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

API <u>47</u> 069 _ 00189 County OHIO	District LIBERTY
	DIDRIKSEN-OHI-PAD1 Field/Pool Name PANHANDLE
Farm name GLENN DIDRIKSEN	Weil Number GLENN DIDRIKSEN OHI 205
Operator (as registered with the OOG) SWN PRODUCTION	ON COMPANY LLC
	RING State TX Zip 77391-2359
As Drilled location NAD 83/UTM Attach an as-drille Top hole Northing 4440485.765 Landing Point of Curve Northing 440737.835 Bottom Hole Northing 4442452.033	Easting 534814.797
Elevation (ft) 1382.2 GL Type of Well	■New □ Existing Type of Report □Interim ■Final
Permit Type Deviated Horizontal Horizon	tal 6A 🗆 Vertical Depth Type 🗆 Deep 📱 Shallow
Type of Operation □ Convert □ Deepen ■ Drill □	Plug Back □ Redrilling □ Rework ■ Stimulate
Well Type □ Brine Disposal □ CBM ■ Gas □ Oil □ Sec	condary Recovery
Type of Completion ■ Single □ Multiple Fluids Produ	
Drilled with □ Cable ■ Rotary	
Production hole Air Mud Fresh Water Brine Mud Type(s) and Additive(s) SOBM	
Date permit issued 06/10/2015 Date drilling com	nenced 06/14/2015 Date drilling ceased 07/06/2015
	Date completion activities ceased 11/24/2015
Verbal plugging (Y/N) N Date permission granted	
Please note: Operator is required to submit a plugging applic	ation within 5 days of verbal permission to plug
Freshwater depth(s) ft232'	Open mine(s) (Y/N) depthsN
Salt water depth(s) ft	Void(s) encountered (Y/N) depthsN
Coal depth(s) ft 663'	Cavern(s) encountered (Y/N) depths N Cavern
APPROVED	SEP 1 6 2015 Reviewed by:
NAME: Jackie Showther DATE: 9/02/14	

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API 47- 069	00189	Farm r	name_GLENN	DIDRIKS	EN	Wel	I number_GLEN	N DIDRIK	(SEN OHI 205
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)		irculate (Y/N)
Conductor	24	20	126'	N	J-!	55/ 94#			Y
Surface	17.5	13.375	764'	N	J-5	55/54.5#			Υ
Coal	SEE SURFACE						95		-
Intermediate 1	12.25	9.625	2324'	N	J-4	55/ 40#			Υ
Intermediate 2	Y.		1					***	
Intermediate 3	00						58		
Production	8.75 TO 8.50	5.5	13052'	N	P-	110/20#	23		Y
Tubing		2.375	6839'	N	P-1	10/4.70#		· · · · ·	N
Packer type and d	lepth set	N/A		•	not.				
Comment Details									
CEMENT	Class/Type				Yield	Volume	Cement		WOC
DATA Conductor	of Cement	of Sac 120		***	ft ³ /sks)	(ft ³)	Top (MD		(hrs)
Surface	A	579			1.18	141.6	GROUT TO SUI		24
Coal	SEE SURFA		15.0	_	1.10	689.01	SURFAC	<u>-</u>	8
Intermediate 1	A	793	15.6	3	1.19	943.67	46 BBLS TO SUI	DEACE	
Intermediate 2		733	10.0	-	1.13	343.07	40 8823 10 801	NFACE	8
Intermediate 3			-						
Production	Α	A 641/1927		3 1.	24/1.19	795/2293	SURFAC	E	24
Tubing		0717102		, ,,	1.2171.10		9 30(17)	-	27
Drillers TD (fi Deepest forma Plug back pro Kick off depth	ntion penetrated cedure NA	MARCELLUS		Loggers Plug back					5
Check all wire	line logs run	■ neutron	density resistivity	■ gamn	ıa ray		emperature	□sonic	
	Yes No		onal Side			_	s collected Y	es □ No)
DESCRIBE I	HE CENTRAL	IZER PLACEM	ENT USED FO	IK EACH C	ASING S	STRING			
ALL CASING STRING	GS RAN WITH A CENT	RALIZER AT A MINIMUM	OF 1 PER EVERY 3R	D JOINT OF CAS	NG				
WAS WELL	COMPLETED	AS SHOT HOL	E 🗆 Yes 🖪	No D	ETAILS				
WAS WELL	COMPLETED	OPEN HOLE?	□ Yes ■ N	lo DET	TAILS _				
WERE TRAC	ERSTISED -	. Vec No	TVDE OF T	DACED(C)	TICED				

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API 47- 069 = 00189

Farm name_GLENN DIDRIKSEN

_Well number_GLENN DIDRIKSEN OHI 205

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHED			
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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
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Please insert additional pages as applicable.

10/28/2016

Rev. 8/23/13														
API 47- 069	00189)	Farm	name_	GLENN	DIDRIK	SEN	1		Well	number	GLENN D	IDRIKSEN OHI 2	05
PRODUCING FORMATION(S)			DEPT	<u>HS</u>										
MARCELLUS				6404'		TVD	67	86'		MD				
		_												
Please insert ac	dditional p	ages as	applicable.											
GAS TEST	□ Build u	ı p □.	Drawdown	□Ор	en Flow		OI	L TE	ST 🗆	Flow	□ Pump			
SHUT-IN PRE	ESSURE	Surfa	ce <u>1922</u>	psi	Botto	om Hole_			_psi	DURA	TION O	F TEST	hrs	
OPEN FLOW	Gas 3488	_ mcfp	Oil d 332	bpd	NGL	_ bpd			bpd			RED BY □ Orifice	□ Pilot	
LITHOLOGY/ FORMATION	TOP DEPTH I	N FT	BOTTOM DEPTH IN FT	DEPT	TOP TH IN FT		N FT						ANTITYAND	
	NAME 1	IVD	TVD	1	MD 0	MD		TYP	E OF FI	UID (FRE	SHWATI	ER, BRINE, C	L, GAS, H₂S, ETC)	_
			SEE ATTACHED										<u> </u>	
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Please insert ad	lditional na	nges as	annlicable											_
Drilling Contra	•	_	**	!∨										
Address PO BO		DIVILLI	ING COMPAN	·	City	SPRING				State	TX	Zip 7739	91-2359	
			E OCHDANN		_ City					_ State		_ Zip <u></u>		
Logging Comp Address 515 N					Cltri	HOUSTO	יאנ			C4-4-	ΤΥ		80	
	_			070	_ City	1100010				_ State		_ Zip _7706		
Cementing Cor						011045	_				-		_	
Address 110 SC					_ City	SUGAR	LAND			State	TX	Zip	<u>8</u>	
Stimulating Co			SCHLUMBE	RGER			_					3 11 12	* r	
Address 1121 B			1. 11/1		_ City	HOUSTO	N			State	TX	_Zip _7703	39 = = = = =	
Please insert ad	ditional pa	iges as	applicable.										, i.e.,	.*3
Completed by	ELIZABET	TH GEE		1						832-796	-7632	SEP	162415	
Signature	11	A CO	4		Title S	R. REGUL/	ATORY	Y ANA	LYST		Date 02	/11/20 16	45/2016	1
Submittal of Hy	ydraulic Fr	acturin	g Chemical l	Disclos	ure Info	rmation	Át	tach	сору о	f FRACI	ocus,	Registry	MUL EV	