



DATE: 2/12/01 API#: 47 061 01379C

## State of West Virginia Division of Environmental Protection Section of Oil and Gas

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Well Operator's Report of Well Work

Farm name: Western Assoc. Coal Co.	Oper	ator Well No.:	5252	-
LOCATION: Elevation: 1101'	Quad	Irangle: <u>Monc</u>	<del>ongalia</del>	- Wadestown
District: Battelle .	Cou	nty: Mono	ongalia	
	39 Deg. 42		30 Sec.	
***************************************	30 Deg. 17		30 Sec.	
Dominion Exploration & F Company: CNGP Producing Co.	roductio	n, Inc.		
P O Box 1248	Casing &	Used in	Left in well	Cement fill
Jane Lew, WV 26378	Tubing	drilling		up Cu. Ft.
Address:				
Agent: Rodney J. Biggs				
Inspector: Randal Mick				•
Date Permit Issued: 10/05/00			•	
Date Well Work Commenced:	•			
Date Well Work Completed: 10/03/00		See Orio	rinal WR	-35 for
Verbal Plugging:			casing	
Date Permission granted on: 10/05/00		l	/ <sub>6</sub>	
Rotary X Cable Rig			,	
Total Depth (feet):				
Fresh Water Depth (ft.): N/A				RECEIVED
				Office of Oil & Gas
Salt Water Depth (ft.): N/A	<del></del>			Permitting
	<del></del>			
Is coal being mined in area (N/Y)? Y				FEB 1 4 2001
Coal Depths (ft.): N/A				WV Division of
OPEN FLOW DATA	•			Environmental Protection
, <u>, , , , , , , , , , , , , , , , , , </u>				
Producing formation Kattaning Coa	11 Pay zo	one depth (ft)_	<u> 1701-</u> 172	28'
Gas: Initial open flow MCF/d Oil: I	initial open flo	w N/A B	bVd	-
Final open flow 60 MCF/d Fi	inal open flow	N/A B	₽Ŋ₫	
Time of open flow between initial and fu	nal tests	12 Hours	3	·
Static rock Pressure 345 psig (surface			urs	
	, , , , , , , , , , , , , , , , , , , ,			
Second producing formation	Pay zon	e denth (ft)		
Gas: Initial open flow MCF/d Oil: I	Initial open flo	D Copin (II)	bl/d	
Final open flow MCF/d Fi	inal anan flass	. D	LILA	
Time of open flow between initial and fin	nai open now	D	ova	
Static rock Program octween initial and the	uai iesis	Hours	•	
Static rock Pressurepsig (surface	e pressure) aff	terHo	urs	
NOTE: ON BACK OF THIS FORM PUT THE FINTERVALS, FRACTURING OR STIMULATIN LOG WHICH IS A SYSTEMATIC DETAILED INCLUDING COAL ENCOUNTERED BY THE Y	IG, PHYSICA GEOLOGICA	L CHANGE. I	ETC. 2), THE	WELL MATIONS,
Signed: frall	22			FEB 2 3 2001
	7			Leo 🛥 🕳 =
By:	1115		. 0	
Date.	<u> </u>	,	AP	

09/29/2000 PERFORATED LOWER KITTANGING COAL, 1701 - 1708'.

10/02/2000 PLAN TO FRAC 10/03/00

10/03/2000 SHOT COAL SEAM FROM 1701 - 1728, 21 HOLES. FRACED AS FOLLOWS:

KATTANING COAL, 1701 - 1728', 21 HOLES, B.D. 925#, AVG RATE 20 BPM, AVG PRESS 2630#, 482 MSCFN2, TOT SAND 42,000#, ISIP 1560#

DATE: 7/7/00 API#: 47 061 1379

## State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: Eastern Assoc. Coal Co.				
LOCATION: Elevation: 1101'	Quad	rangle: <u>Wade</u>	stown 7.5	<u> </u>
District: Ballelle  Latitude: 9950 Feet South of 39  Longitude 8850 Feet West of 80  Dominion Exploration & I  Company (CNG Producing Company)	Deg. <u>42</u> Deg. <u>1</u>	7Min30	Sec.	
Company CNG FIOURCING COMPANY	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248				
Jane Lew, WV 26378				
Agent: Rodney J. Biggs				-
Inspector: Randal Mick		0051	0051	
Date Permit Issued: 12/07/99	9 5/8" 235'		235'	Sand In
Date Well Work Commenced: 4/03/00	7"	12701	12701	T 0 -1
Date Well Work Completed: 05/09/00	<del></del>	1370 <b>'</b>	1370'	50 sks
Verbal Plugging: N/A	4 1 /0!!	22071	22071	75 -1
Date Permission granted on: N/A	4 1/2"	3397 <b>'</b>	3397'	75 sks
Rotary X Cable Rig			ECEIVED	-
Total Depth (feet): 3500'  Fresh Water Depth (ft.): 195			Lice of Cl & Gas	
Fresh Water Depth (ft.): 195			Permiting	
Salt Water Depth (ft.): 1900		00	T 1 6 0000	
Sait Water Deptit (it.). 1900		U	T 16 2000	
Is coal being mined in area (N/Y)? Y			VV Civision of	
Coal Depths (ft.): 871-880		Envi	onnucial Protection	
()				
OPEN FLOW DATA Bayard	٠		3220-322	3¦
Fifth Sand Producing formatioFourth Sand	Pay 7	one denth (fi)	3145-319	2 6 !
Gas: Initial open flow Odor MCF/d Oil:	Initial open fl	lovi depin (n)	<u>: 3</u> 032-308 Bbl/d	O
	inal open flou	2.5 E		
Final open flow 41 MCF/d Fi	mai open nov	24 Hou		
Time of open flow between initial and f	a praccural af	ter 12 Ho		
Static rock Pressure 400 psig (surface		10110	200	
Fifty Foo	Ot Pay 701	ne denth (ft) 2	808-2880' 306-2346'	
Second producing formation Injun  Gas: Initial open flow * MCF/d Oil:	Initial open f		Bbl/d	
<u> </u>	inal open flov	, * F	bl/d	
		* Hou		
Time of open flow between initial and for Static rock Pressure * psig (surface)	a pressure) af		urs	
-	e pressure) ar		4.5	
mmingled NOTE: ON BACK OF THIS FORM PUT THE F	OI LOWING:	I). DETAILS	OF PERFORAT	ED
DITERVALS EDACTIBRIG OF STIMINATIN	IG PHYSICA	L CHANGE, 1	: 1 C. 2). I HE W	ELL
LOG WHICH IS A SYSTEMATIC DETAILED	GEOLOGICA	L RECORD O	F ALL FORMA	TIONS,
INCLUDING COAL ENCOUNTERED BY THE	VELLBØRE.	/ )_		
/	7/11/9/			
•				
Signed:/				

COMPANY/WELL NO.: CNGP 5252

4/13/00 PERFORATED AND FRACED AS FOLLOWS:

6/16/00

BAYARD, 3220 - 3223', 15 HOLES, 313 BBLS, TOT SAND 25,000# 5TH, 3145 - 3192', 20 HOLES, 302 BBLS, TOT SAND 15,500# 4TH SAND, 3052, 3086', 20 HOLES, 346 BBLS, TOT SAND 25,000# 50 FOOT, 2808 - 2880', 20 HOLES, 357 BBLS, TOT SAND 25,000#

4/17/00 KNOCKED OUT ALL BAFFLES. SWABBING 4/10, 1" - 21 MCFD.

 $4/18/00\,$  SWABBING WATER AND OIL. 24/10 1" H2O - 51.6 MCF. EST. 10 BBL OIL IN PIT.

MOVE IN 50 BBL TANK FOR SWABBING OIL.

4/19/00 CONTINUE SWABBING WATER AND SLIGHT OIL. SAND PUMP TO TD. 49 MCF.

4/20/00 MAKING 5 BBLS OIL/DAY. O.F. = 41 MCF/D. SICP = 400#.

RELEASED RIG.

4/26/00 WAITING TO FRAC INJUN

5/8/00 SICP = 490#. TD 3313'. SET SOLID PLUG AT 2400'. SHOT

INJUN, 2306 - 2346', 18 HOLES.

5/9/00 PLAN TO FRAC THIS A.M.

5/9/00 UNABLE TO BREAK FORMATION AT 5000#. RE-PERFORATE INJUN.

FORMATION BROKE AT 5280#. PUMPED 270 BBLS WITH

15,000# 1- 3 PPG, AVG PRESS 3,700#.

5/10/00 SICP = 1250#. SWABBED WELL. MAKING 3 BBLS/RUN. SHOW OF GAS.

5/12/00 CONTINUE TO SWAB WELL.

5/12/00 SICP = 15#. CONTINUE TO SWAB AND SAND PUMP. LITTLE SHOW OF GAS.

UNMEASUREABLE Drilled out Bottom Plug @ 3313'. 09/14/00 Permitting Well for Coalbed Methane.