

6.6 Lynn (amp (36)



IV-35 (Rev 8-81)

DECEIVED JUN 1 9 385

State of Mest Nirginia

Bepartment of Mines Gil und Gas Bivision

	June 17	7, :	L985			
Opera Well		21297				
Farm_	Frank	c.	Pyles,	et a	1	
	47		= 1	00705	:	

OIL & GAS DIVISION
DEPT. OF MINES

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL :	TYPE:	Oil x / (If "Gas,	Gas/ L Production	iquid Inje n/ Unde	ection ergrou	n_/W und Sto	laste prage_	Disposa / Dee	l/ p/ Sha	llow/)
LOCAT	ION:	Elevation:	1315	Watershe	ed	Pennsyl	vania	Fork -	Fish Cree	k
		District:_								
~~~	ARV CO	lumbia Gas T	lrangmiggion	Cornorati	On					
		0. Box 1273							· · · · · · · · · · · · · · · · · · ·	Cement
		AGENT Jam				Caşin			Left	fill up
		0. Box 1273			<del></del>	Tubin	ig D	rilling	in Well	Cu. ft.
		NER Frank C				Size   20-16			-	
		14 E. 5th St		<del></del>	<del></del> 3603	Cond.				
		GHIS OWNER F				13-10	-	95.1	95.1	60 sacks
		14 E. 5th St			2603	9 5/8	3 ]	.192 <b>.4</b> 5	1192.45	370 sacks
		S INSPECTOR				8 5/8	3			
		ADDRESS			_	7	2	631	2631	220 sacks
				,		5 1/2	2			
	•	UED				4 1/2	2 3	3301.5	3301.5	75 sacks
		OMMENCED				3				
		OMPLETED_			_	2				
CONTI REWOR	NUOUS	BLE: PLUGG PROGRESSION VERBAL PE	N FROM DRILL	LING OR		Liner				
ON	CTOX.	<b>M100TT</b> T000	agree: Co.	-don		<u> </u>			3500	
		TARGET FOR		rdon					th 3500	feet
		of complete				-		•	e Tools_	
		strata dep	-			Salt_		feet		
1	Coal	seam depths	1142-114	48		Is $\infty$	bal be	ing min	ed in the	area?
OPEN	FLOW !	DATA								•
	Produ	cing format	ion Gordo	on			Pay 2	one dep	th 3182-3	196 feet
	Gas:	Initial op	en flow	Mc:	f/d	Oil:	Initi	al open	flow	Bbl/d
		Final open	flow (16)	Mc:	f/d		Final	open f	low 6	Bb1/d
		Time	of open flo	w between	init	ial and	l fina	l tests	ho	urs
	Stati	c rock pres	sure	psig(s	urfac	e meast	rener	t) afte	r hou	rs shut in
		pplicable d								
		d producing		•			Pay 2	one dep	th	feet
	Gas:	Initial op	en flow	Mc	f/d			_		
		Final open								Bbl/d
		_	of open flo							<u> </u>
	Stati	.c rock pres								
									OCI	Same

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

perforated 1-22-85 from 3182-3196' with 15 holes, from 3210-3212' with 3 holes and from 3244-3252' with 9 holes.

Acidized from 3182-3213' and from 3244-3252' on 1-23-85 with 500 gallons 15% Hcl. Fractured with 1920 gallons gelled water and 60,000# 20/40 sand.

## WELL LOG

	<del>,</del>	1	REMARKS			
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	C - 33 6			
Top Clay	0	3				
Sand Clay	3	9				
Sand Shale	9	130				
Red and Gray Shale	130	152	•			
Gray Shale	152	256				
Red Gray Shale	256	455				
Gray Sand	455	856				
Waynesburg Coal	856	866				
Mapletown Coal	1042	1047				
Pittsburgh Coal	1142	1150				
Little Dunkard	1564	1595	1			
Big Dunkard	1684	1716				
lst Gas Sand	1837	1867				
2nd Salt Sand	2033	2049				
3rd Salt Sand	2066	2100	}			
Big Lime	2284	2320				
Big Injun Gera Po	2320	2580				
Big Injune, Ext 4. p → ↑	2934	2945				
Gordon	3167	3198				
	3209	3216				
4th	3242	3252				
5th	3348					
LTD	(3320)					
DTD	(3320)					
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(Attach separate sheets as necessary)

Columbia Gas Transmission	n Corporation
Veil Operator	
By: Kweekler	
Date: June 17, 1985	
Date: June 17, 1993	

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including will encountered in the drilling of a well."



Date: 10-10,	19 84
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2) Operator's Well No.

1)

3) API Well No.

County 47-051-0705 1984

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

	**			DEPA	KIMEN	I OF MINES, OIL	AND GAS DIVISIO		•
				AP	PLICAT	TION FOR A WELL	WORK PERMIT	OIL	& GAS DIVISION
4) WELL TYPE: A Oil/ Gas/								DEP	r. of MINES
4) WEEL III			Production			Underground s	torage	_/ Deep	
B (If "Gas", Production Underground storage Deep Shallow Watershed: Pennsylvania Fork-Fish Creek									
District: Liberty County: Marshall Quadrangle: Littleton  6) WELL OPERATOR Columbia Gas Trans. Corp. 7) DESIGNATED AGENT J. L. Weekley							Littleton Weekley		
6) WELL OPE	ERATOR_	Colum	ibia G	127	rrans	s. corp.	7) DESIGNATED		x 1273
Address			Box Leston		3 V7 21	5325 10450	Address		ton, WV 25325
					<u> </u>	3323	9) DRILLING CO		
8) OIL & GAS	Rober	t Lov	vther	IED			Name	TATIOTOR.	
			eliver	У			Address		
71001033			rne, W		2614	9			
IO) PROPOSE	D WELL V	WORK:	Drill	X	/ Drill	deeper	/ Redrill	/ Stimulate	<u>X</u> /
,			Plug off	old f	orm <b>a</b> tion	/ Perfora	ate new formation_		
11) GEOLOGI	CAL TAR	GET FOR	MATION,		Gord	on			
12) Estima	ted depth o	of complet	ed well, _	3	500.	feet		foot	
					n		al being mined in the		/ No X
14) Appro-					<u> </u>	15 CO	a being named in the	arca: 1cs	140
CASING OR	ומטו שאו וו		IFICATIONS		!	FOOTAGE I	NTERVALS 1	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	J. Size	Grane	per in.						Kinds
Fresh water	13-3	/8 н	48	Х		90	90	to surfa	
Coal	9-5/	1	32	Х		1250	1250	to surfa	Cos NEAT
Intermediate	7	K	20	X		2200			
Production	43	K	10.5	X		3500			Depths set
Tubing	<b> </b>	<u> </u>	-				<u> </u>		
Liners	#	<b> </b>	<del> </del>		<u> </u>				Perforations: Top Bottom
	<b> </b>	<del> </del>	+						Top Botton
	<del> </del>								
	И	<u> </u>	1			<u> </u>			
					<u>.</u>				
						OFFICE USE	ONLY		
•						DRILLING PE	RMIT		
Permit number_		4	7-051-	0705		_		Novembe	er 7, 19 84
								Da	te
This permit cove	ering the w	ell operat	or and wel	l locati	on show	n below is evidence	of permission grante	d to drill in accordan	nce with the pertinent legal re-
quirements subj	ect to the c	conditions	contained	herein : ions an	and on the	ne reverse nereor. N r anv permitted wor	otification must be g k. In addition, the we	ell operator or his con	il and Gas Inspector, (Refer to attractor shall notify the proper
district oil and g	gas inspect	or 24 hour	rs before a	ctual pe	rmitted	work has commence	ed.)		
The permitted w	vork is as d	lescribed i	n the Notic	e and A	Applicati	on, plat, and reclam	ation plan, subject to	o any modifications a	and conditions specified on the
reverse hereof.	Nov	ember	7, 198	6				ion to that data and	I procesulted with due diligance
Permit expires	100	CINCLI	7, 150			unless wel	work is commenced	prior to that date and	prosecuted with due diligence.
r T			Т						* 1 *
Bond	Age	<u> </u>	Plat:	-	ng /	Fee			1
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L	1						1 larg	aret +	Jassi
			-			- <del>- T</del>	Ada	inistrator, Office of	Oil and Gas
NOTE: Keep	one copy o	f this peri	mit posted	at the o	drilling lo	ocation.	//		File :