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

API <u>47</u> 013 _ 03968	County Calhoun	District Sherman							
Quad Millstone		Field/Pool Name							
Farm name Davis		Wel							
Operator (as registered with the OOG)	Prime Operating Compar	ny							
Address 708 1/2 Lee Street East	City Charlestor		State WV	Zip _2	25301				
Landing Point of Curve Bottom Hole State Bettom Hole State Blevation (ft) 1282 GL		Easting _ Easting _ Easting _ Easting _	-81.033568 Type of Report	□Interim	□Final				
Permit Type Deviated Ho	orizontal Horizontal 6A	□ Vertical	Depth Type	□ Deep	□ Shallow				
Type of Operation □ Convert □ D	eepen 🗆 Drill 🗆 Plug Ba	ack Redrilling	■ Rework	□ Stimulat	e				
Well Type □ Brine Disposal □ CBM	■ Gas ■ Oil □ Secondary	Recovery Solutio	n Mining Sto	orage 🗆 Ot	her				
Drilled with		Intermediate hole	□ Air □ Mud	□ Fresh W	/ater □ Brine				
Date permit issued	Date drilling commenced_		Date drilling o	ceased					
Date completion activities began	8/18/2013 Date of	completion activities	ceased	9/30/2013					
Verbal plugging (Y/N) D	ate permission granted	G	ranted by						
Please note: Operator is required to sub Freshwater depth(s) ft Salt water depth(s) ft Coal depth(s) ft	Open n Void(s'	nine(s) (Y/N) depths) encountered (Y/N)	depths						
Coal depth(s) fts coal being mined in area (Y/N)	Office of Oil and Gas	(s) encountered (1/1	v) depuis						
s coar being mined in area (1/N)					2214 814 221 221 2				

JUN 1 5 2016

WR-35

Rev. 8/23/13									
API 47- 013	013 _ 03968 Farm name Davis Well number 1095								
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)		nent circulate (Y/ N ide details below*
Conductor						<u>.</u>			
Surface	9 5/8"	9 5/8" Existing	587'	New	3	3			Y
Coal									
Intermediate 1	7"	7"Existing	2427'	New	2	5			N - 220 sks
Intermediate 2									
Intermediate 3									
Production	4 1/2"	4 1/2"Existing	4624'	New	11	.6			N - 220 sks
Tubing		2 3/8"Existing	4598	New	4.	.7			
Packer type and de	pth set								
Comment Details									
CEMENT DATA	Class/Typ of Cemen		Number Slur of Sacks wt (p		•			ement (MD)	WOC (hrs)
Conductor									
Surface									
Coal									
Intermediate 1									-
intermediate 2									
ntermediate 3									
Production									
Tubing	 							-	
_	ion penetrate	d			TD (ft) to (ft)				
Kick off depth	(ft)								
Check all wirel	ine logs run	□ caliper □ neutron	□ density □ resistivity		ed/direction a ray		nduction emperature	□soni	c
Well cored	Yes 🖪 No	Convention	nal Side	wall	Wei	re cuttings	collected	□ Yes I	■ No
DESCRIBE TH	E CENTRA	LIZER PLACEME	NT USED FO	OR EACH C	ASING ST	RING			
WAS WELL C	OMPLETED	AS SHOT HOLE	□ Yes ■	No DI	ETAILS _			REC	EIVED Oil and Gas
WAS WELL C	OMPLETED	OPEN HOLE?	□ Yes ■ N	lo DET.	AILS			JUN-1	5 2016
	V.1.1 LL 1 L.D	OLDIVINOLD:	L + V3 E IV	DET.				WV Dena	rtment of
					•		En	vironment	al Protection
WERE TRACE	ERS USED	□ Yes 📱 No	TYPE OF T	RACER(S)	USED				

WR-35 Rev. 8/23/13

API	47- 013 - 03968	Farm name_Davis	Well number 1095
-----	-----------------	-----------------	------------------

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	9/13/2013	2439	2460	13	Weir
	•				
		- · · · ·			

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)
1	9/13/204		878	1644	287	20,580	112.5	260,781
								-
					·			
								-
			· · · · · · · · · · · · · · · · · · ·					-
					RI	CEIVED of Oil and Gas		
			· · · · · · · · · · · · · · · · · · ·		Office (of Oil and Gas		
					H M	1 5 2016		
		-			ViV	# 3 		

Please insert additional pages as applicable.

WV Department of Environmental Protection

WR-35 Rev. 8/23/13													Page	4_ of 4
API 47- 013	_ 03968		Farm	name_l	Davis				Well	number	1095			
PRODUCING	FORMAT	ION(S)	DEPT	HS									
						TVD	:		MD					
			-			-	-		-					
Please insert ac	dditional pa	ges as	applicable.			8	()							
GAS TEST	■ Build up	o 🗆 I	Drawdown	∄ Оре	en Flow		OIL	ΓEST □	Flow I	■ Pump				
SHUT-IN PRE	SSURE	Surfac	ce	psi	Botto	om Hole		psi	DURA	TION C	F TES	Т	h	nrs
OPEN FLOW			Oil d <u>5</u>		NGL	_ bpd _	Wate	er bpd	GAS N	MEASU mated	RED I	BY fice	□ Pilot	
LITHOLOGY/ FORMATION		N FT	BOTTOM DEPTH IN FT TVD	DEPT		BOTTOM DEPTH IN MD	FT I	DESCRIBE						
							-							
											CEIVE			
									C	office of	Oii and	ı Gas		
							-			JUN	152	016		
										WV De	nartme	nt of		
Please insert ad	lditional na	cec oc	annlicable						En	vironme	ental Pr	otection	on	
	367	T. (1)												
Drilling Contra Address									State		Zip			
Logging Comp											-			
Address					City	Weston			State	WV	Zip			
Cementing Cor							Joseph Joseph Philippin		10.00					
Address 14 Sew	ver Plant Roa	d			City	Buckannor	n		State	WV	Zip	2620	1	
Stimulating Co	mpany _U	niversa	l Well Service	e Co										
Address 14 Sew					_ City	Buckannor	n		State	WV	Zip	2620	1	
Please insert ad	iditional pa	ges as	applicable.											
Completed by	Randall L.	Whited	10 +	-/		ald Comment		elephone			1010010			
Signature _	arche	40	ville		Title F	ield Supervis	our			Date 6	9/2016			