

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

API 47-051-02471 County MARSHALL District SAND HILL
Quad WHEELING, WV-OHIO Pad Name BW EDGE-MSH-PAD1 Field/Pool Name PANHANDLE FIELD WET
Farm name SWN PRODUCTION COMPANY, LLC Well Number BW EDGE MSH 1H
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 4,428,550.671 Easting 531,792.522
Landing Point of Curve Northing 4,428,415.815 Easting 531,438.219
Bottom Hole Northing 4,430,809.308 Easting 530,364.247

Elevation (ft) 1253.6' 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 11/13/2020 Date drilling commenced 3/27/2023 Date drilling ceased 4/7/2023
Date completion activities began 5/6/2023 Date completion activities ceased 6/1/2023
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

WV Department of
Environmental Protection

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

Freshwater depth(s) ft 615' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 930' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 744' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

10-18-2023

03/15/2024

API 47-051 - 02471 Farm name SWN PRODUCTION COMPANY, LLC Well number BW EDGE MSH 1H

| 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 | 24 | 20 | 136' | NEW | J-55/94# | | Y |
| Surface | 17.5 | 13.375 | 807' ✓ | NEW | J-55/54.5# | | Y; 52 BBLS |
| Coal | SEE SURFACE | | | | | | |
| Intermediate 1 | 12.25 | 9.625 | 2,069' | NEW | J-55/36# | | Y; 22 BBLS |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8.75 | 5.5 | 15,567' ✓ | NEW | P-110 HP/20# | | N |
| Tubing | | 2.875 | 6,927' | NEW | P-110/6.5# | | N |
| Packer type and depth set | | | | | | | |

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 | CLASS A | GROUT TO SURFACE | | | | SURFACE | 24 |
| Surface | CLASS A | 727 | 15.60 | 1.19 | 865.13 | SURFACE | 8 |
| Coal | SEE SURFACE | | | | | | |
| Intermediate 1 | CLASS A | 723 | 15.60 | 1.19 | 860.37 | SURFACE | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | CLASS A | 2,720 | 14.50 | 1.29 | 3,508.80 | 3,760' | 24 |
| Tubing | | | | | | | |

Drillers TD (ft) 15,581' Loggers TD (ft) 15,581'
 Deepest formation penetrated MARCELLUS Plug back to (ft) 15,473'
 Plug back procedure N/A

Kick off depth (ft) 5,814' MD

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

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: 12 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 INTERMEDIATE: 27 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 288 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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**BW EDGE MSH 1H
ATTACHMENT 1
PERF REPORT**

| STAGE NUM | Perf Date | Perf Bottom MD | Perf Top MD2 | # SHOTS PER STG |
|-----------|-----------|----------------|--------------|-----------------|
| 1 | 4/23/2023 | 15,473 | 15,379 | 36 |
| 2 | 5/6/2023 | 15,345 | 15,166 | 36 |
| 3 | 5/6/2023 | 15,132 | 14,953 | 36 |
| 4 | 5/7/2023 | 14,919 | 14,740 | 36 |
| 5 | 5/7/2023 | 14,707 | 14,527 | 36 |
| 6 | 5/8/2023 | 14,494 | 14,315 | 36 |
| 7 | 5/7/2023 | 14,281 | 14,102 | 36 |
| 8 | 5/9/2023 | 14,068 | 13,889 | 36 |
| 9 | 5/9/2023 | 13,856 | 13,676 | 36 |
| 10 | 5/10/2023 | 13,643 | 13,463 | 36 |
| 11 | 5/10/2023 | 13,430 | 13,251 | 36 |
| 12 | 5/11/2023 | 13,217 | 13,038 | 36 |
| 13 | 5/12/2023 | 13,004 | 12,825 | 36 |
| 14 | 5/12/2023 | 12,792 | 12,612 | 36 |
| 15 | 5/12/2023 | 12,579 | 12,400 | 36 |
| 16 | 5/13/2023 | 12,366 | 12,187 | 36 |
| 17 | 5/13/2023 | 12,153 | 11,974 | 36 |
| 18 | 5/13/2023 | 11,941 | 11,761 | 36 |
| 19 | 5/14/2023 | 11,728 | 11,549 | 36 |
| 20 | 5/14/2023 | 11,515 | 11,336 | 36 |
| 21 | 5/15/2023 | 11,302 | 11,123 | 36 |
| 22 | 5/15/2023 | 11,090 | 10,910 | 36 |
| 23 | 5/16/2023 | 10,877 | 10,697 | 36 |
| 24 | 5/16/2023 | 10,664 | 10,485 | 36 |
| 25 | 5/17/2023 | 10,451 | 10,272 | 36 |
| 26 | 5/17/2023 | 10,238 | 10,059 | 36 |
| 27 | 5/17/2023 | 10,026 | 9,846 | 36 |
| 28 | 5/18/2023 | 9,813 | 9,634 | 36 |
| 29 | 5/18/2023 | 9,600 | 9,421 | 36 |
| 30 | 5/18/2023 | 9,387 | 9,208 | 36 |
| 31 | 5/19/2023 | 9,175 | 8,995 | 36 |
| 32 | 5/19/2023 | 8,962 | 8,782 | 36 |
| 33 | 5/20/2023 | 8,749 | 8,570 | 36 |
| 34 | 5/20/2023 | 8,536 | 8,357 | 36 |
| 35 | 5/20/2023 | 8,323 | 8,144 | 36 |
| 36 | 5/21/2023 | 8,111 | 7,931 | 36 |
| 37 | 5/21/2023 | 7,898 | 7,719 | 36 |
| 38 | 5/21/2023 | 7,685 | 7,506 | 36 |
| 39 | 5/22/2023 | 7,472 | 7,293 | 36 |
| 40 | 5/22/2023 | 7,260 | 7,080 | 36 |
| 41 | 5/22/2023 | 7,047 | 6,867 | 36 |

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**BW EDGE MSH 1H
ATTACHMENT 2
STIM REPORT**

| STAGE NUM | Stim Date | Ave Pump Rate (BPM) | Ave Treatment | Max Breakdown | ISIP (PSI) | Amount of Proppant (lbs) | Amount of water bbls | Amount of nitrogen/othe |
|-----------|-----------|---------------------|---------------|---------------|------------|--------------------------|----------------------|-------------------------|
| 1 | 5/6/2023 | 95.9 | 7,808 | 7,141 | 3,962 | 192,000 | 5,564 | 0 |
| 2 | 5/6/2023 | 97.2 | 8,124 | 5,211 | 3,985 | 360,500 | 7,763 | 0 |
| 3 | 5/7/2023 | 84.2 | 53,748 | 4,826 | 4,032 | 360,500 | 9,425 | 0 |
| 4 | 5/7/2023 | 96.4 | 7,602 | 4,860 | 4,585 | 360,500 | 8,186 | 0 |
| 5 | 5/8/2023 | 97.6 | 8,190 | 4,647 | 4,826 | 360,500 | 13,762 | 0 |
| 6 | 5/8/2023 | 96.4 | 8,044 | 5,643 | 4,120 | 360,500 | 8,133 | 0 |
| 7 | 5/9/2023 | 94.2 | 7,856 | 5,280 | 4,561 | 360,500 | 8,516 | 0 |
| 8 | 5/9/2023 | 98.8 | 8,051 | 5,592 | 4,358 | 360,500 | 8,241 | 0 |
| 9 | 5/10/2023 | 90.4 | 7,511 | 5,842 | 4,265 | 360,500 | 7,774 | 0 |
| 10 | 5/10/2023 | 98 | 7,785 | 6,012 | 4,412 | 360,500 | 7,872 | 0 |
| 11 | 5/10/2023 | 88.7 | 8,675 | 5,700 | 4,600 | 367,000 | 8,180 | 0 |
| 12 | 5/11/2023 | 95.3 | 7,852 | 5,392 | 5,135 | 360,500 | 7,794 | 0 |
| 13 | 5/12/2023 | 95.3 | 7,664 | 5,420 | 4,125 | 334,440 | 7,490 | 0 |
| 14 | 5/12/2023 | 88.6 | 7,266 | 4,943 | 4,480 | 360,500 | 7,798 | 0 |
| 15 | 5/13/2023 | 88.4 | 7,239 | 4,847 | 4,909 | 360,500 | 7,740 | 0 |
| 16 | 5/13/2023 | 98.4 | 7,456 | 4,793 | 4,369 | 360,500 | 7,770 | 0 |
| 17 | 5/13/2023 | 95.4 | 7,644 | 5,098 | 4,367 | 360,500 | 7,822 | 0 |
| 18 | 5/14/2023 | 95.1 | 8,115 | 5,195 | 4,623 | 360,500 | 7,506 | 0 |
| 19 | 5/14/2023 | 94 | 7,361 | 5,172 | 4,325 | 360,500 | 7,535 | 0 |
| 20 | 5/14/2023 | 87.3 | 7,297 | 5,347 | 4,135 | 360,500 | 7,941 | 0 |
| 21 | 5/15/2023 | 96.2 | 7,464 | 5,344 | 4,412 | 360,500 | 7,494 | 0 |
| 22 | 5/16/2023 | 95.5 | 7,906 | 5,641 | 4,562 | 360,500 | 7,813 | 0 |
| 23 | 5/16/2023 | 96 | 7,529 | 5,267 | 5,127 | 360,500 | 7,626 | 0 |
| 24 | 5/17/2023 | 95.9 | 7,391 | 5,392 | 4,516 | 360,500 | 7,853 | 0 |
| 25 | 5/17/2023 | 97.8 | 7,412 | 5,793 | 4,123 | 360,500 | 7,637 | 0 |
| 26 | 5/17/2023 | 96.6 | 7,364 | 5,569 | 4,326 | 360,500 | 7,641 | 0 |
| 27 | 5/18/2023 | 93.2 | 7,037 | 5,399 | 4,125 | 360,500 | 7,523 | 0 |
| 28 | 5/18/2023 | 92.8 | 6,964 | 5,097 | 4,265 | 360,500 | 7,406 | 0 |
| 29 | 5/18/2023 | 85.9 | 7,205 | 5,746 | 4,126 | 325,560 | 7,011 | 0 |
| 30 | 5/19/2023 | 96.4 | 7,523 | 5,415 | 4,163 | 360,500 | 7,638 | 0 |
| 31 | 5/19/2023 | 94.7 | 7,378 | 6,162 | 4,431 | 360,500 | 7,634 | 0 |
| 32 | 5/20/2023 | 88.5 | 6,990 | 5,662 | 4,112 | 360,500 | 7,568 | 0 |
| 33 | 5/20/2023 | 87.6 | 7,144 | 5,663 | 4,123 | 360,500 | 7,535 | 0 |
| 34 | 5/20/2023 | 96.1 | 7,278 | 5,515 | 4,020 | 360,500 | 8,070 | 0 |
| 35 | 5/21/2023 | 98 | 7,163 | 5,598 | 4,215 | 360,500 | 7,515 | 0 |
| 36 | 5/21/2023 | 97.5 | 7,152 | 5,968 | 4,602 | 360,500 | 8,685 | 0 |
| 37 | 5/21/2023 | 97.6 | 6,897 | 5,594 | 5,128 | 360,500 | 7,568 | 0 |
| 38 | 5/22/2023 | 93.9 | 6,629 | 5,689 | 4,386 | 360,500 | 7,517 | 0 |
| 39 | 5/22/2023 | 98.4 | 6,805 | 5,623 | 4,412 | 360,500 | 7,636 | 0 |
| 40 | 5/22/2023 | 98 | 6,795 | 5,584 | 4,952 | 360,500 | 7,647 | 0 |
| 41 | 5/23/2023 | 98 | 6,938 | 5,630 | 4,469 | 360,500 | 7,443 | 0 |

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Well Name: **BW Edge MSH 1H** 47051024710000

| LITHOLOGY/FORMATION | TOP DEPTH, MD (FT) | TOP DEPTH, TVD (FT) | BOTTOM DEPTH, MD (FT) | BOTTOM DEPTH, TVD (FT) | QUANTITY AND TYPE OF FLUID |
|---------------------|--------------------|---------------------|-----------------------|------------------------|----------------------------|
| Base of Fresh Water | 0.00 | 0.00 | 615.00 | 615.00 | |
| Top of Salt Water | 930.00 | 930.00 | NA | NA | |
| Pittsburgh Coal | 744.00 | 744.00 | 752.00 | 752.00 | |
| Pottsville (ss) | 843.00 | 843.00 | 1125.00 | 1125.00 | |
| Raven Cliff (ss) | 1125.00 | 1125.00 | 1873.00 | 1860.00 | |
| Big Injun (ss) | 1873.00 | 1860.00 | 2006.00 | 1987.00 | |
| Rhinestreet (shale) | 6082.00 | 5890.00 | 6245.00 | 6038.00 | |
| Cashaqua (shale) | 6245.00 | 6038.00 | 6320.00 | 6100.00 | |
| Middlesex (shale) | 6320.00 | 6100.00 | 6432.00 | 6184.00 | |
| Burket (shale) | 6432.00 | 6184.00 | 6461.00 | 6204.00 | |
| Tully (ls) | 6461.00 | 6204.00 | 6512.00 | 6235.00 | |
| Mahantango (shale) | 6512.00 | 6235.00 | 6718.00 | 6330.00 | |
| Marcellus (shale) | 6718.00 | 6330.00 | NA | NA | GAS |

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Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|---------------------|
| Job Start Date: | 5/6/2023 |
| Job End Date: | 5/23/2023 |
| State: | West Virginia |
| County: | Marshall |
| API Number: | 47-051-02471-00-00 |
| Operator Name: | Southwestern Energy |
| Well Name and Number: | BW EDGE MSH 1 |
| Latitude: | 40.00655026 |
| Longitude: | -80.62751133 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 6,319 |
| Total Base Water Volume (gal): | 13,543,424 |
| Total Base Non Water Volume: | 0 |



Hydraulic Fracturing Fluid Composition:

| Trade Name | Supplier | Purpose | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments |
|-------------|--------------|--------------|-------------|--|--|--|-----------------|
| Base Water | Operator | Base Fluid | | | | | |
| | | | Water | 7732-18-5 | 100.00000 | 88.29330 | Density = 8.345 |
| Ingredients | Listed Above | Listed Above | | | | | |
| | | | Water | 7732-18-5 | 85.00000 | 0.25550 | |

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| | | | | | | | |
|---|-------------------|---------------------|--|----------------------------|--------------|-----------|----------|
| | | | | Water | 7732-18-5 | 45.00000 | 0.25550 |
| | | | | Water | 7732-18-5 | 100.00000 | 0.25550 |
| Ferriplex 80 | SWN Well Services | Iron Control | | | Listed Below | | |
| Plexslick 930 | SWN Well Services | Friction Reducer | | | Listed Below | | |
| HCL | SWN Well Services | Solvent | | | Listed Below | | |
| Plexaid 655NM | SWN Well Services | Scale Inhibitor | | | Listed Below | | |
| Tolicide 4Frac | SWN Well Services | Biocide | | | Listed Below | | |
| Sand | SWN Well Services | Proppant | | | Listed Below | | |
| FSTI-CI-02 | SWN Well Services | Corrosion Inhibitor | | | Listed Below | | |
| Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients. | | | | | | | |
| | | | | Crystalline Silica, quartz | 14808-60-7 | 100.00000 | 11.37260 |
| | | | | Hydrochloric Acid | 7647-01-0 | 15.00000 | 0.03558 |

03/15/2024

AUG 2023
 WV Department of Environmental Protection
 Office of Hazardous Waste

Latitude: 40°02'30"

SURFACE HOLE 702'

Latitude: 40°02'30" BOTTOM HOLE

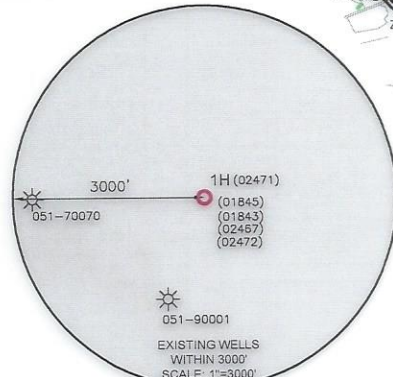
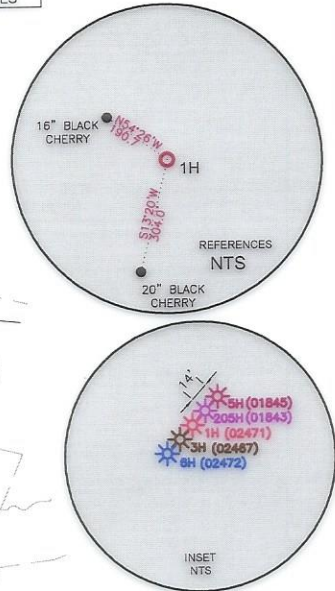
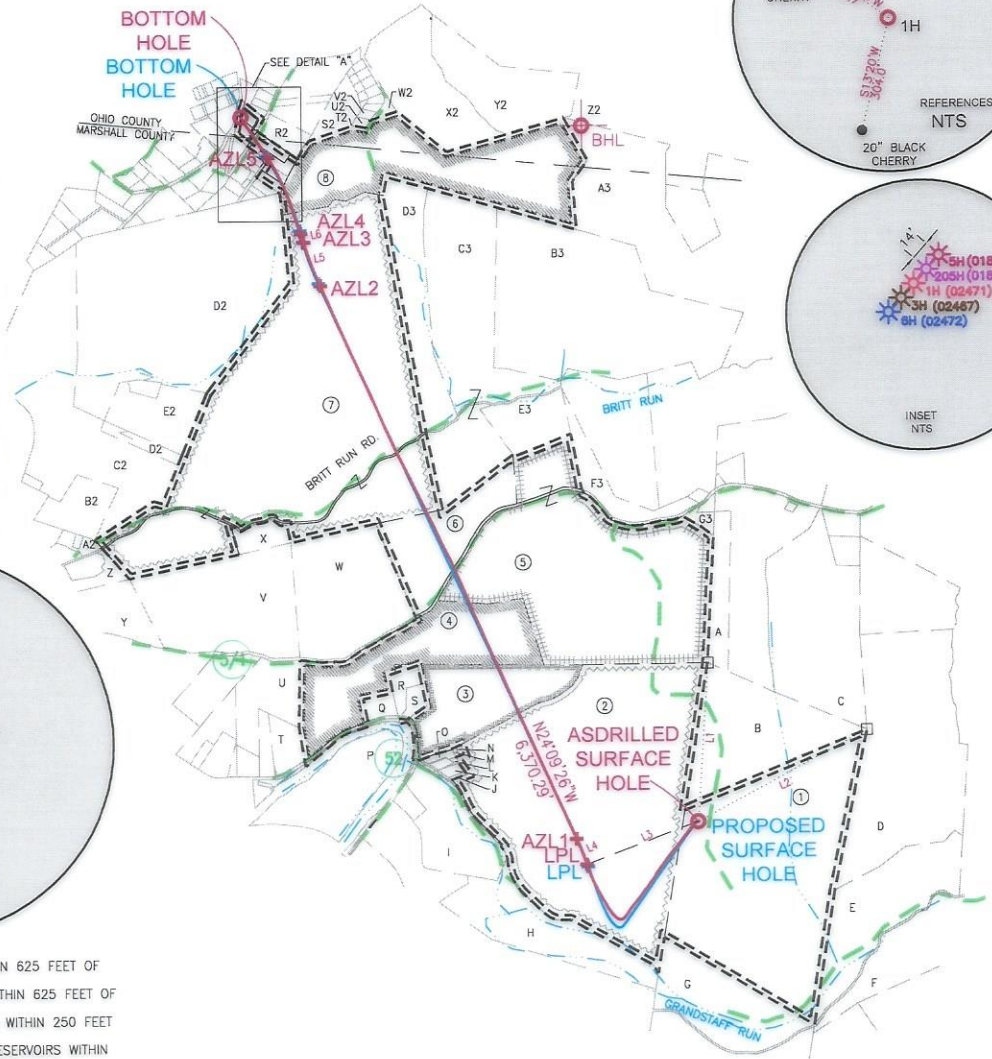
5359'

JACKSON SURVEYING INC. 2413 EAST PIKE ST. # 112 Clarksburg, WV 26301 304-623-5851

Table with 5 columns: LOCATION, UTM (NAD83, ZONE 17, METERS), NORTHING, EASTING. Rows include SURFACE HOLE LOCATION (SHL), LANDING POINT LOCATION (LPL), AZIMUTH POINT LOCATION-1 (AZL1) through AZL5, and BOTTOM HOLE LOCATION (BHL).



Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Rows L1-L8 and L3-L7 provide survey data for bearings, distances, and curve lengths.



WELL RESTRICTIONS

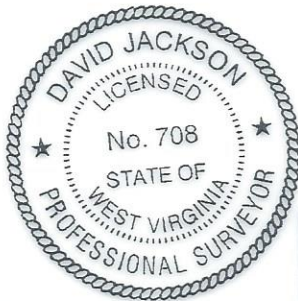
- 1. NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

- 1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708

David L Jackson



COMPANY: SWN Production Company, LLC

Well information form including: (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS, WVDEP OFFICE OF OIL & GAS, CHARLESTON, WV 25034. WELL TYPE: OIL, WASTE DISPOSAL, PRODUCTION, DEEP, GAS, LIQUID INJECTION, STORAGE, SHALLOW. WATERSHED: GRANDSTAFF RUN OF WHEELING CREEK (HUC-10). DISTRICT: SAND HILL, COUNTY: MARSHALL. SURFACE OWNER: WILLIAM F. EDGE, JR. & BARBARA EDGE-TOD & DAVID WAYNE EDGE. OIL & GAS ROYALTY OWNER: JOSEPHINE FLETCHER. DRILL, DRILL DEEPER, REDRILL, FRACTURE OR STIMULATE, PLUG OFF OLD FORMATION, PERFORATE NEW FORMATION. CONVERT, PLUG & ABANDON, CLEAN OUT & REPLUG, OTHER CHANGE (SPECIFY) ASDRILLED. TARGET FORMATION: MARCELLUS. ESTIMATED DEPTH: 03/15/2024 2831' TMD.

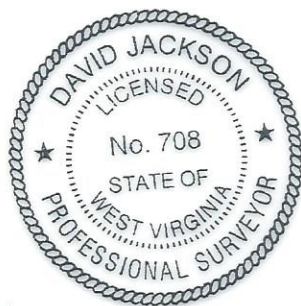
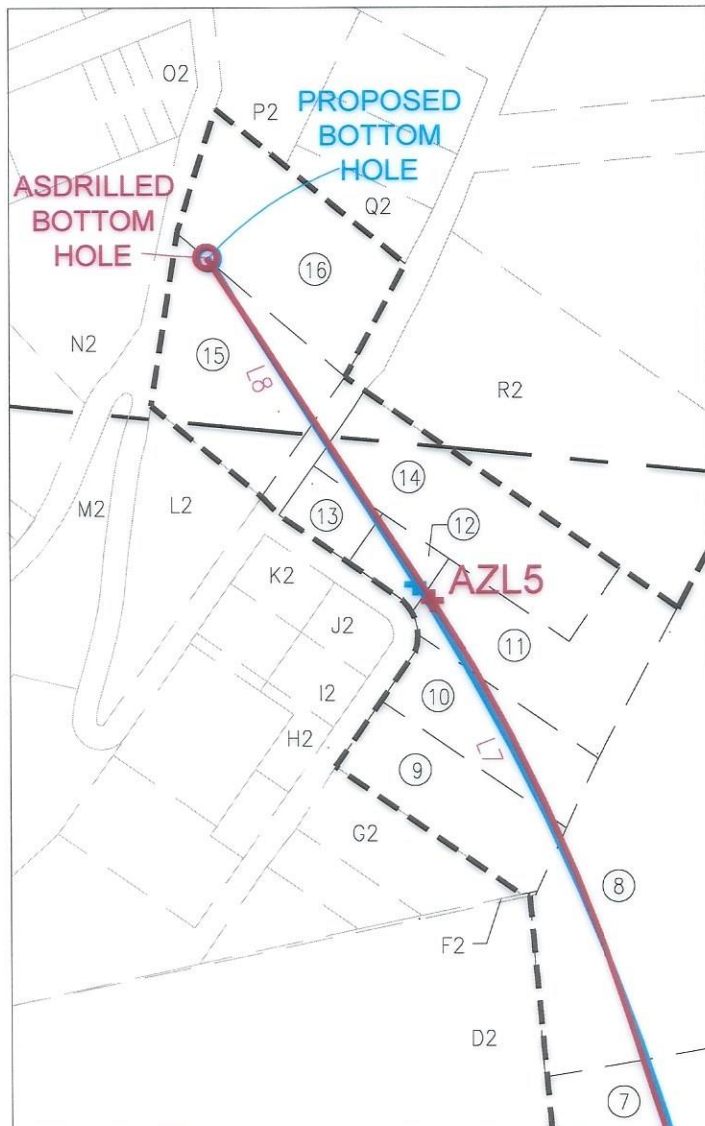
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC. ADDRESS: 1300 FORT PIERPONT RD., SUITE 200. CITY: MORGANTOWN. STATE: WV. ZIP CODE: 26508. DESIGNATED AGENT: BRITTANY WOODY. ADDRESS: 1300 FORT PIERPONT RD., SUITE 200. CITY: MORGANTOWN. STATE: WV. ZIP CODE: 26508.

LEGEND and REVISIONS table. Legend includes Proposed Surface Hole / Bottom Hole, Existing / Producing Wellhead, Landing Point Location, Existing Water Well, Existing Spring, Surveyed Boundary, Drilling Unit, Lease Boundary, Proposed Path, Azimuth Point Location. Revisions table includes Date: 06-26-2023, Drawn By: N. MANO, Scale: 1" = 2000', Drawing No., Well Location Plat.

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26301
 304-623-5851

DETAIL "A"

| |
|--|
| SURFACE HOLE LOCATION (SHL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,550.458 EASTING: 531,792.744 |
| LANDING POINT LOCATION (LPL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,409.716 EASTING: 531,441.787 |
| AZIMUTH POINT LOCATION-1 (AZL1): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,498.986 EASTING: 531,407.262 |
| BOTTOM HOLE LOCATION (BHL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,430,808.774 EASTING: 530,364.991 |



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708

David L Jackson

03/15/2024



| | | | | | |
|------------|------------|----------|--------|--------------|----------------------|
| REVISIONS: | COMPANY: | | | | |
| | OPERATOR'S | | | API #: | DATE: 06-26-2023 |
| | WELL #: | | | 47-051-02471 | DRAWN BY: N. MANO |
| | DISTRICT: | COUNTY: | STATE: | SCALE: | N/A |
| | SAND HILL | MARSHALL | WV | DRAWING NO: | |
| | | | | | WELL LOCATION PLAT 2 |

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26301
 304-623-5851

| WELL BORE TRACTS | | |
|------------------|---|------------|
| TRACT | SURFACE OWNER (S) / ROYALTY OWNER (R) | TAX PARCEL |
| 1 | EDGE WILLIAM JR & BARBARA ANN - TOD & DAVID WAYNE EDGE (S)/ FLETCHER JOSEPHINE (R) | 12-9-8 |
| TRACT | SURFACE OWNER (S) | TAX PARCEL |
| 2 | FOLMAR EDITH A TRUST (S) | 12-1-19 |
| 3 | ADASE GEORGE & LAURIE (S) | 12-1-28 |
| 4 | ADASE GEORGE & LAURIE (S) | 12-1-29 |
| 5 | SCHELLHASE MARK A ET UX (S) | 12-1-18 |
| 6 | LEASURE ANNA (S) | 12-1-30 |
| 7 | COFFIELD MICHAEL L & TYLENE R (S) | 12-1-10 |
| 8 | HARTMAN WALTER L ET UX (S) | 12-1-10.1 |
| 9 | SNYDER LONNIE A (S) | 12-1A-83 |
| 10 | SNYDER LONNIE A (S) | 12-1A-83.2 |
| 11 | STALEY DAVID A ET UX (S) | 12-1A-77 |
| 12 | DAUGHERTY JERRY RAY ET UX (S) | 12-1A-78 |
| 13 | MORRISON WILLIAM J ET UX (S) | 12-1A-79 |
| 14 | MORRISON WILLIAM J ET UX (S) | 12-1A-16 |
| 15 | PAETZOLD DOUGLAS GREIG AND KATHRYN ELIZABETH (S) | 6-T17B-319 |
| 16 | JDS INVESTMENTS LLC (S) | 6-T17F-1 |

| ADJOINING OWNERS TABLE | | |
|------------------------|---|--------------|
| TRACT | SURFACE OWNER | TAX PARCEL |
| A | SCHELLHASE MARK A & ANDREA K | 12-1-15.4 |
| B | WHEELING POWER COMPANY | 12-9-8.1 |
| C | GIZA ALEXANDER C & CHRISTOPHER C | 12-1-16 |
| D | GIZA ALEXANDER C & CHRISTOPHER C | 12-2-14 |
| E | ISALY ROBERT A SR EST | 12-2-13 |
| F | G F P CORP | 12-2-12 |
| G | ISALY ROBERT A SR EST | 12-9-9 |
| H | WHEELING CREEK WATERSHED COMM | 12-9-6.1 |
| I | HADSELL SANDRA L | 12-1-20 |
| J | DUFF JAMES E & BROOKE L CAPP | 12-1-22.1 |
| K | DUFF JAMES E & BROOKE L CAPP | 12-1-22 |
| L | FRAZIER GREGORY SCOTT - TOD | 12-1-23 |
| M | FRAZIER GREGORY SCOTT - TOD | 12-1-27.1 |
| N | PALMER ADAM R | 12-1-27.2 |
| O | PALMER ADAM R | 12-1-26 |
| P | MAAS BRIAN J & AMY C - TRUST | 13-3-10 |
| Q | SAVAGE CHARLES JACKSON | 12-1-29.1 |
| R | GRAY JOHN A ET UX | 12-1-28.2 |
| S | ALLEN MARK G & CHERYL L | 12-1-28.1 |
| T | WHARTON PETER R ET AL | 12-1-34 |
| U | ESTEP DOUGLAS J & LINDA R - TOD | 12-1-33.1 |
| V | MERCER DARICK B & RENEE A | 12-1-32 |
| W | KUNTZ JOHN H | 12-1-31 |
| X | CONSOLIDATION COAL COMPANY : MURRAY ENERGY | 12-1-10.2 |
| Y | MARPLE JEFFREY J & BARBARA J | 12-1-32.1 |
| Z | HIGGINS CONSTANCE L - LIFE | 12-1-7.3 |
| A2 | RUNKLE SHERRY L | 12-1-7.2 |
| B2 | SLIGAR KAREN SCHENK & TERRY B | 12-1-5.2 |
| C2 | SLIGAR KAREN SCHENK | 12-1-5 |
| D2 | HAMILTON MARY SCHENK & GARY P | 12-1-5.1 |
| E2 | HAMILTON MARY SCHENK & GARY P | 12-1-5.4 |
| F2 | ENGINEERED FOUNDATION SOLUTION PLLS | 12-1A-94 |
| G2 | ZDONCZYK ROBIN G | 12-1A-83.1 |
| H2 | NICKERSON TERRY - TOD | 12-1A-90 |
| I2 | GRAHAM KEVIN L SR & ANDREA E | 12-1A-82 |
| J2 | ROSS KIMIKO | 12-1A-81 |
| K2 | ROSS KIMIKO | 12-1A-80 |
| L2 | GRAHAM KEVIN E SR & ANDREA E O'BRIEN-GRAHAM | 12-1A-15 |
| M2 | BOURNE MEREDITH B | 12-1A-18 |
| N2 | BERISFORD THEODORE A | 6-T17B-309 |
| O2 | BERISFORD THEODORE | 6-T17B-307 |
| P2 | BERISFORD THEODORE A | 6-T17B-317 |
| Q2 | PAETZOLD DOUGLAS G & K E | 6-T17B-318.2 |
| R2 | DIANA WALTER & K PAYNE (1/2); ALBERT ROY YOUNG JR (1/2) | 6-T17B-321 |
| S2 | HARTMAN WALTER L AND GLORIA L | 6-T17-17 |
| T2 | HOLMES DANIEL P & LAURA S | 6-T17-17.2 |
| U2 | COMSTOCK YUKIKO | 6-T17-17.3 |
| V2 | HALL JOSEPH D & ANGELL | 6-T17-17.4 |
| W2 | HARTMAN WALTER L AND GLORIA L | 6-T17-17.11 |
| X2 | LAPINSKY LEONARD E | 6-T17-15 |
| Y2 | BEALL GREGORY W & JILL ANN | 6-T17-9.3 |
| Z2 | CARLSON JAMES L | 6-T17-13 |
| A3 | LENZ PATRICK J | 12-1-46 |
| B3 | COFFIELD MICHAEL L & TYLENE R | 12-1-13 |
| C3 | BARTOLOVICH STEPHEN M | 12-1-11 |
| D3 | COFFIELD MICHAEL & TYLENE | 12-1-47 |
| E3 | BARTOLOVICH STEPHEN M | 12-1-18.4 |
| F3 | SCHELLHASE MARK A & ANDREA K | 12-1-18.3 |
| G3 | SCHELLHASE MARK A & ANDREA | 12-1-18.5 |

03/15/2024

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| REVISIONS: | COMPANY: |   | | |
| | OPERATOR'S | BW EDGE MSH | API #: | DATE: 06-26-2023 |
| | WELL #: | 1H | 47-051-02471 | DRAWN BY: N. MANO |
| | DISTRICT: | COUNTY: | STATE: | SCALE: N/A |
| | SAND HILL | MARSHALL | WV | DRAWING NO: WELL LOCATION PLAT 3 |