

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

API 47 - 069 - 00189 County OHIO District LIBERTY
Quad VALLEY GROVE Pad Name GLENN DIDRIKSEN-OHI-PAD1 Field/Pool Name PANHANDLE
Farm name GLENN DIDRIKSEN Well Number GLENN DIDRIKSEN OHI 205
Operator (as registered with the OOG) SWN PRODUCTION COMPANY LLC
Address P.O. BOX 12359 City SPRING State TX Zip 77391-2359

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4440485.765 Easting 534511.826
Landing Point of Curve Northing 440737.835 Easting 534814.797
Bottom Hole Northing 4442452.033 Easting 534127.472

Elevation (ft) 1382.2 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
SOBM

Date permit issued 06/10/2015 Date drilling commenced 06/14/2015 Date drilling ceased 07/06/2015
Date completion activities began 10/17/2015 Date completion activities ceased 11/24/2015
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 232' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 775' Void(s) encountered (Y/N) depths 750' - 775'
Coal depth(s) ft 663' Cavern(s) encountered (Y/N) depths 663' - 775'

APPROVED

NAME: Jackie Johnston
DATE: 9/22/16

SEP 16 2016
Reviewed by:

10/28/2016

API 47-069 - 00189

Farm name GLENN DIDRIKSEN

Well number GLENN DIDRIKSEN OHI 205

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade w/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	24	20	126'	N	J-55/ 94#		Y
Surface	17.5	13.375	764'	N	J-55/54.5#		Y
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2324'	N	J-55/ 40#		Y
Intermediate 2							
Intermediate 3							
Production	8.75 TO 8.50	5.5	13052'	N	P-110/20#		Y
Tubing		2.375	6839'	N	P-110/4.70#		N
Packer type and depth set	N/A						

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	A	120	15.6	1.18	141.6	GROUT TO SURFACE	24
Surface	A	579	15.6	1.19	689.01	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	A	793	15.6	1.19	943.67	46 BBLS TO SURFACE	8
Intermediate 2							
Intermediate 3							
Production	A	641/1927	15.6	1.24/1.19	795/2293	SURFACE	24
Tubing							

Drillers TD (ft) 13052'

Loggers TD (ft) 13052'

Deepest formation penetrated MARCELLUS

Plug back to (ft) NA

Plug back procedure NA

Kick off depth (ft) 5320'

Check all wireline logs run

- caliper
 density
 deviated/directional
 induction
 neutron
 resistivity
 gamma ray
 temperature
 sonic

Well cored Yes No

Conventional Sidewall

Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

ALL CASING STRINGS RAN WITH A CENTRALIZER AT A MINIMUM OF 1 PER EVERY 3RD JOINT OF CASING

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

