

OCT 14 1975

Form OG-10



## OLEGAS DIMETON TITT. OF WINES Rotary

Spudder

Cable Tools

Storage

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Webb Quadrangle..

Acronic market		*******	On TO 19 assument Str. 19	CONTROL ACCIONAL ACCI		0,0,09	٠ اــا	
Permit No. W	ayne - 158		W Ren Lease Langu	RECORD	7	Oil or (	Gas Well	Gas (KIND)
* *	•		Corp.	The second second	Used in Drilling	Left in Well	F	ackers
Farm Caldwe	ll & Calto	n	Acres 13,500 eek	Size			Kind of	Packer
		-	Elev. 755-94					on Cup
			71.6		1023.85		i .	4 x 7
		-	artin		1966.15			
			Crum, W.Va.				I	t_1500
			Trans. Corp.			i		
			ton, W. Va.		3963.65	3933,65		
							Perf. ton	3375
					7" CSG per	f.		tom_3376
			To		1927 -			1240
					21 hole			tom 1251
Open Flow	/10ths Water	r in	inch	contract of the street of the	cementing record	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME		
	/10ths Merc.	in	Inch	CASING CEM	IENTED	SIZE	No. Ft.	Dat
Volume			Cu. Ft.		nent used (bags)			
Rock Pressure		1bs	hrs.		ce Co			
Dil			bbls., 1st 24 hrs.	COAL WAS E	ENCOUNTERED	AT 285	FEET	INCHE
NULL ACIDIZE	D (DETAILS)	***************************************	***************************************	FE	ETINC	HES	FE <b>ET</b>	INCHE
	-	*** ***********************************	**************************************	FE	ETINC	HES	FEET	INCHE
WELL FRACTU	RED (DETAIL	s) Attempte	<u>d to fractur</u>	e corniferou	us lime. Plu	agged back	c to 286	5' due to
extreme su	lphur enco	untered in c	orniferous l	<b>ime.</b> Berea w	<u>ater-fractu</u>	red. Maxo	n produ	ced natura
RESULT AFTER	TREATMENT	(Initial open Flow	or bbls.) <u>Maxon</u> on: 175# & Shalo: 42	: 852,000 /	Brown Shale	8: 169,000	1.02	1111
ROCK PRESSUR	E AFTER TRE	max Beres	on: 1/2# & Shale: 42	5# HOURS4	&	******		*******************
Fresh Water	70.	Feet 1	15	Salt Water		Feet		
Producing Sand	Maxon, I	Berea & Brow	n Shale		Depth	3191		
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth		Remarks
Shala	Cons	C. PA		L. F	A TA THE STREET COMMENCES OF T			

Producing Sand	Maxon, I	Berea & Brow	m Shale		Depth31	.91	
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale	Gray	Soft	O	65	Water	70	
Sand	Brown	Soft	65	185			THE CONTRACTOR OF THE CONTRACT
Shale	Gray	Soft	185	285			
Coal	Black	Soft	285	286			
Shale	Gray	Soft	286	600			
Sand	Brown	Soft	600	730			
Sand & Shale	Brown/Gra	y Soft	730	740			
Sand	Brown	Soft	740	850			
Shale	Gray	Soft	850	1150			
Sand	White	Hard	1150	1226	Gas: 1167		
Lime	Gray	Hard	1226	1385			and the second s
Red Sand	Red	Hard	1385	1420	To control of the con		100 Marie 100 Ma
and & Shale	Brown/Graj	7 Soft	1420	1474	Tabulan de la companya de la company		
Shale	Gray	Soft	1474	1930	T operation of the state of the		
CONTROL COMMANDATION CONTROL C							FEB 3 1978

Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	Gray	Hard	1930	2032			entre de la composition della
Shale	Brown	Soft	2032	3191	and provided the control of the cont		Well Plugged
Lime	Gray	Hard	3191	4005			Back to 2865
	gi welgin kanangan di mengangan		Agricultura de Caracteria de C				
	na-region	lTo	tal Depth -	40058	Cornife	Auro	
•		although the second second	en de la companya de La companya de la co	•			
All gas to	sted 80/10	) water 2" o	pening at to	tal depth.			
		,	rith 15 sack		October 4.	1975	
	*			Significant Control of the Control o			
				TO TO THE STATE OF			
	6			· · · · · · · · · · · · · · · · · · ·			
				900-year Acceptance			
				-PO-ALLA-GIL-LIPPE - GRAPH		· · ·	
			4005			To a second	
* /		#1 14 (4)	755	755	d well-was an analysis of the second	general de la companya de la company	
			-3250	in an area of the contraction of	Some Agency and Agency		
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ROLATE CONTRACTOR CONT	простояння						
	social medical physics and the social physics are social physics.						
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	AND	disability of the second secon	erddesseegeladical		****	And the second s	e i 100 ja 1
	And the second s	many representations about			V et	ruin e tri	
p control of the cont					Bêti <b>k</b> i i		

APPROVED January 25, 19 78

By Director, Exploration and Development (Title)







AUG 4

## Oil and Gas Division

OL& GAS DIVISION DEFT. OF MINES

## OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,		
Charleston, W. Va.	DATE July 31, 1975	
Surface Owner James E. Martin	Company COLUMBIA GAS TRANSMISSON COL	RPORATION
Address Crum, West Virginia	Address P. O. Box 1273, Charleston	
Mineral Owner Wayne County Land & Mineral Co.	M :	3,500
Address Rm. 1115, First Huntington Nat'l Bank	Location (waters)	
Coal Owner Same as above	Weil No. 20289-T Elevation 75	55.841
Address	District Lincoln County Way	
Coal Operator Buffalo Mining Company	Quadrangle Webb, W. VaKy.	**************************************
Address Lyburn, W. Va.  MUST BE POSTED AT THE WELL SITE		
A sens being in accordance with Chapter 22,  V. Va. Code, the location is hereby approved		
drilling . This permit shall expire if		
constant have not commenced by 2-1-76		
And a come	Kenneth Butc	her
INSLI	SUFOR TO BE NOTIFIED	
GENTLEMEN: PH:	736-4885 ADDRESS Barboursville,	WoV2.0
The undersigned well operator is entitled to drill upon the a		
title thereto, (or as the case may be) under grant or lease date	and May I 10 31 to F.D. Col	ving fee
Frank T. Clark made to Columbia Gas Trans. Co	rp. and recorded the 10th . Sec	<u>tember</u>
1931, in Wayne County, Book 25	Page 471	The second secon
•		
X NEW WELLDRILL DEEPEROIL AND GAS WELL ORIGINALLY DRILLED B	PERORE HAVE 5 1000	LATE
The enclosed plat was prepared by a registered engineer or I have been notified as of the above date.	icensed land surveyor and all coal owners and/or op-	erators
The above named coal owners and/or operator are hereby not	ified that any objection they wish to make, or are re	auired
make by Section 3 of the Code, must be received by, or filed	with the Department of Mines within ten (10) days.	*
Copies of this notice and the enclosed plat were mailed by re- or coal owners at their above shown respective address	gistered mail, or delivered to the above named coal op-	erators
same day with the mailing or delivery of this copy to the Depart	tment of Mines at Charleston, West Virginia.	in the
ve	ry truly yours con than a cas. Thansuise to	0000000000
	ry truly your COLUMBIA GAS TRANSMISSION	CURPURATTO
MANAGE BURNIC CORIES OF ALL	Director, Exploration & Devel	
WOFFILE ICA- AGES DINECTLY TO:	Post Office Box 1273	opment
Total Plant to Seclogical and Economic Survey Address of	Street	The state of the s
Well Operator	Charleston	
Jorgantiwn, W. Va. 26505 AC 304-296-4461	City or Town	The second section of the second seco
00 00 1 1 2 2 0 1 1 1 1 1 1 1 1 1 1 1 1	West Virginia 25325	The control of the
	State	

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

BLANKET BOND

WAY-1581

PERMIT NUMBER

47-099

## THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

DRILLING CONTRACTOR:	R TO X DRILL (If Known)	RESPONSIBLE AGENT	
NAME	*		•
		NAME Mr. E. G.	
a to the first to be the first by the second			528, Hamlin, WV 25523
TELEPHONE			324-5131
	OMPLETED WELL: 4000'		
	FORMATION: Big Six	ROTARY X	CABLE TOOLS
TYPE OF WELL:	OIL GAS_X CO	•	
	RECYCLIN	NG WATER FLO	OOD OTHER
TENTATIVE CASING PRO	GRAM:		
CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP
SIZE	. DRILLING	WELL	OR SACKS - CUBIC FT.
20 - 16			
13 - 144 3/8	60'		
9 - 5/8	9001		
8 - 5/8			
	1950 (if requ	red)	
5 ½			
4 ½	40001		
3			Perf. Top
7			Perf. Bottom
Liners			Perf. Top
		777	Perf. Bottom
TO DRILL: Submit Five (5) CO	PIES OF OG - 1, \$100.00 PERMI	E PEE DEÉRODAKANCE D	
WELLS DRILLED PR MUST ALSO BE SUBM TO FRACTURE - STIMULA OIL AND/OR GAS WE BOND, PERMANENT OIL AND/OR GAS WE ING ORIGINAL PERM	EDRILL:  PIES OF OG - 1, SHOWING ORIGINATED OF THE SHOWING ORIGINATED.  TE:  ELL ORIGINALLY DRILLED BEFOR PLAT AND ORIGINAL WELL RECUL ORIGINALLY DRILLED ON AN OUT NUMBER, AND PERFORMANCE OF SHEET OF THE SHOWING OR THE SHOWING OR THE SHOWING OR THE SHOWING OF T	NAL PERMIT NUMBER AND TO PPY OF THE PLAT AND TO REJUNE 5, 1929, FIVE (5) ORD. ID/OR AFTER JUNE 5, 192 BOND.	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 29, FIVE COPIES OG - 1, SHOW-
TO DRILL DEEPER OR RESUBMIT FIVE (5) CO. WELLS DRILLED PR. MUST ALSO BE SUBMIT FOR THE STIMULA OIL AND/OR GAS WE BOND, PERMANENT OIL AND/OR GAS WE ING ORIGINAL PERMIT Required forms must be four (24) hours in advantaged The following waiver rethereof.  WAIVER: I the undersigned this lease have expected.	EDRILL:  PIES OF OG - 1, SHOWING ORIGINATED OF THE SHOWING ORIGINATED.  TE:  ELL ORIGINALLY DRILLED BEFOR PLAT AND ORIGINAL WELL RECUL ORIGINALLY DRILLED ON AN OUT NUMBER, AND PERFORMANCE OF SHEET OF THE SHOWING OR THE SHOWING OR THE SHOWING OR THE SHOWING OF T	NAL PERMIT NUMBER AND TO THE PLAT AND TO THE PLAT AND TO THE JUNE 5, 1929, FIVE (5) ORD.  ID/OR AFTER JUNE 5, 1928  BOND.  completion for bond release.  The control of the permit is to be control of the permit is to b	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  COPIES OG - 1, PERFORMANCE  29, FIVE COPIES OG - 1, SHOW-  Inspector to be notified twenty-  issued within ten days of receipt  or Operator of the coal under the coal
TO DRILL DEEPER OR RESUBMIT FIVE (5) CONVELLS DRILLED PROMUST ALSO BE SUBMIT OF FRACTURE - STIMULA OIL AND/OR GAS WE BOND, PERMANENT OIL AND/OR GAS WE ING ORIGINAL PERMIT Required forms must be four (24) hours in advantage of this lease have entereof.  WAIVER: I the undersigned this lease have entereof.	EDRILL:  PIES OF OG - 1, SHOWING ORIGINATION TO 1929, A PERMANENT CONTITED.  TE:  ELL ORIGINALLY DRILLED BEFORMANCE AND ORIGINAL WELL RECULT ON AN IT NUMBER, AND PERFORMANCE OF filed within ninety (90) days of connect.  The second se	NAL PERMIT NUMBER AND TO THE PLAT AND TO THE PLAT AND TO THE JUNE 5, 1929, FIVE (5) ORD.  ID/OR AFTER JUNE 5, 1928  BOND.  completion for bond release.  Coal Company, Owner ps this proposed well located as a proposed well located as a proposed well and the proposed well and the proposed well are no objections to said well at located as a proposed well are no objections to said well at located as a proposed well at located at located as a proposed well at located at l	ID PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 29, FIVE COPIES OG - 1, SHOW-Inspector to be notified twenty-issued within ten days of receipt or Operator of the coal undersion.  Tell being drilled at this location, 7, Chapter 22 of the West Virginia
TO DRILL DEEPER OR RESUBMIT FIVE (5) CONVELLS DRILLED PROMUST ALSO BE SUBMIT OF FRACTURE - STIMULA OIL AND/OR GAS WE BOND, PERMANENT OIL AND/OR GAS WE ING ORIGINAL PERMIT Required forms must be four (24) hours in advantage of this lease have entereof.  WAIVER: I the undersigned this lease have entereof.	EDRILL:  PIES OF OG - 1, SHOWING ORIGINATION TO 1929, A PERMANENT CONTITED.  TE:  ELL ORIGINALLY DRILLED BEFORMANCE AND ORIGINAL WELL RECULT ON AN IT NUMBER, AND PERFORMANCE OF filed within ninety (90) days of connect.  The second se	NAL PERMIT NUMBER AND TO THE PLAT AND TO THE PLAT AND TO THE JUNE 5, 1929, FIVE (5) ORD.  ID/OR AFTER JUNE 5, 1928  BOND.  completion for bond release.  Coal Company, Owner ps this proposed well located as a proposed well located as a proposed well and the proposed well and the proposed well are no objections to said well at located as a proposed well are no objections to said well at located as a proposed well at located at located as a proposed well at located at l	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  COPIES OG - 1, PERFORMANCE  29, FIVE COPIES OG - 1, SHOW-  Inspector to be notified twenty-  issued within ten days of receipt  or Operator of the coal under the coal