DATE:	12/10/08
API:	47-097-03486

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

Well Operator's Report of Well Work

Farm Name: Chuck Marple	Operator W	ell NoC	Marple B #1	D0801
LOCATION: Elevation: 1,149	Quadr	angle:	Berlin	
District: Warren			Upshur	
Latitude: 9,505 Feet S. of				
Longitude: 6,755 Feet W. of		15 Min.		
LongitudeTeet VV. of		10 101111.		0.
Company: Devonian Gas Production,Inc.				
1	Casing &	Used in	·	Cement fill
Address: PO Box 907	Tubing	Drilling	Left in Well	
	9 5/8	30	conductor	
Jane Lew, WV 26378	7"	964'		
A cont			4871'	to surface
Agent: John Haskins		4871'	40/1	220 sks
Inspector: Craig Duckworth		ļ 	-	
Date Permit Issued: 01/25/08			_	
Date Well Work Commenced: 02/08/08				
Date Well Work Completed: 02/21/08				ļ
Verbal Plugging:			-	
Date Permission Granted on:				
Rotary X Cable Rig	ļ	ļ		
Total Depth (ft): 4,961			_	
Fresh Water Depth (ft): 290			-	
Salt Water Depth (ft): none				
Is coal being mined in the area (Y/N)?	N			
Coal Depths (ft): 510'				
OPEN FLOW DATA				
Producing formations		Pay zone de	pth (ft)	
Bradi	ford			3,505
Bens	son			4,356
EII	k			4,752
·				
-				
Gas: Initial open flow odor	Mcf/d. Oil: Init	ial open flow	N/A Bb	l/d
Final open flow 189	Mcf/d. Fir	nal open flow	N/A Bb	l/d
Time to open flow between initial	and final tests:	5	Hours	
Static rock Pressure 1600	psig (surface	press.) after	48 Ho	ours
NOTE: On book of this forms not the following	4) Detelle of	nodoveted int	anuala frantissi	na or
NOTE: On back of this form put the following		-		
stimulating, physical change, etc. 2) The we	-	-	rerailed geolog	jical
record of all formations, including coal encou	intered by the v	wellbore.		
Signed: 11/1/-	•			
Signed: //				
Dy.				

HYDRAULIC FRACTURING DETAILS

STAGE	FORMATION	PERFORATIONS	SAND	
		# of shots	20/40	
1st Stage	Elk	10	30,000	
2nd Stage	Benson	12	30,000	
3rd Stage	Bradford	9	25,000	

DRILLERS LOG

DRILLERS LOG				
FORMATION	FROM	ТО		
fill	0	9		
red rock	9	27		
sand & shale	27	40		
red rock	40	240		
sand & shale	240	360		
coal	360	550		
sand & shale	550	850		
Little Lime	850	1,100		
sand & shale	1,100	1,550		
Big Lime	1,550	1,670		
Injun	1,670	1,745		
sand & shale	1,745	2,288		
Fifth Sand	2,288	2,301		
sand & shale	2,301	2,430		
Bayard	2,430	2,450		
sand & shale	2,450	3,512		
Bradford	3,512	3,537		
sand & shale	3,537	4,358		
Benson	4,358	4,369		
sand & shale	4,369	4,755		
Elk	4,755	4,961		
sand & shale	4,961	TD		

ELECTRIC LOG

FORMATION	DEPTH
Big Lime	1,530
Fourth Sand	2,270
Fifth Sand	2,388
Bayard	2,426
Bradford	3,505
Riley	4,104
Benson	4,356
Elk	4,752



west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax

State of the second of the

Joe Manchin III, Governor Stephanie R. Timmermeyer, Cabinet Secretary www.wvdep.org

January 25, 2008

WELL WORK PERMIT

New Well

This permit, API Well Number: 47-9703486, issued to DEVONIAN GAS PRODUCTION, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin Chief

Operator's Well No: C MARPLE B - 1

Farm Name: MARPLE, CHARLES A.

API Well Number: 47-9703486

Permit Type: New Well Date Issued: 01/25/2008

Promoting a healthy environment.

97-03486 Page <u>5</u> of <u>//</u>

Form: WW - 2B

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

•	97 8 293
1) Well Operator: Devonian Gas Production, Inc.	Upshur Warren Berlin
	Operator ID County District Quadrangle
2) Operator's Well #: _C.Marple B #1 DO801	3) Elevation: _1148.64'
4)Well Type: (a) Oil or Gas X	
(b) if Gas: Production X	/ Underground Storage
Deep	/ Shallow X
5) Proposed Target Formation(s): Elk	
6) Proposed Total Depth: 5010'	Feet
7) Approximate fresh water strata depths: 290'	
8) Approximate salt water depths: None	
9) Approximate coal seam depths: 510'	
10) Does land contain coal seams tributary to active mi	ne? No
11) Describe proposed well work: Drill & complete a	well to Elk formation for gas production
12) <u>CASING AND TUBING F</u>	PROGRAM

CASING AND TUBING PRUGRAM

TYPE SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT	
	<u>Size</u>	<u>Grade</u>	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	9 5/8"	LS	27#	30'	0'	None
Fresh Water	7"	LS	17#	950'	950'	As Req 35 CSR 411-3 35 CSR 411-22
Coal						
Intermediate						
Production	4 1/2"	J-55	10.5		5010'	As Req 35 CSR 411-1
Tubing						CM 1-11-08
Liners						

Packers: CB 2746 Kind

Sizes

#650

Depths Set

