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

API	47 ₋ 069	_ 00190	County OHIO		District LIBERT	Υ
Quad V	ALLEY GRO	OVE	Pad Name GLENN			PANHANDLE
Farm na	_{ime} GLENN I	DIDRIKSEN			Well Number	ELENN DIDRIKSEN OHI 210
Operato	r (as registered	d with the OOG)	SWN PRODUCTION	ON COMPANY	LLC	
Address	P.O. BOX	12359	City SPF		State TX	Zip 77391-2359
As Drill	Landing Poin	t of Curve N	Attach an as-driller Northing 4440478.640 Northing 4440491.677 Northing 4438841.157	d plat, profile viev	Easting 534507.250 Easting 536032.119	<i>'</i>
Elevatio	on (ft) 1382.	2 _{GL}	Type of Well	New □ Existin	g Type of Rep	ort □Interim ■Final
Permit 7	Гуре □ De	viated 🗆 Ho	orizontal 📱 Horizont	tal 6A 🛮 Uerti	cal Depth Type	□ Deep ■ Shallow
Type of	Operation	Convert D	eepen 🛔 Drill 🗆	Plug Back 🗆 1	Redrilling Rewor	k 🖺 Stimulate
Well Ty	pe 🗆 Brine D	oisposal □ CBM	■ Gas □ Oil □ Sec	ondary Recovery	□ Solution Mining □	Storage 🗆 Other
Drilled Drilling	with Cable Media Surfa	ace hole ■ Air ir ■ Mud □	tiple Fluids Produc □ Mud ■Fresh Wat Fresh Water □ Brine	er Intermed	Gas □ NGL ■ Oi	
SOBM	1					
		06/02/201		DOME	1004E	00/00/0045
		06/03/2015	_ Date drilling comm 10/26/2015		Date diffin	ing ceased 08/23/2015
	mpletion activ	N	Pate permission granted	BIZA	n activities ceased Granted by	11/20/2015 N/A
Please n	note: Operator	is required to sul	bmit a plugging applica	ation within 5 day	s of verbal permission	to plug
Freshwa	ater depth(s) f		232'	Open mine(s) (Y	//N) depths	N
Salt wat	ter depth(s) ft	•	75'	Void(s) encount	ered (Y/N) depths	- N = -
Coal de	pth(s) ft	66		Cavern(s) encou	ntered (Y/N) depths	
As Co		Tree AVAN	ED			SEP 1 & 2015 Reviewed by:
AME		· 11.			James James L. Backer J. C. C.	<u> Varita, de ji</u>
	· Jack	unn	TY 1		Bacom W. C. v.	10/28/2016

WR-35 Rev. 8/23/13

WERE TRACERS USED □ Yes ■ No

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket	Did cement o	
Conductor	24	20	126'	N	F-25/		Depth(s)	* Provide d	Y
urface	17.5	13.375	755'	l N	J-55/				Y
Coa! SI	BEE SURFACE				3 44, 15,		1		
ntermediate 1	12.25	9.625	2330'	N	J-55/ 36#		- 1		Y
ntermediate 2									
ntermediate 3									
roduction 8	.75 TO 8.50	5.5	13518'	N	HCP-1	10/20#			Υ
ubing		2.375	6965'	N	P-110/	4.70#	i i		N
acker type and dept	h set	N/A		1					
CEMENT Class/Type DATA of Cement Conductor A		Number of Sack		pg) (1	Yield ft ³ /sks)	Volume (<u>ft ³</u>) 28.56	Cemer Top (M	D)	WOC (hrs)
urface	A	2482	15.		1.19	2954	SURFACE		8
oai	SEE SURFACE		10.	-			1	1	
ntermediate 1	A	860	15.	6	1.19	1023	35 BBLS TO SI	URFACE	8
ntermediate 2									
termediate 3									
roduction	Α	2670	15.	6	1.23	3284	SURFA	CE	24
uoing									
Orillers TD (ft) 1 Deepest formatio Plug back proced Kick off depth (f	n penetrated dure NA	MARCELLUS		Loggers T Plug back	TD (ft) 13518 to (ft) NA		-		
Check all wirelin	e logs run	■ caliper ■ neutron	•		ted/direction a ray		duction emperature	□sonic	
Well cored □ Y	es 🗎 No	Convention	onal Side	ewall	Wer	e cuttings	collected	Yes □ N	lo
ESCRIBE THE	CENTRAL	IZER PLACEMI	ENT USED FO	OR EACH C	ASING STI	RING			
						- Table			
ALL CASING STRINGS F	RAN WITH A CENT	RALIZER AT A MINIMUM	OF 1 PER EVERY 3R	RD JOINT OF CASI	NG		-		
VAS WEIT CO	יים אם אמו	AS SHOT HOLE	. □Vaa =	No D	ETAILS _				

TYPE OF TRACER(S) USED _

WR-35 Rev. 8/23/13

API 47-069 00190

Farm name GLENN DIDRIKSEN

Well number GLENN DIDRIKSEN OHI 210

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHED			
		1			
		1			
					<u></u>
	ć.	1			
	, <u></u>				
1					
		Ī			
				-	16
		1		1	

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				į				
		SEE	ATTACHED					
1								
1								
1								
İ								1/
							İ	
1								
1								
Ì						İ	N.	
Ì .							- 1	
1								
1								1 Aires
						V		

Please insert additional pages as applicable.

SEP 1 6 2016



WR-35 Rev. 8/23/13

API 47- 069	Farm:	m name GLENN DIDRIKSEN							_Well number GLENN DIDRIKSEN OHI 210						
PRODUCING	_	DEPTHS													
MARCELLUS	-	6425'		_TVD _6		6957 ⁻		MD							
			8			=									
Please insert ac	dditional pag	ges as appl	licable.												
GAS TEST	□ Build up	□ Drav	vdown	□Оре	n Flow		OII	L TES	ST 🗆 I	Flow c	Pump)			
SHUT-IN PRE	ESSURE	Surface 2	034	_psi	Botto	m Hole_		_	psi	DURA?	rion (OF TES	T	hr	S
OPEN FLOW	Gas 2834	mcfpd _	Oil 278			bpd				GAS N				□ Pilot	
LITHOLOGY/ FORMATION	TOP DEPTH IN NAME TV	FT DEP	OTTOM TH IN FT TVD	DEPT	OP H IN FT	BOTTO DEPTH I	N FT							ITIT YAN I GAS, H2	
	0		1,12	!	0			111	LOITE	OLD (I KL	DILWAI	. E.K., DIK	. 12, 011,	, CAD, 112	5, ETC)
		SEE A	TACHED	Ī	1										
		-													
						1									
															_
						ľ									
				6											
Please insert ac	ditional nac	ee ac anni	icable	ĺ											
Drilling Contra				Y											
Address PO BO			_		_ City	SPRING				State	TX	Zip	77391-	2359	
Logging Comp	any JW WIF	RELINE CO	OMPANY												
Address 515 N				640	_ City	HOUSTO	NC		·	State	TX	Zip	77060		
Cementing Con Address 110 SC		City	SUGAR	LAND			State	TX	Zip	77478					
Stimulating Co			HLUMBE	RGER											
Address 1121 E			ianhla		City	HOUSTO	ON			State	TX	Zip	77039		
Please insert ac			Licable.												
Completed by Signature	ELIZABETI	GEE	1		Title S	R. REGUL	 ATOR	Tele Y ANA	phone	832-796) 2/11/20	16	Di-t	ラッ ()
		ant of	1 -					_						44 2	CO1 4
Submittal of H	varaunc/Fra	cturing Cl	nemical l	JISCIOS	ure Intoi	rmation	A:	πach⊣	conv o	f FRACI	OCUS	Kegtsi	trv		