

FORM OF T-

STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES OIL AND GAS DIVISION

## NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,		
Charleston, W. Va.		
Earl Ryan and Liddie Ryan		
Rockport, W. Va.	Columbian Carbon Company	
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR	
	Box 873, Charleston 23, W. T	7a.
Lena L. Lemon & Lewis H. Lemon	COMPLETE ADDRESS	
Mineral Wells, W. Va.	August 14, 1950	. 19
OBAL-OPERATOR OR COAL OWNER	PROPOSED LOCATION	
The state of the s	Steele	T
Mrs. Viola Ludwig	Dreete	District
Mineral Wells, W. Va.	Wood	County
OWNER OF MINERAL RIGHTS	W.C. D. C.	390 05'
	Well No. 1- GW-1157 P	1030
ADDRESS	Ford Peron of ol	
GENTLEMEN:	Earl Ryan, et al	Farm
The undersigned well operator is entitled to	I-ill	
The undersigned well operator is entitled to d		
oil and gas, having fee title thereto, (or as the case	may be) under granton lease dated Ma	y 3, 1950
	by Earl Ryan, et al	, to
Columbian Carbon Company	, and recorded on the	13 day
June, 1950	n the office of the County Clerk for sa	
Book 333 , page 209	, , , , , , , , , , , , , , , , , , , ,	ia dounty in
The enclosed plat was prepared by a competent to be drilled for oil and gas by the undersigned well o and County above named, determined by survey and land marks.		
The undersigned well operator is informed and of coal beneath said farm or tract of land on which saries of the same, who have mapped their workings coal operators or coal owners (if any) above named a	and filed their mans as required by law	of the barrel
The above named coal operators or coal owners (desire to make to such proposed location, or which the the drilling of a well at said proposed location will cau coal mines, must be received by, or filed with the Depart a copy of this notice and accompanying plat by said D that forms for use in making such objections will be to on request and that all such objections must set forth as grounds on which such objections are based and indicate the moved to overcome same.	if any) are notified that any objection y are required to make by Section 3 of see a dangerous condition in or about the timent of Mines within ten* days from the Department. Said coal operators are furnished to them by the Department of Mean and the definitely as its reasonably possible to the definitely as its reasonably possible to	said Code, if neir respective the receipt of rther notified lines promptly
(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 slow con the same day with the mailing or delivery of West Virginia.	nown respective addresses	ACCOUNTS AND A STATE OF THE STA
	columbian carbon company	
	by: 0. W. Van Petten, Vice	Pres-
55 1617 1814	WELL OPERATOR	
Color Color	Box 873	
AUG 1950 Address	STREET	
Well Operator	Charleston 23	
CO WINDER OF MARIO	CITY OR TOWN	12/15/2023
	W. Va.	
***************************************	STATE	

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by: C. o. Lan Freder, valuetees.

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COLUMBIAN CARBON COMPANY

903 SECURITY BUILDING
POST OFFICE DRAWER 873
CHARLESTON 23, W. VA.

August 14, 1950

West Virginia Department of Mines Oil and Gas Division State Capitol Building Charleston 5, W. Va.

Re: GW-1157, Earl Ryan, et al #1

Gentlemen:

We enclose the following in connection with the above proposed location:

1 Notice of Proposed Location

Original Survey Tracing

Will you please issue a Drilling Permit?

Yours very truly,

O. W. Van Petten

lw encl

cc-Mr. R. G. Merrick

COLUMBIAN CARBON COMPANY

CHARLESTON 23. W. VA

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August 28, 1950

Commbian Carbon Company Box 373 Charleston, West Virginia

Gentlemens

Enclosed is permit WOO-334 to drill Well No. 1-GW-1157 on the Earl Ryan et al Farm, Steele District, Wood County.

Very truly yours,

Administrative Assistant OIL AND GAS DIVISION

CNH:K Encl-2

GC: Inspector O. C. Howard

## DEPARTMENT OF MINES

Permit No. WOO-	334		WELL	RECORD		Oil or	Gas We	II GAS
company		BON COMPANY		Casing and	Used in	Left in		Packers
Address BOX			V. Va.	Tubing	Drilling	Well		I acaers
Farm Earl Ry	an, et al		Acres	Size				
Location (waters)	Queen	Run	822 CO16	16	21.	21.0	Kind	of Packer Midge
Well No. 1- 0%			Elev.833.5010	13/8" L8#	821 0211	Pulled	Bott	om Hole
District The surface of tra		County		10/4° 40#	1346151	Pulled	Size	of 6-5/8"
The surface of tra	ict is owned in	Address Rook	port, W. Va.	81/4 21/4	22131211	Pulled		
Mineral rights are					1,91,708m	194788#	_ Dept	h set 880 STM
further add	resses co	Address	al pian Carbon Co	5 3/16				
Drilling commence	ed 8-23	<b>-50</b>		3	rint dans	Col Com		top
Drilling completed	11- 9		roroe.	2/8" 4.7#	504613"	504613#		bottom
Date Shot	From	n 2012, 1	5050	Liners Used	591911	59090		top
With 167# L					27.7	25.22.	Perf.	bottom
			Inch		VMED	CIZE	NT. 104	Dat
Volume 198,	AAA		Inch	CASING CEME	reverse si		_No. F t	Da
Rock Pressure								o).
			bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	ATIZOO	FEET	INCHE
Fresh water			feet	FEET_	INC	HES	FEET	INCHE
Salt water 1230	17750	feet	feet	FEET_	INC	HES	FEET	INCHE
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found		Remarks
13			0	16				
te Rock			16 22	5h				
d			54	76				
te			76	120				
Rock			120	130				
Rock			130 150	5/10				
te			240	250				
Rock			250	320				
Rook			320 332	332 350				
e & Slate			350	410				
Rock			410	750				
18			420	432				
te Rock			132 150	450				
10			480	493				
te & Shells			493	519				
Rock			519	525				
te & Shells Rock			525 640	640 657				
te			657	665				
ıd			665	680				
ck Slate			680 72.h	714 720				
nd.			720	740				
ite			740	812		32345	63	
e Shells			812	817		A A	10	2
te l Rock			836	836 967	18	DECTO		
te			967	1000	28293	DEC 19 WEST VIR	4/15/2	2023
Rook			1000	1037	128	DEDADTASENT S	T ABOUT	
ite			1037	1065	TEST.	DEPARTMENT O	IT WINES	47
10 Poole	+		1065	1082	L'is	3	,0	SI
d Rock			1092	1102		CUCI 223	61819	

1112

1170

1102

1113

Red Rock

Slate & Shells

Lime

Sand

B-2

01*DIM=2205*S	TAM .	1170 1208 1210 1235 1290 1325 1343 DIM 1337 SIM 1457 1619 1690 1710 2003 2210 2320 3854 3942 3995 4157 4549	1290 1325 1343 DIM 1337 SIM 1457 1619 1690 1710 2003 2210 2320 3854 3942 3995 4157	S. Water  Oas	1230° 1 1775°	Hole full
	TAM .	1290 1325 1343°DIM 1337°SIM 1457 1619 1690 1710 2003 2210 2320 385h 3942 3995 4157	1325 1343 DIM 1337 SIM 1457 1619 1690 1710 2003 2210 2320 3854 3942 3995 4357			
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		4157	1 0/1 00			Show
- 1003 4984 1		4604 4698	4549 4604 4698 4875°DIM			
e h911°11M-h9 h909°11M-h9		1875°DIM 1880°SIM	14880 °SIM 5022 °DIM 5015 °SIM			
		5015*SLM 5040 5044 5059	5040 5044 5059 5078			
TOTAL DEPTH			50781	Gas Pays:		
						307M 273M
				531 <b>63</b> 00	Depth.	Western Heaverha
		4 174 20 BH		AND MARKET		THE THERE
-3/8" casing circulation	- ran 20	sacks of A s. Columb	quagel ian Carbon	Company Crew		
-3/h <sup>q</sup> casing irculation an	- ran 24	sacks of 4 Columbia	quagel n Carbon Co	apany Crew.		Soften
			quagel		1600 E	FOR W
6-5/8" casing Pips floated	- ran 58 s in. Colum	acks of Ac bian Garbo	nagel n Company C	rewo	Log	pos
or allaways and a particular						
						of Peolen C
				Grant To	12/15	/2023
3- 3- 3- 3- 5-	3/8" casing circulation 3/4" casing culation an casing clumbian Car -5/8" casing	circulation or return 3/4" casing - ran 24 culation and returns.  5/8" casing - ran 26 clumbian Carbon Compan	3/8" casing - ran 20 sacks of A circulation or returns. Columb 3/h" casing - ran 2h sacks of A culation and returns. Columbia 5/8" casing - ran 26 sacks of A clumbian Carbon Company Crew.	TOTAL DEPTH 5078°  3/8° casing - ran 20 sacks of Aquagel circulation ar returns. Columbian Carbon of Sacks of Aquagel culation and returns. Columbian Carbon Company Crew.  5/8° casing - ran 26 sacks of Aquagel clumbian Carbon Company Crew.	TOTAL DEPTH 5078* Gas Pays:  5016-20* 5021-23*  3/8" casing - ran 20 sacks of Aquagel circulation or returns. Columbian Carbon Company Crew.  3/4" casing - ran 24 sacks of Aquagel culation and returns. Columbian Carbon Company Grew.  5/8" casing - ran 26 sacks of Aquagel columbian Carbon Company Grew.	TOTAL INFTH 5078' Gas Pays:  5016-20' 5021-23' 42/10 W.2"  5021-23' 42/10 W.2"  3/8" casing - ran 20 sacks of Aquagel circulation ar returns. Columbian Carbon Company Crew.  -3/h" casing - ran 26 sacks of Aquagel coulation and returns. Columbian Carbon Company Crew.  -5/8" casing - ran 26 sacks of Aquagel clumbian Carbon Company Crew.  -5/8" casing- ran 58 sacks of Aquagel ipe floated in. Columbian Carbon Company Orew.

Date December 4, 19 50

APPROVED Columbian Carbon Company , Owner

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No. 000#3	34 P			We	II No./	? OV 1167
COMPANY Colum	him ban	for 6	address Char	leston	W. W.	OV 1157
FARM Gal Pry	an stal	DISTR	ICT Steele C	OUNTY_O	Nova	7
Filling Material Used		6	lay and come	nt		
Liner Lo	ocation	Amou	nt Packer	Location	ı	area A.
PLUGS USED	AND DEPTH PLACED		BRIDGES	BRIDGES CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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racing the party			4/1/2	o dirett		_trebelet()
2002 (29.7			Tools assiste Host and Total Revenue	d ov		naga tari at
As the Tolkins					Note that the second	970 F 4970 C
		A.C. 14 68				State of
						C 201 X 62
		7	2.9			165
						Transmission (S
Drillers' Names					6	
Remarks:						
						0
		2071	81920			
		1751611	A COCOCO			
	. (5)	DE WEST	C 1951 VIRGINIA SS) -			
19./111 101-1	A CA					
10/14-1951 DATE	I hereby certify I	visited the a	Albove well on this date.	nod		
		K950	ESTITES (RE	Stowa	RICT WELL	NSPECTOR
					12/15/2	023

## DEPARTMENT OF MINES OIL AND GAS DIVISION

Permit No				Oil or Gas Well			
Company	2000	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS	
Address		Size			Pres Transport	all galific	
Farm		16		2 2041890	Kind of Pacl	cer	
Well No	6286 Miles	13			Size of		
District	County	81/4	86 J (25) 1941 1-200 1-24			National Control	
Drilling commenced		6%			Depth set		
Drilling completed	Total depth	5 3/16 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	INCI	HES	FEET	INCHES	
Salt water	feetfeet	FEET	INC	HES	FEET	INCHES	
Drillers' Names						्रिक्षी तडास्तरि	
Remarks:							

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No. Wro # 33	34P				Wel	II No. /=	GN-1157
COMPANY Colin	Ain Ca	uhm	60 ADDRESS.	Charl	lestar (	W	a , 095 signal 9
PID	an et al	DISTRI	11	1	OUNTY C	Woo	R
Filling Material Used	ble	ay an	nd aguay	el and	P come	ut	1/2/11/19/
Liner Loc	cation	Amoun	t P	acķer	Location		。
PLUGS USED A	ND DEPTH PLACED		BRIDG	SES	CASIN	G AND T	JBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION	N-LOCATION	RECOVERED	SIZE	LOST
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Drillers' Names	ames Ir	M.	Charle	Think	hreys		
Remarks:					<i>V</i>	29	max tended
	6	22232425	262720				
	1828	PARTAN VIA	100				
	5161718	PARIMENT OF					
		3/-	MINES				
12/17-1967 DATE	I hereby certify I vi	isited the a	bove well on this da	ate.	n mod	1	
			<u> </u>	U	64 Pu	VILLE TRICT WEL	L INSPECTOR

12/15/2023

## OIL AND GAS DIVISION

Permit No.		Oil or Gas Well					
Company	Free Charles Comments and State Stat	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACE	ERS	
	and Ind House	Size	ě		San There		
Farm		16	Le Santa	101100	Kind of Pac	ker	
		13					
Well No	instruction suppression suppression	10	N. 10	445-296 - 1	Size of	Part of the second	
District	County	81/4					
Drilling commenced		65%	1695	- 10 To 1	Depth set		
D. III.		5 3/16	No.	<u> </u>			
Drilling completed	Total depth	3			Perf. top		
Date shot	Depth of shot	2			Perf. botton	1	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top		
Open flow after tubing	/10ths Merc. inInch				Perf. botton	1	
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				•			
Remarks:		The state of the s				<u> </u>	

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No. OVro # 3.	14 P	- 0		Wel	1 No / S OF / 15-7
COMPANY Colum	han backen	60	ADDRESS	lesta	ON Va.
FARM Gal Ry	an et al	DISTRIC	T Steel C	OUNTYC	Weve
Filling Material Used	Cogn	agel	and cement		47703
Liner L	ocation	Amount	Packer	Location	19 mar 19
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	G AND TUBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE LOST
	Olo an	at	well		District contractors
<u>.</u>			2.81 Ga		interestant smilled
20.73				digat.	and the
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	in course		K INST LASS CALL		e e e e e e e e e e e e e e e e e e e
Orillers' Names					
Remarks:			79/2520		sumski temilino
12/21-1967 DATE	I hereby certify I v		DEC 1951  MEST WHITE OF MINES  Ove well on this date.	20/	* TENNES
				S Voue	RICT WELD INSPECTOR 12/15/2023

## DEPARTMENT OF MINES OIL AND GAS DIVISION

Permit No.				Oil or Gas Well		a de la Maria
Company		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address	Transfer	Size			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M santi
Farm		16		To the state of	Kind of Pacl	cer
		13				
Well No.	TOTAL HOLLANDS - NO. C. C.	10	AND AND		Size of	9191725
District	County	81/4				
Drilling commenced		65/8		<u> </u>	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 CEMI	ENTED	SIZE	No. FT	Date
Rock pressure	lbshrs.					
Oil	bbls., 1st 24 hrs.	COAL WAS E	NCOUNTERED	AT	FEET	INCHES
Fresh water	feetfeet	FEET	rINCF	HES	_FEET	INCHES
Salt water	feetfeet	FEE7	rINCH	HES	FEET	INCHES
Drillers' Names						14814073
			7			
Remarks:						

1-6

DATE

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

### INSPECTOR'S PLUGGING REPORT

Permit No. Wen # 33	44			We	II No.	901115,	
COMPANY Colu	mhan 6	acton.	Co ADDRESS Chi	alestan	0	VVa.	
FARM Gal	Resand	DISTRICT	Steel	COUNTY(	Was	rl	
Filling Material Used	1 61	lay an	I coment				
Liner Lo	ocation	Amount	Packer	Location		Parm.	
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
	Bulling	2"	Luberra	Tell (Ca)		District	
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and the second second			168) 158 M		Surdiff. a	the well used	
- TO 100	The Water	WINDS IN				nestifo e	
			,				
Drillers' Names	mes Prit	4	Black Han	Shower	)	Lateral of Saudi	
Driners Names	max ym		man sum	mycs			
Remarks:					10	mgW 'ersilbid	
		27					
	WEST WEST	N 1952 VIRGINIA	8910772				
12/26-1967	DETAILINE	NT OF MINES	127	,			

Dostrowal DISTRICT WELL INSPECTOR 12/15/2023

## DEPARTMENT OF MINES OIL AND GAS DIVISION

Permit No.		Oil or Gas Well					
Company		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS		
Address		Size			Seed telestrat seed to		
Farm	And the second	16		A11888	Kind of Packer		
Well No		13	1906 Maria	1 17 N. 17 KY 2			
Well 140.	en der en ekanzent dan au	10	AS AS		Size of		
District	County	81/4		N. A. A.			
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 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	NCOUNTERED	AT	FEETINCHES		
Fresh water	feetfeet	FEET	INCH	IES .	FEETINCHES		
Salt water	feetfeet	FEET.	INCH	IES	FEETINCHES		
Drillers' Names					radians)		
Remarks:							

BA

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No. Woo	#334+	>				We	II No.15	105/157
COMPANY 6	olimber	in Can	for bo	ADDRESS	Char	leston	ON.	and tuble to
FARM Bal	Ryan	,	DISTRIC	OF	-0		Wor	
Filling Material U			Coqua	gel an	8 come	ut.		a a Chadh a c
			//					
Liner	Location		Amount		Packer	Location		
	S USED AND DE			BRI	CASING AND TUBING			
CEMENT-THICK	NESS W	VOOD-SIZE	LEAD	CONSTRUCT	ION-LOCATION	RECOVERED	SIZE	LOST
	Ou	lling	65/4"	Casnie	1			
				1			List Street	Distance con
					and district to	E 8	in the column of	ngs pedilidi
		A Distance						
2000	1504					0 176940		Titus stati
	1163				La pur vote II e		200	
					A NEW YEAR	4 (12)	actiful Sa	ia well mult
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MALE CONTRACTOR OF THE STATE OF			ACRES PARTIES	STIER LTUR.	Parago			unselo /
								eretty sing
			HE WE			144		
		P 'x	4	000	A	10		A. B. T. C. W. C. W. S. W. E.
Orillers' Names	omes	, Jua		rhale	Temp	huys		
Remarks:								
		A	131415767					
		Mile	1314157677	1870				
		103	WECT 1952	(63)				
/		DEPAR	JAN 1952 WEST VIRGINIA TIMENT OF MIN	2223				
1/7-1969	I hereb	y certify I vi	sited the abo	We well on this de	ate.	,		
DATE		by certify I vi	110000000	18363	Car	22/		2
		. 4	TE058580		Ub	I Towa	RICT WELL IN	NSPECTOR
							12/15/	2023

## DEPARTMENT OF MINES OIL AND GAS DIVISION

Permit No.			E LONGO OFFICE CHANGE PROVIDENCE OF THE COLUMN	Oil or	Gas Well	en with a street
Company		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address	The way of the	Size			Line) Innet	ak gnille
Farm	ne i	16		Nur/est	Kind of Pacl	cer
Well No		13		F 17 17 5 6 6 5		
	S BOS THE PERSON PORTOR	10	133	SOORW . I	_ Size of	
District	County	81/4	<u>,                                    </u>			
Drilling commenced		65/8	0		_ 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	
initial open now	10000 Havel Management				Perf. bottom	1
Open flow after tubing	/10ths Merc. inInch					
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.					
Oil	bbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERE	D AT	FEET	INCHES
Fresh water	feetfeet	FEET	INC	CHES	_FEET	INCHES
Salt water	feetfeet	FEET	INC	HES	_FEET	INCHES
Drillers' Names						
						13.6
Remarks:						

c.1.

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit No. 00	D# 33	4 P				We	ell No.	90V 1167
COMPANY	Bolum	high Car	how &	S ADDI	RESS Cha	elestar	W	Va.
FARM Gau	1/2	fam it al	DISTRI	CT_S	teele	COUNTY_C	Wove	2
Filling Material	Used	Cog	ugal	Clay	and con	ent		- 100A 100A 100A
Liner	Loc	cation	Amour	nt /	Packer	Location	n	Taring T
PL	UGS USED A	AND DEPTH PLACED			BRIDGES	CASIN	NG AND TU	JBING
CEMENT-THIC	CKNESS	WOOD-SIZE	LEAD	CONSTR	UCTION-LOCATION	RECOVERED	SIZE	LOST
					**************************************	4827	65%	85
				91/83				they greatest
						2	and a second	
	d hati Li			2		i dance		10/18/04/04
	1377			1977 great 1	ahof a Massifi s	d day.	- 46	i nago falikos
1(1)	0 Jun 9							
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		31378	Mark 9 M	o maneral				Karanga (1998) 1
						100		19 - 19 19 19 18 18 18 18 18 18 18 18 18 18 18 18 18
				COLUMN TO A STATE OF THE STATE				
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Drillers' Names_	1	mues Fr	M	quai	6 Sun	frye		
Remarks:	1	to any	lelw /	yan	14-1962			
		/	U					
		1	202223242	52623				
		100	INN 195	2 8				
		1677	WEST VIRG	INIA 037				
1/15-19	5-2	I hereby certified	EPARTMENT S	bove well on t	his data	1		
DATE		I hereby certify to	2/10	ove went on t	/ //	20/	0	
			550168	المقال	(16	J bona	TRICT WELL	INSPECTOR
							12/15/2	2023

## DEPARTMENT OF MINES OIL AND GAS DIVISION

Permit No.		Oil or Gas Well					
Company	Colores in annual	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS	
Address	Jan Const	Size			Treat iares	esta di Mari	
Farm	100	16		abus.	Kind of Pacl	cer	
Well No.		13					
The same of the sa	TVOST I ROMANUA RICIONA	10		001	Size of		
District	County	81/4					
Drilling commenced		65/8			_ Depth set	Whiteday at the control of	
		5 3/16				100	
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	NCOUNTEREL	) AT	_FEET	INCHES	
Fresh water	feetfeet	FEET	INC	HES	_FEET	INCHES	
Salt water	feetfeet	FEET	INC	HES	_FEET	INCHES	
Drillers' Names							
Remarks:							

FORM OG 9

13-8



#### 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)

m. m. D	d and filled as fellows;	Wellstone pluras
To THE DEPARTMENT OF MINES, Charleston, W. Va.		
ehind all strings of casing		7
Coal Operator or Coal Owner	Columbian Carbon ( Name of Well Ope	rator
with cement	Box 873	
. Lidget Dottom	Charleston, W.Va.	
Address \ - 5 FF 0 LES	Complete Addre	SS
1038S of an	LLug one seri eradw	
mun & bags concert on pridge	br a land a land	19
Coal Operator or Coal Owner	WELL TO BE ABANI	OONED
17651	and 5 bers cement at	
1 Address	Steele	District
1210	Lun 5 be seemment of	
Earl Ryan, etal	Wood	County
Lease or Property Owner	TO STATE OF THE ST	
'8' cosing out of hole	Well No. 1-GW-1157	
Rock Port, W.Va.	Earl Ryan, et al	
Address	anous man a first	Farm
the work of plugging and abandoning said well o	on theday of	, 19,
(which date shall not be less than five days after		
or in due course should be received by the Depa		
This notice is given you in order that your	respective representatives may b	e present at the
plugging and filling of said well. You are furthe		
represented the undersigned will proceed on the	그는 그 그리는 살아가 아니라면 하는 것이 되었다. 그리고 있는 것이 없는 것이 없다.	
well in the manner required by Section 10, Article		
reverse side of this notice, in "Work Order."		Ottal Manager vice
		Gentlemen:
This notice is being mailed by registered ma	il to each of you at the above addres	ses on the above
date. sha guld of nutratal localities and s. state		
	t on opposite side of this sheet.	
2345678970 Very	truly yours,	
DEC 1957 STEEL TO THE PROPERTY OF THE PROPERTY	Columbian Carbon  s have been filed by the coal owner  ners or interposed by the Departm  filling of the well above mention	Well Operator.
NOTE: Upon the abandonment of all wells drille engineeer, showing the district and county in which the the names of the owners and adjacent tracts, and the losurvey, and the courses and distances of such well from be submitted with this notice.	tract of land is located, the name and	acreage of same,

(Over)

WOO-334-P

PERMIT NUMBER

Woo-334

#### PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

#### WEST VIRGINIA DEPARTMENT OF MINES

Columbian Carbon Company Earl Ryan, et al #1-GW-1157 Steele District

OIL AND GAS DIVISION

WORK ORDER

Wood County, W.Va.
Well to be plugged and filled as follows:

Pull 5046 3" of 2" tubing with 59 9" of works and on 3½" tubing on bottom of 2" string

Note: - Aquagel ran behind all strings of casing

Fill 5078 Total Depth to 4900 Fill 4900' to 4890' with cement 6-5/8" casing set on Midget bottom hole packer at 4880' SLM If packer will not pull cut 6-5/8" casing where free and pull up to 3850' Bridge at 3912' and run 5 bags cement on bridge Pull 6-5/8" casing up from 3850; to 1700; Bridge at 1805' and fill 1805' to 1755' Run 5 bags cement at 1755 Pull 6-5/8" casing up from 1700' to 1150' Bridge at 1260' and fill 1260' to 1210' Run 5 bags cement at 1210' Pull 6-5/8" casing up from 1150' to 750' Bridge at 820' Fill 820' to 770' and run 5 bags cement at 770' Pull balance of 6-5/8" casing out of hole Bridge at 130 and run 3 bags cement en bridge Fill 5' with stone Fill 125' to 21' with clay Pull 21' of 16" casing Fill 21' to surface

oncommod live bas in Erect monument as prescribed by Law we begin blue eff

BE SURE ALL GAS IS SHUT OFF IN CORNIFEROUS LIME. USE LEAD WOOL boyloger at boltom of OR LEAD PLUG, IF NECESSARY

To the Department of Mines 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,

Columbian	Carbon	Company
		Well Operator.

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 this 12/15/2023

6th day of December, 1951

DEPARTMENT OF MINES Oil and Gas Division

2

4 / Tall By:

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.

B FORM OG-8

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

### AFFIDAVIT OF PLUGGING AND FILLING WELL

Well No. 1-GW-1157  Earl Ryan et al Far  STATE INSPECTOR SUPERVISING PLUGGING.  O.GG. Howard  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Wood  James Fritt and Charlie L. Humphreys  being first duly sworn according to law depose and say that they are experienced in the work  plugging and filling oil and gas wells and were employed by Otis Bestern Service, Ind  was commenced on the 11 day of December, 1951, and that the well was plugged and filled in the following manner:  IAND OR ZONE RECORD  FILLING MATERIAL  County From To SIZE & KIND  FORMATION  CONTENT FROM TO SIZE & KIND  FORMATION  CONTENT FROM TO SIZE & KIND  FORMATION  COMMITTED  C					umbian Carbon		
COAL OFERATOR OR GWHEN  COAL OFERATOR OR GWHEN  ACCRES  ACCRES  LEASE OR PROPERTY OWNER  LEASE OR PROPERTY OWNER  ACCRES  Well No. 1-GW-1157  Earl Ryan et al Far  STATE INSPECTOR SUPERVISING PLUGGING.  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Wood  JEMES Fritt and Charlie L. Humphreys  being first duly sworn according to law depose and say that they are experienced in the work plugging and filling the above well, that said wo was commenced on the 11day of December, 19.51, and that the well was plugged and filled in the following manner:  SAND OR ZONE RECORD  FILLING MATERIAL  CONTENT FROM TO SIZE & MAD CASING  GRAVEL 5078 4900 2" 502110 CASING  CONTENT FROM TO SIZE & MAD CASING  CONTENT 1750 1755 16" 11"  COMMATION CONTENT 1755 1745 16" 11"  COMMATION CONTENT 1750 1755 16" 10"  COMMATION CONTENT 1750 1755 10"  COMMATION CONTENT 1750 10"  C	COAL	OPERATOR OR OWNER				PERATOR	
Steele District Steele Distric	8	ADDRESS		O AI Co.		RESS	
Steele Distri  Mood Coun  Well No. 1-GW-1157  Eerl Ryan et el Far  STATE INSPECTOR SUPERVISING PLUGGING.  O.G. Howard  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Nood  AFFIDAVIT  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Nood  AFFIDAVIT  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Nood  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Nood  AFFIDAVIT  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Nood  AFFIDAVIT  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Nood  AFFIDAVIT  A					WELL AND LO		19
Country of the following manner:    ADDRESS   Well No. 1=GW=1157	COAL	OPERATOR OR OWNER		Ste			District
Well No. 1-GW-1157  Earl Ryan et al Far  STATE INSPECTOR SUPERVISING PLUGGING.  O.CS. Howard  AFFIDAVIT  STATE OF WEST VIRGINIA, County of Wood  James Pritt and Charlie L. Humphreys being first duly sworn according to law depose and say that they are experienced in the work plugging and filling oil and gas wells and were employed by Otis Eastern Service, Inc well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the 11 day of December, 1951, and that the well was plugge and filled in the following manner:  IAND OR ZONE RECORD  FILLING MATERIAL  FORMATION  CONTENT  FROM  CRETCI  5078 4900 2" = 5031110*  Coment 4900 4890 2" = 5031110*  Coment 3912 3897 6-5/8" 48276" 1  Cretci  1805 1755 1745 16" - 111*  Coment 1755 1745 16" - 111*  Coment 1755 1745 16" - 111*  Coment 1200 1200 1200 1200 1200 1200 1200 120		ADDRESS		- 500			District
STATE INSPECTOR SUPERVISING PLUGGING.  STATE INSPECTOR SUPERVISING PLUGGING.  AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Wood  SS:  James Fritt and Charlie L. Humphreys being first duly sworn according to law depose and say that they are experienced in the work plugging and filling oil and gas wells and were employed by Otis Eastern Service, Ine well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the 11day of December., 19.51., and that the well was plugge and filled in the following manner:  MAND OR ZONE RECORD  FILLING MATERIAL  COMMENT FROM  CONTENT FROM  TO SIZE AKINO  CASING  CASING  CASING  COMMENT DESCRIPTION OF MONUMENT  COMMENT DESCRIPTION OF MONUMENT  Stone Clay 120 120 120 120 120 120 120 120 120 120				Woo	<u>d</u>		County
STATE INSPECTOR SUPERVISING PLUGGING.  STATE OF WEST VIRGINIA,  County of	LEASE	OR PROPERTY OWNER		737-11 N	- 1-CW-1157		
AFFIDAVIT  STATE OF WEST VIRGINIA, County of Wood  James Pritt  and  Charlie L. Humphreys 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. Otis Eastern Service. In well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the Llday of December., 1951, and that the well was plugging and filling the above well, that said wo was commenced on the Soft Soft Soft Soft Soft Soft Soft Soft		ADDRESS		wen n	(O		
AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Wood  James Pritt  and Charlie L. Humphreys 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 Otts Eastern Service, Inc well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the 1 Liday of December, 1951, and that the well was plugging and filled in the following manner:  AND OR ZONE RECORD FILLING MATERIAL PLUGS USED CASING  FORMATION CONTENT FROM TO SIZE & KIND CAS CASING  GRAVEL 5078 4900 2 2" - 5021 10"  Gement 4900 4890 3 3" - 5919"  Gement 5912 5897 6-5/8" 4827 6" 1  Gravel 1805 1755 16" - 11'  Gement 1755 1745 16" - 11'  Gement 1755 1745 16" - 11'  Gement 1210 1204 16  Gement 2101 1204 16  Gement 2201 121 122"  Cament 770 765 1800 127 122"  Stone & Clay 140 130 16  Gement 120 122 0  DESCRIPTION OF MONUMENT  Exceted 6-5/8" 0.D. pipe with Date and well No.  Manuary 1952  And further deponents saith not.  Sworn to and subscribed before me this 1940 14 12 12 15 12		Particle of the Control of		Ear	l Ryan et al	<b></b>	Farm
AFFIDAVIT  STATE OF WEST VIRGINIA,  County of Wood  James Pritt  and Charlie L. Humphreys 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 Otts Eastern Service, Inc well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the 11day of December, 1951, and that the well was plugging and filled in the following manner:    CANNO OR ZONE RECORD	STATE INSPECTOR	SUPERVISING PLUCG	INC	0.0	o.Howard		
STATE OF WEST VIRGINIA,  County of Wood  James Pritt  and Charlie L. Humphreys  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. Otis Esstern Service. In well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the Liday of December. 1951, and that the well was plugged and filled in the following manner:  AND OR ZONE RECORD FILLING MATERIAL PLUGS USED CASING  FORMATION CONTENT FROM TO SIZE & KIND CASING  GRAYOL 5078 4900 2" - 502110 4"  Gement 4900 4690 3" - 5919 4"  Gement 3912 3697 6-5/8" 482716" 5  Gement 1755 1745 16" - 111  Gement 1755 1745 16" - 111  Gement 1210 1204 16  Gement 770 765 18  Stone 4 Clay 140 130 120 120 120 120 120 120 120 120 120 12	STATE INSI ECTOR	SUI ERVISING I LUGG	1110				
County of James Pritt and Charlie L. Humphreys being first duly sworn according to law depose and say that they are experienced in the work plugging and filling oil and gas wells and were employed by Otis Eastern Service. In well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the 11day of December, 19.51, and that the well was plugging and filled in the following manner:    Internation	Sept. St.		AFFII	DAVIT			4
County of James Fritt and Charlie L. Humphreys being first duly sworn according to law depose and say that they are experienced in the work plugging and filling oil and gas wells and were employed by Otis Eastern Service. Inc well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the 11 day of December. 1951, and that the well was plugging and filling the above well, that said wo was commenced on the 11 day of December. 1951, and that the well was plugging and filling the above well, that said wo was commenced on the 11 day of December. 1951, and that the well was plugging and filling the above well, that said wo was commenced on the 11 day of December. 1951, and that the well was plugging and filling the above well, that said wo was commenced on the 12 day of 1951, and that the well was plugging and filling the above well, that said wo was commenced on the 12 day of 1951, and that the work of plugging and filling the above well, that said wo was completed on the 12 day of 1952, and that the work of plugging and filling the above well, that said wo was completed on the 14 day Jamary 1952.  Sworn to and subscribed before me this 1952, and that the work of plugging and filling said well was completed on the 14 day Jamary 1952.  Sworn to and subscribed before me this 1953, and that the work of plugging and filling said well was completed on the 12 day of 1952.	STATE OF WEST	VIRGINIA,	\ ee.		* 1 A S 32 T 3 A S		
being first duly sworn according to law depose and say that they are experienced in the work plugging and filling oil and gas wells and were employed by Otis Eastern Service. In well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the Llday of December. 19.51, and that the well was plugge and filled in the following manner:    AND OR ZONE RECORD	County of	ood	.   55.				
plugging and filling oil and gas wells and were employed by Otis Eastern Service, Inc well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the 11 day of December, 19.51, and that the well was plugging and filled in the following manner:  IAND OR ZONE RECORD  FILLING MATERIAL  PLUGS USED  CASING  FORMATION  CONTENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  CONTENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  CONTENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  COMENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  COMENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  COMENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  COMENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  COMENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  FORMATION  COMENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  FORMATION  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION  FORMATION  FORMATION  FORMATION  FORMATION  COMENT  FROM  TO  SIZE A KIND  PULSS USED  CASING  FORMATION							
well operator, and participated in the work of plugging and filling the above well, that said wo was commenced on the llday of December, 19.51, and that the well was plugging and filled in the following manner:    AND OR ZONE RECORD   FILLING MATERIAL   PLUGS USED   CASING FORMATION   CONTENT   FROM   TO   SIZE & KIND   PLUES   LEF	being first duly sw	vorn according to la	w depose	and say the	hat they are experie	nced in the v	vork of
Gravel   5078   4900   2" - 5021   10     Cement   4900   4890   3" - 5919     Cement   5912   5897   6-5/8"   4827   6"     Gravel   1805   1755   16" - 11     Cement   1755   1745     Gravel   1260   1210     Cement   1210   1204     Clay   820   770     Cement   770   765     Stone   6 Clay   140   130     Cement   130   127     Stone   127   122     Clay   122   0     Collage   122   0     Collage   122   0     Collage   122   0     Cand state   120   120     Cand state   120   120     Cand state   120   120     Collage   122   0     Collage   123   0     Collage   124   0     Collage   125   0     Coll	AND OR ZONE RECORD	FILLING	MATERIAL	en av men	PLUGS USED	CASI	ING
Cement	FORMATION	CONTENT	FROM	то	SIZE & KIND		CSG LEFT II
Cement 5912' 3897' 6-5/8" 4827'6" Gravel 1805' 1755' 16" - 11'  Cement 1755' 1745' 16" - 11'  Cement 1210' 1204' 1204' 1204' 120' 1204' 120' 1204' 120' 1204' 120' 1204' 120' 1204' 120' 120' 1204' 120' 120' 120' 120' 120' 120' 120' 120		Gravel	50781	4900	2" -	5031'10"	0
Coment 1755' 1745'  Coment 1755' 1745'  Gravel 1260' 1210'  Coment 1210' 1204'  Clay 820' 770'  Coment 770' 765'  Stone & Clay 140' 130'  Coment 127' 122'  Clay 122' 0   Coal seams  Coal seams  Description of Monument  Exp.  Coal seams  Description of Monument  Exp.  With Date and well No.  Exp.  And further deponents saith not.  Sworn to and subscribed before me this 19 day of the 12/15/12  Sworn to and subscribed before me this 19 day of the 1952 and 1952		Cement	4900	4890	311 -	5919"	0
Cement 1755 1745   1745   Gravel 1260 1210   1204		Cement	3912'		6-5/8"	4827 6"	53
Coment 1210' 1204'  Clay 820' 770'  Cement 770' 765'  Stone & Clay 140' 130'  Cement 130' 127'  Stone 127' 122'  Clay 122' 0  Coal seams  Coal seams  Coal seams  Coal seams  Coal seams  And that the work of plugging and faling said well was completed on the 14, day  Jamuary, 1952  And further deponents saith not.  Sworn to and subscribed before me this 12 day of 12/15/12  Sworn to and subscribed before me this 12/15/12  Coal seams  Coal seams  Description of monument  Erected 6-5/8" 0.D. pipe  With Date and well No.  Language  And further deponents saith not.  Language  Language  And further deponents saith not.					16" -	11'	0
Coment 1210 1204   Clay 820 770   Cement 770 765   Stone & Clay 140 130   Cement 130 127   Stone 127 122   Clay 122 0    COAL SEAMS   C		Cement				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1000
Clay 820' 770'  Cement 770' 765'  Stone & Clay 140' 130'  Cement 130' 127'  Stone 127' 122'  Clay 122' 0  Coal seams  Coal seams  Coal seams  AED  and that the work of plugging and filling said well was completed on the 14. day  January 1952  And further deponents saith not.  Sworn to and subscribed before me this 19 day of 12/15/12  Sworn to and subscribed before me this 19 day of 1952  Coal seams  Description of monument  Erected 6-5/8" 0.D. pipe  with Date and well No.		M					
Coment 770' 765'  Stone & Clay 140' 130'  Cement 120' 127'  Stone 127' 122'  Clay 122' 0  Coal seams  Coal seams  Coal seams  Coal seams  And that the work of plugging and falling said well was completed on the 14. day  Jamery 1952  And further deponents saith not.  Sworn to and subscribed before me this 19 day of 1951  Coal seams  Description of monument 12'  Erected 6-5/8" 0.D. pipe 15'  With Date and well No.  Should have 12'  Jamery 1952  And further deponents saith not.					<u> </u>		4
Stone & Clay 140' 130'  Cement 130' 127'  Stone 127' 122'  Clay 122' 0  DESCRIPTION OF MONUMENT  Erected 6-5/8" O.D. pipe  with Date and well No.  (E)  and that the work of plugging and alling said well was completed on the 14. day  Jamery 1952  And further deponents saith not.  Sworn to and subscribed before me this 19 day of 21/15/2  Sworn to and subscribed before me this 19 day of 21/15/2		Cement	1210'	1204			
Coal seams  Coal s		Clay	1210*	7701			
COAL SEAMS  COAL S		Cement Clay Cement	1210' 820' 770'	1204 ° 770 ° 765 °			
COAL SEAMS  DESCRIPTION OF MONUMENT  REP  With Date and Well No.  And that the work of plugging and filling said well was completed on the January.  And further deponents saith not.  Sworn to and subscribed before me this 19 day of an 190 and 190		Cement Clay Cement Stone & Clay	1210° 820° 770° 140°	1204 * 770 * 765 * 130 *			
and that the work of plugging and filing said well was completed on the January.  And further deponents saith not.  Sworn to and subscribed before me this 19 day of 2 12/15/2		Cement Clay Cement Stone & Clay Cement	1210' 820' 770' 140' 130'	1204 ' 770 ' 765 ' 130 ' 127 '			
and that the work of plugging and filing said well was completed on the January, 1952  And further deponents saith not.  Sworn to and subscribed before me this 19 day of 3 195		Cement Clay Cement Stone & Clay Cement Stone	1210' 820' 770' 140' 130'	1204' 770' 765' 130' 127' 122'			
and that the work of plugging and alling said well was completed on the Jamary.  And further deponents saith not.  Sworn to and subscribed before me this day of the said of t		Cement Clay Cement Stone & Clay Cement Stone	1210' 820' 770' 140' 120' 127' 122'	1204' 770' 765' 130' 127' 122'			
and that the work of plugging and alling said well was completed on the January, 1952.  And further deponents saith not.  Sworn to and subscribed before me this day of the same of the sa	COAL SEAMS	Cement Clay Cement Stone & Clay Cement Stone	1210' 820' 770' 140' 120' 127' 122'	1204' 770' 765' 130' 127' 122'	DESCRIPTION		
and that the work of plugging and filling said well was completed on the 14. day  Jamary, 1952  And further deponents saith not.  Sworn to and subscribed before me this day of the 12/15/2  Sworn to and subscribed before me this day of the 1950 and 1950 an		Cement Clay Cement Stone & Clay Cement Stone	1210' 820' 770' 140' 120' 127' 122'	1204' 770' 765' 130' 127' 122'			
and that the work of plugging and alling said well was completed on the Jamary, 1952.  And further deponents saith not.  Sworn to and subscribed before me this 19 day of the plugging and alling said well was completed on the day of the day of the plugging and alling said well was completed on the day of the	(E)	Cement Clay Cement Stone & Clay Cement Stone Clay	1210' 820' 770' 140' 130' 127' 122'	1204' 770' 765' 130' 127' 122'	Erected 6-5/	/8" O.D.	pipe
and that the work of plugging and alling said well was completed on the Jamary, 1952.  And further deponents saith not.  Sworn to and subscribed before me this 19 day of the plugging and alling said well was completed on the day of the day of the plugging and alling said well was completed on the day of the	1E)	Cement Clay Cement Stone & Clay Cement Stone Clay	1210' 820' 770' 140' 130' 127' 122'	1204' 770' 765' 130' 127' 122'	Erected 6-5/	/8" O.D.	pipe
Sworn to and subscribed before me this 9 day of the subscribed before me the	ME)	Cement Clay Cement Stone & Clay Cement Stone Clay	1210' 820' 770' 140' 130' 127' 122'	1204' 770' 765' 130' 127' 122'	Erected 6-5/	/8" O.D.	pipe
Eas Bain	and that the work	Cement Clay Cement Stone & Clay Cement Stone Clay  of plugging and many 1, 1952	1210' 820' 770' 140' 130' 127' 122'  71222329  AN 1952 MEST WIGHNING MEST WIGHNING	1204' 770' 765' 130' 127' 122' 0	Erected 6-5/ with Date an	/8" O.D.	pipe
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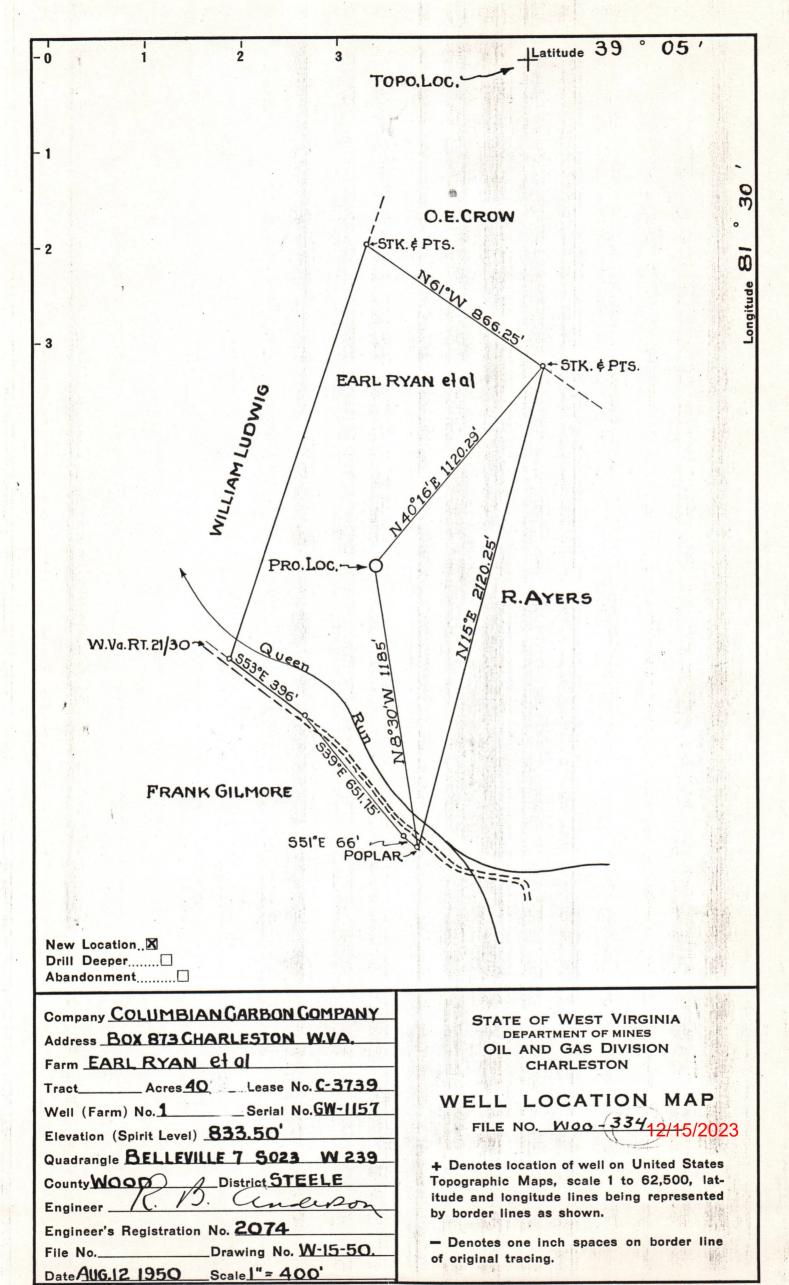
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Formation	Color	Hard or Software	Top	Bottom	OIL Gass or Waters	Depth Found	Remarks
Sand Coal Sand Slate & Shells Sand Slate & Shells Sand Slate & Shells Sand Slate & Shells Sand Lime	2 <b>5</b>	20 <b>5</b> 157.1	1170 1208 1210 1235 1290 1325 1343 DIM 1337 SIM 1457 1619 1690 1710 2003	1290 1325 1343 max 1337 81x 1457 1619 1690 1710	S. Water	1230' )	Hole full
Slate & Shells Brown Shale White Slate Brown Shale White Slate Slate & Shell Brown Shale Black Shale			2210 2320 385h 3942 3995 4157 4549 4604 4698	2320 3854	Cas	393 <b>2</b> 1	Show
Oriskany Sanc Lime break Sand Lime	LISOS I	IN-TIÀIT ISIN	1875 DIN 1880 SIN 5022 DIN 5015 SIN 5010 5011	5022 DLW 5015 SIN 5010 5011 5059 5078	Cas Pays!		
Forestion		Had my	***	Pytiam	5016-201 5021-231 61 Auter 011 GP9	53/10 W.2* 42/10 W.2* Bosns Becap	307M 273M
CASINO RECORD 9- 3-50	13-3/8" ca	sing - ran a	O sacks of a	COTT AVE:	NCOCO (TERED)	<b>1.</b> 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	
9-10-50	10-3/4ª ca Circulation	sing - ran and return	l sacks of a	quagel n Carbon Co		SE No.	2. T. C.
9-26-50	Columbia	sing - ran Carbon Comp	any Crew.			Pe.	
	Pipe flo	sing- ran 50 ted in. Co.	sacks of Acumbian Carbo	n Company C			
			METT	Character And Andrews	Des Han	12/15	A. W. C.
			CEPARTHI			mber 4,	, 19 50

APPROVED Golumbian Carbon Company

By O. W. Van Petten, Vice President.



MPERIAL" TRACING CLOT