

WR-35  
Rev. 8/23/13

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

API 47 - 069 - 00295 County OHIO District LIBERTY  
 Quad BETHANY Pad Name ROY RIGGLE-OHI-PAD1 Field/Pool Name PANHANDLE FIELD WET  
 Farm name ROY & DEBRA R. RIGGLE Well Number ROY RIGGLE OHI 5H  
 Operator (as registered with the OOG) SWN PRODUCTION COMPANY, LLC  
 Address PO 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 4,444,692.067 Easting 540,553.438  
 Landing Point of Curve Northing 4,445,073.842 Easting 540,635.756  
 Bottom Hole Northing 4,449,650.865 Easting 538,756.791

Elevation (ft) 1,251.8 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

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Date permit issued 2/5/2019 Date drilling commenced 3/17/2019 Date drilling ceased 4/14/2019  
 Date completion activities began 5/29/2019 Date completion activities ceased 12/13/2019  
 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 508' Open mine(s) (Y/N) depths N  
 Salt water depth(s) ft 761' Void(s) encountered (Y/N) depths N  
 Coal depth(s) ft 628' Cavern(s) encountered (Y/N) depths N  
 Is coal being mined in area (Y/N) N

Reviewed by:

03/15/2024

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| CASING STRINGS            | Hole Size            | Casing Size | Depth   | New or Used | Grade wt/ft | Basket Depth(s) | Did cement circulate (Y/N)<br>* Provide details below* |
|---------------------------|----------------------|-------------|---------|-------------|-------------|-----------------|--|
| Conductor                 | 24                   | 20          | 126'    | NEW         | J-55/94#    |                 | Y  |
| Surface                   | 17.5                 | 13.375      | 686'    | NEW         | J-55/48#    |                 | Y; 28 BBLs   |
| Coal                      | SEE INTERMEDIATE CSG |             |         |             |             |                 |  |
| Intermediate 1            | 12.25                | 9.625       | 2,080'  | NEW         | J-55/36#    |                 | Y; 30 BBLs   |
| Intermediate 2            |                      |             |         |             |             |                 |  |
| Intermediate 3            |                      |             |         |             |             |                 |  |
| Production                | 8.750                | 5.5         | 23,257' | NEW         | P-110       |                 | Y; 8 BBLs  |
| Tubing                    |                      |             |         |             |             |                 |  |
| 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      | CLASS A              | GROUT TO SURFACE |                 |                              |                           | SURFACE         | 24        |
| Surface        | CLASS A              | 635              | 15.6            | 1.20                         | 762                       | SURFACE         | 8         |
| Coal           | SEE INTERMEDIATE CSG |                  |                 |                              |                           |                 |           |
| Intermediate 1 | CLASS A              | 720              | 15.6            | 1.19                         | 856.8                     | SURFACE         | 8         |
| Intermediate 2 |                      |                  |                 |                              |                           |                 |           |
| Intermediate 3 |                      |                  |                 |                              |                           |                 |           |
| Production     | CLASS A              | 4300             | 15.6            | 1.21                         | 5,203                     | SURFACE         | N/A       |
| Tubing         |                      |                  |                 |                              |                           |                 |           |

Drillers TD (ft) 23,257' Loggers TD (ft) 23,257'  
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A  
 Plug back procedure N/A

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Kick off depth (ft) 5,999' MD

Check all wireline logs run  caliper  density  deviated/directional  induction  
 neutron  resistivity  gamma ray  temperature  sonic

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Well cored  Yes  No Conventional Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING \_\_\_\_\_

SURFACE: 7 CENTRALIZERS - EVERY THIRD JOINT OF CASING  
 INTERMEDIATE: 19 CENTRALIZERS - EVERY THIRD JOINT OF CASING  
 PRODUCTION: 473 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

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 \_\_\_\_\_

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PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|--------------|
|           | SEE              | ATTACHMENT 1           |                      | 1                      |              |
|           |                  |                        |                      |                        |              |
|           |                  |                        |                      |                        |              |
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Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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| 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) |
|-----------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
|           |                   | SEE                 | ATTACHMENT 1                 | 2                            |            |                          |                        |                                  |
|           |                   |                     |                              |                              |            |                          |                        |                                  |
|           |                   |                     |                              |                              |            |                          |                        |                                  |
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Please insert additional pages as applicable.

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| PRODUCING FORMATION(S) | DEPTHS |     |           |
|------------------------|--------|-----|-----------|
| MARCELLUS              | 6,416' | TVD | 6,647' MD |
|                        |        |     |           |
|                        |        |     |           |

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump  
 SHUT-IN PRESSURE Surface \_\_\_\_\_ psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST \_\_\_\_\_ hrs  
 OPEN FLOW Gas \_\_\_\_\_ mcfpd Oil \_\_\_\_\_ bpd NGL \_\_\_\_\_ bpd Water \_\_\_\_\_ bpd GAS MEASURED BY  
 Estimated  Orifice  Pilot

| LITHOLOGY/<br>FORMATION | TOP<br>DEPTH IN FT<br>NAME TVD | BOTTOM<br>DEPTH IN FT<br>TVD | TOP<br>DEPTH IN FT<br>MD | BOTTOM<br>DEPTH IN FT<br>MD | DESCRIBE ROCK TYPE AND RECORD QUANTITY AND<br>TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC) |
|-------------------------|--------------------------------|------------------------------|--------------------------|-----------------------------|--|
|                         | 0                              |                              | 0                        |                             |  |
|                         | SEE                            | ATTACHMENT                   | 3                        |                             |  |
|                         |                                |                              |                          |                             |  |
|                         |                                |                              |                          |                             |  |
|                         |                                |                              |                          |                             |  |
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Please insert additional pages as applicable.

Drilling Contractor SWN DRILLING COMPANY  
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

Logging Company BAKER HUGHES  
Address 17021 ALDINE WESTFIELD City HOUSTON State TX Zip 77076

Cementing Company SCHLUMBERGER WELL SERVICES  
Address 1080 US HWY 33 EAST City WESTON State WV Zip 26452

Stimulating Company US WELL SERVICES  
Address 770 S POST OAK LN, #405 City HOUSTON State TX Zip 77056

Please insert additional pages as applicable.

Completed by Denise Grantham Telephone 832-796-6139  
Signature Denise Grantham Title REGULATORY SPECIALIST Date 12.7.2023

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry