





9.025

Permit No.___



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

Quadrangle Cameron

MARS-482

WELL RECORD

STORAGE 4-Oil or Gas Well GAS

				1			
			tsburgh 19,Pa	Casing and I	Used in Drilling	Left in Well	Packers
Location (waters			Acres	Size			
Well No 1473			Elev.1096.04'	16			Kind of Packer
District Lib			shall	13 3/8"	31 '	31'	
		7. 7.					Size of
				- /0 11	804'	8041	
							Depth set
_	-	Address		578×10k 1/2'	1889'	1889'	
			ober 11, 1962				Perf. top
				2			Perf. bottom
)				Perf. top
With							Perf. bottom
		in 4-1/2	Inch				1 ett. bottom
•	•	•	Inch		เพษายา	SIZE	No. FtDate
Volume	3,850,000						110. 1 0
Rock Pressure	800	1ha 24	hrs.				
Oil		1001	_bbls., 1st 24 hrs.	COAL WAS EN	<i>NCOUNTEREL</i>	ат. 753	FEETINCHES
Fresh water		feet	fact	FEET	·INC	HES	FEETINCHES
							FEETINCHES
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh			753	760			
Murphy Sandard Big Dunkard		,	872	885			
First Salt			1243 1470	1332			
Second Sal			1580	1490 1602			
Third Salt			1656	1674		194	0
Maxton San			1782	1793			4
Lower Maxto	1		1830	1838		107	Final Control of the
Big Lime			1840	1878		7 44	
Big Injun	and		1880		4		
						.]	
Packer Shoe				-0			
Total Depth	iburton Fo	rm.		1891	•		
rodar pepoi				2083	*		
Well Logged	by Schlum	berger Well	Surveying Co	poration			
October15,	1962. Log	ged to Total	Depth				
					·		
	·					1	
					•	1	
		•		,			
				I	1720	18192027	
				I	130)
						31 1965 S	
					(57		(1.2) (1.2) (2.3)
					= 1:		[2]
				ļ	17.0	z Virginià Los Mines A	₩ I
				·	P. J.		57'
				l	100 8 8 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* SING	
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FORM WW-2B

12)

,	ST	ATE	OF	WEST	VIRGI	NIA		L	ssued	10/21	140
<u>DEPARTMENT</u>	OF	ENE	ERGY	DI.	VISION	OF	OIL	AND	GAS	(0 () .	(-
WEI	الما	WORK	PE	RMIT	APPLI	CAT	ION	e e	Knines	10/21/	a4

	WELL WORK PERMIT APPLICATION Expus 10/21/94
1)	Well Operator: COLUMBIA GAS TRANSMISSION CORP. 10 450 (中) 278
2)	Operator's Well Number: L-4734 3) Elevation: \(\frac{1092}{1096}\)
4)	Well type: (a) Oil_/ or Gas_X/
	(b) If Gas: Production/ Underground Storagex_/ Deep/ Shallowx_/
5)	Proposed Target Formation(s): Big Injun Sand
6)	Drilled 2003 feet **YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY
7)	Approximate fresh water strata depths: not recorded
8)	Approximate salt water depths: est. 870'
9)	Approximate coal seam depths: Pittsburgh Coal: 753'-760'
10)	Does land contain coal seams tributary to active mine? Yes/ Nox_/
11)	Proposed Well Work: Fracture the Big Injun Sand open hole to increase deliverability.

CASING AND TUBING PROGRAM

TYPE	SI	PECIFICAT	CIONS	FOOTAGE I	CEMENT	
-	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	13-3/8"	н	48	31	· (31	30 sks.
Fresh Water					(Marco	
Coal .	8-5/8"	J	24	804'	804	500 sks.
Intermediate		_		1	on 1 b.	
Production_	5-1/2"	J	17	1889'	Why 1889'	500 sks.
Tubing	·		·			
Liners						W Division of

		CHAIROUNICHTON L'IOCCCOMM
PACKERS	: Kind Halliburton	MT 0 7 00
	Sizes 5-1/2"x7-7/8" OH Formation Packer	
195417	Depths set 1889' (7-7/8" open hole: 1889'-2083')	Permitting
195611		Price of Oil & Gas
34	For Divison of Oil and Gas Use Only	'

Plat Ww-9 WW-2B Bond Dente Onl

	•	RECEIV	ED			
Page	1 of <u>1</u>	WV Division of Environmental Prof	r ection 1 \	Date:	09/21/92	
	WW2-A			Operator	's well number	
(09/8	37) Copy	WI 0 1	82		's well number L-4734 No: 47 - <u>051</u>	
File	Сору	Permitting	3)	API Well	No: 47 - <u>051</u>	- 00482 -FRA
		Office of Oil 8	k G2 3		State - County	- Permit
		ST DEPARTMENT OF		T VIRGINIA		
		NOTICE AND AP	PLICATION	FOR A WELL	WORK PERMIT	
4)	Surface O	wner(s) to be	served:	5) (a) C	oal Operator:	
	(a) Name	John Dean Briggs				
•	Address _	Rt. 5, Box 79 Cameron, WV 260	22	Address	······	
	(h) Name	Cameron, WV 260	33	<u> </u>	O	
	Address				Owner(s) with Desolidation Coal	ectaration
	_				Consol Plaza, 1800 k	lashington Rd.
	(c) Name			P	ittsburgh, PA 15241	
	Address _			Name		
			· · · · · · · · · · · · · · · · · · ·	Address		
6)	Inspector	Randal MIck		(c) Coal	Lessee with Decl	laration
	Address	Route 3, Box 248		Name		
	Welenber.	Weston, WV 2645 (304)- 269-233) <u>2</u>	Address		
	rerephone	(304)- 203-233	<u> </u>			
		TO THE PERSON	S) NAMED A	BOVE TAKE	NOTICE THAT:	
	Included	is the lease o	r leases o	r other co	ntinuing contract	or
Y	acts by w	hich I hold th	e right to	extract o	11 and gas <u>OR</u> pter 22B, Article	. 1
Sect	ion 8(d) c	of the Code of	West Virgi	nia (see p	age 2)	: 1,
	I certify	that as requi	red under	Chapter 22	B of the West Vir	ginia Code
I hav	ve served	copies of this	notice an	d applicat	ion, a location p	olat, and
accor	mpanying d	ocuments pages	1 through	on the	e above named par	ties, by:
		onal Service (ified Mail (Po			int attached)	
		ication (Notic				
i					38 CSR 11-18, and	
to ti					under this appli personally examin	
famil					personally examinated application form	
					se individuals in	
respo	onsible fo	r obtaining th	e informat		ieve that the inf	
is t		ate, and compl				
info	l am awar mation i	e that there a	re signiti	cant penal	ties for submitti nd_imprisonment.	ing talse
~~~~	inacion, i				MAS) TRANSMISSION COF	₹P.
	OFFICIAL	D.,	Ku	Jed	<i></i>	
	NO FARE STATE OF	168			ng & Maintenance	
	MARY PAR	AGC		O. Box 1273 leston, WV	25325-1273	<del></del>
				04 057 0450	LJJLJ-1L/J	
Subsc	My Consiste Service	Tellinia 25177 n. hefore	me this	107 day of	Menters !	1992

My commission expires _____

___Notary Public