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

API 47 - 039 - 01523 County Kanawh	District Elk
	Field/Pool Name Coco C Storage
Farm name Quick, Quentin & Betty	Well Number 7335
Operator (as registered with the OOG) Columbia Gas Tra	nsmission, LLC
	arleston State WV Zip 25325-1273
As Drilled location NAD 83/UTM Attach an as-drille Top hole Northing Landing Point of Curve Northing Bottom Hole Northing	Easting
Elevation (ft) 659 GL Type of Well	□New • Existing Type of Report □Interim •Final
Permit Type Deviated Horizontal Horizontal	atal 6A a Vertical Depth Type a Deep Shallow
Type of Operation Convert Deepen Drill	Plug Back Redrilling Rework Stimulate
Well Type □ Brine Disposal □ CBM □ Gas □ Oil □ Sec	condary Recovery Solution Mining Storage Other
Type of Completion Single	
•	menced Date drilling ceased
Date rework activities began 10/21/15	Date rework activities ceased 10/22/15
Verbal plugging (Y/N) Date permission granted	d Granted by
Please note: Operator is required to submit a plugging applica	ation within 5 days of verbal permission to plug
Freshwater depth(s) ft	Open mine(s) (Y/N) depths
Salt water depth(s) ft	Void(s) encountered (Y/N) depths
Coal depth(s) ft	Cavern(s) encountered (Y/N) depths Office of Oil and Gas WV Dept. of Environmental Protection
Is coal being mined in area (Y/N)	Reviewed by:

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API 47- 039	_ 01523	Farm na	_{ime} Quick, C	Quentin & E	Betty	Well n	umber73	35	
CASING	Hole	Casing		New or	Grade	В	isket	Did cen	nent circulate (Y/ N)
STRINGS	Size	Size	Depth	Used	wt/ft	De	pth(s)		ide details below*
Conductor				<u></u> .					
Surface									
Coal									
Intermediate 1									
Intermediate 2									
Intermediate 3			_						
Production									
Tubing									
Packer type and de	pth set							-	
CEMENT DATA	Class/Type of Cement	as allered and no add Number of Sacks	- Slur	ry	Yield	Volume	Cem Top (WOC (hrs)
Conductor	or concin	Of Sack	- With	<u> </u>	(/3K3)	7117	1001	, I	(ms)
Surface									
Coal									
Intermediate 1							 		
Intermediate 2									
Intermediate 3							1		
Production									
Tubing					+		 		
Drillers TD (ft)	1		- <u> </u>	Loggers T	'D (ft)				· · · · · · · · · · · · · · · · · · ·
	edure			_	` '				
	d during permitted we								
Kick off depth	(ft)								
Check all wirel	ine logs run		□ density □ resistivity		ed/directio a ray	nal 🗆 ind 🗆 ten	uction perature	□soni	c
Well cored □	Yes 🖪 No	□ Convention	onal 🗆 Side	wall	We	re cuttings c	ollected	□ Yes □	No c
DESCRIBE TH	IE CENTRALI	ZER PLACEME	ENT USED FO	OR EACH C	ASING ST	RING			
									
									
WAS WELL C	OMPLETED A	S SHOT HOLE	□ Yes ■	No Di	ETAILS _	-		100	sived
WAS WELL C	OMPLETED C	PEN HOLE?	■Yes □ N	io DET	AILS			0 CT 2	2 8 2015
WEDE TO 1 CT	The Hern	V = N-	TVDE OF T	DACEDON	Heed				
WERE TRACE	EKS USED -	Yes ■ No	TYPE OF T	KACEK(S)	U3ED				.

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API	47- 039	01523	Farm name_	Quick, Quentin & Betty	_Well number	7335
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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
					
			<u> </u>		

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	10/21/15	0	1810	N/A	N/A	0	20	300 acid (gals)
			* bottom-hole					
						-		
						 	<u> </u>	
						<u> </u>		
		· ·					NOT 1) 0	10016
							UCI 28	2015

Please insert additional pages as applicable.

Office of Oil and Gas

V/V Dept. of Environmental Protection

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API 47- 039 - 01523 Farm name Quick	د, Quentin & Betty	Well number 7335
PRODUCING FORMATION(S) Oriskany (storage)	TVD	5074 - 94 MD
Please insert additional pages as applicable.		
GAS TEST □ Build up □ Drawdown ⑤ Open Fl	low (OIL TEST - Flow - Pump
SHUT-IN PRESSURE Surface 1710 psi E	3ottom Hole	psi DURATION OF TEST hrs
OPEN FLOW Gas Oil NO 35,000 mcfpd bpd	GL bpd	Water GAS MEASURED BY bpd □ Estimated □ Orifice □ Pilot
LITHOLOGY/ TOP BOTTOM TOP FORMATION DEPTH IN FT DEPTH IN FT DEPTH IN NAME TVD TVD MD 0 0 0	BOTTOM FT DEPTH IN F MD	T DESCRIBE ROCK TYPE AND RECORD QUANTITYAND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
		-
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		OCT 2 8 2015
		+
		Office of Oil and Gas WV Dept, of Environmental Protection
Please insert additional pages as applicable.		WV Dept. of Environment
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Drilling Contractor (City	State Zip
Logging Company		StateZip
Cementing Company		
• • • • • • • • • • • • • • • • • • • •	City	State Zip
	City Jane Lew	State Zip 26378
Please insert additional pages as applicable.		
Completed by Jim Amos Signature Completed Title	e Senior Engineer	Telephone 304-483-0073 Date 10/26/15

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry

Coco C 7335 (API 039-01523)

Work Performed

Cleaned/jetted well using coil tubing. Washed across pay with foamed treated fresh water and 700 gals HCl acid. Spotted 300 gals HCl acid and allowed to soak for 60 minutes. Flowed well to recover fluids.

Received

OCT 2 8 2015

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