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

API 47 107 00453 C	ounty Wood	District Steele	
Destard MAN	ad Name	Field/Pool Name Ro	ockport Storage
Farm name Dent, Gladys P.		Well Number 7265	
Operator (as registered with the OOG) Colu	ımbia Gas Transmission, L		
Address PO Box 1273	City Charleston	State WV	Zip 25314
	ttach an as-drilled plat, profile	view, and deviation survey Easting 451928.61 m	
Landing Point of Curve Northin	g N/A	Easting N/A	
Bottom Hole Northin	g not measured (vertical wellbore)	Easting not measured (vertice	cal wellbore)
Elevation (ft) 1065.7 GL Permit Type Deviated Horizont	Type of Well New Exit	sting Type of Report Tertical Depth Type	□Interim ■Final ■ Deep □ Shallow
			E Deep E Shahon
Type of Operation □ Convert □ Deepen	□ Drill □ Plug Back	□ Redrilling ■ Rework	■ Stimulate
Well Type □ Brine Disposal □ CBM ■ G	as Oil Secondary Recov	ery Solution Mining Sto	rage Other
T	BUILD I I DI	• O NOT	Out
Type of Completion ■ Single □ Multiple	Fluids Produced Brine	■Gas □ NGL □ Oil	□ Other
Drilled with □ Cable □ Rotary			
and the state of the state of the state of		Switzer - II. Control	and the same
Drilling Media Surface hole		mediate hole Air Mud	□ Fresh Water □ Brine
Production hole Air Mud Fresh	Water Brine		
Mud Type(s) and Additive(s)			
N/A - no drilling performed			
Date permit issued 12/5/17 D	ate drilling commenced	N/A Date drilling c	eased N/A
	/18/17 Date rework		12/26/17 RECEIVED Gas
ALLA	ermission granted		Citics of One
Pare programs (1711)	James James	Similar of	FEB 1 2018
Please note: Operator is required to submit a	plugging application within 5	days of verbal permission to pl	ug WV Department of Environmental Protection
Freshwater depth(s) ft none observed de	uring rework Open mine(s) (Y/N) depths none obse	erved during rework
Salt water depth(s) ft none observed dur	open innic(s	untered (Y/N) depths none of	The state of the s
Coal depth(s) ft none observed during	ng rework Cavarn(s) an	countered (Y/N) depths none	observed during rework
cour depin(s) is	N Cavern(s) en	countered (1/14) deptils	• • • • • • • • • • • • • • • • • • • •
Is coal being mined in area (Y/N)			Reviewed by:

Reviewed

WR-35 Page ___ of ___ Rev. 8/23/13 Farm name Dent, Gladys P. API 47- 107 -_Well number__7265 00453 **CASING** Hole New or Grade Basket Did cement circulate (Y/N) Casing Used **STRINGS** * Provide details below* Size Size Depth wt/ft Depth(s) Conductor Surface Coal Intermediate 1 Intermediate 2 Intermediate 3 Production Tubing Packer type and depth set No casing or tubing ran during rework, no casing or tubing cemented during rework, and no casing or tubing pulled during rework. Comment Details CEMENT Class/Type Number Siurry Yield Volume Cement WOC DATA of Cement of Sacks (ft 3/sks) $(ft^{\frac{3}{2}})$ Top (MD) wt (ppg) (hrs) Conductor Surface Coal Intermediate 1 Intermediate 2 Intermediate 3 Production Tubing Drillers TD (ft) 5031 Loggers TD (ft) Deepest formation penetrated Oriskany Plug back to (ft) N/A Plug back procedure Kick off depth (ft) Check all wireline logs run □ deviated/directional □ caliper □ density □ induction □ neutron □ resistivity □ gamma ray □ temperature □sonic Well cored □ Yes ■ No Conventional Were cuttings collected □ Yes ■ No Sidewall DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING RECEIVED Gas WAS WELL COMPLETED AS SHOT HOLE □ Yes 📱 No DETAILS WV Department of Environmental Protection WAS WELL COMPLETED OPEN HOLE? □ Yes 📱 No **DETAILS** WERE TRACERS USED □ Yes ■ No TYPE OF TRACER(S) USED _____

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_Well number_7265

PERFORATION RECORD						
Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)	
N/A						
		_				

Farm name Dent, Gladys P.

Please insert additional pages as applicable.

RECEIVED Office of Oil and Gas

FEB 1 2018

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

W Department of Environmental Protection

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	12/19/17	4	0 - vacuum	N/A	N/A	0	92	1000 gal HCl
-								

Please insert additional pages as applicable.

WR-35 Page ___ of ___ Rev. 8/23/13 Farm name Dent, Gladys P. API 47- 107 _ 00453 Well number 7265 PRODUCING FORMATION(S) **DEPTHS** Oriskany (natural gas storage) 5358 - 5380' TVD MD Please insert additional pages as applicable. **GAS TEST** □ Build up □ Drawdown Open Flow OIL TEST

Flow

Pump Surface 1338 DURATION OF TEST 0.75 hrs SHUT-IN PRESSURE psi Bottom Hole psi OPEN FLOW Gas NGL Water GAS MEASURED BY 20000 bpd bpd ■ Estimated **■** Orifice □ Pilot bpd LITHOLOGY/ TOP BOTTOM TOP BOTTOM DEPTH IN FT FORMATION DEPTH IN FT DEPTH IN FT DEPTH IN FT DESCRIBE ROCK TYPE AND RECORD QUANTITY AND NAME TVD TVD MD MD TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC) 0 0 Office of Oil and Gas Please insert additional pages as applicable. Environmental Protection Drilling Contractor N/A Address City State Zip Logging Company N/A City Address Zip State Cementing Company N/A State City Zip Address Stimulating Company Key Energy Services State WV Address Hall Road Buckhannon Zip 26201 City Please insert additional pages as applicable. Completed by James Amos Telephone 304-483-0073 Title Sr WET Engineer Date 1/24/18 Signature Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry