WR-35 Rev. 8/23/13

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

API 47 - 051 - 0313 W County Ma	arshall	District Franklin	
and the second s	N/A	Field/Pool Name N/A	
Farm name Axiall Corp.		Well Number No. 9 I	
Operator (as registered with the OOG) Eagle Natrium	n LLC/Axiall Corp.		<del></del>
		State WV	Zip 26155
Top hole Northing  Landing Point of Curve Northing	E	and deviation survey Easting asting asting	
Elevation (ft) GL Type of V	Well □New ■ Existing	Type of Report 🖂	Interim oFinal
Permit Type   Deviated   Horizontal   H	orizontal 6A 📱 Vertica	Depth Type	Deep   Shallow
Type of Operation □ Convert □ Deepen □ Drill	□ Plug Back □ Re	drilling 🖪 Rework 🗆	Stimulate
Well Type □ Brine Disposal □ CBM □ Gas □ Oil	□ Secondary Recovery	Solution Mining   Stora	ge 🗆 Other
Type of Completion □ Single □ Multiple Fluids  Drilled with □ Cable ■ Rotary	Produced □ Brine □G	as □ NGL □ Oil □	Other Water Injection
Drilling Media Surface hole		te hole 🗆 Air 🗆 Mud (	□ Fresh Water □ Brine
Date permit issued12/16/2013 Date drilling	commenced1/2/20	Date drilling cea	
Date completion activities beganN/A	Date completion a	ctivities ceased	N/A
Verbal plugging (Y/N)N Date permission §	granted N/A	Granted by	N/A
Please note: Operator is required to submit a plugging	application within 5 days o	of verbal permission to plug	}
Freshwater depth(s) ft50'	Open mine(s) (Y/N	() depths	N/A
Salt water depth(s) ft 1050'-1750'	<del></del>	ed (Y/N) depths	N/A
Coal depth(s) ft 256' - 261'		ered (Y/N) depths	N/A
Is coal being mined in area (Y/N) N	Recei	ved	Reviewed by:
	NOV <b>24</b>	2014	

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API 47- 051 - 0313 W

Farm name Axiall Corp.

Well number No. 9 Injection

CASING Hole Casing New or Grade Basket Did cement circulate (Y/ N)

STRINGS Size Size Depth Used wt/ft Depth(s) \* Provide details below\*

Conductor 16" 60'

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N)  * Provide details below*
Conductor		16"	60'				
Surface							
Coal		13 3/8"	441'		H-40 @48.9lb/ft		
Intermediate 1		10 3/4"	1528'		H-40 @ 32.75		
Intermediate 2							
Intermediate 3							*
Production		8 5/8"	6804'		J55 @ 36lb/ft		
Tubing		5 1/2"	6264'		J-55 @17lb/ft	· · · · · ·	
Packer type and dep	th set	Peak Technology	SMP-X 5 1/2"	in 8 5/9" set at	6350'	•	

Comment Details Removed 6254' of 5 1/2" liner. Perforations were made in the 8 5/8" Production casing to perform a squeeze job, not for fracing purposes. Perfs. were made at 4950' to 4948', 3290' to 3288'. Cement was squeezed from 4950' to 4271' when the casing collapsed. Repair operation was ceased at that time.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield ( ft ³/sks)	Volume ( <u>ft ³</u> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface							
Coal	<del> </del>						
Intermediate I		530 Sacks		-			-
Intermediate 2							
Intermediate 3							
Production		400 Sacks					<del>,</del>
Tubing							

Drillers TD (ft) N/a  Deepest formation penetrated N/A  Plug back procedure N/A			Loggers TD (ft) N/A Plug back to (ft) N/A				
Kick off depth (ft) N/A							
Check all wireline logs run	■ caliper  □ neutron	☐ density☐ resistivity		☐ induction☐ temperature	□sonic		
Well cored	Convention	nal Sidewa	all Were cu	ttings collected	□ Yes □ No		
DESCRIBE THE CENTRALIZ	ER PLACEME	NT USED FOR	EACH CASING STRING	G N/A			
					-		
WAS WELL COMPLETED AS	S SHOT HOLE	□ Yes □ N	No DETAILS N/A				
WAS WELL COMPLETED OF	PEN HOLE?	□ Yes □ No	DETAILS N/A		Received		
WERE TRACERS USED O	es □ No	TYPE OF TR	ACER(S) USED NA		Office of Oil & G		

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API 4	<sub>7-</sub> <u>051</u> <u>-</u> 0313 V	Farm na	me_Axiall Corp.		Well number No. 9 Injection	1
			PERFORATI	ON RECORD		
Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)	<u> </u>
N/A						
						:
	-					
		-				

Please insert additional pages as applicable.

## STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
N/A								•
				-				
								·
		-						
		_				-		

Please insert additional pages as applicable.

Received
Office of Oil & Gas

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API 47- <u>051</u>	_ 0313 W	Farm	name Axiall Co	orp.	Well number No. 9 Injection			
PRODUCING I	FORMATION	( <u>S</u> )	<u>DEPTHS</u>	_TVD	MD			
Please insert ad	distance and an account			_		_		
		17.17	□ Open Flow		OII TEST D	Flow - Pur	mn	
	•		psi Botto					hrs
OPEN FLOW	Gas	Oil			Water	GAS MEA	SURED BY	
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN F	TOP T DEPTH IN FT MD	BOTTO DEPTH IN MD	N FT DESCRIBE		ND RECORD QUA ATER, BRINE, OI	.NTITYAND L, GAS, H <sub>2</sub> S, ETC)
	0		0					
	1							
Please insert ad Drilling Contra								
			City			State	Zip	
	any Baker Hug		City			State	Zip	
	npany Baker H		City			State	Zip	
Stimulating Co	mpany N/A		C.			0.		
11 ! 4 - 4	3141 1	1! 1.1 .	City					
Completed by	Edward T. Mc	Laughlin			Telephone	304-455-220	0-3476	Received ce of Oil & (
Signature Signature	Dend T. H	1 Javals	Title B	rine Field E	releptione ngineer	Date	11/20/2014	Received
Submittal of Hy	draulic Fractu	ring Chemical	Disclosure Info	rmation	Attach copy o	of FRACFOC	Offic US Registry	ce of Oil & (