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

API <u>47</u> - <u>051 - 00757-00-00</u> County Marshall	District Liberty			
Quad Cameron, WV Pad Name				
Farm name Dobbs, Gary R. & Jan C.	Well Number4399			
Operator (as registered with the OOG) Columbia Gas Transmission, LLC				
Address 1700 MacCorkle Ave. S.E., P.O. Box 1273 City Charleston	State WV Zip 25325			
Landing Point of Curve Northing N/A	and deviation survey Easting 534203.28 Easting N/A Basting Not measured (vertical wellbore)			
Elevation (ft) 1160.9' GL Type of Well New Existing	Type of Report □Interim ■Final			
Permit Type   Deviated   Horizontal   Horizontal 6A   Vertical	l Depth Type 🗆 Deep 📕 Shallo			
Type of Operation □ Convert □ Deepen □ Drill □ Plug Back □ Re	edrilling   Rework Stimulate			
Well Type □ Brine Disposal □ CBM ■ Gas □ Oil □ Secondary Recovery □				
Type of Completion ■ Single □ Multiple Fluids Produced □ Brine ■Ga	as DNGL DOIL Other			
Drilled with   Cable Rotary				
Drilling Media Surface hole □ Air □ Mud □Fresh Water Intermediat	te hole □ Air □ Mud □ Fresh Water □ Bri			
Production hole    Air    Mud    Fresh Water    Brine				
Mud Type(s) and Additive(s)	RECEIVED Gas			
1,700,00,000,000	OCT 0.4 2022			
	· of			
	Environment			
Date permit issued 4/22/2022 Date drilling commenced N/A	Date drilling ceased N/A			
Date completion activities began 9/16/2022 Date completion ac	ctivities ceased9/19/2022			
Verbal plugging (Y/N) N/A Date permission granted	Granted by			
Please note: Operator is required to submit a plugging application within 5 days of	f verbal permission to plug			
	) depthsN			
	d (Y/N) depthsN			
Coal depth(s) ft	red (Y/N) depthsN			
s coal being mined in area (Y/N)	Reviewed by:			
	2207207000			

API 47- 051	00757-00-00	Farm nan	<sub>ne_</sub> Dobbs, Ga	ary R. & J	an C.	Well	number_43	99	
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade I		Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*	
Conductor			•						
Surface		10-3/4"	229'		32.75				Υ
Coal		8-5/8"	1260'		24			Y	
Intermediate 1		7"	1940'		20			Υ	
Intermediate 2									
Intermediate 3									
Production		4-1/2"	2202'		11	1.6			Υ
Tubing									
Packer type and d	lepth set								
Comment Details	Casing was not altered	ed during workover open	ations.						
CEMENT	Class/Type	Number	Slurry		ield	Volume	Cem		WOC
DATA Conductor	of Cement	of Sacks	wt (ppg)	(ft	³/sks)	(ft 2)	Top (I	MD)	(hrs)
Surface		106 sx.							
Coal		200 sx.							
Intermediate 1		250 sx.	-						
Intermediate 2		230 34.					-	REC	Oil & Gas
Intermediate 3				-				Office 0	4 2022
Production		100 sx.		-				OCT	4 2022
Tubing		100 34.		-			+		
								Environn	epartment of ental Protection
Drillers TD (ft Deepest forma Plug back pro  Kick off depth	tion penetrated B	ig Injun		Loggers TI Plug back t					
Check all wire		-	□ density □ resistivity	□ deviate	d/direction		duction mperature	□soni	c
	Yes No					_	collected [		
	HE CENTRALIZ								
	COMPLETED AS								
WAS WELL C	COMPLETED OF	EN HOLE?	Yes No	DETA	ıls				
WERE TRACE	ERS USED □ Y	es 🖪 No 🗆	TYPE OF TRA	CER(S) U	SED				

API 47- 051 \_ 00757-00-00

Farm name Dobbs, Gary R. & Jan C.

\_Well number\_4399

## PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	3/21/1994	2055'	2081'	4 SPF	Big Injun

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)
	9/16/22		501 psi				77 bbl	500 gal. acid
	9/16/22							47000 SCF N2
							CENED	as
						0'	RECEIVED OF THE	11
							OCT 04 20	nent of ton
							W Debara	bio
							EUa.	

Please insert additional pages as applicable.

Signature 3 Title Storage Engineer

Completed by Brad Nelson

Date 9/29/2022

Telephone 724-250-0610

