DATE:	5/12/2009
API:	47-097-03482

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 A #2	D0729
LOCATION: Elevation: 1323'	Quadr	angle:	Rerlin	
District: Warren	C	county:	Upshur	
Latitude: 9,300 Feet S. of	39 Dea	05 Min	00 Se	<u> </u>
Longitude: 7,855 Feet W. of		15 IVIII.	00Se	C.
Company: Devonian Gas Production,Inc.	····			
	Casing &	Used in	1	Cement fill
Address: PO Box 907	Tubing	Drilling	Left in Well	
Jane Lew, WV 26378	9 5/8	30	conductor	
	7"	1137'	1137'	to surface
Agent: John Haskins	4 1/2"	5027'	5027'	225 sks
Inspector: Craig Duckworth			1	
Date Permit Issued: 11/13/07				
Date Well Work Commenced: 11/15/07			1	
Date Well Work Completed: 12/11/07				
Verbal Plugging:			1	
Date Permission Granted on:				
Rotary X Cable Rig			1	
Total Depth (ft): 5,103				
Fresh Water Depth (ft): 300'				
Salt Water Depth (ft): none				
Is coal being mined in the area (Y/N)?	N			
Coal Depths (ft): 525'				
OPEN FLOW DATA				
Producing formations Injul	n	Pay zone dep	th (ft)	1,911
Bradfe		r ay zone dep		3,708
Bens				4,554
Elk			_	4,939
Lin			-	4,000
-			_	
Gas: Initial open flow odor	Mcf/d. Oil: Init	ial open flow	N/A Bb	l/d
Final open flow 180	Mcf/d. Fin	al open flow	N/A Bb	I/d
Time to open flow between initial a	and final tests:	5	Hours	
Static rock Pressure 1700	psig (surface i	oress.) after	<u>48</u> Ho	ours
NOTE: On back of this form put the following:	,			_
stimulating, physical change, etc. 2) The well	_	•	etailed geolog	ical
record of all formations, including coal encou	ntered by the v	wellbore.		
Signed: Jank				
By: / ,				
Date: 5/12/709				
/ / /				

HYDRAULIC FRACTURING DETAILS

STAGE	FORMATION	PERFORATIONS	SAND	
		# of shots	20/40	
1st Stage	Elk	12	35,000	
2nd Stage	Benson	12	30,000	
3rd Stage	Bradford	10	15,000	
4th Stage	Injun	12	20,000	
			•	

DRILLERS LOG

FORMATION	FROM	ТО
fill	0	18
red rock	18	30
sand & shale	30	47
red rock	47	286
sand & shale	286	695
coal	695	700
sand & shale	700	1,653
Little Lime	1,653	1,675
sand & shale	1,675	1,710
Big Lime	1,710	1,835
Injun	1,835	1,908
sand & shale	1,908	2,521
Fifth Sand	2,521	2,550
sand & shale	2,550	2,601
Bayard	2,601	2,636
sand & shale	2,636	3,694
Bradford	3,694	3,704
sand & shale	3,704	4,537
Benson	4,537	4,551
sand & shale	4,551	4,925
Elk	4,925	4,936
sand & shale	4,936	TD

ELECTRIC LOG

FORMATION	DEPTH
Big Lime	1,725
Fourth Sand	2,400
Fifth Sand	2,545
Bayard	2,630
Bradford	3,725
Riley	4,254
Benson	4,515
Elk	4,930



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

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

November 13, 2007

WELL WORK PERMIT

New Well

This permit, API Well Number: 47-9703482, 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: CMARPLE 2 DO729

Farm Name: MARPLE, CHARLES A.

API Well Number: 47-9703482

Permit Type: New Well Date Issued: 11/13/2007

Promoting a healthy environment.

9765999 Page 5 of 1/

Form: WW - 2B

STATE OF WEST VIRGINIA

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

			- 11 1					_
1) Well Operator:	Devonian Ga	s Production, Inc.			97 Upshur	Warren	245 Berlin	
			Оре	erator ID	County	District	Quadrangle	
2) Operator's Well #	C.Marple A	#2 DO729		_ 3	3) Elevatio	n: <u>1323</u>	.09'	
4)Well Type: (a	a) Oil	or Gas X						
	(b) if Gas:	Production X	/	Undergro	ound Stor	age		
		Deep	_ /	Shallow		X		_
5) Proposed Target	Formation(s):	Elk		<u>-</u>				
6) Proposed Total D	epth: 5185'				Feet			
7) Approximate fres	h water strata o	depths: 300'						
8) Approximate salt	water depths:	None					N. M.	
9) Approximate coal	seam depths:	525'						
10) Does land conta	in coal seams	tributary to active mir	ne?	No				
11) Describe propos	sed well work:	Drill & complete a v	vell t	o Elk form	nation for	gas produ	ction	
12)	CAS	ING AND TUBING P	ROC	RAM				

CASING AND TUBING PROGRAM

TYPE S	PECIFIC	ATIONS		FOOTAGE	INTERVALS	CEMENT
	Size	<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 ½"	J-55	10.5		5185'	As Req 35 CSR 411-1
Tubing				CIQ 11-7-07		
Liners						

Packers:

Kind Sizes

Depths Set

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WV Department of Environmental Protection