

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

API 47 - 069 - 00185 County 69-Ohio District 3-Liberty  
Quad 648-Valley Grove Pad Name Alice Edge-OHI-Pad1 Field/Pool Name Panhandle Field  
Farm name Edge, Alice Mae Well Number 206H  
Operator (as registered with the OOG) SWN Production CO., 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 4438937.148 Easting 537467.150  
Landing Point of Curve Northing 4438575.700 Easting 537084.375  
Bottom Hole Northing 4436543.832 Easting 537927.310

Elevation (ft) 1199' 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 11/20/2014 Date drilling commenced 04/08/2015 Date drilling ceased 04/30/2015  
Date completion activities began 08/28/2015 Date completion activities ceased 10/11/2015  
Verbal plugging (Y/N) N Date permission granted \_\_\_\_\_ Granted by \_\_\_\_\_

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

Freshwater depth(s) ft 200' Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 732' Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 582' Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by: \_\_\_\_\_  
10/28/2016

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Farm name Edge, Alice Mae

Well number 206H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	26	20	126'	N	J-55/94#		Y
Surface	17.5	13.375	630'	N	J-55/54.50#		29 BBLS TO SFC
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2125'		J-55/40#		47 BBLS TO SFC
Intermediate 2							
Intermediate 3							
Production	8.75/8.5	5.5	14580'	N	P-110/20#		Y
Tubing		2.375	7209'	N	P-110/4.7#		
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	A			1.19		GTS	GTS
Surface	A	574	15.6	1.20	689	30	8
Coal	SEE SURFACE						
Intermediate 1	A	801	15.6	1.18			
Intermediate 2							
Intermediate 3							
Production	A	997/1796	15.6	1.20/1.19	1196/2137	603	24
Tubing							

Drillers TD (ft) 14,580'

Loggers TD (ft) 13,903'

Deepest formation penetrated MARCELLUS

Plug back to (ft) \_\_\_\_\_

Plug back procedure NA

Kick off depth (ft) 5800'

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 will be run with a centralizer at a minimum of 1 per every 3 joints 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 \_\_\_\_\_



