

Via Federal Express

April 12, 2017

State of West Virginia  
Department of Environmental Protection  
Office of Oil & Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304

**RE:** SWN Production Company, LLC  
Operator ID: 494512924  
Regulatory Filings: WR-35 & WR-36 Filing

To Whom It May Concern:

Please find enclosed forms WR-35 Well Operator's Report of Well Work and WR-36 Well Operator's Report of Initial Gas-Oil Ratio for the following wells:

Michael Dunn MSH 6H (API 47-051-01563)  
Michael Dunn MSH 8H (API 47-051-01582)  
Michael Dunn MSH 10H (API 47-051-01581)  
Michael Dunn MSH 210H (API 47-051-01600)

Please note these wells were drilled by Chesapeake Appalachia prior to the acquisition by SWN Production Company, LLC on December 23, 2014 and an interim WR-35 was filed.

If you have any questions or require additional information, please contact me via email at [denise\\_grantham@swn.com](mailto:denise_grantham@swn.com) or telephone at (832) 796-6139.

Sincerely,



Denise Grantham  
Regulatory Technician  
West Virginia Division

/dg  
Encl.

10000 Energy Drive  
Spring, TX 77389-4954



The Right People doing the Right Things,  
wisely Investing the cash flow from our  
underlying Assets, will create Value+®

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

API 47-051-01582 County MARSHALL District WEBSTER  
Quad MAJORSVILLE Pad Name MICHAEL DUNN-MSH-PAD1 Field/Pool Name NORTH VICTORY FIELD  
Farm name MICHAEL A DUNN AND KANDY R DUNN Well Number MICHAEL DUNN MSH 6H  
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 4,416,436.741 Easting 538,123.693  
Landing Point of Curve Northing 4,416,196.677 Easting 537,893.489  
Bottom Hole Northing 4,414,158.890 Easting 538,786.975

Elevation (ft) 1258' 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 9/30/2016 Date drilling commenced 12/14/2012 Date drilling ceased 02/06/2013  
Date completion activities began 11/26/2016 Date completion activities ceased 02/05/2017  
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 \_\_\_\_\_ Open mine(s) (Y/N) depths \_\_\_\_\_  
Salt water depth(s) ft \_\_\_\_\_ Void(s) encountered (Y/N) depths \_\_\_\_\_  
Coal depth(s) ft \_\_\_\_\_ Cavern(s) encountered (Y/N) depths \_\_\_\_\_  
Is coal being mined in area (Y/N) \_\_\_\_\_

Reviewed by:  
\_\_\_\_\_

API 47-051 - 01582 Farm name MICHAEL A DUNN AND KANDY R DUNN Well number MICHAEL DUNN MSH 6H

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							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
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							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) \_\_\_\_\_ Loggers TD (ft) \_\_\_\_\_  
Deepest formation penetrated \_\_\_\_\_ Plug back to (ft) \_\_\_\_\_  
Plug back procedure \_\_\_\_\_

Kick off depth (ft) \_\_\_\_\_

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 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 \_\_\_\_\_  
\_\_\_\_\_

API 47-051 - 01582

Farm name MICHAEL A DUNN AND KANDY R DUNN

Well number MICHAEL DUNN MSH 6H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHMENT	1		

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)
		SEE	ATTACHMENT	2				

Please insert additional pages as applicable.

API 47-051-01582 Farm name MICHAEL A DUNN AND KANDY R DUNN Well number MICHAEL DUNN MSH 6H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>6799.72</u>	<u>TVD</u>	<u>7161.89</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump

SHUT-IN PRESSURE Surface 1,760 psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST \_\_\_\_\_ hrs

OPEN FLOW Gas 2,957 mcfpd Oil 6.9 bpd NGL \_\_\_\_\_ bpd Water 426.8 bpd  
 GAS MEASURED BY  Estimated  Orifice  Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	<u>0</u>		<u>0</u>		

Please insert additional pages as applicable.

Drilling Contractor \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Logging Company \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Cementing Company \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Stimulating Company HALLIBURTON ENERGY SERVICES  
 Address 14851 MILNER ROAD, GATE 5A City HOUSTON State TX Zip 77032

Please insert additional pages as applicable.

Completed by DENISE GRANTHAM Telephone 832-796-6139  
 Signature *Denise Grantham* Title REGULATORY TECHNICIAN Date 4/12/2017

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

MICHAEL DUNN MSH 6H  
PERF SUMMARY

STAGE NUM	Perf Date	Perf Top MD	Perf Bottom MD	# SHOTS PER STG
1	11/26/2016	14,257	14,454	42
2	11/26/2016	13,997	14,194	42
3	11/26/2016	13,737	13,934	42
4	11/27/2016	13,477	13,674	42
5	11/27/2016	13,217	13,414	42
6	11/28/2016	12,957	13,154	42
7	11/28/2016	12,697	12,894	42
8	11/28/2016	12,437	12,634	48
9	11/29/2016	12,177	12,374	48
10	11/29/2016	11,917	12,114	48
11	11/30/2016	11,657	11,854	48
12	11/30/2016	11,397	11,594	42
13	11/30/2016	11,137	11,334	42
14	12/1/2016	10,877	11,074	42
15	12/2/2016	10,617	10,814	42
16	12/2/2016	10,357	10,554	42
17	12/3/2016	10,097	10,294	42
18	12/3/2016	9,837	10,034	42
19	12/3/2016	9,577	9,774	42
20	12/3/2016	9,317	9,514	42
21	12/4/2016	9,057	9,254	42
22	12/4/2016	8,797	8,994	42
23	12/4/2016	8,537	8,734	42
24	12/4/2016	8,275	8,474	42
25	12/4/2016	8,017	8,214	42
26	12/5/2016	7,757	7,954	42
27	12/5/2016	7,497	7,694	42
28	12/5/2016	7,237	7,434	42

MICHAEL DUNN MSH 6H  
FRAC STAGE SUMMARY

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown		Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/other
				Pressure (PSI)	ISIP (PSI)			
1	11/26/2016	97	8,263	8,775	4,354	500,860	7,923	
2	11/26/2016	89	8,354	8,769	4,361	499,540	8,164	
3	11/26/2016	91	8,232	8,574	4,593	501,700	8,202	
4	11/27/2016	83	8,145	8,624	4,740	473,480	11,917	
5	11/27/2016	97	8,349	9,300	4,913	500,280	10,067	
6	11/28/2016	92	8,101	8,892	5,782	394,740	8,308	
7	11/28/2016	99	8,115	8,890	4,265	392,240	8,280	
8	11/28/2016	100	8,068	8,409	4,036	494,960	9,687	
9	11/29/2016	97	7,827	8,342	4,457	498,060	8,906	
10	11/29/2016	99	7,937	8,713	4,386	499,100	9,477	
11	11/30/2016	98	7,546	8,901	5,630	464,200	9,776	
12	11/30/2016	100	8,087	8,898	4,349	501,980	8,684	
13	11/30/2016	95	7,673	8,960	5,055	500,540	8,756	
14	12/1/2016	95	7,578	8,914	5,157	494,540	8,268	
15	12/2/2016	96	7,803	8,975	4,938	504,580	7,223	
16	12/2/2016	97	7,823	8,774	5,238	498,900	6,924	
17	12/3/2016	99	7,708	8,963	4,904	499,880	6,973	
18	12/3/2016	100	7,564	8,963	4,918	499,180	6,694	
19	12/3/2016	101	7,697	8,887	5,038	498,320	6,981	
20	12/3/2016	101	7,377	8,853	4,776	501,080	6,982	
21	12/4/2016	100	7,205	9,150	4,879	500,080	6,867	
22	12/4/2016	98	6,954	8,923	5,038	499,760	6,915	
23	12/4/2016	101	7,190	8,813	4,920	502,040	6,808	
24	12/4/2016	100	7,370	8,844	4,600	496,700	6,680	
25	12/4/2016	100	7,585	8,748	4,579	501,060	6,643	
26	12/5/2016	101	7,190	8,870	5,359	502,240	6,804	
27	12/5/2016	100	7,333	8,204	4,644	504,580	6,741	
28	12/5/2016	100	7,514	8,904	4,520	495,840	6,714	

# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/26/2016
Job End Date:	12/6/2016
State:	West Virginia
County:	Marshall
API Number:	47-051-01582-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	Michael Dunn MSH 6H
Latitude:	39.89642400
Longitude:	-80.55824500
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,875
Total Base Water Volume (gal):	9,226,417
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
Fresh Water	Operator	Base Fluid					
			Water	7732-18-5	100.00000	83.86869	Density = 8.350
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.02962	



SAND- PREMIUM WHITE-40/70, BULK	Halliburton	Proppant						Listed Below			
FDP-S1176-15	Halliburton	Friction Reducer									
Bactron K-219	Nalco	Biocide						Listed Below			
HAI-150E	Halliburton	Corrosion Inhibitor						Listed Below			
SAND-COMMON WHITE-100 MESH, SSA-2, BULK (100003676)	Halliburton	Proppant									
FR-78	Halliburton	Friction Reducer						Listed Below			
FR-A12	Halliburton	Additive						Listed Below			
EC6486A	Nalco	Scale Inhibitor						Listed Below			

15% Hydrochloric Acid	AMROX Chem	Acid								
				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	14.92567			
			Hydrochloric acid		7647-01-0	15.00000	0.16387			
			Hydrotreated light petroleum distillate		64742-47-8	30.00000	0.02277			
			Polyacrylate		Proprietary	30.00000	0.02277			
			Methanol		67-56-1	60.00000	0.01390			
			Benzyl-(C12-C16 Alkyl)-Dimethyl-Ammonium Chloride		68424-85-1	30.00000	0.00695			
			Proprietary Component		Proprietary	60.00000	0.00531			
			Glutaraldehyde		111-30-8	10.00000	0.00232			
			Inorganic salt		Proprietary	5.00000	0.00173			
			Alcohols, C12-16, ethoxylated		68551-12-2	5.00000	0.00173			
			Amide		Proprietary	5.00000	0.00173		Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-871-6226	
			Amine Triphosphate		Proprietary	30.00000	0.00155			
			Ethylene		107-21-1	30.00000	0.00155			
			Sodium chloride		7647-14-5	10.00000	0.00089			
			Glycerine		56-81-5	5.00000	0.00044			
			Ammonium chloride		12125-02-9	1.00000	0.00035			
			Fatty acid ester		Proprietary	1.00000	0.00035			
			Non-hazardous food substance		Proprietary	100.00000	0.00012			

\* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

\*\*\* If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.  
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

**JACKSON SURVEYING INC.**  
 P.O. Box 1460  
 677 W. Main St.  
 Clarksburg, WV 26302  
 304-623-5851

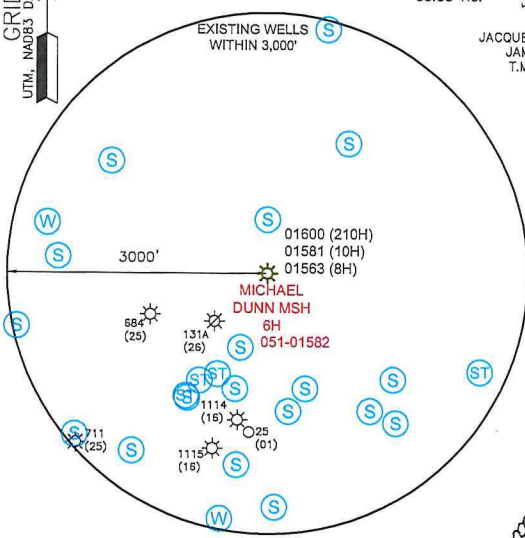
- A-EDWIN R. COOKE 15.17 AC. 03-04-13
- B-GARY L. MITCHELL & MONA S. MITCHELL 4.258 AC. 15-12-08
- C-ROBERT WILLIAM BROWN 3.695 AC. 15-12-07
- D-CONSOL PENNSYLVANIA COAL COMPANY, LLC 4.643 AC. 15-12-06
- E-CNX LAND LLC 3.679 AC. 3-6-02.1
- F-CNX LAND LLC 9.288 AC. 3-6-02.2
- G-CNX LAND LLC 15 AC. 3-6-03

**SURFACE HOLE LOCATION**  
 UTM NAD 83 (METERS)-4416436.6 N, 538123.8 E  
**BOTTOM HOLE LOCATION**  
 UTM NAD 83 (METERS)-4414160.4 N, 538788.9 E

**LEGEND**

ASDRILLED LEG (RED TEXT)	---
PERMIT LEG (BLUE LEG)	---
WATERWELL	(W)
SPRING	(S)
STREAM	(ST)
SURFACE & ROYALTY OWNER	(S/R)
DIVISION LINES BETWEEN LEASE TRACTS	---
ADJOINERS LINES	---
SURFACE OWNER	(S)

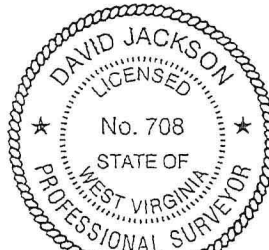
GRID NORTH  
 UTM, NAD83 DATUM, ZONE 17, US FT



SCALE 1"=2000'

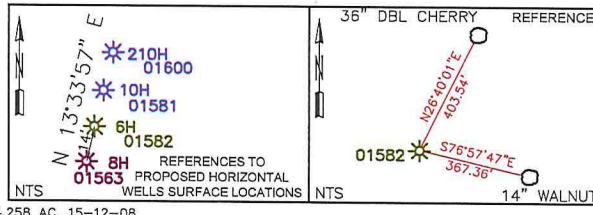
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708 *David L Jackson*

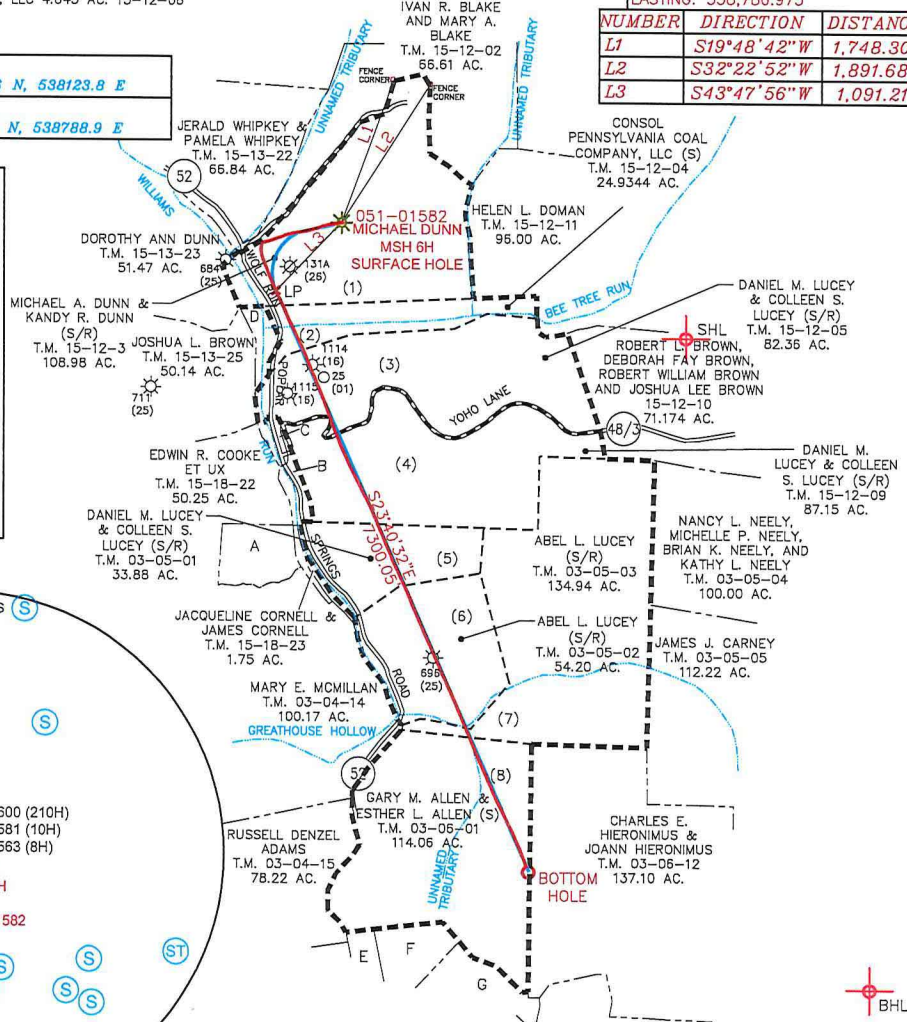


SURFACE HOLE 3,472'  
 Latitude: 39°55'00" BOTTOM HOLE 1,334'

Longitude: 80°32'30"  
 14,598'  
 7,111'  
 SURFACE HOLE  
 BOTTOM HOLE



REFERENCES		
SURFACE HOLE LOCATION (SHL):		
UTM (NAD83, ZONE 17, METERS):		
NORTHING: 4,416,436.741		
EASTING: 538,123.693		
"LANDING POINT" LOCATION (LPL):		
UTM (NAD83, ZONE 17, METERS):		
NORTHING: 4,416,196.677		
EASTING: 537,893.489		
BOTTOM HOLE LOCATION (BHL):		
UTM (NAD83, ZONE 17, METERS):		
NORTHING: 4,414,158.890		
EASTING: 538,786.975		
NUMBER	DIRECTION	DISTANCE
L1	S19°48'42"W	1,748.30'
L2	S32°22'52"W	1,891.68'
L3	S43°47'56"W	1,091.21'



**NOTES ON SURVEY**

1. NO DWELLINGS OR AGRICULTURAL BUILDINGS GREATER THAN 2,500 SQUARE FEET WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
3. ALL WELLS WITHIN 500' OF THE HORIZONTAL LEG ARE SHOWN ON THIS PLAT BASED UPON INFORMATION TAKEN FROM DEP MAPPING, WELL PLATS AND AERIAL PHOTOS.
4. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.

PLAT SCALE 1"=2000'

COMPANY: **SWN** Production Company, LLC

MICHAEL DUNN MSH  
 OPERATOR'S WELL #: 6H  
 API WELL #: 47 051 01582  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: WILLIAMS RUN OF UPPER OHIO SOUTH ELEVATION: 1,258'

DISTRICT: WEBSTER COUNTY: MARSHALL QUADRANGLE: MAJORSVILLE

SURFACE OWNER: MICHAEL A. DUNN AND KANDY R. DUNN ACREAGE: 108.98

OIL & GAS ROYALTY OWNER: MICHAEL A. DUNN AND KANDY R. DUNN ACREAGE: 108.98

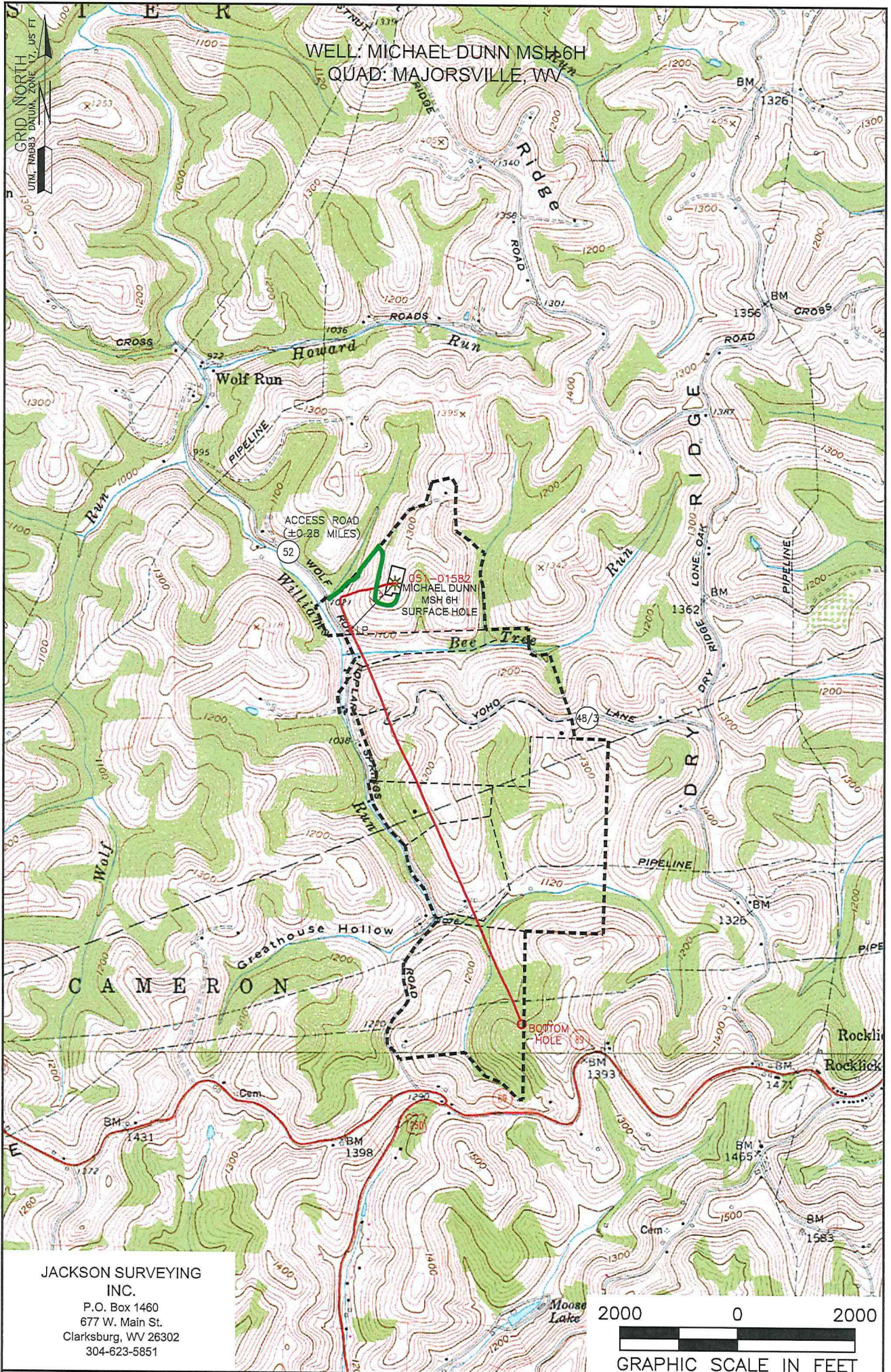
DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION

CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) ASDRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,809' TVD 14,582' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHALL  
 ADDRESS: P.O. BOX 1300 ADDRESS: P.O. BOX 1300  
 CITY: JANE LEW STATE: WV ZIP CODE: 26378 CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND:	REVISIONS:	DATE: 08-11-2016
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		
⊙ EXISTING / PRODUCING WELLHEAD		
⊘ ABANDONED WELL	--- LEASE BOUNDARY	DRAWN BY: N. MANO
⊙ PLUGGED & ABANDONED WELL	--- PERMIT DHP	SCALE: 1" = 2000'
△ CUT CONDUCTOR	--- MARCELLUS DHP	DRAWING NO:
	--- ABANDONED PATH	WELL LOCATION PLAT



JACKSON SURVEYING  
 INC.  
 P.O. Box 1460  
 677 W. Main St.  
 Clarksburg, WV 26302  
 304-623-5851

NOTE:  
 THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF PROPOSED GAS WELLS AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.

LEGEND:

----- LEASE BOUNDARY

Applicant/Well Operator Name SWN PRODUCTION COMPANY, LLC	Well (Form) Name MICHAEL DUNN MSH 6H	Well# 6H
Address PO BOX 1300 JANE LEW, WV 26378	County MARSHALL	District WEBSTER
Surface Landowner/ Lessor MICHAEL A. DUNN ET UX	USGS 7 1/2 Quadrangle Map Name MAJORSVILLE	

**State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas**

Well Operator's Report of  
Initial Gas-Oil Ratio

Well Operator SWN PRODUCTION COMPANY LLC  
Address PO BOX 12359  
SPRING, TX 77391-2359

Designated Agent \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_

Geological Target Formation: MARCELLUS Depth 7161.89' MD / 6799.72' TVD feet  
Perforation Interval 7237' / 14,454' MD feet

Guidelines for testing:

1. A minimum of gas vented or flared.
2. A 24 hour pre-flow into pipelines or tanks.
3. Uniform producing rate during the 24 hour test per test period.
4. Measurement standards as for Form WR-39, "Report of Annual Production" (see 35CSR4-15)
5. Separate Form WR-36 for each producing formation in a multiple completion.

**TEST DATA**

Start of Test Date	Time	End of Test Date	Time	Duration of Test
Tubing Pressure	Casing Pressure	Separator Pressure	Separator Temperature	
Oil Production During Test BBLs	Gas Production During Test MCF	Water Production During Test BBLs -Salinity		
Oil Gravity API	Producing Method (flowing, pumping, gas lift etc.)			

**GAS PRODUCTION**

Measurement Method Flange Tap <input type="checkbox"/> Pipe Tap <input type="checkbox"/> L-10 <input type="checkbox"/>		Positive Choke <input type="checkbox"/>
		Positive flow prover <input type="checkbox"/>
Orifice diameter	Pipe Diameter (inside)	Nominal Choke Size inches 13
Differential Pressure range	Max. Static pressure range	Prover and Orifice diameter - inches
Differential		Static
Gas Gravity (Air = 1.0) Measured Estimated	Flowing Temperature	Gas Temperature
24 Hour Coefficient	24 Hour coefficient pressure PSIA	

**TEST RESULTS**

Daily Oil 6.9 BBLs	Daily Water 426.8 BBLs	Daily Gas 2,957 MCF	Gas-Oil Ratio
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*Denise Grantham*  
Well Operator

BY DENISE GRANTHAM

ITS: DESIGNATED REPRESENTATIVE