FORM CG 1



DEPARTMENT OF MINES

OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES, Charleston, W. Va.	
Agee Department Stores, Inc.	Owens, Libbey-Owens Gas Department
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
Room 1110, 1st Huntington Nat'l. Bank Huntington, ADDRESS W. Va.	P. O. Box 4158, Charleston 4, W. Va.
	July 2, , 1956
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
	Stonewall District
ADDRESS	Distric
Same	Wayne Count
OWNER OF MINERAL RIGHTS	Well No. 1 - 994 38° /5' Well No. 1 - 994 32° 25'
ADDRESS GENTLEMEN:	Agee Dept. Stores, Inc 111-3/8 Farm
	ill upon the above named farm or tract of land fo
oil and gas, having fee title thereto, to as the case a	
, made by	F. L. Agee & wife ,t
Owens-Illinois Glass Co. & Libbey-Owens-Fo	
of December 1947 , in	the office of the County Clerk for said County is
Book 36 , page 411	
and County above named, determined by survey and cland marks. The undersigned well operator is informed and lof coal beneath said farm or tract of land on which sa aries of the same, who have mapped their workings a	pelieves there are no coal operators operating bed id well is located, or within 500 feet of the bound and filed their mans as required by law exception the
coal operators or coal owners (if any) above named as	addressees.
desire to make to such proposed location, or which they the drilling of a well at said proposed location will caus coal mines, must be received by, or filed with the Departra a copy of this notice and accompanying plat by said De that forms for use in making such objections will be fron request and that all such objections must set forth as grounds on which such objections are based and indicate the moved to overcome same.	e a dangerous condition in or about their respective ment of Mines within ten* days from the receipt of epartment. Said coal operators are further notified urnished to them by the Department of Mines promptly definitely as is reasonably possible the ground of
(The next paragraph is to be completed only i	n Department's copy.)
	nailed by registered mail, or delivered to the above
named coal operators or coal owners at their above sh or on the same day with the mailing or delivery of t West Virginia.	own respective address <u>Same</u> day before his copy to the Department of Mines at Charleston
Very tr	uly yours,
1311	Owens-Libbey-Owens Gas Department
JUL 1956	WELL OPERATOR
RECEIVED Address of Well Operator	P. O. Box 14158
RECEIVED TO of	Charleston Heat Timeinia
DEPT OF MINES Well Operator	Charleston, West Virginia
12/2000	5 SK 10WK 02/02/202
EC056181712	

*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.

1018

WAY-1018 PERMIT NUMBER



STATE OF WESTEVISCINIA

DEPARTMENT OF MINE

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department or White,

Chicketon, W. Va.

Agee Department Stores, Inc.

Course 1130, let Himbington Heble. Senk P. G. Pox High, Charleston H, W. Te.

Roon 1140, let Himbington Heble.

Roon 25, page 1141.

Roon 26, page 1141.

Roon 1140, let Heble.

Roon 1140, let Himbington Heble.

Roon 1140, let Himbington Heble.

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Roon 1140, let Heble.

Roon 11

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for all and gas by the undersigned well oppositer on the farm and in the Magisterial District and Courty above comed, determined by survey and courses and distinces from two permanent points, or lead marks.

the understruct well operator is informed and believes there are no ocal operators operating bods of coal nements will larm on 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 (it day) above named as addressees.

the above named coal operators or coal owners (if any) are notified that gav objections they may desire! 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 logation will cause a dangerous condition in or about their respective coal intree, must be received by or filed with the libraryment of Mines within ten, days from the receipt of a copy of this cotice 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 sat torth 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 cost operations or cost owners at their above shown respective address. Some day before, or the same day with the mailing at delivery of this copy to the Department of Mines at Charleston. West Virginia.

02/02/2024

Vorv Liply yours

Owens-Libbey-Owens Gas Department
well operation
P. O. Bor LASS
start
crack
Charleston, West Virginia

NWOT RO YTTO

BTATE

Section 3. . . If as such objections he filed or be found by the department of mines, within part partid of ten days from the receipt of and notice and roler by the department of menes to said proposed location, the department of and filed of such plat, that no objections have been made by the filed of a to be a found thereof by the department, and that the same is approved and the well operator authorate, to moded to did not said location.



A-10

Plan of Operation for the Flaring of Natural Gas Under Code 22-4-14



Purpose for Flaring Gas:

OIL & GAS DIVISION
DEPT. OF MINES

The 4 wells indicated will be flowed through their existing gathering system against a simulated 75 psig back pressure. This test is being performed to determine the deliverability and the amount of H₂S associated with this gas. This criteria is needed to determine the design specifications for an amine plant to treat this gas, and to determine if it can be economically justified.

The flare stack will be manned 24 hrs./day. H_2S monitoring equipment and survival air equipment will be on location at all times. Gas samples will be taken throughout the entire test.

02/02/2024

Bon

Formation	Color	Hard or Soft	Top g	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	dark	soft	1004	1017			and the second section of the second section is a second s
Lime shells	dark	hard	1017	- 1029			
Lime	dark	hard	1029	1034			
Red rock	red	soft	1034	1037	ABREL TERS	1 TAS! 30 YE	% 70' 65 700°
Slate	dark	soft	1037	1057			
	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.						
Lime shls	dark	hard	1057	1059		9 at 10 at 1	
Slate	dark	soft	1059	1061		No. of Page 1	The second second
L. Lime	dark	hard	1061	1090			
Slate	dark	soft	1090	1097	Water leve	1 60' at 110	6
Big lime	white	hard	1097	1270	SLM 1106 =	sand LM 110	6
Tabe M	LIGA	30,00	205	RIS	10/21/58 F	an 8-5/8" cs	g. at 1119' on
Sand	LL GA	8510	780	105	shoe.		3
P3-968	gask	Corr and	一 。而了一点	1190-		LM 1234 = sa	nd T.M 1233
Sand	grey	hard	1270	1276	10/2// 00	mii 15)4 - 36	לכשו וות חוו
	red						
Big injun		med.	1276	1301			
Big injun	grey	med.	1301	1450		age 4 both	
Slate	dark	soft	1450	1659			
shells	dark	med.	1659	1662		19: F BER 1	
Slate	dark	soft	1662	1794		366	
Slate	dark	soft	1794	1806			ISP TASIS.
Shells	dark	hard	1806	1819			Syn, call our
Slate	dark	soft	1819	1875		1 2 2 2 3	THE TENT TO THE T
				1886		THE CO.	20 10 10 10 10 10 11
Shale	brown	soft	1875				14
Berea	light	hard	1886	1887			
Berea	grey	hard	1887	1894		= sand LM 18	
Slate	dark	soft	1894	1895	Gas 1895	- 548	Cu. Ft.
Berea	light	hard	1895	1905	Test 1899	- 10, T324	in This, it The
State	Low	500,0	53	31	" 1905	- 245	11 11
Berea	grey	hard	1905	1906	Water 1906		H. per hour.
Dam oce	ASJIOM		1,0)	1,00			per nou.
	17	1 000 B			Hole reame	d to 1896.	STITE ALTALDO.
						100# Gelatin	
	Color	100000	3,00	Buttern		t after shot	
					12/16/58 S	hot with 2 s	hells Gelatin
	3,148,249,	and the same			from 1885	to:1907=	
	0 11.0 010	DOI:			Mark Control of the C	the second secon	I drop jack to
and a made	The Production of	Barrana et au				crooked hol	
	K TOTAL STREET					t with 1 - 7"	
				.10		h 200# Gelat	in.
	(S)(1)					shot 1908=	
				I FE		1898章。	The Therene
ARCH MACHINE			The second second second second		Time bomb	set for 4 hr	5.
				JIO JAME	Shot at 5:	BO P.M. 1/6/	59.
Sandy shls	grev	hard	1908	1910			1909'7" with
Lime shls	grey	hard 500	1914	1928	"Oilwell"	plen	17/0/ (WIOII
Slate	light	soft	1928	1932	OTTMETT	DKI.	
					0 3015	60	MOTO
Lime shls	grey	hard	1932	1961	Gas 1945	6.0	
Slshls	white	soft	1961	2008	Test 1990	4.1	
Br. shale	brown	soft	2008	2071	" 2028	3.4	MCF
21 (1) 223	10000 E 45	LACTOR DAMAGE	TAKE THE		" 2071	3.1	MCF
3/19	.25 .1 /2 mg	13510	3785	Calabratic Cased	SLM 2071 =	sand LM 207	2
Slshls	brown	soft	2071	2121	Test 2121	2.7	
	white	soft	2121	2263	7 200 4 25	200130 -	
					To at 2280	1 01.	MOTO
Br. shale	brown '	soft	2263	2551	Test 2280	2.4	
America, affigua e	or caused plan	Les nebre - L	Juss -	Specific Commission	6)1)	Committee of the Commit	MCF
		The state of the s		211	1 1 2498		Cu. Ft.
	200	A STATE OF THE STA	Seal Value	37 5/8n 4	Gas? 2548	1.5	MCF
Lime shls	light	med	2551	2562	SLM 2562 =		
Br. shale	brown	soft	2562	2780	Test 2614	1.3	
					" 2697	Same	
" J. (8	91.15] HOO!	2	EL-4 651.59	10	" 2795		
TOTAL CARREST	LD	a - 01		0000	2175	1.2	MCF
white slate	The same of the sa	soft	2780	2980		The second second	
Br. shale	brown	soft	2980	3015			
Dark lime	dox along	Vantusseon,	* 43.	Manne		Ac-II	N. Market Str.
shells	dark	hard	3015	3020		Polic in	T'ackets
	brown	soft	3020	3029			
WI DISCLE				3120	Test 3041	080	C. D4 KIND
	TTOTTO						
	-white	hard	3029	2120		sand LM 812	Cu. Ft.

APPROVED Owens, Libbey-Owens Gas Department, Owner

By
A. H. Smith (Title) Geologist



DEPARTMENT OF MINES STATE OF WEST VIRGINIA

OIL AND GAS DIVISION &

Water at 295, 448il pues med. 8 BBH 2178 685 tjos Slate dark 289 5179 Water at 249, 4 BPH 672 3775 med. dark Sand tjos gerk Slate 21/2 3/t" csg. on shoe 10/2/58 Ran 10-Sand .bem Tight 550 **T65** TIENT Sand tjos **765** 6LI tjos Sign SIste 6LI TST PJack Cosl 67I tjos TST 67T THE 1,108 grey Slate ग्ठा उपडा light Water THE tjos Sand tjos Mean Slate 53 TE SLGA 1,Jos Sand 53 8 1Jos AGJJOM Surface .82/91/9 silis noitsbanol ni gaittu9 Hard or Soft Bottom Color Formation Kemarks Fresh Water 40, 142, 249, 295, Feet Salt Water 754, 788, 821, 1106, Feet 1906 ROCK PRESSURE AFTER TREATMENT RESULT AFTER TREATMENT MELL FRACTURED FEET INCHES INCHES MELL ACIDIZED ST INCHES TUS- FEET FEET INCHES .bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT 31-8 FEET 24 Rock Pressure 1375 -sdl-580 Volume I Big Six Sand 130 M Cu. Ft. CYZING CEMENLED Date /10ths Mere, in-Tuch /10ths Water in Oben Elow Inch Perf. bottom. Liners Used Perf. top-335714" STILL S Perf. bottom. 11 L Drilling commenced. Perf. top-85/62/6 "OT 1906T iiL REXIES JII Mineral rights are owned by Agee Dept. Stores Wayne, W. Vs. 118081311 11 11 XXXXX Depth set Bottom Hole Pulled 18861211 Address 118/5 348 Wayne, W. Va. 111171811 "817TIT The surface of tract is owned in fee by Agee Dept. Stores 10 3/11 Size of 7X8/2-8X7 to sziz 1921211 192121 District Stonewall County Wayne 13 oftom Hole Kind of Packer "Oilwell" Well No. 1 (Serial #99L) 91 Location (waters)_ Warm Agee Dept. Stores "A" Company Owens, Libbey Owens, Gas Department Address P. O. Box L168, Charleston, W. Va. Used in Drilling Left in Well Packers OSIOL-VEW oN Jimra 9 Strong Pormit No. Oil or Gas Well. MELL RECORD Mayne

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Water leyel 100; at 754, 70' at 788,

B-4

Formation	Color	Hard or Soft	Top 8A	Bottom	Oil, Gas or Water	Depth Found	Remarks
		up t tup	thing out:		left in he Bottom of Pottom of Tests: 116 H 123 H 1/2/59 She powder from Tamped with T. B. set Test B.S:	bit 3780 to 3rd shot 37 rs. 100 rs. Same t well with m 3729 to 3 h 117' pear for 3 hrs.	3773. 70 4300# Hercules 770. gravel.
					30 mi	n. 1416 1	MCF.
Sand Fig 6	Siev S	56.44 50.74	3772	3000	8 hrs Well open 4/6/59 40 hr 78 hr 96 hr	over weekendes. 125 s. 132 s. 125 t well in in	n 3164 velstin
Com. Map	dark	hard	3120	3475	T. D. 3776 Final test	Flow estim	CF 323T
Formation.	Coter	2941 20. parija	dan s	Porton	on more	nuhin.	Remarks
WELL ACCHIN	E LACE Y LICES	SEVINIONE S	Aprilati in the Current	1 2 Miles	T INC		
Rock Beauty		n po	The state of the s	oon Char	THE OTHER PROPERTY.	Yd. B.E	DE NUMBER
Drilling complete Drilling complete into Shot.	d Tao		The synat	Linux Dieta.	My a UD	SIVE NO.	ch com
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The latters of the	int is owned a	600 ph 1,200p		10 V			r of the section
Law weed b	app. abore		Service Control of the Control of th	10 Table 10		A. A.	nd of Packet
Address ox	a, thibbey-	ntens las le Lasion, M. *	or eneme	facility and	12 Stars		Packeto
many per ser.	-1018		And the Property	RECORD		OH OK 1780	/02/2024

Date April 23 APPROVED Owens, Libbey - Wens Gas Department

A. H. Smith, Mgr. (Title)
Land, Engineering & Geology

7#

Quadrangle 4505/20/20 Permit No. Wayne

Mayne



DEPARTMENT OF MINES STATE OF WEST VIRGINIA

OIL AND GAS DIVISION & A

-9T

METT BECORD

/10ths Mere, in /10ths Water in Open Flow Inch. Date Shot Drilling completed. Drilling commenced— Mineral rights are owned by The surface of tract is owned in fee by--County-Location (waters) Farm Agee Dept. Stores "A" Address Box 4168, Charleston, W. Va.

Company Owens, Libbey-Owens Gas Department

orn. Lime	dark	hard	3750	3772	25 25 = 358 = 3\5\28 28 = 3\5\28 28 1	Same Same sand LM 3329 to the stand LM 3329 to the sand LM 3329 to the sand LM 3329 to the sand sand sand sand sand sand sand sand	sal, water set 33281,
Formation	Color	to braH thoS	qoT	Востоп	Oil, Gas or Water	Depth	Remarks
RESULT AFTI Fresh Water				Salt Water		Jee Teet	080
MELL FRACT	ивер						
METT YCIDIX				HEE.	T	aaa sa	LINCHES
Oil ACIDIZ	u.		1911 FE AST 4:0199-	जञ्ज —	T	ES LEE	LINCHES
Rock Pressure_		-sq[.srdbbls., 1st 24 hrs.	COVE WAS E	NCOUNTERED	AT FEE'	LINCHES
Volume	'a ratu Suant /	100 100 000	Cu. Ft.	CYZING CEW	ENLED	IZE No. I	J. 1.0

Liners Used

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While cleaning out:

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T. D. 3800

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Slate

Sand Big 6

EOT :8.4.82 103 " 18 hrs. A.S:

powder from 3740 to 3791.

133 hrs. 3018 (5.78) 109 hrs. 30.7

1.19 1 . san 19 " Test 88 hrs Test

19/59 Shor to 3792.

PILE MI pues = 8178 MIS

:S.A .nim 21 "

.S.A . Th I "

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Test B.S:

3/53/59

Test B.S:

083 3742-46 Test 3750

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9.65

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24.8 25.9

3/19/59 Shot well with 316# Gelatin

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Perf. bottom.

Perf. top

Perf. top-

Depth set_

__lo szi2

Left in Well

Oil or Gas Well.

Used in Drilling

Kind of Packer-

Packers

Perf. bottom-

SSOO# Hercules

B-5.

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1018			Oil o	r Gas Well 1-	994
Company Owens Libby Owens Gas Dept	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS MHAR
Box 4158 Charleston, W. Va.	Size			bealf igits	Filling Mat
Farm Agee Dept. Store, Inc. Tract	16		1013.05	Kind of Pac	ker
Well No1-994	13	Classifi	नि महन्त्रत द श	A TIBELL SELL A	
	10	1119'	E-4000 W	Size of	FREMES.
District Stonewall County Wayne	81/4				
Drilling commenced	65/8	18861		Depth set	
	5 3/16				
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shot	2			Perf. botton	1
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	1
VolumeCu. Ft.	. CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbshrs.					
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh waterfeetfeet	FEET_	INCH	IES	_FEET	INCHES
Salt waterfeetfeet	FEET_	INCH	ES	FEET_	INCHES
Drillers' NamesA. B, Call					rgd funted
Dewey Holton					
Remarks: Drilling depth 1906; b Water broke in under pipe. Se	ad hole bel tting Hydra	ow Berea	Sand;	shot bad	hole.

11-20-58

DATE

JW. Packs DEPT. OF MINE.

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No	TiO.				Wei	I No	will Cause
COMPANY			ADDI	RESS			
ARM	VILETERAL PROPERTY AND DESCRIPTION OF THE PROPERTY AND DESCRIP	DISTRI	CT	CC	UNTY	citent	
Filling Material Used						A XO	- Vandam
				• 13 V	.W thouse		aes bb
Loca Loca	ation	Amoun	it	Packer .	Location		
PLUGS USED AN	ND DEPTH PLACED			BRIDGES	CASIN	G AND TU	JBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTI	RUCTION-LOCATION	RECOVERED	SIZE	LOST
	1.38		1	##1 APM Ann	1		initia)
Jes filget						en legigo:	nan gaillr
			37.0.5	dimension	7	1.0004	enco seilla
god fre'i			8				
Perf. buttom				toris he	mbge(l		to is a fa
Perf. top			met Fareni.1		00\		is many latin
motind PoT pa				deal ni meMisi	liots.	ម្នាក់ដែល ។	alkie van fil zeni
Patient Patient	SWE	MENTED	TO BUILDADE	TM 60			200 - 1, 30/160
				and S.	e aff		110 - 1914 - 33
partition and and	THE PROPERTY OF	STATE OF STREET	FIRM IVAL	word to not play to			
Orillers' Names			871	409 2 200	Lideli		1533,99 11
Remarks:				FF	2.77 GI S		
					so et en		
				nodí	oll yewell		
and bed dode.	erea Sand; dacks to p	elow B raulac	d hole h	pur 1906'; ba er pipe. Set	iling de le in und	inu doud	
2000年1月1日	I hereby certify I	visited the	above well on	this date.			
DATE							00.17

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No	WAY-	.1	01	8
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Oil or Gas Well 1-994

Owens Libby Owens Gas Dept. Company P.O. Box 4158	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address Charleston, West Va.	Size			
Farm Agee Department Stores, Inc.	16		TO HOME	Kind of Packer
Well No. 1-994	13		Towns on a	1 48-1 20 to 19
District_StonewallCounty_ Wayne	81/4	11191		Size of
	65%	18861		Depth set
Drilling commenced	5 3/16			
Drilling completedTotal depth	3			Perf. top
Date shotDepth of shot	2			Perf. bottom
nitial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
/olumeCu. Ft.	CASING CEME	NTED	_SIZE	No. FTDate
Rock pressurelbshrs.				
bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET 9011 INCHES
resh waterfeetfeet	FEET_	INCH	ES	PEET DEC 195 HCHES
Salt water <u>feet</u> feet	FEET	INCH	ES	FEETINCHES
Drillers' Names A. B. Call				WEST VINCINIA
Deway Holton				6857585285AFEB

This well was drilled through Berea Sand; got bad hole and shot same, after which water broke in under the 7" casing, which was set through the Injun Sand; pulled 7" casing out but have not run it back yet; No one at well at time of inspection and I assume they have not got Remarks: hole straightened yet.

12-2-58

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No					Wel	No	
COMPANY	2 iili A		ADDI	RESS	110	1-134	, and hearth
FARM	ALTERO PERO	DISTRIC	T	. Janu and acc	UNTY	87041	
					teta me		
Filling Material Used				• 3		9 1 2 2 1	
Liner Loc	ation	Amount		Packer	Location		
	ND DEPTH PLACED			BRIDGES	CASIN	G AND TUI	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONST	RUCTION-LOCATION	RECOVERED	SIZE	LOST
CEMENT-THICKNESS	WOOD-SIZE	J	CONSTI	MATY SHE	RECOVERED	13 Warring	I G Hylane
	7.30	1					
					Sauce		
				Facility Angels face		a Transfer	entin geriller
and a control of the				, more and the M	18090		
a Lind Pot			eseli alieni	difficulty design of	0.00		ilisue luits
world her 2					engy .	anidas vi	
esc. Ti off	ANGLO-LA	LANCE THE PARTY.	TO SHITE ALL	PM +0			Access of the top
							proserra du
many profession of the Paris survey of							
27 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -							
Drillers' Names	PRINTER.	The second		730			
Remarks:					0		
isa Jona bus eldi Aguorda Jellus ; Jag albas J Jeg Jon svad	f muri don at			onis ballina Si okasiono iapo PV ballin Jani 10 Sikka			
	I hereby certify I v	risited the ab	oove well on	this date.			
DATE							

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

	Permit No.	WAY-	1	0]	8
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Oil or Gas Well 1-994

	5.921	BOGA		(KIN	(D)	ON COMPA
Owens 1	Libby Owens Gas Dept. ox 4158	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS MAAY
Address_Charles	ston, West Va.	Size				
Farm_ Agee De	epartment Stores, Inc	16		Tolono.	Kind of Pack	cer
Well No. 1-99	4	13		THITTE AND	18 (18 Car 20 (27))))	
2023	lWayne	81/4	1119'	107 1	_ Size of	THE WILD
Drilling commenced		65/8			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 inInch	Liners Used			Perf. top	
Open flow after tubing_	/10ths Merc. inInch				Perf. bottom	
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.					
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES
Fresh water	feetfeet	FEET	INCH	ES	FEET	_INCHES
Salt water	feetfeet	FEET	INCH	ES	FEET	_INCHES
Drillers' Names	Dewey Holton					Remarks
	Boyd Dotson					
Remarks: Ream	ing and straightening	had hole	@ 19081.			

12-18-58

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	II No						
COMPANY	sa-liti aix		ADDRESS			a ulia tintio					
FARM	DISTRICTCOUNTY										
Filling Material Used					The ST	and the second					
Liner L	ocation	Amount	Packer	Location	12 000g						
PLUGS USED	AND DEPTH PLACED		BRIDGES	BRIDGES CASI							
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST					
			· · · · · · · · · · · · · · · · · · ·	must a little and a	LEWEITE						
and the state of t				Carrier C	sample J	mida galilim					
			57 \ 8.0 \ \ 1 \ \	red Table 1		mak gadir					
and their		Copyright and the state of									
Fert button				to theil		pulleys are					
dol lank			section of the section of the section	28 91\		n ar de light.					
manus manus manus de la companya de			and the second second	E/1617	poden e	As well gar					
William William	SAME SAME	SELECT OF MAIN	a remarka a sur a su								
						ACTION AND					
P. A. P. S.	- 12 MA 19 TAVA	10071/05/1/09	A.W. MANCE Logic Like part , which								
Orillers' Names	BARN NA	711				9.13.9 11					
						Made in section (III)					
Remarks:											
	.180										
DATE	I hereby certify I	visited the ab	ove well on this date.								

ate:	_	May	10	>		_,	19 84	
pera lell			e De	ept.	Sto	re	A-1	
PI W	lell				099		1018	

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

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATO	OR <u>Cabot 0il</u>	& Gas Co	rp. of WV	DES	IGNAT	ED AG	ENT Robe	rt E. Hor	rell	
Addres	s P.O. Box	628		65	Add	ress	P.O. Bo	x 628		
	_Charlesto	n, West V	irginia 25322	2			Charles	ton, West	Virginia	2532
GEOLOGICAL :	TARGET FORMATI	ON:	Box Six Sa	ind			_ Depth _	3742-379	1	feet
				Perforat	ion :	Inter	val Shot	3729-379	2	feet
GUIDELINES F	FOR TESTING:									
2- A 24 3- Unif 4- Meas	orm producing surement stand	into pipel rate durin	flared lines or tanks ng the 24 hour r Form IV-39, h producing fo	test per		7 -		(<u>see</u> Regu ion	lasion Si.	0:)
CTA	RT OF TEST-DATE	Back F	ressure TE	ST DATA						
5	/3/84	11:45 am	END OF TEST-	DATE	TIME 00 pm		DURATION 55 hrs.	OF TEST		
	ing Pressure 250 psig	CASING PRES	-0.12	OR PRESSURE		SEPAR	RATOR TEMPER	ATURE		
		NG TEST GAS	PRODUCTION DURI	NG TEST WA	TER PR	ODUCTI	ON DURING T	EST & SALINI	TY	
	GRAVITY	bbls.		Mcf METHOD (FIG					<u> </u>	
		•AP	1		owing,	p (mp)	ng, gas IIT	T, etc.)		
			CAS P	RODUCTION					_ ::::-1	
	SUREMENT METHOD .	FIPE TAP		NODOCTTON .	PO	SITIVE	CHOKE			
	ICE DIAMETER	THE INF	PIPE DIAMETER	B (INCIDE DI	0.0		FLOW FROVE			
DIFF	ERENTIAL PRESSU	DE DANCE								
		RE RANGE	MAX. STATIC	PRESSURE RAN	IGE	PROV	ER & ORIFICI	DIAM IN	•	
DIFF	ERENTIAL		STATIC				GRAVITY (AI			
GAS	GRAVITY (Air-1.	.681	FLOWING TEMPE	RATURE			TEMPERATURE	ESTIMATED	0 -	
24 H	OUR COEFFICIENT						OUR COEFFIC	ENT		
						PRES	SURE -			
-			TEST	RESULTS		1 / 110 07		PS	ala	
DAIL	Y OIL	DAILY WATE	R	DAILY GAS			GAS-OIL F	RATIO		
The real parties of the second	bbls.		bbls.		55	Mcf.		SCFAT	F.	
H ₂ S Tot	S = 51.80 p cal sulphurs		ppm	C	ABOT	OIL		RPORATION	OF WV	
					0		Well O	perator		- Company
				Ву: _	Ko	ber	+ E Ha	nell		
				Its:	Di	stri	ct Produc	tion Supe	rintenden	t

C-7

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1018	X-441A		Oil o	r Gas Well 1-	994
Owens Libby Owens Gas Dept.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS MALA
P.O. Box 4158 Address Charleston, West Va.	Size			Beall Igne	illing Mac
Farm Agee Dept. Stores, Inc. Tr.	16		407789	Kind of Pac	ker
Well No1-994	13		११८ वर्ष वर्ध	FREE BORRE	
District Stonewall County Wayne	81/4	1119'	r SOUS DE	Size of	CRAMES
	65/8	1911 1 1		Depth set	
Drilling commenced	5 3/16			Depth set	
Drilling completedTotal depth	3			Perf. top	
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 CEMEN	JTED	CIZE	N. To	
Rock pressurelbshrs.			_512E	No. FT	Date
Oilbbls., 1st 24 hrs.					
	COAL WAS EN	COUNTERED A	AT	FEET	_INCHES
Fresh waterfeetfeet	FEET_	INCHE	S	FEET	_INCHES
Salt waterfeetfeet	FEET_	INCHE	S	FEET	_INCHES
Orillers' Names A. B. Callen					restanne it
Halden Moore					
Remarks: Cemented bad hole with run 1911'6" of 7" Casing. How will not run below pipe. Will drill.	112½ sacks le has not l try star	s cement; started to bit to se	drille	et. Tool	out an

2-4-59

DATE

DISTRICTO 2/02/2024

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.					Wel	I No				
COMPANY			ADDR	ESS			or mmay			
FARM	91 YELL - 141 OL	DISTRICT	Pinaka i							
					ag.La xui	.0.1	Anadino			
Filling Material Used				. AV.	201(12.5)	351750	Magazina da A			
Liner Lo	cation	Amount		Packer	Location	el .nej	14 / 17 / 18 / 18 / 18 / 18 / 18 / 18 / 18			
PLUGS USED /	AND DEPTH PLACED			BRIDGES	CASING AND TUBING					
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTR	UCTION-LOCATION	RECOVERED	SIZE	LOST			
	1.11	ar al			P3		A THE STREET OF THE STREET			
The state of the state of			37.0			beafer	ogos solled			
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Perft top s					102.1		i joi piu			
Perf. hejming				tolk i	e Highland					
			eath control	dontam -sateW u	df01/		Burge Taklit			
Fort, bottom.				dealani bisMi	/101\	Sud Fi	sta well on			
			n custo an	17 101			amula			
No. F.T	3818	MENTAL								
				PVI TO THE TOTAL TO THE T	5 M 5					
ESTRUMATE STORY	## 020#	OATTYPESTA .	<u> </u>							
			Sept 200							
Drillers' Names	Zantavit.				the Port of the second					
Remarks:				Callen	. H A.					
ons Joe Jummao b	777726 774.14									
				Casing. No.		don 1	odia Liv tub			
DATE	_ I hereby certify I	visited the a	bove well or	n this date.						
· 大型 计图像 1000						1	(¢-1-5			

02/02/2024

C. S.

July 9, 1956

Owens, Libbey-Owens Gas Department P. O. Box h158 Charleston, West Virginia

Gentlemens

Enclosed are permits for the drilling of the following

wells:

Permit No. Well No. Farm

Way-1018 1-Sr-99h Agee Department Stores, Inc. Stonewall Butler

Very truly yours,

Administrative Assistant OIL AND GAS DIVISION

CNH:K Encl-2

CC: Inspector O. C. Allen

E 2.9.

January 14, 1957

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

Gentlemen:

Please send us two copies of the well record of well No. 1-99h on the Agee Department Stores, Inc., Stonewall District, Wayne County - permit WAY-1018.

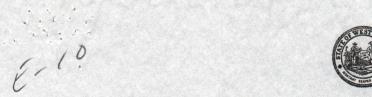
We will appreciate receiving this information as soon as possible for our 1956 Annual Report.

Very truly yours,

Administrative Assistant OIL AND GAS DIVISION

CNH:K

mis Danis ealled 1/25/56 not yet drilled



DEPARTMENT OF MINES CHARLESTON

February 21, 1958

C O P

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

Gentlemen:

Please send us two copies of the well record for the completion of the following Wells:

Permit No.	Well No. Farm	District
WAY-1006 WAY-1007		Stonewall Stonewall
WAY-1018	1 - 99h Agee Dept. Stores, Inc (111-3/8 Agres)	Stonewall

We will appreciate the information without delay. If these wells have never been drilled, please give us that information so that we will be able to cancel the permits.

Very truly yours,

Director
OIL AND GAS DIVISION

RFT/m

cc Mr. Ivan T. Henson, Inspector



DEPARTMENT OF MINES

CHARLESTON

February 21, 1958

Omens, Libby Owens Gas Department P. O. Box L158 Charleston b, West Virginia

Centlemen:

Florar send us two copies of the wall record for the completion of the Tollowing Wells:

Julyaid mont .on lind .on diamet

WAY-1006 hS Sr.-985 Moord-Saldwin Stonewall WAY-1007 16 Sr. 989 Moord-Saldwin Stonewall WAY-1016 1 - 59h Agec Dept. Stores, Inc

Lisacota (sersa 8\E-III)

we will appreciate the intermetion without delicate the stat that the wells have never been drilled, please give us that intermetion so that we will be able to cancel the permits.

Very bruly yours,

Director Olk AND OND CIPISION

48 7 7 7 7

co Mr. (ven I. Memoon, Inspector

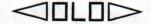
E-11

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



September 25, 1958

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

Gentlemen:

Please reinstate Permit No. WAY-1018 issued to us on July 13, 1956. If you will notify us at your earliest convenience, we will appreciate the favor.

Yours very truly,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

Eleanor Davis
Land Department Adm.

ED



OWENS LIBBEY-OWENS CAS DEPARTMENT

S793 MACCORKLE AVENUE

CHARLESTON 4, WEST VIRGINIA



September 25, 1936

Cil & Ges Livision Charleston, W. Va.

Contlement:

Places reinstate Permit No. WAY-1015 issued to us ***
on July 13. 1356. If you will not!? us at your earliest
convenience, we will appreciate the layer.

Yours very truly

CHARS. TARREN-COMMISS CAS DIFFARMENT

France Schule Eleader Blyke Isnd Depertions lin.



E.R. Prichard 47-099-1275 Agee Dept. Store A-1 47-099-1276 Operator Well No. 47 - State County Pe Plan of Operation for the Flaring of Natural Gas Onl & GAS DIMISION DEPT. OF MINES Well Operator: Cabot 011 & Gas Corp. of W Address P.O. 80x 628 Charleston, West Virginia County: Wayne Quadrangle: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house #800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ S content. Time perion (Days) in which gas is to be rlared and Why. Approximately 3-7 days we will be tested thru oathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Hornell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test" OFFICE USE ONLY This plan approved subject to the following modifications on this day of MA. 1974. (See attached flared See attached Subject to the following modifications on this day of MA. 1974. (See attached See	KAG WELLS:	Gypsy Wright #1	47-099-1182	Date: April 30	19
Agee Dept. Store A-1 47-099-1018 API Well No. 47 - State County Pe Plan of Operation for the Flaring of Natural Gas Under Code 22-4-14 EPT. or MINES Well Operator: Cabot Oil & Gas Corp. of WV Address P.O. Box 628 Charleston, West Virginia County: Wayne Quadrangle: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house i800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ S content. Time period (Days) in which gas is to be rlared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test" OFFICE USE ONLY This plan approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifications on this and approved subject to the following modifi	7				
MAY 1 - 178 Plan of Operation for the Flaring of Natural Gas ONL & GAS DIVISION EPT. of MINES Well Operator: Cabot Oil & Gas Corp. of MV Address P.O. Box 628 Charleston, West Virginia County: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house #800' Nearest road County Route 37/12 Furposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ content. Time period (Days) in which gas is to be flared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test")ECEIVIEIN			_	
Plan of Operation for the Flaring of Natural Gas Under Code 22-4-14 EPT. of MINES Well Operator: Cabot Oil & Gas Corp. of WV Address P.O. Box 628 Charleston, West Virginia County: Wayne Quadrangle: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house ±800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ S content. Time period (Days) in which gas is to be tlared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test"					County Permi
Under Code 22-4-14 EPT. of MINES Well Operator: Cabot 0il & Gas Corp. of WV Address P.O. Box 628 Charleston, West Virginia Location County: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house #800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ S content. Time period (Days) in which gas is to be flared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test" OFFICE USE ONLY This plan approved subject to the following modifications on this Aby of MAY.	MAY 1 - 1984	lan of Operation for	the Flaring of	Natural Cas	
Well Operator: Cabot Oil & Gas Corp. of WV Address P.O. Box 628 Charleston, West Virginia Charleston, West Virginia MAY 2 1 1944 Location County: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house ±800' Nearest house ±800' Nearest house ±800' Nearest noad County Route 37/12 (See attached map) Furposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H2S content. Time period (Days) in which gas is to be flared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test" OFFICE USE ONLY This plan approved subject to the following modifications on this section of the submitted along with Form IV-36 "Gas-Oil Ratio Test"				Natural Gas	
Well Operator: Cabot Oil & Gas Corp. of WV Address P.O. Box 628 Charleston, West Virginia Charleston, West Virginia Charleston, West Virginia County: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house 1800' Nearest house 1800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H2S content. Time period (Days) in which gas is to be tlared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test" OFFICE USE ONLY This plan approved subject to the following modifications on this see the state of the production of	EPT. OF MINES				
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Location County: Wayne	Address P.O. B	80x 628	DECEIVA	Address P.O. Box 62	28
County: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house ±800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ S content. Time period (Days) in which gas is to be rlared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-0il Ratio Test" OFFICE USE ONLY This plan approved subject to the following modifications on this day of May of	Charle	ston, west virginia	11.1		west virgin
County: Wayne Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house ±800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ S content. Time period (Days) in which gas is to be rlared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test" OFFICE USE ONLY This plan approved subject to the following modifications on this.		r-	MAY 2 1 1964		
Quadrangle: Wayne Number of Acres Contained in Lease List and Identify the nearest houses, buildings, and roads and the approximate distance to each. Nearest house ±800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ S content. Time period (Days) in which gas is to be rlared and Why. Approximately 3-7 days we will be tested thru gathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test" OFFICE USE ONLY This plan approved subject to the following modifications on this Advanced May of Ma			OIL & GAS CIVIS	ICN Stangard 1	
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Nearest house ±800' Nearest road County Route 37/12 (See attached map) Purposes of Flaring Is gas to be flared associated to the production of oil? No Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H ₂ S content. Time period (Days) in which gas is to be tlared and Why. Approximately 3-7 days we will be tested thru qathering system and flared at central point where all gas will measured. See attached sheet for further details Flaring Operations Hours per day that well is to be flared 24 Person supervising flaring operations Robert Horrell Phone No. 757-700 NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test" OFFICE USE ONLY	•				
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Modifications: (See a Hochel sheet of modifications:	This plan approved s	subject to the follo	wing modificatio	ns on thisday	of MAY
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EM

MODIFICATIONS

- 1) 24 Hours before testing begins notify inspector Jerry Holcomb.
- 2) H_2S levels will be monitored and results submitted to Office of Oil and Gas 24 hours after testing.
- At no time will any person be submitted to more than an average of 20 PPM for eight (8) hours and peak maximum of 50 PPM for 10 minutes in any eight (8) hour period.
- At no time will any person be submitted to more than an average of 20 PPM for eight (8) hours and at no time will have a peak exposure of 50 PPM.

ce to files

Gypsy Wright #1 47-099-1182 E. R. Prichard 47-099-1255 E. R. Prichard 47-099-1276 Agee Dept. 47-099-1018

COLUMBIA HYDROCARBON



May 4, 1984

Bob Horrell Cabot Oil & Gas P.O.Box 628 Charleston, WV 25332

This analysis only reflects the components of the sample received by Columbia Hydrocarbon Corp. Sample received 5-3-84

ANALYSIS RESULTS SUMMARY

Well Name:

Agee Dept. Sore #1

Well Location:

Wayne Co., WV Big Six Sand

Date Sampled:

5-3-84

Sulfur Determination:

Hydrogen Sulfide = 51.83 ppm

Methyl Mercaptan = 21.91 ppm

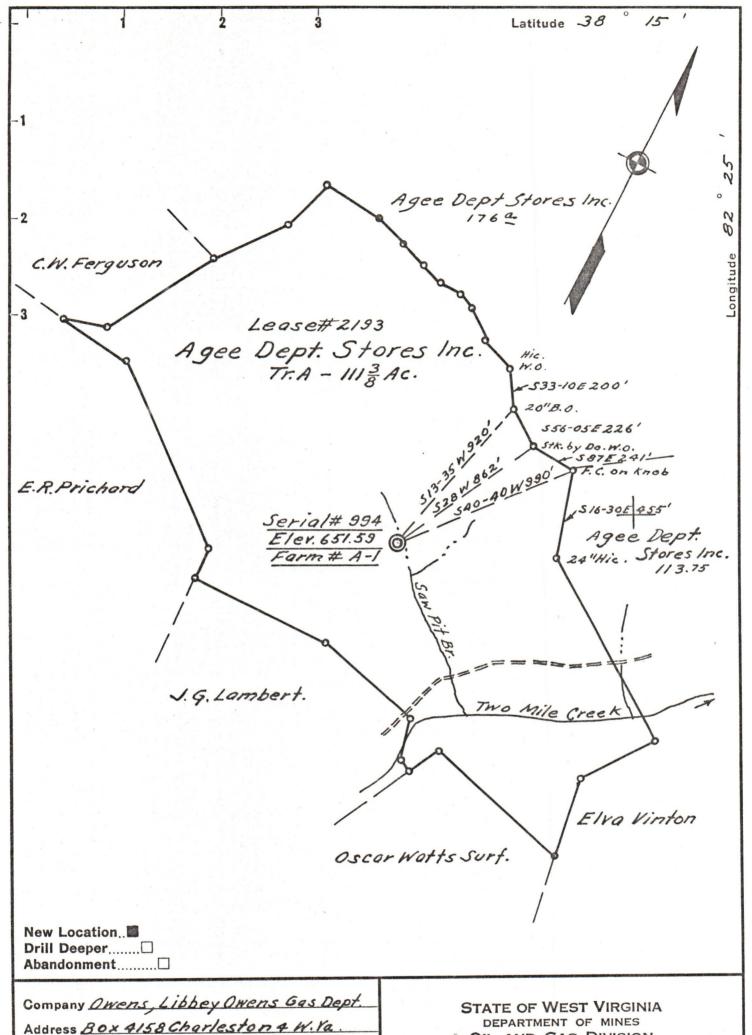
Ethyl Mercaptan = 31.54 ppm (or Dimethyl Sulfide)

Isopropyl Mercaptan = 3.39 ppm

N-propyl Mercaptan = 13.07 ppm

Other sulfurs = 13.07 ppm

Patricia C. Barrow



Address Box 4158 Charleston 4 W.Ya. Farm Agee Dept Stores Inc. Tract A Acres III Lease No. 2193 Well (Farm) No. A-/ Serial No. 994 Elevation (Spirit Level) 651.59 Quadrangle Woyne355.18"W1.08" County Wayne District Stone wall Engineer T.S. Flourmoy Engineer's Registration No. 269 Drawing No.

Scale /"= 500 Ff.

OIL AND GAS DIVISION CHARLESTON

WELL LOCATION MAP FILE NO. WAY- 12/02/2024

- + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

K-E 158 IMPERIAL

Date June 8, 1956

AL ID

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

1100 CITY CENTER WEST POST OFFICE BOX 628 CHARLESTON, W. VA. 25322 TELEPHONE 304/347-1600



OIL & GAS DIVISION
DEPT. OF MINES

May 17, 1984

Mr. Theodore M. Streit, Administrator Department of Mines Oil and Gas Division 1615 Washington Street, East Charleston, West Virginia 25311

Dear Mr. Streit:

Attached are the results from the Cabot Oil & Gas Corporation of West Virginia back pressure test run on four Big Six wells in Wayne County, West Virginia. This gas was flared throughout the entire test. Deliverability and $\rm H_2S$ content for these wells were determined.

Sincerely.

Robert E. Horrell

Robert & Homes!

District Production Superintendent

REH/CCC

Enclosure