WR-35 Rev (9-11)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE:	5/24/12
API#:	047-035-02973

Party, top.	4
Programme and the second	

Farm name: Thaxton	Operator We	II No.: 1			
LOCATION: Elevation: 802' GL	_ Quadrangle:	Quadrangle: Cottageville 7.5'		Y 3 5 2012	
District: Union Latitude: 8500 Feet South of 38 Deg. Longitude 5450 Feet West of 81 Deg			<u>. О.</u>	Pariment of	
Company: D. C. Malcolm, Inc.				The facility of the	
Address: 920 Huntington Square	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Charleston, WV 25301	13-3/8"	34'	34'		
Agent: D. C. Malcolm					
Inspector: Jamie Stevens	9-5/8"	810'	810'	CTS-270 sx	
Date Permit Issued: 11/20/09					
Date Well Work Commenced: 1/19/10	7"	2331'	2331'	150 sx	
Date Well Work Completed: 2/26/10					
Verbal Plugging; n/a	4-1/2"	4323'	4323'	80 sx	
Date Permission granted on: n/a			,		
Rotary Z Cable Rig			-)	Ł .	
Total Vertical Depth (ft): 4323'				الله الله	
Total Measured Depth (ft): 4323'			1	- '56	
Fresh Water Depth (ft.): None Reported			*.		
Salt Water Depth (ft.): 1153'					
Is coal being mined in area (N/Y)? No					
Coal Depths (ft.): None Reported					
Void(s) encountered (N/Y) Depth(s) No					
OPEN FLOW DATA (If more than two producing formation Producing formation Marcellus/Rhinestreet Pay Gas: Initial open flow show** MCF/d Oil: Initial open flow MCF/d Final open flow Time of open flow between initial and final tests 4 Static rock Pressure 500 psig (surface pressure) af	zone depth (ft) <u>'</u> low 0 B v 0 Bb Hours	bl/d bl/d	ata on separate sl	neet)	
Second producing formation Lower Huron Pay zo Gas: Initial open flow show MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests 4 Static rock Pressure 500 psig (surface pressure) af	y ⁰ Bb	bl/d ol/d			
I certify under penalty of law that I have personally examined all the attachments and that, based on my inquiry of those individual that the information is true, accurate, and complete.					

Date

08/03/2012

Were core samples	taken? Yes	No_XX	We	re cuttings caught duri	ng drilling?	Yes_XX	_No
Were Electrical, Mo		hysical logs rec	orded on this well?	If yes, please list			
NOTE: IN THE FRACTURING O DETAILED GEO	OR STIMULATII OLOGICAL RE	NG, PHYSICA CORD OF TI	L CHANGE, ETC IE TOPS AND	1). DETAILS OF C. 2). THE WELL L BOTTOMS OF AL E TO TOTAL DEPI	OG WHICH L FORMAT	IS A SYS	STEMATIC
Perforated Intervals	s, Fracturing, or St	imulating:					
1) 4173'-4303': ′	1005 mscf N2.	BDP=2364	psi. ATP=3119	psi @ 67.8 mscf	min.		
2) 3618'-4123':	529 mscf N2, 1	136 bbls H20), 570 sx sand.	BDP=1752 psi	ATP=1976	psi @ 4	0 bpm.
3) 3410'-3559':	459 mscf N2, 1	117 bbls H20), 518 sx sa nd.	BDP=2290 psi.	ATP=1947	psi @ 4	0 bpm.
			*				-
Plug Back Details I	ncluding Plug Typ	e and Depth(s):					
. No. 4 . 5							
Formations Encour Surface:	ntered:		Top Depth			Bottom De	pth
Sand & Shale	0'-1	836'					
Big Lime	1836'-1	932'					-
Injun	1932'-1	946'					
Shale	1946'-2	2250'				· · · · · · · · · · · · · · · · · · ·	
Berea	2250'-2	2270'					
Shale	2270'-	3387'	3N-75-44-20-4-3-				
Lower Huron	3387'-	4150'					
Rhinestreet	4150'-	4272'					
Marcellus	4172'~	4303'					
Onondaga (TD)	4303'-4	4323'					
							