



DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES, Charleston, W. Va. Katherine & Dorsey Ketchum Owens, Libbey-Owens Gas Department COAL OPERATOR OR COAL OWNER NAME OF WELL OPERATOR 360 Oakwood Road, Huntington, W. Va. P. O. Box 4168, Charleston 4, W. Va. COMPLETE ADDRESS ADDRESS March 4 COAL OPERATOR OR COAL OWNER PROPOSED LOCATION Union District ADDRESS Wayne (same) OWNER OF MINERAL RIGHTS 1 (serial No. 1067) 820 25 Well No. ADDRESS GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having-fee-title-thereto, -(or-as-the-case-may-be) under grant or lease dated , made by Katherine and Dorsey Ketchum Owens-Illinois Glass Co. and Libbey-Owens-Ford Glass Co. and recorded on the 9th August, 1955 , in the office of the County Clerk for said County in , page 406 Book 45 The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees. The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same. (The next paragraph is to be completed only in Department's copy.) Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address same day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, Very truly yours,

MAR 1959

RECEIVED TO WEST VIRGINIA DEPT. OF MINES

WEST VIRGINIA DEPT. OF MINES

WEST VIRGINIA DEPT. OF MINES

Owens, Libbey-Owens Gas Dept.

Well operator

Address of Well Operator

West Virginia

Owens, Libbey-Owens Gas Dept.

Well operator

P. O. Box 4168

STREET

O8/18/2023

*Section 3 If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

way-1112

WAY-1172

PERMIT NUMBER



DEPARTMENT OF MINES

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

Owers, Libber-Owens Gas Depertment P. O. Bon 4168, Cherkeston 4, W. Va. 300 Cakwood Road, Huntington, M. Va. (serial No. 1067) 95 4 20 8 wans-Illinois Class Co. and Idbbey-Owens-Ford Class Co. and recorded on the Oth named cost operators or cost owners at their above shown respective address. Sime. day. helore, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, Owens, Libbey-Gwans das Dept P. O. Box 1168 08/18/2023

*Section 3.... If no anch objections he filed or be found by the department of mines, within said portion of tendays from the recept of said matter and plat by the department of mines to said proposed location, the department shall forthwith issue to the well apprator a drilling certain reciting the tiling of such plat, that no objections have been made by the coal mematers 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.

STIJ-TAN

PERMIT NUMBER

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P.O. BOX 4452 4168

CHARLESTON 4. WEST VIRGINIA

March 4, 1959

W. Va. Department of Mines Oil and Gas Division Charleston 5 West Virginia

Gentlemen

We are submitting application for permit to drill Well No. 1 (serial No. 1067) on our Katherine Ketchum lease situated in Union District, Wayne County, West Virginia. Attached to the application is a plat showing the proposed location of said well.

Very truly yours

Owens, Libbey-Owens Gas Dept.

T. S. Flournoy, Chief Engineer

CC: Katherine Ketchum 360 Oakwood Road Huntington West Virginia

TSF:efg



OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE PO BO BO CARE ATTO

CHARLESTON 4, WEST VIRGINIA



GEGI W HOTEM

W. Va. Department of Mines Cil and Cas Division Castlested West Varginia

nomelines

We are madmitting abdiction for manife to drill well No. 1 (stricted to 1967) on our Agricultus Nevelum losse of the tod in latenties, estimated to the soll action is a plat another, the grand to the soll action is a plat another.

action within motion

Unche. Libety-wome Gos Dept.

T. S. Plotenty; Chief Engineer

00: Kataculus Estains 500 Oslycod Padd Hundington Vet Virginia

120:324



March 4, 1959 Mr. James W. Pack, Inspector Oil and Gas Wells Hamlin, West Virginia Dear Mr. Pack: We are in receipt of application for permit to drill Well No. 1 - Sr-1067 on Katherine Ketchum Farm, Union District, Wayne County from Owens, Libby-Owens Gas Department. Permit number will be WAY-1172. Verbal permission has been given for drilling to begin, pending formal permit. Very truly yours, Crawford L. Wilson, Director WEST VIRGINIA DEPARTMENT OF MINES BY: Assistant Director OIL AND GAS DIVISION MG/dm 08/18/2023 13-2

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate Sl. & shls. Slate Sl. & shls. Br. shale Corn. lime	white white white brown black	soft soft soft soft hard	2903 2957 3024 3077 3110 3142	2957 3024 3077 3110 3142 3149	Test 2924 Test 3169		4.3 M
Shells Shells. Shells. Shells. Sh. cehls. Coilce chale	white white dark dark dark	hard hard hard med. hard	3149 3199 3321 3429 3465	3199 3321 3429 3465 3785	Test (2) = 32 Water after $3\frac{1}{2}$ bailers $5/28/59$ Rar	weekend fro 5½" csg. to	12.9 M () m 3373 to 3379
or e sure. Big Six Slate	light	nect period hard soft	3785 3903	T) 30 T) 10 T) 10	3291 to 328 put in hole	7. Before ru	chor pkr, set nning casing, 110 gal. Konto 0 gal.
Slete Sapd! Slete Sand Slete Alete	ceric Light cerk white cark red	soft soft nord L.D. soft soft	T.3D.	3912 3776	powder from Test B. S.	ot well with	
Slete Send Coel Slate Sl. & shie. Sand	Light cark dark dark dark	soft hard hard soft ned	201 201 301 301 301 301 301 301	305 305 305 306 307	Test 15 min Test 1 hr. Test 2 hrs. Hole bridge	A. S. ed at 3776.	1.2 M 548 cu.ft
Surface Slobe	yellov Light Light	soft soft	23	23 231	Seal on top 7/8/59 Pull	of lead plued of lead $5\frac{1}{2}$ " casing	
on Fresh water Salt water Furnation	Caro	fee '	Shila, 155 Es aye	10 10 E	3291. Drove lead Put in 3 sa	plug on top cks Cal. Sea	of bridge. 1 to 3221
Open Flow Johns 12 h	Jachs Water 19ths Apro , Derce	ios DLA	CPS On La	SAPENG CE		355	30 MARIE
Drilling Complete Brilling complete Line Shot 6/2 With 500/	6/26/27 6/26/27 75/20/20 Par	ges. 3.180	3805	proper (acce)		1.50 2.00 3.00 1.50	
Digitiet United The Santa Sant	control by	County Wegs for by, A these delicating Ket A the Kunth	enun Ston, W. Va	2001 1 2 1 3 1 1 2 1 2 1 3 1 1 2 1 3 1 1 3 1 1 3 1 1 3 1 1 3 1 3	259.10 259.10 2597.6 3505.11	501164 505.10. 74.5. 35	
Forst on (water) Well Mo. 2. (Box 41.68,	Overs eas of Garleston ole Greek	Describert Is W. Ve. (drag 08	Oneire un Tunere.	Drilling	Coct. in:	A MCKAIR
Permit No. 123	The College Server		METT	MECON		08/	18/2023

Date July 20

APPROVED Owens, Libbey-Owens Gas Department, Owner

A. H. Smith, Mg (Title) Land, Engr. and Geo.



OIL AND GAS DIVISION DEPARTMENT OF MINES Guadran & Chysndot

METT BECORD

GR Remarks	Pound	Oil, Gas or Water	Bottom	qoŢ	to braH 3102	Color	поізвитоЯ
TEET INCHES INCHES	ES E	INCH	COAL WAS ENT	hrs. lst 24 hrs. Leet feet feet	lbs. feet feet		Rock Pressure Oil Fresh water Salt water
Io. Ft. Date	SIZE /	NTED	CVZING CEME	Inch Inch Gu. Ft.		/10ths Water i /10ths Merc. i	Volume Llow
Perf. top————————————————————————————————————			2 Liners Used	3912	от 3878) -)	
Depth set	1537'6"	3202,11"	2 3/49 = 2 x/9 x/9 2 x/9		Address atherine Ket Address Huntin	Road by K	Mineral rights are 36 Oakwood
to esi	.2.24		8/5 ½8 10 3/ħ	3		ni benwo si to	District
Kind of Packer			əziS 91	88 Acres 86 605.96	ole Creek	Serial #10	Location (waters)
Раскега	ni 119A Now	Used in Drilling	bns gnized	4, W. Va.	Owens Gas De	Вох 4168,	Address P. O.
RE Mell DRY HOLE	8D TO IIO		KECOKD	WELL		-TTTS	Permit No. Way

5678910777	, l		,		
- X 2 10 4	(T9VO)	no braid	vola")	
TO SHIRING SON			31042		
TANIA STANIAN		5005	J'ios	white	State
Test 2420 Ptes 129 Start Test	2903	T652	tlos	proun	Brown shale
M 8.9 ST POST TEST	5291	SST	floa	White	Shale
9202120272	SSIZ	STOS	JJos	prown	Br. shale
6636168688	STOS	SOT8	med.	grey	SI. & shls.
Gas at 2023	STAP	SALE	bred	black	Com. Lime
Gas at 2018	SOT8	SOIS	med.	dark	Berea
March after markene is a 3313 to 3318	SOTS	086T	tlos		Coffee shale
. mollag &	086T	SS6T	tlos	light	Sl. & shls.
The second secon	SS6T	T922	hard	tagil	Shells
to be provided in the state of	7922 7549	64ST 68ST	med.	dark	.aLda & .LZ
1/1/20 Ran 7" csg. on shoe at 1537'6"	0(31	1630	bilos	dark	Shells
SAST MI bass = 6521 MIS	6EST	†TST	meg•	dark	Sl. & shls.
formal Len Off to organize afon no view	TIST	£98T	med.	grey	Big Injun
.Im CF - noter . F. 025 Da	£98T	TOTT	psig	white	B. Lime
	T6TI	9STT	psrd	dark	L. Lime
Appelled to the second	9STT	OHTT	MrggA	Jight	Slate
	0777	1138	floa	red	Вед Воск
	1138	1132	tlos	dark	Slate
	1132	STOT	hard	white	Sand
TENT TOTAL COLOR TOTAL	STOT	426	tlos	dark	Slate
Water at 890, hole full.	726	007	med.	Jight	Sand
Test B. S. Hone	96S	965	tlos	dark	Slate
Mater 490-500, 4 BPH	664	664	flos med.	dark	Sand a see
Dest Chrs. S. S. W. S. Wish cu.ft.	††††	444 568	hard	dark	Slate Sl. & shls.
	568	392	-	-	LsoD
Hare bridge of Same.	392	η≤€	hard	dark	basa
Ran 8-5/8" csg. at 299'10" on shoe.	458	285	tios	light	Slate
Tit in 22 sal. water cidal seems Unl.	285	534	tjos	Jagil	Sand
Water at 75', 2 BPH					
Ran 10-3/4" csg. at 47'2"	534	53	flos	light	Slate
7/6/99 Pillage 54' costile at 3505'11"	23	0	floa	Aejjom	Surface

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
			· · ·				
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
			\\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\		1 ,		
		,)
			17		Decided to		
					I/IV/59 Inct Derce powder fro Best B. 5. Is alm. 4. 26 hre. 1.	2008 to 21	0/ Ero,ca 05. 29 MOP 60.7 MOP 12.2 LOP
					Chot shele from 29/8 Heer D. S! 19 min. A.		Trajen powder
202712	IMEVI LIBO	ED:			.1\12\13		
Parazir.	(alpa	Here or	(10)		di pre	- gang	Requests
Co Table State Sta		dest.	John 1st 24 hrs.	LOVE MART	L BOOKERRE	64) 82 - 1411	INCARE.
		p)	Ca P.				P ANGHES
Chen Trees	rojen John Hitis Water 1915 Mars	er, 2,0% %x	olen Zonder Per (na	CASING CEN	F5) T 670		I be some
training completed	3/9/59 6/26/5 8/3/27/70	\$000 5249	3221 2205	Table (1947)		-10	(SND
and the second	service has been been been been been been been bee	A trees Se thoritie Ne Midress	region in the	A CONTRACTOR			13.85
The surface of tree	4 is owner, as	ob na Canarix		19			
Location (waters)	Melve 20. Mal No.	roct)	Acres 605.96	378-1		AJ	a of Packet
		Dweda Gas De FantLeston M	t M. Vo.	Canage and Palatage	Sincian Delling		Fickers
Hermit so Mor	-33.1S		MEET	MECON	3	08.	18/2023

Date August 13 , 19 59

APPROVED Owens, Libbey-Owens Gas Department, Owner

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



ES

	OIL AND GAS DIVISION
	DEPARTMENT OF MINES
Liebey-Oreus Co	STATE OF WEST VIRGINIA
	The state of the s
Teleff Light . History	(E) (P) (S)
ner. & Gevl.	The state of the s
	Cammil Cammil

	THE PERSON NAMED IN COLUMN						
	SAMINISH SSELECTION OF SELECTION OF SELECTIO	10 143 N 56789 N 56780				1	
950# Trojan 2005. 29 MCF 60.7 MCF 12.2 MCF	.2008 to .2	T/17/59 Shot Berea powder from Test B. S. 15 min. A. 24 hrs. A. 24 hrs. A. Decided to					
# Trojan powder 346 cu. ft 457 MCF 29.3 MCF	to 355T	Shot shale from 2578 Test B. S. 15 min. A.			u _k		
		65/ST/ <u>L</u>				MENTAL REC	ETIAANS
Кетатка "	Found	Oil, Gas	Востот	фоТ	Hard or Soft	Color TENTAL REC	Formation TalqqUS
Кетатка	Depth	Oil, Gas	Bottom	doT	1J0S		noi3sm10A
Kemarks EET INCHES	ES EI	Oil, Gas			ro braH JloS		Formation Total
EET INCHES	ES FI Depth	Oil, Gas	raag raag	1991	To braH ThoS		Tesh water talk water Termation
EET INCHES	ES FI Depth	Oil, Gas	raag raag	1991	To braH ThoS		Sock Pressure Dil Fresh water Salt water Formation
Remarks EET INCHES	AT FI ES FI	OIL, Gas OIL, Gas OIL, Gas	COAL WAS EN	Cu. Ft. his., 1st 24 hrs. feet feet feet	lbs. feet feet feet Soft	Color	Rock Pressure Dil Fresh water Salt water Formation
Remarks EET INCHES EET INCHES	AT FI ES FI	OIL, Gas OIL, Gas OIL, Gas	raag raag	Cu. Ft. hbls., lst 24 hrs. feet feet feet	lba. feet feet feet feet feet	Vioths Merc., i	Volume DRY HO Rock Pressure Did Fresh water Salt water Aster
FET INCHES EET INCHES EET INCHES	Depth IZE NG IZE NG	OIL, Gas OIL, Gas OIL, Gas	COAL WAS EN	Inch Cu. Ft. hrs. Lbls., 1st 24 hrs. feet feet	ni Jbs. feet feet feet foot	Vioths Water i	Open Flow Volume Sock Pressure Oil Fresh water Salt water The sormation
Perf. bottom EET INCHES EET INCHES	Depth IZE NG IZE NG	OIL, Gas OIL, Gas OIL, Gas	COST WAS ENCORDED CASING CEME	Inch Inch Cu. Ft. Cu. Ft. hrs. bbls., lst 24 hrs. feet feet	in lbs. feet feet feet feet feet feet feet	Trojan powo /10ths Water i /10ths Merc. i	With 6200# Topen Flow Volume DRY HO Nolume DRY HO Sock Pressure Oil Fresh water Salt water
Perf. top Perf. bottom Date EET INCHES EET INCHES EET INCHES	Depth IZE NG IZE NG IZE NG	OIL, Gas OIL, Gas OIL, Gas	Liners Used————————————————————————————————————	Inch Cu. Ft. hrs. Lbls., 1st 24 hrs. feet feet	7.008 To 2.008 To 2.008 To 2.009 To 2.0	Trojan powo Trojan powo Troja	With 6200# T With 6200# T Joen Flow Volume DRY HO Sock Pressure Did Fresh water
Perf. bottom EET INCHES EET INCHES	Depth IZE No	OIL, Gas OIL, Gas OIL, Gas	COST WAS ENCORDED CASING CEME	Inch Jisn Powder Inch Cu. Ft. hrs. bbls., lst 24 hrs. feet feet	7.008 To 2.008 To 2.008 To 2.009 To 2.0	6/26/59 Tro.jan powo Tro.jan powo Joths Water i Joths Merc. i	Orilling completed Oate Shot 7/12 With 6200# 7 Open Flow Sock Pressure Oil Fresh water Salt water
Perf. bottom Perf. bottom Date Date Date Date Date Date Date Date	Depth IZE No	OIL, Gas OIL, Gas OIL, Gas	Liners Used————————————————————————————————————	3221 Disn Powder Inch Cu. Ft. Cu. Ft. Ars. Ars. Ars. 1eet Inch Tech Inch Inch Inch Inch Inch Inch Inch In	2578 TO 2008 T	ed 3/9/59 d 6/26/59 5 & 7/17 rom 710ths Water i 710ths Merc, i	Orilling commence Orilling complete Orilling complete Orilling Shot 7/15 With 6200# Took Pressure Ork Pressure Orilling Water Orilling Water Origination
Perf. bottom Perf. bottom Date Date Date Date Date Date Date Date	Depth ES FI A TINE NO	OIL, Gas OIL, Gas OIL, Gas	2 COAL WAS ENTERNO CEME CASING CEME PEET	3221 Ojan Powder Inch Cu. Ft. hrs. hrs. hrs. hrs. teet feet feet	2578 TO 2008 T	ed 3/9/59 d 6/26/59 d 6/26/59 lrojan powd /loths Water i /loths Water i	Orilling commence Orilling complete Orilling complete Orilling Shot 7/15 With 6200# Took Pressure Ork Pressure Orilling Water Orilling Water Origination
Perf. top Perf. top Perf. bottom Date Detf. Date Date Date Date Date Date Date Date	Depth ES FI A TINE NO	OIL, Gas OIL, Gas OIL, Gas	CASING CEME CASING CEME CASING CEME CASING CEME Diners Used 5 CASING CEME PEET PEET PEET PEET PEET	3221 Ojan Powder Inch Cu. Ft. hrs. hrs. hrs. hrs. teet feet feet	Address Ratherine Keratherses Address	e owned by Avood Road ed 3/9/59 6 8 7/17 rom 10ths Water i	Mineral rights ar 36 Oaks of the state of th
Perf. top Perf. top Perf. bottom Date Date Date Date Date Date Date Date	Depth ES FI IZE NG IZE II	OIL, Gas OIL, Gas OIL, Gas	6% COAL WAS EN PAGE 1864 COAL WAS EN PERT 1864 COAL WAS EN PERT 1864 COAL WAS EN PAGE 1864 COAL WAS END PAGE 1864 COAL WAS E	tchum 2221 Jan Powder Jan Powder Jach	Address Katherine Keratherine	e owned by Avood Road ed 3/9/59 6 8 7/17 rom 10ths Water i	The surface of tra Mineral rights ar 36 Oaks Drilling commence Date Shot 7/12 With 6200# 7 Open Flow Johnne DRY HO Wolume DRY HO Johnne DRY HO
Depth set Perf. top Perf. top Perf. bottom Perf. bottom Date EET INCHES EET INCHES	Depth ES FI IZE NG IZE II	OIL, Gas OIL, Gas OIL, Gas	COAL WAS EN PARING CEME S S 16 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	tchum 3221 3221 5.jan Powder Inch Inch Inch Inch Inch Inch Inch Inch	Address Addres	e owned by Kood Road 6 3/9/59 6 8 7/17 rom 10ths Water i 710ths Wa	District Union The surface of tra Mineral rights are Orilling complete With 6200# T With 6200# T Orilling DRY HO Sock Pressure Jin Water Salt water
Depth set. Perf. top. Perf. top. Perf. bottom Perf. bottom Date. EET INCHES EET INCHES	Depth ES FI IZE NG IZE II IZE	OIL, Gas OIL, Gas OIL, Gas	10 PEET PEET	tchum 2221 Jan Powder Jan Powder Jach	Address Addres	ect is owned in act is owned by Avood Road 6/26/59 6/26/59 6/20/10ths Water in 10ths Water in 10	Well No. 1 (Se District Union District Union District Union District Se Oaker Drilling completed With 6200# Took Pressure Drilling Completed Drilling Drilling Drilling Completed Drilling Drilling Drilling Drilling Drilling Drilling Completed Drilling Dril
Size of Depth set. Perf. top Perf. top Perf. bottom Date Detf. Date Date EET INCHES EET INCHES	Depth ES FI IZE NG IZE II IZE	OIL, Gas OIL, Gas OIL, Gas	COAL WAS EN PARTING CEME 8% P 8%	Elev. 605.96 Character M. Va. 3221 Jan Powder Inch Inch	Le Creek Loonty Address Address Address Address Address Address Address To SOO8 To Loonty Address Addr	Twelve Polerial No. 1 ed 3/9/59 ed 3/9/59 d 6/26/59 frojan powd Trojan powd	Mineral rights are Solume Confidential No. 1 (See Mineral rights are Commence of transiting commence of the Confident of the Commence of the Commence of the Confident of the Co
Size of Depth set. Perf. top Perf. top Perf. bottom Date Date Date THE Date Date Date Date Date	Depth ES FI IZE NG IZE II IZE	OIL, Gas OIL, Gas OIL, Gas	18	M. Va. Acres Riev. 605.96 J221 J221 J221 J221 Jan Powder Jach J	The Creek Looky Looky Looky Address Ad	ine Ketchum Twelve Pol Twelve	Address Rather: Farm Kather: Location (waters Well No. 1 (Sc. 1) District Union The surface of trace o
Packers Kind of Packer Size of Perf. top Perf. top Perf. top Perf. bottom Perf. top Perf. bottom Perf. bo	Depth ES FI IZE NG IZE	Oil, Gas Or Water NOUNTERED OT Water	PEET	M. Va. Acres Riev. 605.96 J221 J221 J221 J221 Jan Powder Jach J	Le Creek Loonty Address Katherine Ker Address Address Address Address To Addr	ine Ketchum Twelve Pol Twelve	Address Rather: Farm Kather: Location (waters Well No. 1 (Sc. 1) District Union The surface of trace o
Packers Kind of Packer Size of Perf. top	Depth ES FI IZE NG IZE	Used in Drilling NCOUNTERED OIL, Gas OIL Water	PEET	Partment M. Va. Relev. 605.96 Cu. Ft. Cu. Ft. Jazzi	The Creek Looky Looky Looky Address Ad	ine Ketchum Twelve Pol Twelve	Company Owens Rathers Farm Kathers Location (waters Well No. 1 (Se Well No. 1 (Se Well No. 1 (Se Mineral rights ar Drilling complete Drilling complete With 6200# With 6200# With 6200# The surface of tra Drilling complete Onilling complete Drilling complete Onilling complete Drilling complete Onilling complete Onilling complete With 6200# The Shot 7/12 Only Holder Only Holder Salt water

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1172			Oil or	Gas Well 1 SR-106
Owens Libby Owens- Gas Dept	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS MOTAT
Charleston, West Va.	Size			Filling Material Used
Farm Katherine Ketchum	16	IIA.	RODE	Kind of Packer
Well No. 1 SR-1067	13	381	9 7: 1225 EUA	Size of
District Union County Wayne	81/4	3001	9300 W	Size of
Drilling commenced 3-9-59	6%			Depth set
Drilling completedTotal depth	5 3/16			Dec 4
Date shotDepth of shot	2			Perf. bottom
Initial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
VolumeCu. Ft.	CASING CEME	NTED	_SIZE	No. FTDate
Rock pressure lbs. hrs.				
Oilbbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERED	АТ 392	FEET 36 INCHES
Fresh water 30 feet 400 feet	FEET.	INCH	ES	_FEETINCHES
Salt water 775 feet feet	FEET	INCH	ES	FEETINCHES
Drillers' Names R. F. Phillips				Kuntarksı
Clyde Osborne			6	282930311123
Remarks: Salt Sand 700; drilling	depth- 11	691.	425	APR 1959
			33	WECT VED O

3-24-59

DATE

Jw. park

08/18/2023

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.					Wel	II No	ald down 6
COMPANY	A HO		ADDRI	ESS			
FARM	WITTE BEE	DISTRICT	r_ 。		UNTY	SCHW	3
Filling Material Used				, av. 10.	ets <u>(no tra</u>	Frank	E STATE STATE
Liner Location Amount				Packer Mag	Location	(enda)	enter a
PLUGS USED AND DEPTH PLACED			61-7	BRIDGES	CASIN	G AND TU	JBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRU	JCTION-LOCATION	RECOVERED	SIZE LOST	
	100				10	neim	Z aprilekt
			18748.8		Charles Same	Ligonos	ance an ding
Part, top				dagala las	7	Lookel	gmos a illari
motion deed				in an area and of the	dr _j ed		Lake chet
qo: lieq			Linear Us	danka* pataw -a	0.1	W	a osqa kital
Perf. Bottom				doith a complete	bu?\	anderia.	ila welt men
No FT Date	87.18	CHTERM	O FMELAS	19.90			. Lagrandos
				अर्थ १५३	400		egy sea og sko s
causas de pass	SOF The position		Tright				
				160			
Drillers' Names	ERIORI	Tax		164		-325	EL 1256W 7/6
Remarks:				arifita	H. F. F		
		11691.	-iljqah (anid this : 00		fac	
	I homoby contife I	wigited the ch	ovo woll on 4	hia data			
DATE	I hereby certify I	visited the abo	ove well on t	ms date.			

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit	No.	WAY-1	172
		-	

Oil or Gas Well 1-SR-1067

28/18	TOLA		(KIN	(D) YV(#9M()')
Owens Libby Owens Gas Dept.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS AND AND
Company P.O. Box 4168 Address Charleston 4, W. Va.	Size			Filling Material Used
Farm Katherine Ketchum	16		Multipoli	Kind of Packer
rarm	13			A CONTRACTOR OF THE STATE OF TH
Well No. 1-SR-1067	10	38		Size of
THO I STIR GREENOVER WOLLDON	81/4	300	doox	SOURIALITY - LEID TO LO
District Union Gounty Wayne		1539	i	D. IIt
Drilling commenced	6%	-///		Depth set
	5 3/16			
Drilling completedTotal depth	3			Perf. top
Date shotDepth of shot	2			Perf. bottom
	Liners Used			Perf. top
Initial open flow/10ths Water inInch	Zimers out			Perf. bottom
Open flow after tubing/10ths Merc. inInch				TOTAL BOSONIA
			OTOT .	No ET Doto
VolumeCu. Ft.	CASING CEME	ENTED	SIZE	No. FTDate
Rock pressurelbshrs.				
Oilbbls., 1st 24 hrs.		NCOUNTERED	AT 392	FEET 36 INCHES
Fresh water 30 feet 400 feet	FEET	rINC	HES	FEETINCHES
Salt water 775 feet feet	FEE	rINC	HES	FEETINCHES
R. F. Phillips				
Drillers' Names				
Clyde Osborne				
Remarks: Drilling depth - 1549; t	esting 7"	Casing.		1013141516 in
2.2.2.3			1	1
			100	APR 1959
				DECEMED 2

4-10-59

08/18/2023

I L

DISTRICT WELL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY	80 ,				2/1	I-INE		
COMPANY								
COMPANI			ADI	DRESS				
FARM	MITHE	DISTRI	CT	. Joed en an county did snew				
					Both xos	.0.9	_ V;180[01	
Filling Material Used			200	2 E	est nodas	Listo	man Silvi	
Liner Loc	10 10 10 10 10 10 10 10 10 10 10 10 10 1					*		
Liner	ner Location Amount			Packer	Location	unens:	A	
PLUGS USED A	PLUGS USED AND DEPTH PLACED		-	BRIDGES	CASIN	G AND TUE	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONS	TRUCTION-LOCATION	RECOVERED SIZE		LOST	
	1996			DUTAN VANO	D	noimU	trirtaj0	
The state of the s	16391							
			ansa			Literation and the		
				and a street fate		Salada e	ek koministori	
and the second s								
Perf. betteet			2		squti			
			a James La	front of response of				
Land motion 767				113-1	A Transmission and the		ego lectra i	
						Sudua pedig		
eff. els te	AMIN							
		1181, 4.4 %, 4.1	2 年時1月5月()日	- 17. D. Darwick and Company of the Company			00til_eV	
				. 414	note the second			
36	os .							
WWW.	10 10 10 10 10 10 10 10 10 10 10 10 10 1	A12001/A	532 3 E CO	24 18 4/2 - 1de			32	
				00.4				
Prillers' Names								
Times Tumes		1883		30-32	1998	\$ 89 (c) \$ 2.51		
Remarks:	- Carrier Control (Control Control Con	Transfer of Spirit Co.	articological de garcela					
				aqillin	1.1.9			
	• 2111	/II Unsi		th - 15491; te	qeb anili	141		
T	hereby certify I wi	sited the sh	ovo wall .	41.: 1-4-				
DATE	hereby certify I vi	sited the ab	ove well on	this date.				

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. WAY-1172	2-P				Wel	II No. 1	SR-1067
COMPANY Owens Li			ADDRESS C		on 4, W.		off fines
FARM Katherine	Ketchum	DISTRICT	Union	CC	UNTYWE	ayne	
Filling Material Used	Roak, cemen	nt and le	ad plug.				La Supplied A
Liner Lo	cation	Amount	Packe	r	Location	and the second	
PLUGS USED	AND DEPTH PLACED		BRIDGES		CASIN	G AND TUE	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LO	CATION	RECOVERED	SIZE	LOST
Bridge			19701		35051	5½"	0
Lead Plug			19331		•	history and	
Perf. top				il Harri (c)	7	1,9001/2	nes priferi
Perf. bettem				1088	digird 2		_ toda abati
gst_free		30.0	D werd fant	ni nataW sa	m)	magnetic at the Co	obgo (at ha)
Forf. bottem.				ni moh m	(1)	and day	ra voltainer)
No FTDate	17.18	COMPATER	property Feat				en mark
					antia s	•	
AADED BY TOURS	row arthrope	TATE SALES AND					
.00.11.11.11							
Orillers' NamesCl	yde Osbourn	е					
	arles Booth	en anno mais sensos se					1777 % 1198
Remarks: Hole fi bridged hole testing for	lled back t @ 1970'; s Berea Gas.	o 2017; tone 1970	put in 4 sac 0'-1933'; dro	ks ceme ve lead	ent at 20 l plug to	17';	on all the state of the state o

7/29/59

I hereby certify I visited the above well on this date.

Jw. pack

RECEIVED WAS AND DEPT. OF MINES OF

08/18/2023

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No.	P.O. Box & LOS	araz "Jūs	ans Cas De		Gas Well	nekamon
Ompany	ALVIOU NO	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKE	RS MAA
		Size	ns ineme	Hock,	beell Israel	
Address					Kind of Pack	
Farm	ond maken"	16		neday.	Killu of Fack	denn.
Well No	o a soulla	13	DADA	у этер д ауха	theu equity	
well No.	п Горанд — Вомафонацатом	10	ATEL AND ARE	-000W	Size of	CEMENT.
District	County	81/4				ro fa Freid
		65/8			_ Depth set	
Drining commenced		5 3/16	and the same		3011	bacI
Drilling completed	Total depth	3			Perf. top	
Date shot	Depth of shot	2			Perf. bottom	
		Liners Used			Perf. top	
Initial open flow	/10ths Water inInch				Perf. bottom	
Open flow after tubing	/10ths Merc. inInch					
Volume	Cu. Ft.	CASING CEMENTEDSIZE		SIZE	No. FT	Dat
Rock pressure	lbshrs.					
Oil	bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT			_FEET	INCHE
Fresh water	feetfeet	FEETINCHES		IES	_FEET	INCHE
Salt water	feetfeet	FEE"	rINCI	IES	FEET	INCHE
17109	Je Juaneo aloek d	nl Jud :	ok 80 2012	aci bell	il eleli	emarkst
Drillers' Names	Tuly heal averb :1	CONTROL	. anoda ; i	07ed O Borod	tol gard	ilu Bed
Remarks:						
Ar a co						

DATE

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. WAY-1172-	P				We	II No. 1	SR-1067
COMPANY Owens L	ibby Owens		ADDRES	P.O. Bo Charles	x 4168 ton 4, W.	Va.	614 fimes
FARM Katherine		DISTRIC	TUni	onc	OUNTY Wa	yne	
Filling Material Used	Clay and c	ement	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1				EVERYNG I
Liner Lo	cation	Amount		Packer	Location		Editor and
PLUGS USED /	AND DEPTH PLACED		В	RIDGES	CASIN	G AND T	JBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUC	TION-LOCATION	RECOVERED	SIZE	LOST
			81		ide.J		and topically
Department of the second			32/6 (ten enoug	Britishg ever
					47		garet erdikeli
Perf, hýstám				and the second s	degoG		ne is at o
			erit comic l	e Kater Ingalas			i doga katini
mound fred			the same of the sa	el	401	ge data)	s) a well segO
No FT. Date	3317	arr sulati	1 (NC)(8) 10	i ma			ATER (N. V.
SERVICE TAILER	#n and	×tiev kš	17.18.77.				910
Drillers' Names Clyd	e Osbœurn	1000			1		
	les Booth			and the second second second second			
Remarks: Shut of cement on place 7-31-59.	f Berea Gri ug and fill	t gas wi ed with	th lead p	plug set at 1587; pull	1933'; p ing 7" ca	ut 2½ sing	sacks as of
7/31/59 DATE	I hereby certify I	visited the abo	ove well on this	date.	C 11282930311723	S678	PORTES STATES OF MINES STATES

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No.	Bold xod .o.1		Oil or Gas Well				
ORVAW.		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	ON TO PACKERS WILLIAM		
Address		Size	desemble by	A Valu	Filling Material Used		
Farm	Pagier - Loca	_ 16	0.935	cation	Kind of Packer		
Object of a build		13		THE STREET, GIVA	1390 99034 P		
Well No.	HOW ENGLANCE RECOVER	10	ARJ BS	8-000W	Size of		
District	County	_ 81/4					
Drilling commenced		65%			_ Depth set		
		5 3/16					
Drilling completed	Total depth	- 3			Perf. top		
Date shot	Depth of shot	_ 2			Perf. bottom		
Initial open flow	/10ths Water inInd	Liners Used			Perf. top		
Open flow after tubing	/10ths Merc. inInc	ch			Perf. bottom		
Volume	Cu. F	t. CASING CEM	ENTED	SIZE	No. FTDate		
Rock pressure	lbshı	'S					
Oil	bbls., 1st 24 hr	s. COAL WAS F	ENCOUNTERE	D AT	_FEETINCHES		
Fresh water	feetfe	et FEE	TINC	HES	FEETINCHES		
Salt water	feetfe	et FEE	TINC	HES			
Drillers' Names	plug set at 1933';	with dead	asg stro	Remed 1	Remarks. Sing of		
casing so of	al, Murrind 1,788		ILM DOITE		7-31-59.		
Remarks:		•					

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:

10-3/4" casing set at 47" 8-5/8" casing set at 299 casing set at 1537 5-1/2" casing set at 3507 (Pulled) Original Total Depth 3912 A year of & saling

Plugged back to 3768 322/ Bridged at 2060. Shot hole 2008-2105

Rock 2060 - 2050 2050 - 2040 (4 bags) 1-1/2 extra for shot hole Cement

Pull 10-3/4" casing at 47' Rock bridge 1970 - 1930 50 - 40 (7 bags) 1930 - 1910 (2-1/2 bags) Cement Clay or Mud 40 - 0

1600 - 1560 Rock bridge

Sox 416, Charteston b, W. Va.

1560 - 1550 (2-1/2 bags) - 100' 2 Clayfill Cement

Pull 7" casing at 1537 Rock bridge 960 - 920

Clay Rock

920 - 870 -870 - 860 -860 - 850 (3-1/2 bags) Cement

Rock bridge 570 - 520 520 **-** 470 470 **-** 460 Clay

Rock 460 - 450 (3-1/2 bags) Cement

450 - 425 Rock 425 - 372 Cement 372 - 300 -Clay or Mud

Erect concrete monument 2' x 2' x 3'

Pull 8-5/8" casing at 299 300 - 115 -Clay or Mud 115 - 105 Rock 105 - 55 Clay 55 -50 Rock

To the Department of Mines Coal Owner or Operator, Lease or Property Owner.

Gentlemen:

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 GAS DEPARTMENT

A. H. Smith, Mgr. Land, Engwell Operator. & Geol.

Mark monument "0.L.O. #1067"

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

23 rd day of_ , 19 27.

DEPARTMENT OF MINES Oil and Gas Division

By:



STATE OF WEST VIRGINIA 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)

174 se sea priese "4 F-0

TO THE DEPARTMENT OF MINES, Charleston, W. Va.

Coal Operator or Coal Owner	A BASSING	Name o	of Well Operator	
360 Oakwood Road, Huntington, W. Va.	P. O.	Box 4168	, Charleston	4, W. Va.
Address		Com	plete Address	
		10503-1	2060	alsoli.
1/2 extra for shot hole	-I (ajou	Jul	y 20,	19 59
Coal Operator or Coal Owner		Act 4	TOWNS AND	
1 on Strong A 10 and The Transfer	anne site	WELL TO	BE ABANDONED	Almannia Almannia
O - OF BUM TO TELL		Unio	n	Distric
Address		1,560	ige 1600	Distric
Commence of the Commence of	a as \$ 4-	Wayn	e 0071	Coment
Same	-			County
Lease or Property Owner	Well No.	1 (Se	rial No. 1067)rid aboli
		- 010-	- QQ _K	GIQ.
W. D. State Control of the Control o		Kath	erine Ketchum	Farm
Address	(<u>Sanc</u> 3 /2	-6/ W(0 -	** ODG **	- Cari
spector to be notified MR. JAMES W. PACK,		and the same of the same	to the second se	

Gentlemen: 24 HOURS IN 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 GAS DEPARTMENT

Well Operator.

08/18/2023

NOVE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a registered engineer, showing the district and county 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.

FORM OG-8

STATE OF WEST VIRGINIA 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 Katherine & Dorsey Ketchum Owens, Libbey-Owens Gas Department COAL OPERATOR OR OWNER NAME OF WELL OPERATOR P. O. Box 4168, C harleston, West Virginia 360 Oakwood Road ADDRESS COMPLETE ADDRESS Huntington, West Virginia August 11 19 59 WELL AND LOCATION COAL OPERATOR OR OWNER Union District ADDRESS Wayne County LEASE OR PROPERTY OWNER Well No. 1 (Serial #1067) Same ADDRESS Katherine Ketchum Farm STATE INSPECTOR SUPERVISING PLUGGING... AFFIDAVIT STATE OF WEST VIRGINIA, County of Charles Booth Clyde Osburn and being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Owens, Libbey-Owens Gas Department well operator, and participated in the work of plugging and filling the above well, that said work , 19 59, and that the well was plugged was commenced on the 27 day of July and filled in the following manner: PLUGS USED CASING FILLING MATERIAL SAND OR ZONE RECORD SIZE & KIND FROM CONTENT FORMATION 2060 2050 Rock (4 bags) 1-1/2 extra for 2040 shot hole Cement 2050 - gas shut off lead plug 1933 Rock Bridge 1970 1930 1930 1910 (2-1/2 bags) Cement 1560 Rock Bridge 1600 1560 1550 (2-1/2 bags) Cement Pulled 7" casing at 1537 920 Rock Bridge 960 870 920 Clay 860 870 Rock 860 850 (3-1/2 bags) Cement 520 570 Rock Bridge 470 520 Clay 460 470 Rock (OVER) 460 450 (3-1/2 bags) Cement DESCRIPTION OF MONUMENT COAL SEAMS Concrete monument 2' x 2' x 3' (NAME) Marked "O.L.O. #1067 (NAME) (NAME) (NAME) 6th and that the work of plugging and filling said well was completed on the day of , 19 59 August

day

And further deponents saith not. Sworn to and subscribed before methis My commission expires: WEST VIRGINIA DEPT. OF MINES

Notary Public. Way-1172-P

Permit No.

PAIN THANKS THE THIRD THE PAINT OF THE PAINT WATER

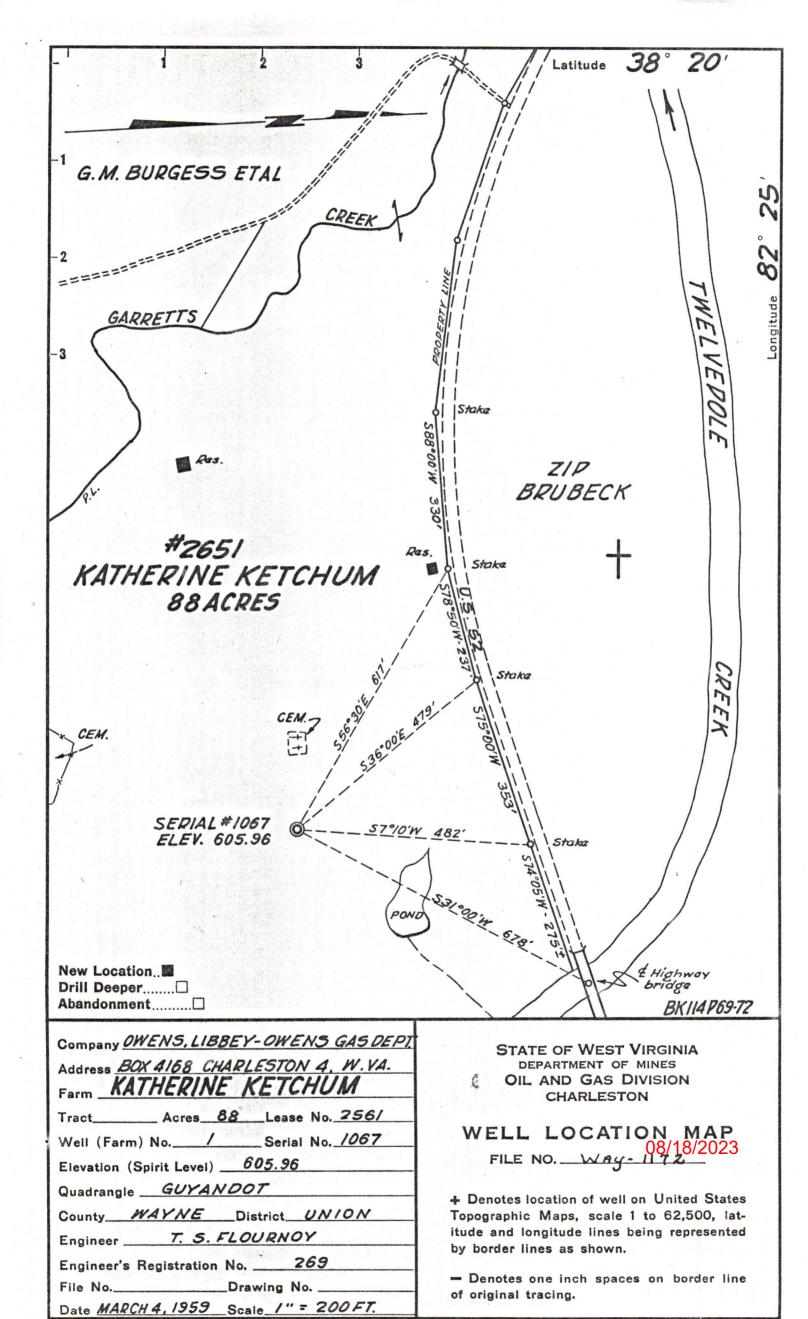
Content	From	To	
bbev-Ovens (ca Department	Owers. Li		Matherine & Dorsey Ketchun
horimadel ast anove-yeld Rock	450	425	
Ja Cement as francis o , 8011	.0 425	372	360 Oalgood Road
Clay or Mud	372	300	(27 bags)
2 60	CL vanguA		Pulled 8-5/8" casing at 299
Clay or Mud	300	115	TIRTY IN MISSELFO AND REPORTS TO A CO.
Rock	115	105	
Clay	105	55	
Rock	55	50	
			Pulled 10-3/4" casing at 47
Cement (TOOL Latries)	50	40	(7 bags)
Clay or Mud	40	0	(1 200)
Ketolium	- Katherine		

Charles Bootin

Clyde Osburn

980 280	BUILD A SELECT		4000		
		वर्वकड	0809	Rock	
for toris now anti-		2010	0000	Contant	
llo Julia ang -	load plag 1933	1930	1970	Rook Bridge	
	(2-1/2 bags)	0.191.0	1930	Cement	
		1560	1600	Rock Eridge	
	(2-1/2 bags)	1550	1.560	Coment	
1 se 1537	Pulled Y" cosin				
		920	360	Rock Bridge	
		870	022	Clary	
		038	078	Nocle	
	(3-1/2 begs)	650	008	Conent	
		529	970	Hock Bridge	
		074	520	Clay	
		1.60	OTHE	Rock	
(OVER)	(3-1/2 bags)	490	004	Concut	
10 - 10 - 10 -	CITO POMEC				
	Concrete Monume				

principle and hilling oil seed and walk and were entroped by Owens, Libbey-Ouens Cos Department will expersive and participated in the work of pluggers and fulling the above well that said of the



4-5 150 IMPERIAL