WR-35 Rev (8-10) Page 1 of 2

State of West Virginia Department of Environmental Protection Office of Oil and Gas

Lease No: 071053; DV014571; 070676; 70667; 70641

Well Operator's Report of Well Work

District: Pleasant County: Barbour	Latitude: 11,846 Feet South of: 39 Del Longitude: 3,625 Feet West of: 80 Del Longitude: 2,625 Feet West of: 80 Del Longitude: 6,62378 Feet	eg. 1 eg. 0 eg. and ing 20"	Used in drilling	100 Læft i=	Sec.	
Longitude: 3,625 Feet West of: 80 Deg. 00 Min. 00 Sec. Longingamy: CNX Gas Company LLC Casing and Used in Left in well Cement if Tubing drilling up Co. F Addiress: F.O. Box 1248 Jane Lew. WV 26378 Agent: Kent Wright Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20" 100' 100' Grouted Date Well Work Completed: 10/07/2011 20" 100' 100' Grouted Date Well Work Completed: 10/07/2011 20" 100' 100' Grouted Date Permission granted on: Rotal Verbie Plugging: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: Rotal Vertical Depth (feet): 6720' Total Measured Depth (feet): 6720' Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (P/Y)?: No Coal Depths (ft.): 1901, 230', 310' Void(e) encountered (P/Y) Depth(s) OPEN FLOW DATA RECONVENING THE VERTICAL AND HORIZONTAL DRILLING CONTROL	Longitude: 3,625 Feet West of: 80 Department of:	eg. 0	Used in drilling	100 Læft i=	Sec.	
Casing and Used in Left In well Cement if Tubing drilling up Cu. F Address: F.O. Box 1248 Jane Lew, WV 26378 Agent: Kent Wright Inspector: Bryan Harris Dete Permit Issued: 02/14/2011 Dete Well Work Commenced: 09/23/2011 20" 100' 100' Grouted Dete Well Work Commenced: 10/07/2011 Verbel Plugging: 13 3/8" 657.6' 657.6' 486 st Date Permission granted on: Rotar: Cable Rig X 9 5/8" 2080' 2080' 640 st Total Vertical Depth (feet): 6720' Total Vertical Depth (feet): 6720' Total Vertical Depth (fe.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y-)?: No Coal Depths (ft.): 150', 230', 310' Void(s) encountered (N/Y) Depth(s) OPEN FLOW DATA Producing formation Gas: Initial open flow Final open flow Final open flow between initial and final tests Environmental Projection III	Casin Tubin Address: F.O. Box 1248 Jane Lew, WV 26378 Agent: Ken Wright Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotar Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Voial Measured Depth (feet): 6720' Voial Measured Depth (feet): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	eng and ing 20"	Used in drilling	10 657	: weli	
Casing and Used in Tubing drilling Up Ct. F Address: F.O. Box 1248 Jane Lew, WV 26378 Agent: Kent Wright Inspector: Bryan Harris Dete Permit Issued: 02/14/2011 Date Well Work Completed: 09/23/2011 20" 100' 100' Grouted Date Well Work Completed: 10/07/2011 Verbal Plugging: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: 10 10 10 10 10 10 10 10 10 10 10 10 10	Casin Tubin Address: F.O. Box 1248 Jane Lew, WV 26378 Agent: Ken Wright Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 26 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotar Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): 6720' Votal Measured Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mixed in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	20"	100' 657.6'	10		
Casing and Used in Tubing drilling Up Ct. F Address: F.O. Box 1248 Jane Lew. WV 26378 Agent: Kent Wright Inspector: Bryan Harris Dete Permit Issued: 02/14/2011 Date Well Work Completed: 09/23/2011 20" 100' 100' Grouted Bate Well Work Completed: 10/07/2011 Verbal Plugging: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: Itotal Vertical Depth (feet): 6720' Total Measured Depth (feet): 6720' Total Measured Depth (feet): N/A Is coal being mined in area (P/P)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depths(s) OPEN FLOW DATA Producing formation Gas: Initial open flow Final open flow Final open flow between initial and final tests Environmental Protection	Casin Tubin Address: F.O. Box 1248 Jane Lew, WV 26378 Agent: Ken Wright Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 26 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotar Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): 6720' Votal Measured Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mixed in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	20"	100' 657.6'	10		
Address: F.O. Box 1248 Jane Lew, WV 26378 Agent: Kent Wright Inspector: Bryan Harris Dete Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20" 100' 100' Grouted Date Well Work Commenced: 10/07/2011 Verbel Plugging: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: Rotar: Cable Rig X 9 5/8" 2080' 2080' 640 sl Total Vertical Depth (feet): 6720' Total Measured Depth (feet): 8720' Fresh Water Depth (ft.): 30' Sakt Water Depth (ft.): 30' Sakt Water Depth (ft.): N/A Is coal being mined in area (P/V)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s) OPEN FLOW DATA Producing formation Gas: Initial open flow Final open flow Final open flow Final open flow between initial and final tests Environmental Protection H	Addiress: F.O. Box 1248 Jane Lew, WV 26378 Agent: Ken Wright Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotar: Cable Rig X 9.5 Fotal Vertical Depth (feet): 6720' Voial Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mixed in area (P/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (P/Y) Depth(s)	20"	100' 657.6'	657	0'	ep Ce. F
Address: F.O. Box 1248 Jane Lew. WV 26378 Agent: Kent Wright Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20" 100" 100" Grouted Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: Rotal: Cable Rig X 9 5/8" 2080' 2080' 640 sl Total Vertical Depth (feet): 6720' Total Necessured Depth (feet): 6720' Total Measured Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depths(s) Producing formation Producing formation Gas: Initial open flow Final open flow Final open flow Time of open flow between initial and final tests Environmental Protection	Address: F.O. Box 1248 Jane Lew, WV 26378 Agent: Kent Wright Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 26 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotar: Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Void Measured Depth (feet): 6720' Void Measured Depth (ft.): N/A Is coal being mixed in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	20"	100'	657	0'	
Agent: Keni Wright Inspector: Bryan Harris Defe Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20" 100' 100' Grouted Date Well Work Completed: 10/07/2011 Verbal Plugging: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: Rotar: Cable Rig X 9 5/8" 2080' 2080' 640 sl Total Vertical Depth (feet): 6720' Total Measured Depth (feet): 6720' Total Measured Depth (feet): N/A Is coal being nained in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depths(s) OPEN FLOW DATA 1007/2011 - Vertical AND HORIZONTAL DRILING CASS Producing formation Producing formation Gas: Initial open flow MCF/d Final open flow MCF/d Time of open flow between initial and final tests Environmental Protection	Agent: Kent Wright Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotar Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): 6720' Votal Measured Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	3/8"	657.6	657	0'	
Comparison Com	Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 26 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotal Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): 6720' Votal Measured Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/*)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	3/8"	657.6	657	0'	
Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20" 100' 100' Grouted Date Well Work Completed: 10/07/2011 Verbal Plugging: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: Rotar: Cable Rig X 9 5/8" 2080' 2080' 640 sl Total Vertical Depth (feet): 6720' Total Measured Depth (feet): 6720' Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (P/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s) OPEN FLOW DATA IN07/2011 - VERTICAL AND HORIZONTAL DRILLING CONTROL ON RECONVENING THE VERTICAL A	Inspector: Bryan Harris Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 26 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotal Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): 6720' Votal Measured Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/*)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	3/8"	657.6	657	0'	
Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20" 100' 100' Grouted Date Well Work Commenced: 10/07/2011 20" 100' 100' Grouted Date Well Work Commenced: 10/07/2011 20" 100' 100' Grouted Date Well Work Commenced: 10/07/2011 20" 100' 100' Grouted Date Well Work Commenced: 10/07/2011 20" 100' 100' Grouted Date Well Work Commenced: 10/07/2011 20" 100' 100' Grouted Serviced Date Permission granted on: 10/07/2011 2080' 2080' 2080' 640 state Total Vertical Depth (feet): 6720' Total Wetscal Depth (feet): 6720' Total Measured Depth (feet): 6720' Total Measured Depth (feet): 80' Salt Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (P/Y): No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s) OPEN FLOW DATA 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING FLOW DATA 10/07/2011 - VERTICAL AND HORIZON	Date Permit Issued: 02/14/2011 Date Well Work Commenced: 09/23/2011 20 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotan Cable Rig X 95 Rotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/2)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	3/8"	657.6	657	0,	
Date Well Work Commerced: 09/23/2011 20" 100' 100' Grouted Date Well Work Completed: 10/07/2011 Verbal Plugging: 13 3/8" 657.6' 657.6' 486 sl Date Permission granted on: Rotal Vertical Depth (feet): 6720' Total Measured Depth (feet): 6720' Total Measured Depth (feet): N/A Saft Water Depth (ft.): N/A Is coal being mined in area (P/Y')?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (P/Y) Depth(s) OPEN FLOW DATA Producing formation Gas: Initial open flow Final open flow Final open flow Time of open flow between initial and final tests Dec 1.02012 Environmental Protection H	Date Well Work Commenced: 09/23/2011 26 Date Well Work Commenced: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Rotal Vertical Depth (feet): 6720' Ustal Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	3/8"	657.6	657	0'	í
Date Well Work Completed: 10/07/2011 Verbal Plugging: 13 3/8" 657.6' 657.6' 486 st Date Permission granted on: Rotal: Cable Rig X 9 5/8" 2080' 2080' 640 st Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): 8720' Votal Measured Depth (ft.): 30' Saft Water Depth (ft.): N/A Is coal being mined in area (P/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (P/Y) Depths(s) OPEN FLOW DATA 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING CONTROL OF THE GRANT CO	Date Well Work Completed: 10/07/2011 Verbal Plugging: 13: Date Permission granted on: Notar Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	3/8"	657.6	657		Groute
Verbal Plugging: Date Permission granted on: Rotar: Cable Rig X 9 5/8" 2080' 2080' 640 st Fotal Vertical Depth (feet): 6720' Uotal Measured Depth (feet): 8720' Salt Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mixed in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s) OPEN FLOW DATA 1007/2011 - VERTICAL AND HORIZONTAL DRILLING TO THE GAS Producing formation Gas: Initial open flow Final open flow between initial and final tests Environmental Protection	Verbal Plugging: Date Permission granted on: Rotar Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Voial Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)					
Date Permission granted on: Potal Cable Rig X 95/8" 2080' 2080' 640 st Fotal Vertical Depth (feet): 6720' Total Measured Depth (feet): 6720' Total Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): Is coal being mined in area (P/Y)?: Is coal being mined in area (P/Y)?: Is coal being mined in area (P/Y)?: Is coal being mined in area (P/Y)?: Is coal being mined in area (P/Y)?:	Date Permission granted on: Rotar: Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)				7.6'	486 s
Rotal: Cable Rig X 9 5/8" 2080' 2080' 640 st Fotal Vertical Depth (feet): 6720' Total Measured Depth (feet): 6720' Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s) OPEN FLOW DATA 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING CONTROL OF C	Rotar Cable Rig X 95 Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mixed in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)	5/8"	2080'	200		
Fotal Vertical Depth (feet): 6720' Fotal Measured Depth (feet): 6720' Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (P/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (P/Y) Depths(c) OPEN FLOW DATA 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING CONTROL OF C	Fotal Vertical Depth (feet): 6720' Votal Measured Depth (feet): 6720' Votal Measured Depth (feet): 80' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)				80'	640 s
Cotal Measured Depth (fect):	l'otal Measured Depth (feet): Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)					0.00
Salt Water Depth (ft.): N/A	Fresh Water Depth (ft.): 30' Salt Water Depth (ft.): N/A Is coal being mined in area (N/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)					
Salt Water Depth (ft.): N/A Is coal being mixed in area (P/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s) OPEN FLOW DATA 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING TEXT TO ON RECONVENING THE VERTICAL AND HORIZONTAL DRILLING TEXT TO ON	Salt Water Depth (ft.): N/A Is coal being mined in area (N/2)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (N/Y) Depth(s)					
Second being mixed in area (P/Y)?: No	Is coal being mined in area (P/Y)?: No Coal Depths (ft.): 190', 230', 310' Void(s) encountered (P/Y) Depth(s)		+			
Void(s) encountered (NV) Deptin(s) OPEN FLOW DATA 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING FLOW FLOW DATA Producing formation Gas: Initial orien flow Final open flow Time of open flow between initial and final tests Producing DEC 1.0 2012 Pay zone depth (ft) WV Department of British open flow Environmental Protection	Coal Depths (ft.): 190', 230', 310' Void(s) encountered (NV) Depth(s)		+			
Void(s) encountered (NV) Deptis(s) OPEN FLOW DATA 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING FLOW FLOW ON RECONVENING THE VERTICAL AND HORIZONTAL DRILLING FLOW FLOW FLOW FLOW FLOW FLOW FLOW FLOW	Void(s) encountered (N/Y) Depth(s)		 	-		
Producing formation Gas: Initial open flow Final open flow Final open flow Time of open flow between initial and final tests 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING FINAL OPEN FLOW ON RECONVENING THE VERTICAL AND HORIZONTAL DRILLING FLOW OF THE VERTICAL AND HORIZONTAL DRILLING FLOW ON RECONVENING THE VE	ODERNI DE CICELDA DA DA 100000011 VERTICAL AND HORIZONTA		 			ļ
Producing formation Gas: Initial open flow Final open flow Time of open flow between initial and final tests PEC 1.0 2012 Pay zone depth (ft) WYDEPATTMENT OF BETTING OF BETTING OF THE PROJECTION BE	<u>OPEN FLOW DATA</u> 10/07/2011 - VERTICAL AND HORIZONTA RECONVENING THE VERTICAL AND HO					L
Gas: Initial open flow MCF/d Final open flow MCF/d Time of open flow between initial and final tests Environmental Protection	Producing formation		DEC	1.0 201	2	S
Time of open flow between initial and final tests Environmental Protection H						•0 F
Time of open flow between initial and final tests Environmental Protection H		V	vv vep	attme	Mt−e) `
		Envi	ronmai	al Pr	'Õtar	
Static Rock Pressure psig (surface pressure) after 12 H	-					
	Static Rock Pressure	psi	g (surface p	ressure) ai	iter	<u>12</u> F
	Second Producing formation		Pay 201	ne denth (A)	
Second Braducing formation Pay zone depth (A)	• • • • • • • • • • • • • • • • • • • •					
Second Producing formation Pay zone depth (ft) Con Initial ones flow Pay 2011 Initial ones flow Pay 2	Gas. Initial open now MCL7d			-		
Gas: Initial open flow # MCF/d Oil: Initial open flow # BI	Final open flow		1-111	ar oberi III	′* —	
Gas: Initial open flow * MCF/d Oil: Initial open flow * BI Final open flow * MCF/d Final open flow * BI						
Gas: Initial open flow * MCF/d Oil: Initial open flow * BI Final open flow * MCF/d Final open flow * BI Time of open flow between initial and final tests * Final open flow between flow flow flow flow flow flow flow flow	Time of open flow between initial and final tests					
Gas: Initial open flow * MCF/d Oil: Initial open flow * BI Final open flow * MCF/d Final open flow * BI	Time of open flow between initial and final tests Static rock Pressure*	psig	(surface pr	essure) aft	er	<u>*</u> H

Signature

Date

WR-35 Rev (5-01) Page 2 of 2	WELL	. P	HL13CHS (40	16851)				
Were core samples taken? Yes No _	<u> </u>	₩e	ere cuttings cou	ght duri	ng dr	illing? Yes	K_No_	
Were Electrical , Mechanical ,	<u>X</u> or	r Geo	physical logs re	ccor ded	on t hi	s well?		
NOTE: IN THE AREA BELOW PUT THE FOLLOW PHYSICAL CHANGE, ETC. 2). THE WELL LOG WESTOMS OF ALL FORMATIONS, INCLUDING O	WHICH E	a sy	STEMATIC DET	alled Gi	OOJO	HCAL RECORD	of the t	OPS AND
PERFORATED INTERVALS, FRACTURE	ING, OR	STE	MULATING:					
10/7/2011 NO FRACTURE. VERTICAL AND HORIZONTAL DRILLI	NG INCON	ADA EXT	we:					
PLAN ON RECONVENING THE VERTIC				3 IN 2014				
FORMATIONS ENCOUNTERED:				J II (2014.				
Fill 0 30 Sand/Shale	30	190	Coal	190	195	Sand/Clay	195	230
Sand/Shale 230 310 Coal	310	315	Sand/Shale	315	1045	Shale/RedRock	1045	

TOP BASE		M. P.E. FORM	pagali dal	· i	•
Sig Lime		1247 - 13 2 12 13 13 13 13 13 12 12 12 13 13 13 13 12 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13		. '	
Sig Lime	And the second s	· · · · · · · · · · · · · · · · · · ·	The State of the S		
1188 1240 1365 1365 1574 1550 1574		100	BASE		
1188 1240 1365 1365 1574 1550 1574				 	
SIG INJUN		1162	1170		
SANTZ		1188	1240		
FOURTH SAND WARREN 2520 2550 SPEECHLEY 2834 2873 3ALLTOWN 2996 3024 RILEY 3720 3940 3ENSON 4020 4085 FIRST ELK 4250 4302 SECOND ELK FHIRD ELK FOURTH ELK SYCAMORE GRIT JN-NAMED SILTSTONE FIRST ELK 6720 FIRST ELK 4934 4975 FOURTH ELK FOURTH E			1365		
## ARREN 2520 2550		····		-	
SPEECHLEY 2834 2873 3ALLTOWN 2996 3024 3720 3940 3ENSON 4020 4085 4020 4085 4020 408					
SALLTOWN 2996 3024		* *** *** * **** ********************			
RILEY 3720 3940 BENSON 4020 4085 FIRST ELK 4250 4302 BECOND ELK 4400 4480 FHIRD ELK 4660 4680 FOURTH ELK 4934 4975 BYCAMORE GRIT 6298 6405 JN-NAMED SILTSTONE 6720 PECEIVED Office of Oil & Ga					
BENSON 4020 4085 FIRST ELK 4250 4302 BECOND ELK 4400 4480 FHIRD ELK 4660 4680 FOURTH ELK 4934 4975 BYCAMORE GRIT 6298 6405 JN-NAMED SILTSTONE 6720 PECEIVED Office of Oil & Ga					
FIRST ELK 4250 4302 SECOND ELK 4400 4480 THIRD ELK 4660 4680 FOURTH ELK 4934 4975 SYCAMORE GRIT 6298 6405 JN-NAMED SILTSTONE 6720 PECEIVED Office of Oil & Ga					
SECOND ELK 4400 4480 THIRD ELK 4660 4680 FOURTH ELK 4934 4975 SYCAMORE GRIT 6298 6405 JN-NAMED SILTSTONE 6720 RECEIVED Office of Oil & Ga					
THIRD ELK 4660 4680 FOURTH ELK 4934 4975 SYCAMORE GRIT 6298 6405 JN-NAMED SILTSTONE 6720 RECEIVED Office of Oil & Ga DEC 1 0 2012				ļ	
OURTH ELK 4934 4975 SYCAMORE GRIT 6298 6405 JN-NAMED SILTSTONE 6720 PECEIVED Office of Oil & Ga DEC 1.0.2012					
SYCAMORE GRIT 6298 6405 JN-NAMED SILTSTONE 6720 RECEIVED Office of Oil & Ga DEC 1.0.2012				ļ	
JN-NAMED SILTSTONE 6720 RECEIVED Office of Oil & Ga DEC 1 0 2012				-	
PECEIVED Office of Oil & Ga DEC 1 0 2012			5405	ļ	
DEC 1.0 2012	M-MAILD SILTS TONE	6720		 	
DEC 1.0 2012					
DEC 1.0.2012				REC	ENED
DEC 1.0.2012				Office o	OIRG
		F BY - FF 11 FI WINDS DEPENDENCE OF CONTROL OF CONTROL CONTROL			7
				NFC	1 0 2012
WV Department o					
yvv Department o				AAAD-	
Protection of the contract of				AAA Deb	anment (
			744		
		F 6 11 11 11/2 have been and her foreign an annual control of	- 1 Mari	J	ttal Prote