate the moved to overcome same. (The next paragraph is to be completed only in Copies of this notice and the enclosed plat were moved coal operators or coal owners at their above sho on the same day with the mailing or delivery of the set Virginia.	elieves there are no coal operators operating beds d well is located, or within 500 feet of the bounded filed their maps as required by law, excepting the addressees. any) are notified that any objections they may are required to make by Section 3 of said Code, if a dangerous condition in or about their respective tent of Mines within ten* days from the receipt of partment. Said coal operators are further notified mished to them by the Department of Mines promptly definitely as is reasonably possible the ground or a direction and distance the proposed location should be Department's copy.) Tailed by registered mail, or delivered to the above own respective address. The Department of Mines at Charleston, ly yours, OWENS, LIBBEY-OWENS GAS DEPARTMENT

*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.

1062

WAY-1062 PERMIT NUMBER



DEPARTMENT OF MINES

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

O. J. Spurlock CON OPERATOR OF COAL OWN P. O. BOX 9027 ADDRESS COAL DESIGNED COAL OWN ADDRESS
P. O. Box 9027 ADDRESS Huntington, W. Va.
ADDRESS AND TON, W. VS.
ADDRESS Huntington, W. Vs.
HWO JADJ BU HOTARISU JAON
HWO JADJ BU HOTARISU JAOT
seangas
of and gas, having fee title thereto.
August 22, 1952
Owens-Illinois Glass Co. &
September, 1953
Eds 343
entre to make to such proposed located interposed out interest proposed out interest proposed out interest proposed out interest proposed out of the notice and accompany that forms and the request and that all such objections are reunds on which such objections are convenience same.
amed coal operators or coal owners con the same deviville the matti- less Virginia
00110100
08/18/20

Formation	Color	Hard or Soft	Top 12	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	White	Soft	800	847	Water test	847', 1/2 B	.P.H.
Sand	White	Med.	847	868			
Slate	Dark	Soft	868	902	Water test	THAT PERE	The state of the s
Sand	Light	Soft	902	912	Lumana and a		
Slate	Light	Soft	912	961	Water at 0	Eli o d b s	
Sl. & Shls.	Dark	Soft	961	986			
Sand	Light	Med.	986	995	Oil show a	- 10001	
Salt Sand	White Dark	Med. Soft	995 1039	1039	OTT SHOW S	1000	
S1. & Shls. Sand	Light	Med:	1085	1117			
Slate Slate	Dark	Soft	1117	1145			
Sand	Light	Med.	1145	1198	Macer pers	gaget Rock-	end 2-1/2 B.P.H.
Settling Sa		Med.	1198	1208		208', hole f	
Water Sand	Light	Med.	1208	1238			
Salt Sand	Light	Med.	1238	1289		The same of	
Slate	200	Soft	1289	1295		1 430° at 12	95
Slate,	HJOGA	SCTU	380	3/2	Hole cavin		
Slate Bro	Dark	Softq	1295	1306		1 325' at 13	06'
81.808	LAULES SEE	5024	500	580	Hole cavin	g badly	
Lime Hogyd	Dark	Hard	1306	1322			
Lime	Light	Hard	1322	1339	A PROPERTY.		
Sand	Light	Hard	1339	1367		1	
Red Rock	Red	Soft	1367	1370	1		once on the
Lime	Light	Hard	1370	1378 1381		se leT', 2	shoe at 196'
Red Rock Slate	Red	Soft Soft	1378 1381	1397	101 44 + 44+	2677 0	
Lime	Dark	Hard	1397	1413	MODEL SE I	o's P.P.F.	
Red Rock	Red	Soft	1413	1418	The second of	11-2-4-	
Lime	Light	Hard	1418	1455	1-17-58 Ra	n 8-5/8" cas	ing on shoe at
Red Mad	Hed Ma	core	0	70	14	48'8". Pull	ed casing.
Slate	Light	Soft	1355	1458	Cleaning ou	t and reamin	g hole.
Big Lime	White	Hard	1458	1552	Hole caving		promise and the
		3,00 #4			THE RESIDENCE OF STREET, SAN ASSESSMENT OF S	325' at 1493	the transfer of the second section of the second second second second second second section in the second s
	0, 1 #2#1	F. CO.		Sale Wulder	SIM 1552 =	Sand IM 1550	
	OF WELLER A.	REVINERA			Water 1538-	1543', 7-1/2	gal per hour
Big Lime	Light	Hard	1552	1624			
Grey Injun	Grey	Soft	1624	1664			
Grey Injun	Grey	Soft	1664 1741	1741 1749			
Slate Shas.	Light	Soft	1749	1828	Water incr	Dage at 1780	, 40 gal. per hr
DT. og DITMP.	mgno	2010	1149	1020	STM 1828 =	Sand IM 182	7
Sl. & Shls.	Grey	Soft	1828	1890		r. test, 27-	profile and the second control of the second
Sl. & Shls.	Light	Soft	1890	2059	HEGOGOTT BECKE	Value of the last	The same
Slate	Light	Soft	2059	2192			
Sl. & Shls.	Light	Med.	2192	2226			
Slate	Light	Soft	2226	2241	以 (10 年 10 日	Ma.	Par Date
Brown Shale	Dark	Soft	2241	2266			
Berea	Light	Hard	2266	2290		Sand IM 227	
leate office and	5.0	1		Dimens pasqu		30 gal. pe	r hour
Taxantus Combiner	7.58	3001	2738		Hole baile	THE RESIDENCE OF THE PROPERTY OF THE PARTY O	
G3-+-	72-34	G-At	0000	0006	Oil show a	£ 5515.	T. Parkey av
Slate	Light	Soft	2290	2296	Reamed hol	[2355'5" P	1 2010
Shells	-	Asarone Hurti	2296	2303	THE RESERVE OF THE PARTY OF THE	ter test 21	rol hm
	e-owner by	paus		Se Maria		ter & reamin	
		Address		F 7 5/3"		ole bailed d	
	act hitoward	am planting		14 7 4 T.		Sand IM 230	
Marries - Un	100	GRANTA NEWS	6	100000000000			tone to 2291!
Well No - 1	crisl Ho.	3011	C. 451. 333 - 50	10			rom 2275-2291'
Logation Cartles		ACO.		2000			om 2275-2303
Parks			Toles you		2-24-58 Ba	iling water	cleaning out
0.3	Spurlock		255		2-25-58 Sh	ot bad hole	with 105# Gel.
ъ о	BOX 1155	Charleston	AL W. VA.	Casting and			from 2290-2304'
	3, LIBBRY-	DWENS CAS DE	W.B.W.E.L.				on shoe at 2305'
Cermit No							gel & 60 sacks
Mg	-1062		METT	BECOME	cement p	umped in wit	Halliburton
CONTRACT CA	- CE 9 1 FR				truck.	00/	- 57252

April 23, 19 58

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. Smith (Title) Geologist



DEPARTMENT OF MINES OIL AND GAS DIVISION 12

Quadrangle Guyandotte
Permit No. Way-1062

WELL RECORD

DEPT. OF MINES AND SECULATION OF MINES WINES WIN

Oil or Gas Well Gas

		POP TE	TA DOMESTA	(KIND)
Company OWENS, LIBBEY-OWENS GAS DEPARTMENT P. O. Box 4158, Charleston 4, W. Va. Farm O. J. Spurlock Acres 533	Casing and Tubing	Used in Drilling	Left in Well	Packers
Farm 0. 3. Spuriock Acres 533 Location (waters) Elev. 939.66 District Union County Wayne	Size 16	2-21-50 C	named vir	Kind of Packer "Oilwell" Hookwa
The surface of tract is owned in fee by	10 3/4" 8¼ 5/8"	196'1"	196'1"	Size of 3-1/2 x 7 x 16
Address Same Mineral rights are owned by	X% 7"	2304'11"	2304'11	THE CONTRACTOR OF THE PARTY OF
Box 9027 - Address - Huntington Drilling commenced 12-18-57 Drilling completed 3-20-58	5 3/16 3 1/2"	Oll show	2355'8"	Perf. topPerf. bottom
Date Shot 3-21-58 From 3091 To 2788 With 2900# Detonite	Liners Used	Water 220	ri 3e Bar	Perf. top
710ths Merc. in Inch Volume	CASING CEM	ENTED	SIZE	No. Ft. Date
Rock Pressure 365 lbs. 168 hrs. Oil bbls., 1st 24 hrs.		ENCOUNTEREI	former to	FEET INCHE
WELL FRACTURED	FEE	INC	CHES	FEETINCHE
RESULT AFTER TREATMENT	7000 H			

ROCK PRESSURE AFTER TREATMENT___

Fresh Water 70		Hard or			Oil, Gas Donth Remarks
Formation	Color	Soft	Тор	Bottom	Oil, Gas or Water Depth Remarks
Red Mud	Red	Soft	0	16	law. of Philad casing.
Slate	Red	Soft	16	20	T-II-29 Let 0-2/0 cested on spoe
Slate	Grey	Soft	20	65	
Sand	Grey	Soft	65	152	Water at 70°, 2 B.P.H.
Red Rock	Red	Soft	152	157	
Slate	Grey	Soft	157	197	Water test at 167', 2 B.P.H.
Line	TWEET		7310	1310	Ran 10-/34" casing on shoe at 196
Sand	Grey	Med.	197	201	
Sand	Light	Med.	201	226	
Slate	Light	Soft	226	259	
Red Rockq	Red	Soft	259	266	
Slate	Light	Soft	266	280	ROLE CENTUR DEALS
Sand, Bro.	Light	Soft	280	320	Meter level 325' at 1906'
Slate	Blue	Soft	320	345	Hole caving
Sand	Grey	Med.	345	373	Marer Revel 480' at 12/7.
Slate	Grey	Soft	373	405	
Sand	Grey	Soft	405	434	
Red Rock	Red	Soft	434	439	Water at 1200', hale filling
Sand	Grey	Soft	439	454	Water test after week-end 2-1/2 I
Sl. & Shls.	Light	Soft	454	518	
Lime	Light	Med:	518	528	
Sand	Light	Med.	528	536	
Sand	Light	Soft	536	586	ONT SHOW AN ECOO!
Slate	Light	Soft	586	594	08/18/2023
Sl. & Shls.	Light	Soft	594	649	
Sand	Light	Soft	649	679	Water at 654', 2 B.P.H.
Slate	Light	Soft	679	703	
Sand	Light	Soft	703	774	Water test 748', 2 B.P.H.
Slate	White	Soft	774	800	
Sarial	MITTE	DATE	000	l odl	Margar page out) ma mer eve

(over)

Formation	Color	Hard or Soft	Top 12 A	Bottom	Oil, Gas or Water	Depth Found	Remarks
				or and analysis and distance in the second			ot; approximately of water per hour
					3-21-58 She	ot from 3091 00# Detonite	to 2788 with
						t before she 15 Min.A.S.	590
S)		To	al Depth	300T	Test 2975 Test 3042	1 Hr. " 5 Hrs. " 10 " "	250 147 125
Brown Shall	OLOAU	Bore	5985	3037	Gas 2939 Test 2950	15 " "	101
Slack Shic Ereth Shal Clate*	ingre e seste infant	Soft Soft	2517 2622 2657	2622 2627 2682	3-22-58	an 3-1/2" to	bing on Upside- After tubing was
Cl. Calchie State	Days.	Soft	2437	2437 2999 2917	r al	n, 7" casin out binches	went down hole Did not try to
Si a sina Si a sina	In one In one	Med. Sort	2353 2361	5307	I hr test	To Jos over .	ulled tubing.
Shallo Slate	ING. C	Hard -	2359 2359	23/M 23/51 23/53	3-23-58	an 3-1/2" to	bing on "Oilwell"
Slate Slate	Light Light	Soft Med. Soft	2334	2329	DE 2774	flow: 50 h	er at 2355'8"
Line Slate	Grey Grey	Hard Soft	2306 2300	2310 2313	S PLOT EDUT IN	Shale	71 MCF
					Shut in	at 1:30 P.M.	ent.
Continued 1	com breaks	Soft	100	dsottom to	OIL GAM	po heji	Tremakto
		First or		Sail Water	W 577	1,000	
nocu suman Benerala	AN VELES I	TEAS WENT					
	BED					PER LE	AL TIMES
		200	Diffe, 125 Ed Nos		TALL THE	LOS TEN	DACES TO CHAR
Volume Appropriate		104	Cu. R.	COALSWAS			
	TRUE West	10° 0° .	- Aring	EASING CE	NAME OF THE PARTY	ITSE NO	Pr. Dup.
				, three Brot			of top
				3			er fog
	nie owned pi	A. Adversa		03/10			selpt rep
	that is amount	Magness		10 7 2		Europe P	And the second s
	(script to		No. 939.66	Personal Per			ing of Probus
Address 12.	. Spurlo	ok ok	2 4, W. Va.	innat	Deliber	4.90	Buckets
Combined CM	6, 110		PARTMANT	(68mg 4mg	P Treed in	fall or Cos	A CONTRACT OF THE PARTY.
1,013011 3/0°	2 - 1002		METT	RECOR			18/2023

Date April 23, 19 58 APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner A. H. Smith (Title) Geologist



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION 12 A

Guyandotte

WELL RECORD

Permit No. Way-1062 Oil or Gas Well_ Company OWENS, LIBBEY-OWENS GAS DEPARTMENT Left in Well Used in P. O. Box 4158, Charleston 4, W. Va. Packers Drilling O. J. Spurlock Acres 533 Size Location (waters)____ Well No. 1 (Serial No. 987) Elev.939.66 16 Kind of Packer___ District_____County__ The surface of tract is owned in fee by___ 10_ Size of_ ____Address_ Mineral rights are owned by___ Depth set___ 5 3/16____ Drilling commenced___ Perf. top____ Drilling completed____ Perf. bottom____ Date Shot_____From____To___ Liners Used___ Perf. top____ With___ Perf. bottom____ Open Flow /10ths Water in_____ Inch _/10ths Merc. in____ Inch CASING CEMENTED____SIZE____No. Ft___ Volume __Cu. Ft. lbs.____ hrs. COAL WAS ENCOUNTERED AT_____FEET___INCHES ____bbls., 1st 24 hrs. Oil____ _FEET_ __INCHES__ WELL ACIDIZED FEET_ __FEET___INCHES ___INCHES___ WELL FRACTURED_ RESULT AFTER TREATMENT ROCK PRESSURE AFTER TREATMENT_ Fresh Water_ _Salt Water_ Feet_ Formation Color Top Depth Remarks Bottom Continued from previous page: 3-4-58 Drilling out cement 3-5-58 Testing for water 1 qt oil in 1 hour 3-6-58 Cementing from 2304 - 2306' 3-10-58 Hole bailed dry Lime Grey Hard 2306 2310 Slate Grey Soft 2310 2313 Slate Light Soft 2314 2323 SIM 2314 Shells Light Med. 2323 2329 Slate Light Soft 2329 2346 Shalls Light Hard 2346 2351 Slate Grey Soft 2351 2353 Testing for oil and water 1 hr test; 2 qts oil - 1-1/2 pts water Sl & Shls Light Med 2353 2361 S1 & Shls Light Soft 2361 2437 Sl &nShls 2499 Dark Soft 2437 Slate Light Soft 2499 2517 Sl & Shls Light Soft 2517 2622 Started using Linco at 2602' 2657 Brown Shale Dark Soft 2622 SIM 2637 = Sand IM 2637 Slate Light Soft 2657 2682 Brown Shale Brown Soft 2682 3091 Gas 2939 70 MCF Test 2950 45.7 Total Depth 3091 Test 2975 33.2 Test 3042 25.2 08/18/20232.9

(over)

Test 3079 Gas 3089

Test 3091

24 hours to

Water test: 3 qts in 2 hours

Gas continued to blow down during next

Dried up hole; gas tested

302. 250.

100.

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

OMPANY Owens Li	bby Owens	Gas Dept	• ADDR	P.O. Box Ess Charlest	4168 on 4, W.	Va.	sid fine
arm O. J. Spur	lock	DISTRIC	r Unio	nc	OUNTY Wa	yne	
lling Material Used			2012				armh
ner Loc	ation	Amount		Packer	Location		
PLUGS USED A	ND DEPTH PLACED			BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTR	UCTION-LOCATION	RECOVERED	SIZE	LOST
				- management of the second of the	31 (1)		
Capping and State of the Company of			4			195 - 6.28	n in Smilli
4			THE STATE OF		77		
Perf. top			1				og Wosertii
Terf hotton				Committee of the last	6 (3 (9)),		
Port top						1.120	i, gaga (bii
Post bottom.				doplace as all areas.	1461		
						RECORDED TO	De Roll de
O TY 614	5(X)(0	GET BOILE	1,0,0,81,201,0	河 60			- Jesus
				-18-2	-11-2-2-		uiserii sk
HAMI SOUTH	50-4 PT = 278	0.034.50.50		and the say of the			
					5		
llers' Names				4937			1512(6-1)
marks: Buildi	ng road to	move in	and aba	andon well.			
						718192	021223
					15	61.	1960
					1721374	JAN	EIVED VIRGINIA VIRGINIA COF MINES
						- A E	Alle was

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No.	- Bold Make 	Oil or Gas Well(KIND)				
Company	УТИЛОО В	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS MEAN	
Address		Size			Filling Mareriet Page	
Farm	(C) (N) (N) (N) (N) (N) (N) (N) (N) (N) (N	16	TR.	DESCRIPTION OF THE PERSON OF T	Kind of Packer	
Well No	12 de 172	10	The state of the s	PF-87-30-6173	Size of	
	County	81/4	Mar de conscision de la	3 10 4400 3 10	12.307/11.61-13.13.33	
Drilling commenced		6%			Depth set	
Drilling completed	Total depth	5 3/16			Perf. top	
Date shot	Depth of shot	2			Perf. bottom	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. bottom	
Volume	Cu. Ft.	CASING CEME	ENTED	SIZE	No. FTDate	
Rock pressure	lbshrs.					
Oil	bbls., 1st 24 hrs.	COAL WAS E	NCOUNTER	ED AT	_FEETINCHES	
Fresh water	feetfeet	FEET	IN	CHES	FEETINCHES	
Salt water	feetfeet	FEET	rIN	CHES	FEETINCHES	
Drillers' Names	· John M. John	Charles Car	aven dd	hach ent	in arks:	
Remarks:						

DATE

08/18/2023

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

							terribb.
Liner Lo	cation	Amount		Packer	Location		To the
Size of	AND DEPTH PLACED		04	BRIDGES		G AND TU	-45-W7 (19)
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONST	RUCTION-LOCATION	RECOVERED	SIZE	LOST
190 100 10					235588	3"	0
					208219	7"	222121
Perf/top	6		en e	Man I Had I	14611	81 11	3215"
Perf. bottom			8	3-3-1- Julie	to digati		
Perf. top			eal) amaix	Water in Tech	r6f01		a augo lentin
Perk bottom				Kail storeM	80104	wated La &	dia walk-noo
No. FT.	SERVE	GSTRAINS	CASING C	fil a.v.		11123	458
					0	5 6 6°	960 OG
eanum mara	PALOSES	TATECONSESS	ASSET TRACTS	of 19 for stat	98.72.98 88.72.98	- 2	IVED
					ic.	WEST	TROINIA
Do	nald Ramev						1111
AND THE TEST OF TH				4941			
Ga Remarks: Bottom b	nald Ramey y Meadows ridge @ 2620	0'; rocl	k 26201-	-2580'; clay casing @ 2082	25801-257	0'; r	ock

DISTRICT WELL INSPECTOR
08/18/2023

DATE

ORTHOL WELL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No.		U. I	.aagod			Gas Well	72121722
	ek vivioo		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAC	KERS MYAN
Company	. seld basi	bra Loow	basize errora	, clay,	drighte0	Treatt fair	Filling Mater
Address			Size			Luga d rai	
Farm		10,567	16	tA. A. A. A.	norran	Kind of Pa	cker
CHINGT CUA CH	inan	2370(89	13	ACEB	19 АТЯЗО ОНА	PLUGS USER	UST WITH THE T
Well No	запаусь за ий		10			Size of	CEMENT
District			81/4		a-coew	Manual Services in	A Marine Maria
O u E t	815588					D 11	
Drilling commenced	presos		65/8			_ Depth set_	
			5 3/16				
Drilling completed	Total dept	.h	3			Perf. top_	
Date shot	Depth of shot_		2			Perf. botto	m
			Liners Used			Perf. top_	
Initial open flow	/10ths Wate	er inInch					m
Open flow after tubing_	/10ths Merc	. inInch				Feri. botto	
Volume		Cu. Th	CASING CEME	MARIO	CIZE	N. DO	Data
volume		Cu. Ft.	CASING CEME	NIED	SIZE	No. F1	Date
Rock pressure	lbs.	hrs.					
0.1	3	1. 1. 0. 1.	COAL WAS DW	COLLIMBRA		DEDO	Manea
Oil	DD	ls., 1st 24 hrs.	COAL WAS EN	COUNTEREL) AT	_FEET	INCHES
Fresh water	feet	feet	FEET_	INC	HES	FEET	INCHES
Salt water	feet	feet	FEET_	INC	HES DIENG	FEET	INCHES
76: Tour	1av 25801-25	25901: 6	TOSÁS ABOT	26201;	e agbire	l meddea	l'emarks:
Drillers' Names	100 10100	- D surkace	10000 71	01/5-10/	AC dama	95 - 1032 95 - 1032	25701-2
LOOW DEST 7'E	\$62-18465 of		- beel ma				and OUS
Remarks:	Mul: cemtn 1	17901-17	Appr : 1001	1-10081	velo :	501-180C	rock 18
"4\\I=8 Jub	10051-1018	i Juemen	:10161-106	rock 150	: 10021 s	e beabli	8 .
		•	1-1/4" cas	GHERTH	I A SANGA	r 40 110	Burnen.
					V-14.		1-28-6
1					I hereby cerr	27	
	157 6 18						

DATE

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

The state of the s		as completed 3/10-3/4" casing 8-5/8" "	set at 195'	ented in with 60 s	
man for books against the first time and the	mante line to head	3-1/2" tubing	" " 2355¹ (H	ookwall Packer)	
ston 4, W. Va.		Total Depth Shot hole Shot bad hole Shot bad hole	2291 - 2275	P. O. Ber 90	
Pull 3-1/2" tub	The second of the second		Open hole to	0 1290	
Rock bridge			Rock bridge	1280 - 124)
Clay	2580 - 2570		Clay or mud		
Rock	2570 - 2560	1/0:	Rock	1190 - 118	
Cement	2560 - 2550 2-	1/2 bags	Cement	1185 - 117	
Rip 7" casing a		W	Open hole to	0 725	bags
	d of how much ce t of pipe. No i		Rock bridge	725 - 685	
	de by shooting b		Clay or mud		
	een 2304 and 229		Rock	635 - 630	
bags of cer	ment ordinarily e 7" casing and	would fill	Cement	630 - 620	5-1/2 bags
	600 feet. Sugge		Open hole to	0 250	
	2100, then at 20		Rock bridge	250 - 210	
	at 30 or 60 foo		Cement	210 - 200	
Assuming 7" cas:	ing is pulled at	1850:	Pull 10-3/4	casing at 195	
Rock bridge	1850 - 1800		Rock and muc	d 200 - 100	
Clay or mud	1800 - 1790			100 - 50	
Rock	1790 - 1780		Rock	50 - 40	
Cement	1780 - 1770 3-	1/2 bags	Cement		
Open hole to 15		Larab Aditino Il Iliv	Rock & mud	to surface.	bags
Rock bridge	·	1/0 hour	Erect 2' x 2	2' x 3' Concrete Mo	nument
Pull 8-5/8" cas:	1510 - 1500 3-1 ing at 1493 ft.	1/2 bags		nt "0.L.O. 987"	
To the Departme	nt of Mines		A AN INV HOUSE	to would but animal	

Gentlemen:

Coal Owner or Operator, Lease or Property Owner.

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,
OWENS, LIBBEY-OWENS CAS DEPARTMENT
By
A. H. Smith, Mgr. Land, Eng. Well Operator. & Geol.

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved that

8thday	of	JANUARY	good at both	19	60
--------	----	---------	--------------	----	----

DEPARTMENT OF MINES
Oil and Gas Division

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.



DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

To The Department of Mines, Charleston, W. Va.

0. J.	Spurlock	OWENS, LIBBEY-OWENS GAS DEPARTMENT
Coa	Operator or Coal Owner	Name of Well Operator
P. 0.	Box 9027, Huntington, W.	Va. P. O. Box 4168, Charleston 4, W. Va.
	Address - 0.22	Complete Address
	Oyen hole to 12,0	January 7, 19 60
Coa	l Operator or Coal Owner	WELL TO BE ABANDONED
1103 - 1118 Corr - 6577	Pock Sament	Union District
	Address	Wayne .ITM Das males County
725 - 635	Same 170 1007	_ onin to sobi ofouig to Joo balling
€80 = €80 L	ease or Property Owner	Well No. 1 (Serial No. 987)
630 - 620	Address	O. J. Spurlock Farm
Inspector to be	Open incle to 250	CK, HAMLIN, WEST VIRGINIA
Gentlemen:	Paris 10-3/4" cosin	TN ADVANCE OF PLUGGING DATE

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,
OWENS, LIBBEY-OWENS CAS DEPARTMENT

By
A. H. Smith, Mgr. Land,
Engrg. & Geol.

08/18/2023

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a registered engineer, showing the district and counts in which the tract of land is located, the name and acreage of same, the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

NOTE: In case plugging is not commenced within four months from the above date, this permit shall expire and be of no further force or effect.

Lead Plug	2350						
Rock	2348	2330					
Rock	2330	2323		PAO TIVATI			
Lead Wool	2323	2320					
Rock	2320	2317					
All gas shut off.							
POWERS CAS INCREMENTS		OMEN			0. J. Spurlock		
Pulled 7" casing at	208219						
8, Charleston 4, W. Va.	. Box kl	0 .1	Va.	luntington, W.	P.O. Box 902/, 1		
Rock Bridge	1850	1800					
Clay or Mud	1800	1790					
Rock	1790	1780					
Cement	1780	1770	(31 sac	ks)			
Open hole to 1570				Sage			
Titto F. Company and Maria	OLI Givil			A STATE OF STREET			
Rock Bridge	1560	1510	(-1				
Cement	1510	1500	$(3\frac{1}{2} \text{ sac})$	ks)			
Pulled 8-5/8" casing	at 1489	4.0					
Open hole to 1290		and a series					
Dook Project	1280	1240					
Rock Bridge Clay or Mud	1240	1190					
Rock	1190	1185					
Cement	1185	1175	(5½ sac	ks)			
Open hole to 725			-				
	00.000	(00		vea all	£LsnoG		
	725 685	685					
Clay or Mud							
Cement		620					
Open hole to 250			The state of the s		was constituted and the		
open noze vs ->				10,10887,034			
Rock Bridge	250	210	1-1	THE PART OF THE PARTY OF			
Cement	210	200	$(5\frac{1}{2} sac$	eks)	TO CHOCKE LINES OF STREET		
Pulled 10-3/4" casis	ng at 196	.1.	4	************			
Dania and 14.3	200	100		1301 5	10-3/4" easing set s		
Rock and Mud Clay or Mud	100	50		र १५७३	8-5/0° casing set a		
Rock	50	22088 10	nithu be	t 230, cecent	T cesing set a		
Cement	40	30	(71 sa	cks) (1) 2289 J	3-1/2 tabing set a		
Rock & Mud to surfa	ce			3021	Total depth		
				3091 - 2788	Shot hole		
				2271 - 2275	Shot bed hole		
				4088 - 0888	Shot bad hole		
				ins 2355	Pulled 3ht tub		
				0.11			
		2580	2520	02%	Rock Bridge		
			2580		Clay.		
			61/52		Rocs		
			250	2 caeks	de cht		
					Rock Buildes		
		2350	OYES	101	Name and the second		
se Monument 2 ' x 2' x	home mall		10	wo)			
nument 0.1.0. 987	oli sirasi.						

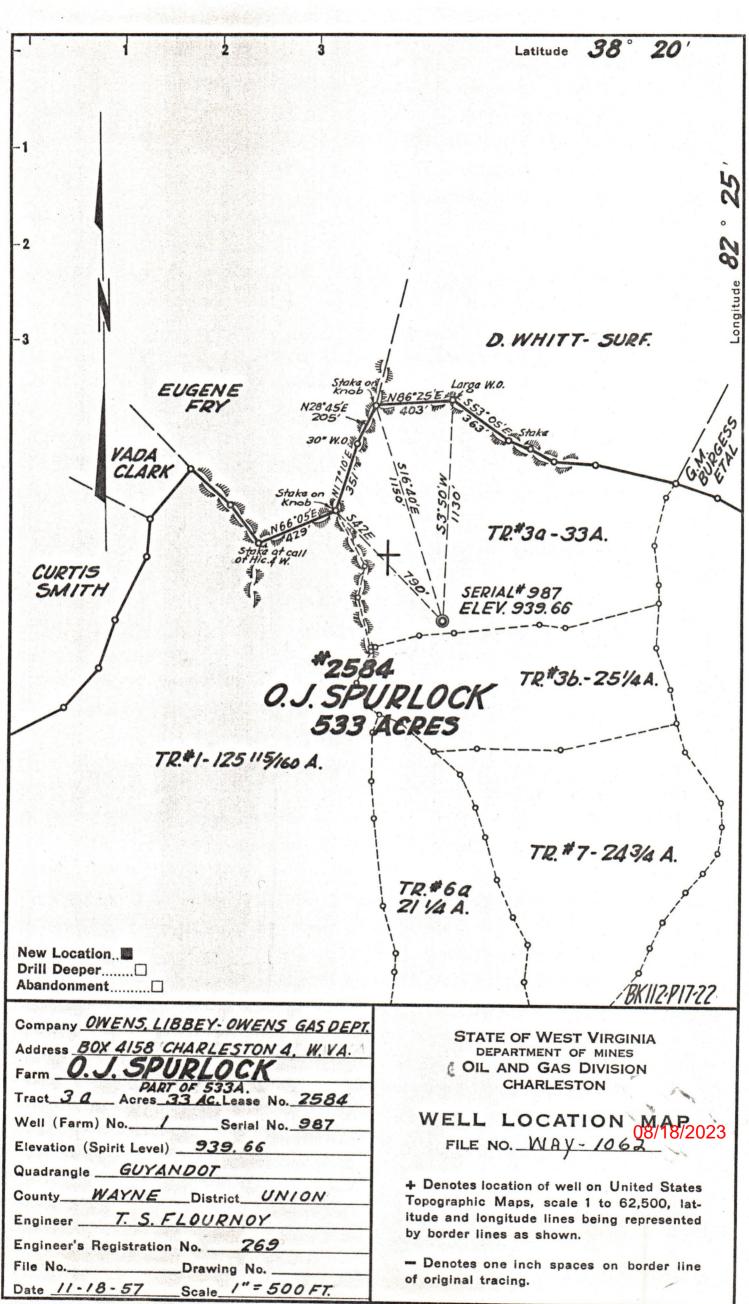
DEPARTMENT OF MINES OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

	0. J. Spurlock				OWENS, LIBBEY-OWENS GAS DEPARTMENT				
1.00 202 7021	P.O. Box 9027, Huntington, W. Va.			P. O. Box 4168, Charleston 4, W. Va.					
	ADDRESS	V 0.0	P. U.	COMPLETE AD		w. va.			
			Febru	ary 22	ONDITA R	19 60			
COAL OF	WELL AND LOCATION Union District								
***************************************	ADDRESS	(3E)	CTIL	Olizon	- J	District			
	Same	and Financial marks		Wayne	n hole to	County			
LEASE O	R PROPERTY OWNER		1510	G (Contal No		e Froe			
***************************************	ADDRESS	(3, 5	Well N	o. 1 (Serial No	. 901)	130			
			0. J.	Spurlock	Ded 6-5/8"	Farm			
STATE INSPECTOR S	SUPERVISING PLUGGI	NG	e de la						
OTATE INDI ECTOR :	SUL ENVISING 1 EUGGI		COLL	C481	bod to to	1071 - CT)			
CM 1 MT CT 1117CM :		AFFIC	DAVIT	12.90		DOE"			
STATE OF WEST	VIRGINIA, (2012)	ss:	11.12	COLL					
County of		55.		729	or hole to				
	ld Ramsey		and G	ay Meadows					
	orn according to law								
plugging and filling	oil and gas wells and	were em	ployed by	Owens, Libbey-	Owens Gas 1	Dept.			
well operator, and p	participated in the wo	ork of plu	gging and	filling the above	well, that sa	id work			
	the 18th day of								
and filled in the following	lowing manner:		hen	, 10 and that	the well was	pruggeu			
SAND OR ZONE RECORD	FILLHIG	MATERIAL	200	OTO PLUGS USED	CAS	SING			
FORMATION	CONTENT	FROM	то	SIZE & KIND	PULLED	CSG LEFT II			
10-3/4" casing se			nor	000					
0 - 7011	t at 1493*				A STATE OF THE STA	GOOD TO SEE STATE OF THE PARTY.			
			0.7	COI	Section to	777			
7 casing se	at 2305 cemente			00.5	Sedit to to	ro oli			
7 casing se	t at 2305 cemente t at 2355 (Hookwa			03	Self ten 190 Se Sinos	<u>sp</u> oli oli			
7 casing se 3-1/2 tubing se Total depth	t at 2305 cemente t at 2355 (Hookwa 3091'			000 000 000 000 000 000 000 000 000 00	Fig. 70 age 30 2005 2005 2005 AMB DE	Ce Ce Ko			
7 casing set 3-1/2 tubing set Total depth Shot hole	t at 2305 cemente t at 2355 (Hookwa 3091' 3091 - 2788			0.000 0.000 0.000 0.000	Smill recorded Sciences Scienc	SE S			
7 casing set 3-1/2 tubing set Total depth Shot hole Shot bad hole	t at 2305 cemente t at 2355 (Hookwa 3091' 3091 - 2788 2291 - 2275			00.000 00.000 00.000 00.000 00.000 00.000	Daily as also	ED No Se Se Ro			
7 casing set 3-1/2 tubing set Total depth Shot hole Shot bad hole Shot bad hole	t at 2305 cemente t at 2355 (Hookwa 3091' 3091 - 2788 2291 - 2275 2290 - 2304			0.9 0.9 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Day 20 se	10 20 20 20 10 10			
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7 casing set 3-1/2 tubing set 3-1/2 tubing set Total depth Shot hole Shot bad hole Pulled 3½" - Rock Bridge Clay Rock Cement Rock Bridge Coal Seams	t at 2305 cemente t at 2355 (Hookwa 3091' 3091 - 2788 2291 - 2275 2290 - 2304 tubing 2355'	2620 2580 2570 2560 2370	2580 2570 2560 2550	DESCRIPTION	ment 2 'x	2' x :			
7 casing set 3-1/2 tubing set 3-1/2 tubing set Total depth Shot hole Shot bad hole Shot bad hole Pulled 3½" Rock Bridge Clay Rock Cement Rock Bridge	t at 2305 cemente t at 2355 (Hookwa 3091' 3091 - 2788 2291 - 2275 2290 - 2304 tubing 2355'	2620 2580 2570 2560 2370	2580 2570 2560 2550	DESCRIPTION COncrete Monument	ment 2 'x				

WEST VIRGINIA ST



KOE 166 IMPERIAL