`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:	02/01/2013	
API #:	47-091-01126	

Farm name: Denjen, Richard L.	Operator Well	No.: W.M. Com	oton 1A	
LOCATION: Elevation: 1993	Quadrangle:			
District: Fetterman	County: Tay			
Latitude: 4,500 Feet South of 30 Deg. Longitude 5,300 Feet West of 79 Deg.	27 Min. 55 Min.			
Company: Petroleum Development Corporation	г			
Address: 120 Genesis Boulevard	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Bridgeport, WV 26330	11 3/4"	33,		
Agent: Bob Williamson	8 5/8"	1054'	1054'	345
Inspector: Joe McCourt	5 1/2"	8092'	8092'	384
Date Permit Issued: 04/23/2009				
Date Well Work Commenced: 08/19/2009	2 3/8"		7914'	
Date Well Work Completed: 11/02/2009				
Verbal Plugging:	i			
Date Permission granted on:			GEIVED	
Rotary Cable Rig		Office	of Oll & G	38
Total Vertical Depth (ft): 8041'			•	
Total Measured Depth (ft): 8165'		MA	R 0 6 2013	
Fresh Water Depth (ft.): 233', 270'				of
Salt Water Depth (ft.): N/A		MA D	e <del>partment</del> <del>rental Prot</del>	ection
Is coal being mined in area (N/Y)? N		EUAILOUIN	iemai i o.	
Coal Depths (ft.): NR				
Void(s) encountered (N/Y) Depth(s) N				
OPEN FLOW DATA (If more than two producing formation Producing formation Pays	ons please inclu zone depth (ft)_	de additional de	na on separate si	ieet)
Gas: Initial open flowMCF/d Oil: Initial open fl		bl/d		
Final open flow 338 MCF/d Final open flow	vB	ol/d		•
Time of open flow between initial and final tests	Hours			
Static rock Pressure 1200 psig (surface pressure) at	fter <u>48</u> Hou	irs		
Second producing formationPay zo	ne depth (ft)			
Gas: Initial open flow MCF/d Oil: Initial open f		bl/d		
Final open flow MCF/d Final open flow		ol/d		
Time of open flow between initial and final tests				
Static rock Pressurepsig (surface pressure) a	fterHou	ırs		
I certify under penalty of law that I have personally examined	and am familia	r with the infon	nation submitted	l on this document and
all the attachments and that, based on my inquiry of those indi	ividuals immedi	iately responsib	le for obtaining t	he information I believe
that the information is true, accurate, and complete.				
at Illia		02/	07/2013	
Signature			Date	03/15/201

91-01126

Were core samples	taken? Yes	<sub>No_</sub> XX	. ν	Vere cuttings caug	ght during dr	illing? Yes_	XX No_	
Were Electrical, Me	chanical or Geop	hysical logs re	ecorded on this we	ll? If ves, picase	list Mud Log	from 1100'-	TD. Schlumb	erger
Dens/Neu/GR/Cal/PE & De	ens/NewLaterLog/GR/C	al from 70' - 8165'.	Schlum, CBL/GR/CL from	8080-5800'. Schlum De	v Log from 8120	1065'.		
NOTE: IN THE FRACTURING O DETAILED GEO COAL ENCOUNT	R STIMULATI LOGICAL RE	NG, PHYSIC CORD OF T	CAL CHANGE, E THE TOPS AND	TC. 2). THE WI BOTTOMS O	ELL LOG V F ALL FO	VHICH IS	A SYSTEM	ATIĆ
Perforated Intervals,	, Fracturing, or S	timulating:						
10/23/09: MIRU H	otwell & perf N	larcellus fro	m 8063-73 & 80	28-38.11/02/20	09:Two-st	age Marce	llus comple	etion.
The first stage was	a slickwater trea	tment with 23	60 sks of 100 mes	h and 2697.71 sl	ks of 40/70 i	nesh white s	ands. The	dean
volume pumped was 1	10,503 bbl. The br	eakdown press	ure was 3925 psi, v	vith an initial ISIP o	of 3705 psi (F	G=0.89). The	e well treated	at an
average rate of 65 b	pm with an avera	age treating pr	essure of 4980 ps	i. ISIP, 4094 psi.	MIRU Holy	vell & set Alp	ha plug @ 7	990'.
Perf 2nd stage in Ma	rcellus from 7935	5-7955. 2nd st	age was a slickwai	er treatment with	2310 sks of	100 mesh a	nd 2197.12 s	ks of
40/70 mesh white san		• •		•	•	-		•
Phy Back Donnie L	solution pile my	& Such Depart	FG=0.95, ا	cossibly inflated	due to the p	ossible char	ge from stag	je I).
The well treated a			10/01/0					
Formations Encoun	tered:		Top Depth	1		Botte	om Depth	
Little Lime	1008	1022		Tully	7520	7648		
Big Lime	1044	1218		Marcellus	7984	8081	Gas	
Injun	1218	1277		Onondaga	8081	8098		
Pocono	1308	1389		Huntersville	8098	8165	MD-TD	
Berea	1404	1434						
50 Foot	1600	1622						
30 Foot	1644	1670						
4th Sand	2132	2170						
5th Sand	2242	2303						
Bailtown	3170	3404						
Riley	3942	3951						
Benson	4199	4254						
Elks	4804	4858	Gas					
Sycamore	6780	6800						

Gas

7520

7513

Geneseo