

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

API 47-069-00251 County OHIO District TRIADELPHIA
Quad VALLEY GROVE, WV Pad Name BRIAN DYTCKO OHI PAD 1 Field/Pool Name PANHANDLE FIELD WET
Farm name BRIAN J DYTCKO Well Number BRIAN DYTCKO OHI 201H
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 4,431,161.49 Easting 533,446.66
Landing Point of Curve Northing 4,431,019.40 Easting 532,727.24
Bottom Hole Northing 4,432,471.71 Easting 531,549.00

Elevation (ft) 1222.6' 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

Date permit issued 10/16/2017 Date drilling commenced 4/4/2018 Date drilling ceased 4/16/2018
Date completion activities began 1/2/2019 Date completion activities ceased 2/14/2019
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 555' Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 999' Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 649' Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) Y

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Reviewed by:
[Signature] 5-28-19

WR-35
Rev. 8/23/13

API 47-069 - 00251 Farm name BRIAN J DYTKO Well number BRIAN DYTKO OHI 201H

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	126	NEW	J-55/94#		Y
Surface	17.5	13.375	689	NEW	J-55/54.5#	516.9	Y; 41 BBLS
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2,007	NEW	J-55/36#		Y; 22 BBLS
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	13,340	NEW	HCP-110/20#		Y
Tubing		2.375	7,164	NEW	P-110/4.7#		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	704	15.6	1.20	844.8	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	813	15.60	1.18	959.34	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	2430	15.60	1.19	2,891.70	SURFACE	24
Tubing							

Drillers TD (ft) 13,340' Loggers TD (ft) 13,340'
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 8,255'

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 _____

SURFACE: 7 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 181 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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Farm name BRIAN J DYTKO

Well number BRIAN DYTKO OHI 201H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHMENT 5	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 5	2				

Please insert additional pages as applicable.

WR-35
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API 47- 069 - 00251 Farm name BRIAN J DYTKO Well number BRIAN DYTKO OHI 201H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>MARCELLUS</u>	<u>6,300'</u> TVD	<u>6,947'</u> MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1104 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 5,131 mcfpd Oil 456 bpd NGL _____ bpd Water 336 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0		0		
	SEE	ATTACHMENT	3		

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 9110 GROGANS MILL RD City THE WOODLANDS State TX Zip 77380

Cementing Company BJ SERVICE
Address 11211 FM 2920 City TOMBALL State TX Zip 77377

Stimulating Company SWN WELL SERVICES
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

Please insert additional pages as applicable.

Completed by DENISE GRANTHAM Telephone 832-796-6139
Signature *Denise Grantham* Title REGULATORY TECHNICIAN Date 5/9/2019

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

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	1/4/2019
Job End Date:	1/26/2019
State:	West Virginia
County:	Ohio
API Number:	47-069-00251-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	Brian Dytko OHI 201
Latitude:	40.03000900
Longitude:	-80.60799700
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,307
Total Base Water Volume (gal):	6,995,920
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
HCL	SWN Well Services	Solvent					
Base Water	Operator	Base Fluid		Listed Below			
				Listed Below			

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FLOJET DR 9000LPP	SWN Well Services	Friction Reducer				Listed Below						
SWN FRW-10LA	SWN Well Services	Friction Reducer				Listed Below						
Sand	SWN Well Services	Proppant				Listed Below						
Ecopol-FEAC	SWN Well Services	Iron Control				Listed Below						
Econo-CI200	SWN Well Services	Corrosion Inhibitor				Listed Below						
BIOC11219A	Nalco	Biocide				Listed Below						
SCAL16486A	Nalco	Scale Inhibitor				Listed Below						
Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients.												
			Water			7732-18-5	100.00000	85.40929	Density = 8.345			
			Crystalline Silica, quartz			14808-60-7	100.00000	13.84787				
			Water			7732-18-5	85.00000	0.56754				
			Hydrochloric Acid			7647-01-0	15.00000	0.09327				
			Petroleum Distillates, Hydrotreated			64742-47-8	45.00000	0.03896				

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					67-56-1	60.00000	0.01480
					107-21-1	10.00000	0.01029
					68424-85-1	30.00000	0.00740
					111-30-8	10.00000	0.00247
					Proprietary	2.00000	0.00173
					68213-24-1	2.00000	0.00173
					Proprietary	30.00000	0.00163
					64-19-7	37.50000	0.00125
					67-56-1	80.00000	0.00082
					77-92-9	22.50000	0.00075
					68951-67-7	9.67400	0.00010
					61790-12-3	5.02700	0.00005
					68527-49-1	4.74600	0.00005
					127-08-2	0.02200	0.00000
					50-00-0	0.00400	0.00000

* 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)

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Brian Dytko OHI 201H
ATTACHMENT 1
PERF REPORT

STAGE NUM	Perf Date	Perf Top MD	Perf Bottom MD	# SHOTS PER STG
1	12/19/2018	13,262	13,156	
2	1/4/2019	13,139	13,032	42
3	1/5/2019	12,999	12,892	30
4	1/5/2019	12,859	12,750	42
5	1/6/2019	12,719	12,612	42
6	1/6/2019	12,579	12,476	42
7	1/7/2019	12,439	12,332	42
8	1/7/2019	12,299	12,192	42
9	1/7/2019	12,159	12,052	42
10	1/8/2019	12,018	11,912	42
11	1/8/2019	11,879	11,772	42
12	1/9/2019	11,739	11,632	42
13	1/10/2019	11,599	11,492	42
14	1/10/2019	11,459	11,352	42
15	1/11/2019	11,319	11,212	42
16	1/12/2019	11,179	11,072	42
17	1/12/2019	11,039	10,932	42
18	1/13/2019	10,899	10,792	42
19	1/13/2019	10,759	10,652	42
20	1/14/2019	10,615	10,512	42
21	1/14/2019	10,479	10,381	42
22	1/14/2019	10,332	10,232	42
23	1/14/2019	10,199	10,097	42
24	1/15/2019	10,059	9,952	42
25	1/15/2019	9,919	9,816	42
26	1/15/2019	9,779	9,672	42
27	1/16/2019	9,639	9,532	42
28	1/16/2019	9,499	9,392	42
29	1/17/2019	9,359	9,252	42
30	1/17/2019	9,219	9,112	42
31	1/17/2019	9,077	8,972	42
32	1/18/2019	8,938	8,832	42
33	1/18/2019	8,794	8,692	42
34	1/18/2019	8,659	8,557	42
35	1/18/2019	8,519	8,412	42
36	1/19/2019	8,379	8,272	42
37	1/19/2019	8,239	8,132	42
38	1/19/2019	8,099	7,992	42
39	1/20/2019	7,959	7,852	42
40	1/22/2019	7,819	7,712	42
41	1/24/2019	7,679	7,572	42
42	1/25/2019	7,539	7,432	42
43	1/25/2019	7,399	7,292	42
44	1/25/2019	7,259	7,152	42
45	1/26/2019	7,117	7,012	42

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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	1/4/2019	78	7,248	8,207	3,381	218,820	3,765	0
2	1/4/2019	97	7,369	4,002	4,690	211,040	4,009	0
3	1/5/2019	97	7,861	5,849	3,630	211,040	4,193	0
4	1/6/2019	97	8,140	5,615	4,400	217,120	3,936	0
5	1/6/2019	99	8,192	6,224	4,103	218,280	4,076	0
6	1/6/2019	96	8,030	5,902	3,908	217,400	3,916	0
7	1/7/2019	96	8,024	4,506	4,589	211,100	3,764	0
8	1/7/2019	99	8,107	6,237	4,258	213,235	3,927	0
9	1/8/2019	94	7,739	6,072	4,408	218,440	4,033	0
10	1/8/2019	94	8,017	5,533	4,500	203,890	3,690	0
11	1/9/2019	95	7,516	5,820	4,893	215,940	4,117	0
12	1/10/2019	90	7,828	5,225	4,893	215,940	3,574	0
13	1/10/2019	92	7,684	6,275	4,644	211,240	3,973	0
14	1/11/2019	97	7,784	5,802	4,974	214,160	3,868	0
15	1/11/2019	100	7,639	4,095	5,696	215,660	3,782	0
16	1/12/2019	92	7,515	5,708	4,400	214,340	3,841	0
17	1/12/2019	98	7,838	5,564	4,907	215,220	3,918	0
18	1/13/2019	99	7,709	6,135	5,463	212,660	3,731	0
19	1/13/2019	90	7,489	4,793	5,010	212,660	3,370	0
20	1/14/2019	99	7,762	6,277	5,423	212,060	3,875	0
21	1/14/2019	97	7,973	5,678	4,622	218,020	4,056	0
22	1/14/2019	98	7,668	5,868	4,942	212,020	3,885	0
23	1/14/2019	93	7,360	4,787	4,965	221,800	3,328	0
24	1/15/2019	96	7,376	5,846	4,888	210,500	3,702	0
25	1/15/2019	95	7,323	5,870	5,150	213,500	3,828	0
26	1/15/2019	91	7,325	5,452	4,221	222,200	3,525	0
27	1/16/2019	95	7,192	6,322	5,164	213,500	3,784	0
28	1/16/2019	96	7,636	5,102	4,842	218,840	3,682	0
29	1/17/2019	85	7,669	6,227	4,348	218,840	3,643	0
30	1/17/2019	84	7,010	5,678	4,205	213,060	3,838	0
31	1/17/2019	88	7,346	5,658	4,205	217,700	3,464	0
32	1/18/2019	87	7,476	5,605	4,205	213,800	3,490	0
33	1/18/2019	83	6,849	5,812	4,041	202,820	3,784	0
34	1/18/2019	94	7,427	5,637	4,268	218,800	3,392	0
35	1/19/2019	86	7,720	5,420	4,544	195,800	3,525	0
36	1/19/2019	87	7,346	6,312	4,592	217,300	3,742	0
37	1/19/2019	84	7,560	4,949	4,697	217,900	3,397	0
38	1/19/2019	81	7,332	6,331	4,536	218,440	4,261	0
39	1/22/2019	73	7,071	6,010	4,436	222,620	3,486	0
40	1/24/2019	88	8,097	5,984	4,675	216,820	3,920	0
41	1/24/2019	93	7,573	6,009	4,145	219,220	3,338	0
42	1/25/2019	24	7,002	6,238	4,489	2,300	1,995	0
43	1/25/2019	83	6,837	5,413	4,219	314,120	4,369	0
44	1/26/2019	81	7,931	7,614	4,026	214,780	3,370	0
45	1/26/2019	75	6,546	5,591	4,155	212,320	3,588	0

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Well Name: Brian Dytko OHI 201H

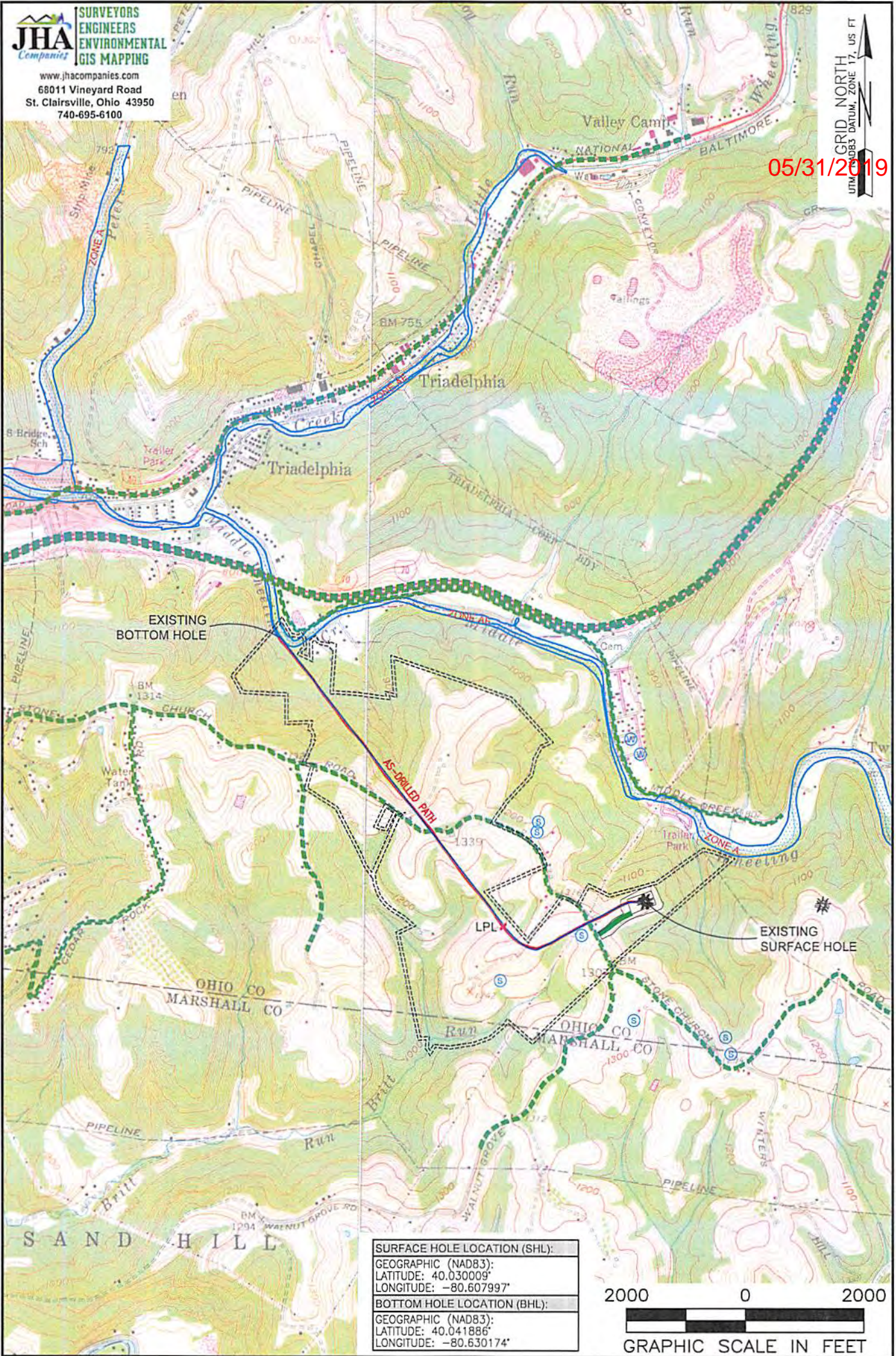
Attachment 3

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	555.00	555.00	
Top of Salt Water	999.00	999.00	NA	NA	
Pittsburgh Coal	639.00	639.00	649.00	649.00	
Maxton (ss)	1519.00	1519.00	1778.00	1778.00	
Big Injun (ss)	1778.00	1778.00	2259.00	2259.00	
Berea (siltstone)	2259.00	2259.00	6115.00	5725.00	
Rhinstreet (shale)	6115.00	5725.00	6428.00	6003.00	
Cashaqua (shale)	6428.00	6003.00	6515.00	6073.00	
Middlesex (shale)	6515.00	6073.00	6623.00	6150.00	
Burket (shale)	6623.00	6150.00	6656.00	6170.00	
Tully (ls)	6656.00	6170.00	6714.00	6204.00	
Mahantango (shale)	6714.00	6204.00	6947.00	6300.00	
Marcellus (shale)	6947.00	6300.00	NA	NA	GAS

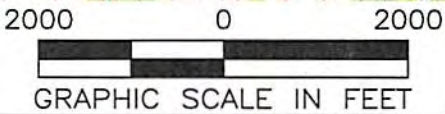
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SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.030009°
LONGITUDE: -80.607997°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.041886°
LONGITUDE: -80.630174°



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.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- AS-DRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: BRIAN DYTKO OHI	WELL # 201H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT: TRIADELPHIA	API NO: 47-069-00251
SURFACE OWNER: BRIAN J. DYTKO	USGS 7 1/2 QUADRANGLE MAP NAME: VALLEY GROVE, WV & WHEELING, WV		

LATITUDE: 40°02'30" SURFACE HOLE

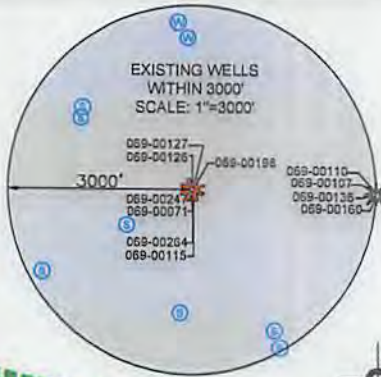
6962'

LATITUDE: 40°05'00" BOTTOM HOLE

1450'

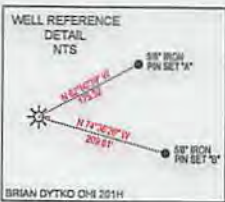


www.jhacompanies.com
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

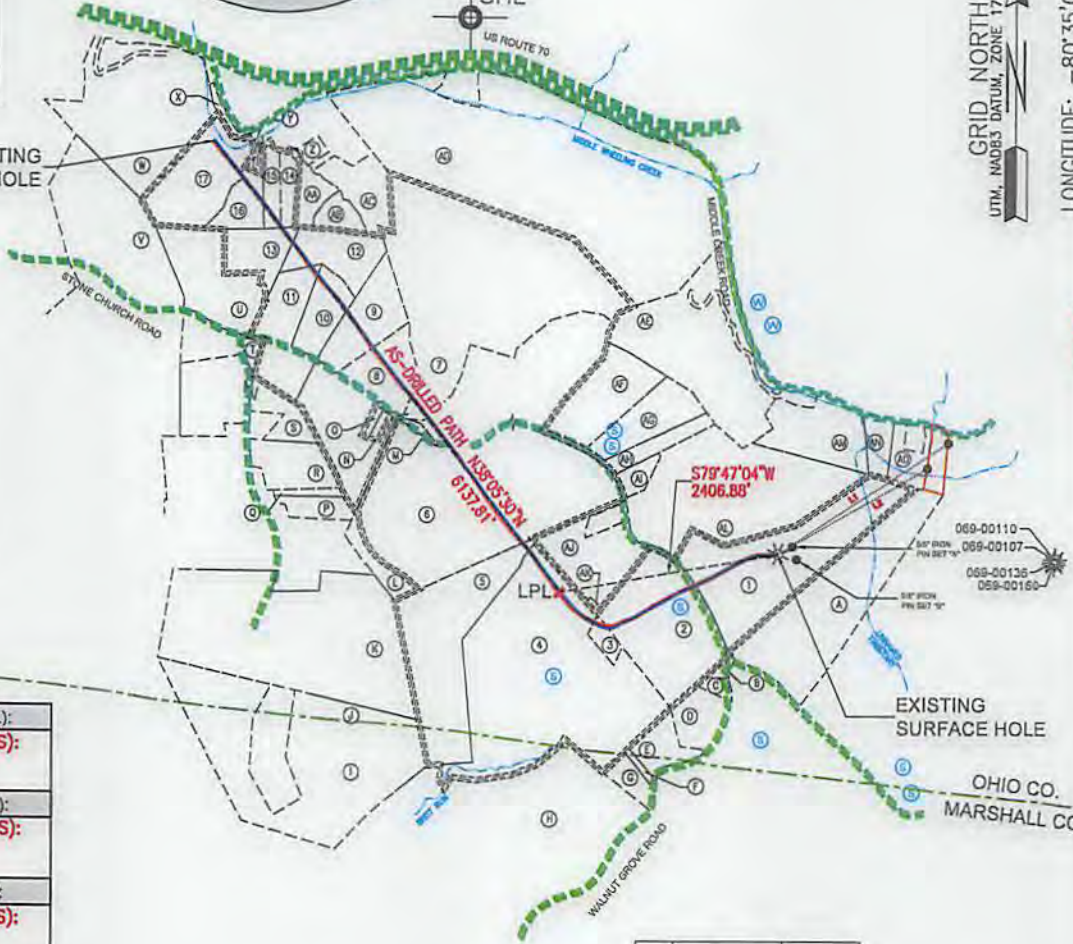


NOTES ON SURVEY

- 1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. 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.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD
5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 200 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



EXISTING BOTTOM HOLE



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

LONGITUDE: -80°35'00" BOTTOM HOLE

15121'

LONGITUDE: -80°37'30" SURFACE HOLE

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4431161.49
EASTING: 533446.66

LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4431019.40
EASTING: 532727.24

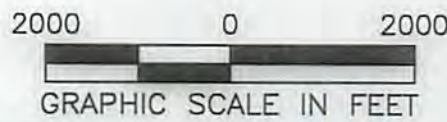
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4432471.71
EASTING: 531549.00

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4431161.53
EASTING: 533446.65

LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4431002.23
EASTING: 532747.70

BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4432475.52
EASTING: 531552.86

Table with 3 columns: LINE, BEARING, DISTANCE. Contains data for L1 and L2.



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. 2041

COMPANY: SWN Production Company, LLC

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP OFFICE OF OIL & GAS
801 57TH STREET
CHARLESTON, WV 25034

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

BRIAN DYTKO OHI
OPERATOR'S WELL #: 201H
API WELL #: 47 069 00251
STATE COUNTY PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [x] DEEP [] GAS [x] LIQUID INJECTION [] STORAGE [] SHALLOW [x]
WATERSHED: OHIO UPPER SOUTH
DISTRICT: TRIADDELPHIA COUNTY: OHIO
SURFACE OWNER: BRIAN J. DYTKO
OIL & GAS ROYALTY OWNER: BRIAN J. DYTKO
DRILL [] DRILL DEEPER [] REDRILL [] FRACTURE OR STIMULATE [] PLUG OFF OLD FORMATION [] PERFORATE NEW FORMATION []
CONVERT [] PLUG & ABANDON [] CLEAN OUT & REPLUG [] OTHER CHANGE [x] (SPECIFY) AS-DRILLED
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,332' TVD 13,340' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:
PROPOSED SURFACE HOLE / BOTTOM HOLE
EXISTING / PRODUCING WELLHEAD
LPL: LANDING POINT LOCATION
EXISTING WATER WELL
EXISTING SPRING
SURVEYED BOUNDARY
LEASE BOUNDARY
ASDRILLED PATH
PROPOSED PATH
REVISIONS:
DATE: 03-14-2019
API NO: 47-069-00251
DRAWN BY: D. REED
SCALE: 1" = 2000'
DRAWING NO: 2017-300
WELL LOCATION PLAT

LEGEND:
 ○ EXISTING SPRING
 ● EXISTING WATER WELL
 * EXISTING / PRODUCING WELLED
 ○ PROPOSED SURFACE HOLE \ BOTTOM HOLE
 --- SURVEYED BOUNDARY
 = LEASE BOUNDARY
 = AS-DRIILLED PATH
 --- PROPOSED PATH

REVISIONS:
 DATE: 03-14-2019
 API NO: 47-068-00251
 DRAWN BY: D. REED
 SCALE: 1" = 200'
 DRAWING NO: 2017-300
 WELL LOCATION PLAT

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN **STATE:** WV **ZIP CODE:** 26508

DESIGNATED AGENT: BRITANNY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN **STATE:** WV **ZIP CODE:** 26508

ESTIMATED DEPTH: 8'335', TVD 13'340', TMD
TARGET FORMATION: MARCELLUS
CONVERT: PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (specify) **AS-DRIILLED**
 DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

OIL & GAS ROYALTY OWNER: BRIAN J. DYTKO
SURFACE OWNER: BRIAN J. DYTKO
DISTRICT: TRIAD/PHIA
COUNTY: OHIO
WATERSHED: OHIO UPPER SOUTH
WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

CHARLESTON, WV 25034
OFFICE OF OIL & GAS
801 57TH STREET
WVDEP

UNITED STATES TOPOGRAPHIC MAPS
 (+) DENOTES LOCATION OF WELL ON DEGREE OF ACCURACY: 1/500
PROVEN SURVEY
SOURCE OF GRADE GPS
ELEVATION: (NAD 88, US FT)

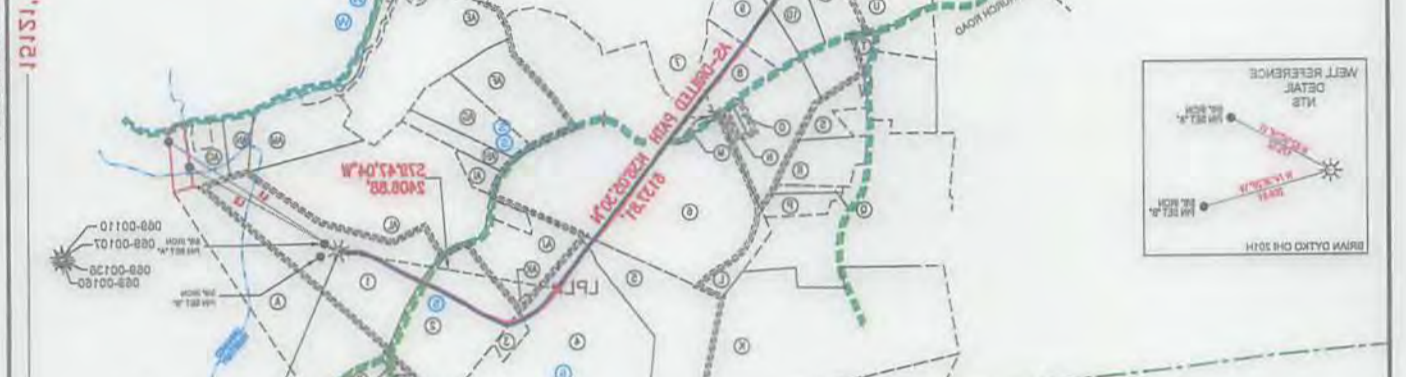
API WELL #: 47 068 00251
OPERATOR'S WELL #: 201H
BRIAN DYTKO OH
PERMIT

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. 2041



LANDING POINT LOCATION (L.P.): Easting: 523247.70 Northing: 4431002.23 UTM (NAD83, ZONE 17, METERS):	BOTTOM HOLE LOCATION (B.H.): Easting: 523247.70 Northing: 4431002.23 UTM (NAD83, ZONE 17, METERS):
LANDING POINT LOCATION (L.P.): Easting: 523272.24 Northing: 4431014.40 UTM (NAD83, ZONE 17, METERS):	BOTTOM HOLE LOCATION (B.H.): Easting: 523272.24 Northing: 4431014.40 UTM (NAD83, ZONE 17, METERS):
LANDING POINT LOCATION (L.P.): Easting: 523448.88 Northing: 4431181.49 UTM (NAD83, ZONE 17, METERS):	BOTTOM HOLE LOCATION (B.H.): Easting: 523448.88 Northing: 4431181.49 UTM (NAD83, ZONE 17, METERS):
LANDING POINT LOCATION (L.P.): Easting: 523448.88 Northing: 4431181.49 UTM (NAD83, ZONE 17, METERS):	BOTTOM HOLE LOCATION (B.H.): Easting: 523448.88 Northing: 4431181.49 UTM (NAD83, ZONE 17, METERS):



NOTES ON SURVEY:
 1. COORDINATE SYSTEM IS NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
 2. 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. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 3. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
 4. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE. THE LIMITS OF DISTURBANCE ARE 300 FEET OF THE LIMITS OF DISTURBANCE.
 5. NO NATURALLY PRODUCING TIGHT STREAM WITHIN 300 FEET OF PROPOSED WELL.
 6. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

LATITUDE: 40°02'30" SURFACE HOLE

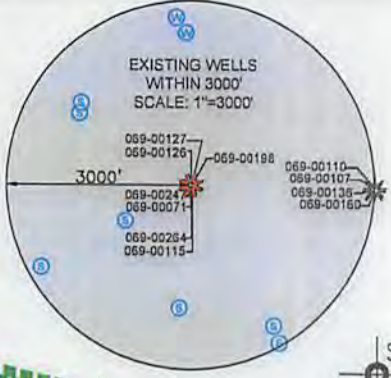
6962'

LATITUDE: 40°05'00" BOTTOM HOLE

1450'

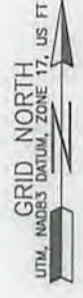
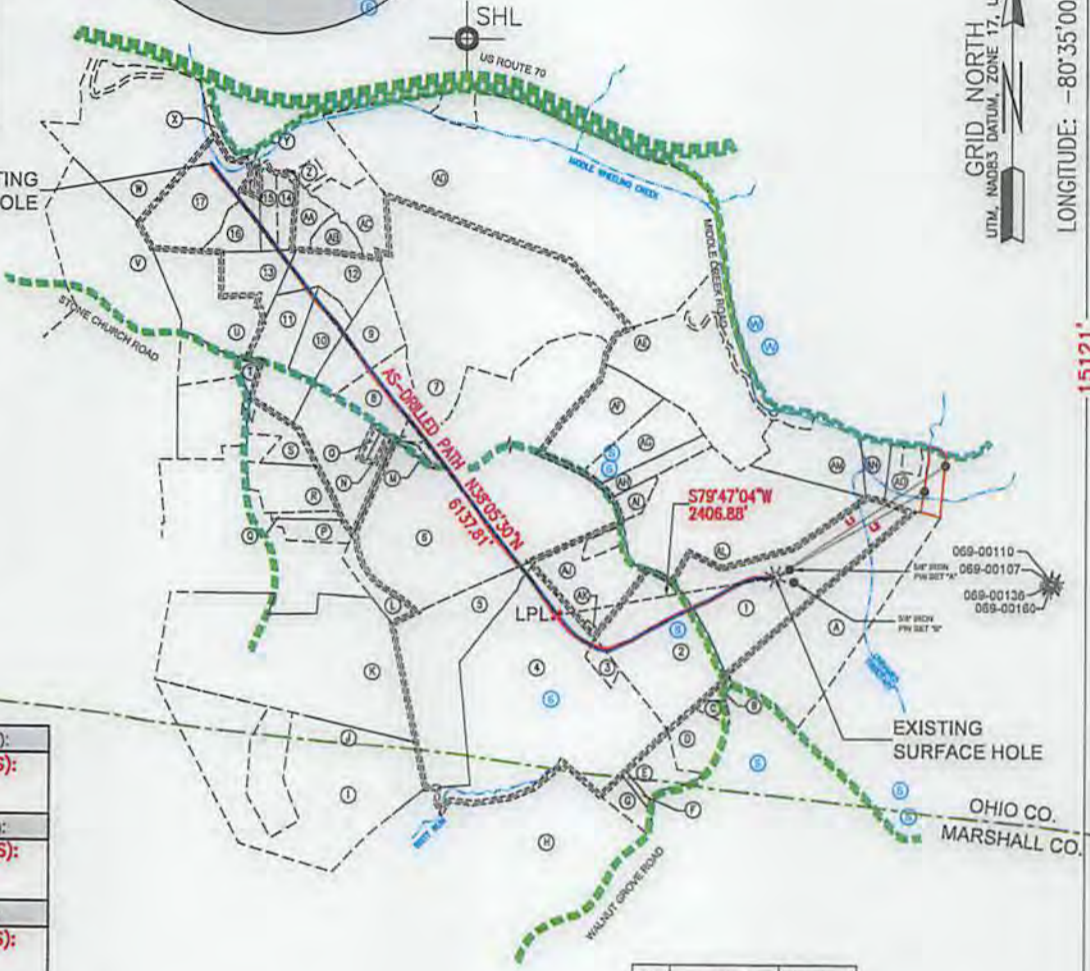
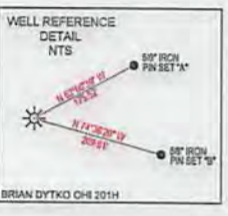
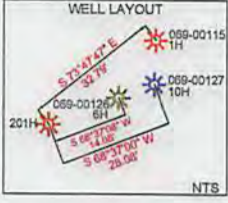


SURVEYORS ENGINEERS ENVIRONMENTAL GIS MAPPING
www.jhacompanies.com
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100



- NOTES ON SURVEY
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
 2. 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.
 3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD
 5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
 6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 250 FEET OF THE LIMITS OF DISTURBANCE.
 7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

05/31/2019

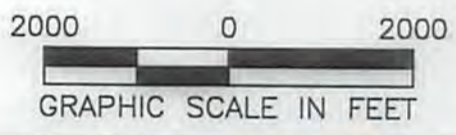


LONGITUDE: -80°35'00" BOTTOM HOLE

LONGITUDE: -80°37'30" SURFACE HOLE

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4431161.49
EASTING: 533446.66
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4431019.40
EASTING: 532727.24
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4432471.71
EASTING: 531549.00
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4431161.53
EASTING: 533446.65
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4431002.23
EASTING: 532747.70
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4432475.52
EASTING: 531552.86

LINE	BEARING	DISTANCE
L1	S56°45'21"W	2106.26'
L2	S60°03'32"W	1882.81'



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. 2041

COMPANY: SWN Production Company, LLC
BRIAN DYTKO OHI
OPERATOR'S WELL #: 201H

(+) 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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

API WELL #: 47 069 00251
STATE COUNTY PERMIT

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

WATERSHED: OHIO UPPER SOUTH
DISTRICT: TRIADDELPHIA COUNTY: OHIO
SURFACE OWNER: BRIAN J. DYTKO
OIL & GAS ROYALTY OWNER: BRIAN J. DYTKO

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) AS-DRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,332' TVD 13,340' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

- LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
 - ⊛ EXISTING / PRODUCING WELLHEAD
 - L.P.L. ⊛ LANDING POINT LOCATION
 - ⊙ EXISTING WATER WELL
 - ⊙ EXISTING SPRING
 - SURVEYED BOUNDARY
 - ==== LEASE BOUNDARY
 - ASDRILLED PATH
 - PROPOSED PATH

REVISIONS:

DATE: 03-14-2019
API NO: 47-069-00251
DRAWN BY: D. REED
SCALE: 1" = 2000'
DRAWING NO: 2017-300
WELL LOCATION PLAT

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	DESIGNATED AGENT: BRITANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE SUITE 201	ADDRESS: 1300 FORT PIERPONT DRIVE SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
LEGEND:	REVISIONS:
<ul style="list-style-type: none"> Proposed Surface Hole / Bottom Hole Existing / Producing Wellhead L.P.L. Landing Point Location Existing Water Well Existing Spring Proposed Path As-Drilled Path Clean Out & Replug Plug & Abandon Drill Deeper Redrill Fracture or Stimulate Plug Off Old Formation Perforate New Formation 	<ul style="list-style-type: none"> DATE: 03-14-2019 API NO: 47-089-00251 DRAWN BY: D. REED SCALE: 1" = 300' DRAWING NO: 2017-300 WELL LOCATION PLAT

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
 ADDRESS: 1300 FORT PIERPONT DRIVE SUITE 201
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITANY WOODY
 ADDRESS: 1300 FORT PIERPONT DRIVE SUITE 201
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP SHALLOW

WATERSHED: OHIO UPPER SOUTH
 DISTRICT: TRIADDELPHIA COUNTY: OHIO

SURFACE OWNER: BRIAN J. DYCKO
 OIL & GAS ROYALTY OWNER: BRIAN J. DYCKO

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY **AS-DRILLED**)

TARGET FORMATION: MARCELLUS
 ESTIMATED DEPTH: 8,332' TVD 13,240' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
 ADDRESS: 1300 FORT PIERPONT DRIVE SUITE 201
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITANY WOODY
 ADDRESS: 1300 FORT PIERPONT DRIVE SUITE 201
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

CHARLESTON, WV 25034
 OFFICE OF OIL & GAS
 801 57TH STREET
 WDEP

UNITED STATES TOPOGRAPHIC MAPS
 (+) DENOTES LOCATION OF WELL ON DEGREE OF ACCURACY: 1/500

ELEVATION: (NAD 88, US FT)
 SOURCE OF GRADE GPS
 PROVEN SURVEY

API WELL #: 47 089 00251
 STATE COUNTY PERMIT

OPERATOR'S WELL #: 201H
 BRIAN DYCKO OHI
 Production Company, LLC Production Company, LLC

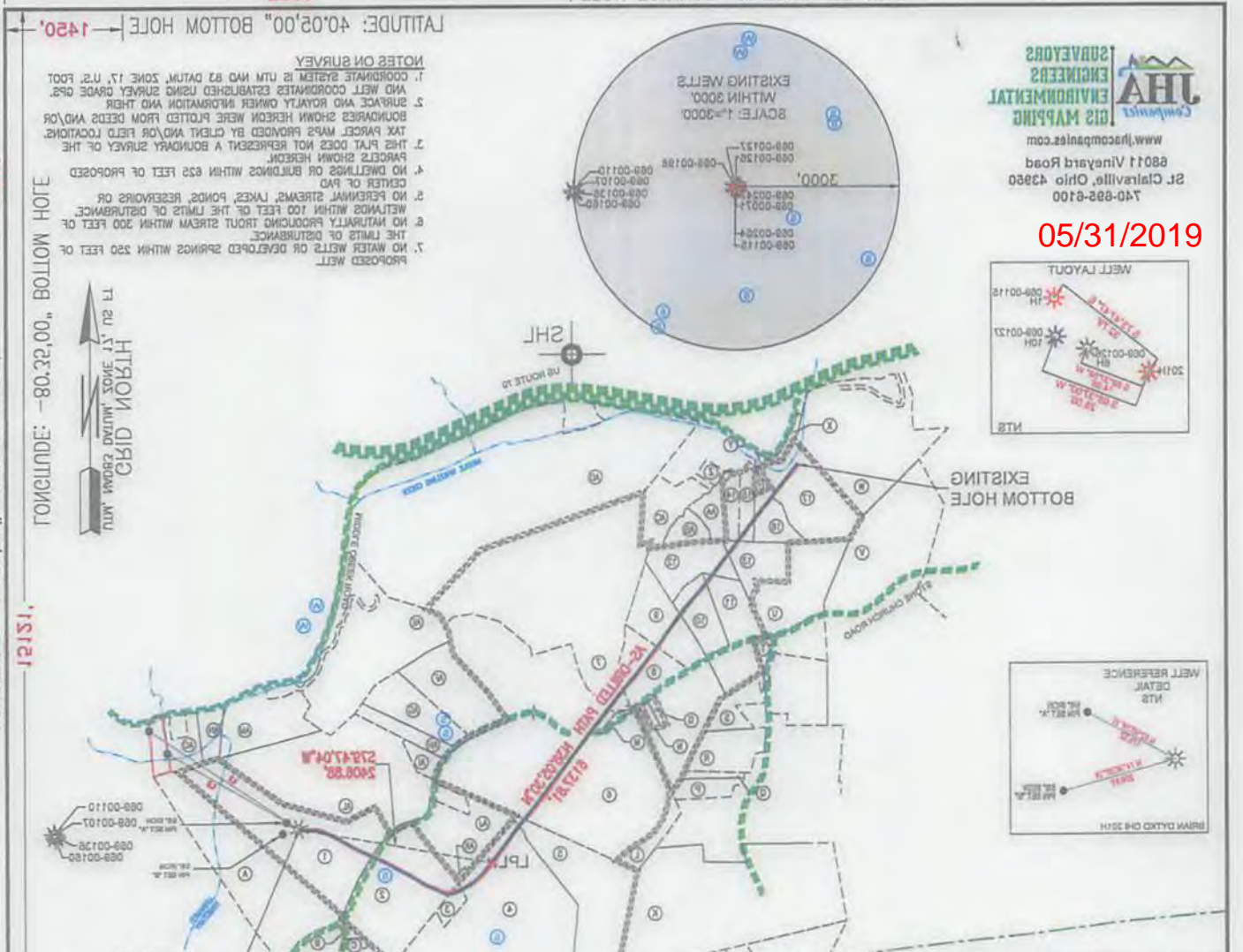
COMPANY: **swm**
swm Production Company, LLC
 4700 Vt



LINE	BEARING	DISTANCE
L1	S89°42'14"W	2108.28'
L2	S80°03'23"W	1882.81'

GRAPHIC SCALE IN FEET
 0 2000 5000

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): EASTING: 823448.88 NORTHING: 443181.49	SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): EASTING: 823448.88 NORTHING: 443181.53
LANDING POINT LOCATION (L.P.L.): UTM (NAD83, ZONE 17, METERS): EASTING: 823273.24 NORTHING: 443102.40	LANDING POINT LOCATION (L.P.L.): UTM (NAD83, ZONE 17, METERS): EASTING: 823247.70 NORTHING: 443100.23
BOTTOM HOLE LOCATION (B.H.L.): UTM (NAD83, ZONE 17, METERS): EASTING: 821848.00 NORTHING: 442847.71	BOTTOM HOLE LOCATION (B.H.L.): UTM (NAD83, ZONE 17, METERS): EASTING: 821852.88 NORTHING: 442847.52



LATITUDE: 40°05'30" SURFACE HOLE
 LATITUDE: 40°05'00" BOTTOM HOLE
 LONGITUDE: -80°32'30" SURFACE HOLE
 LONGITUDE: -80°32'00" BOTTOM HOLE

JHA
 ENVIRONMENTAL
 GIS MAPPING
 www.jhacompaines.com
 88011 Vineyard Road
 St. Clairsville, Ohio 43980
 740-892-6100



05/31/2019



WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	BRIAN J DYTKO (S)/(R)	06-T18-0004.0001	41.00
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
2	CHARLES D. FISCHER, JR.	06-T18-0004.0000	32.90
3	TIMOTHY LEE KERCHER & G. E. KERCHER	06-T18-0002.0001	2.003
4	ROGER A. WHITE AND LISA J. WHITE	06-T18-0002.0000	87.809
5	HAROLD R. III GARRETT & CONNIE A. GARRETT	06-T18-0001.0001	36.10
6	PAUL PAVILACK	06-T13-0001.0000	109.84
7	MIDDLE CREEK GARAGE, INC.	06-T13-0003.0000	80.38
8	NORMA J. FARROW & J.R. FARROW	06-T12-0051.0000	26.23
9	WESBANCO TRUST & INVESTMENT	06-T12-0047.0000	12.21
10	DARLENE HUNTER	06-T12-0046.0002	7.89
11	RICHARD L. PELLARIN	06-T12-0046.0000	14.76
12	CAROL L. CONNOR	06-T12-0052.0000	11.50
13	TAMMY J. HACKENBERG	06-T12-0045.0000	9.03
14	TAMMY J. HACKENBERG	06-T12-0035.0000	2.81
15	E F KOEHL JR & D R KOEHL	06-T12-0034.0000	4.21
16	GERALD N MARSHALL	06-T12-0033.0001	4.80
17	SCOTT D KULL & CATHERINE J KULL	06-T12-0032.0000	17.63

05/31/2019



ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	THERESA L BLATT	06-T18-0017.0000	0.799
B	GREGORY W & J F GARDNER	06-T18-0025.0000	0.80
C	FRANCIS R MALTESE JR	06-T18-0026.0000	1.00
D	D G & B A REINKE	06-T18-0005.0000	10.33
E	PEARL A TAYLOR	12-2-21	5.00
F	HANS SCHMIDT	12-2-20	0.553
G	PEARL A. TAYLOR	12-2-19	2.905
H	JAMES AND CAROL LITMAN	12-2-1	91.641
I	PATRICK J. LENZ AND NIKKI J. LENZ	12-1-46	47.66
J	PATRICK J. LENZ AND NIKKI J. LENZ	06-T17-0013.0001	15.77
K	ROBERT H & M J DAVIS	06-T17-0013.0000	71.540
L	HAROLD R. GARRETT	06-T18-0001.0001	34.680
M	HILLTOP COMMUNITY ASSN	06-T13-0004.0000	0.050
N	KENNETH C HARTZELL	06-T12-0051.0002	0.75
O	KENNETH C HARTZELL	06-T12-0051.0001	0.75
P	STEVEN S.SACCO AND KELLEY B. SACCO	06-T17-0013.0011	3.62
Q	WILLIAM F. SACCO JR	06-T17-0013.0010	2.56
R	JACK E. & SUZANNE BARRY	06-T12-0050.0000	8.25
S	GARY V. & BRYANT AND L.P. BRYANT	06-T12-0048.0000	19.825
T	RICHARD L PELLARIN	06-T12-0046.0001	1.35
U	ROBERT L WOOD & C J RAPER	06-T12-0048.0003	18.85
V	RIDGE RUNNER FARM, LLC	06-T12-0014.0001	95.85
W	WEST VIRGINIA DEPART OF HWYS	06-T12-0031.0000	41.37
X	BOARD OF EDUCATION	07-TW6-0003.0000	6.13
Y	MARK A SINGER	06-T12-0033.0000	1.60
Z	PAUL W & V R BLAKE	06-T12-0038.0000	1.440
AA	CHERI & RANDY TAGGART	06-T12-0036.0000	4.272
AB	MOUNTAIN ESTATE BLAKE, LLC	06-T12-0037.0000	3.67
AC	BRADLEY W CLARK	06-T12-0044.0000	7.47
AD	OHIO VALLEY IND & BUS DEV CORP	06-T13-0026.0000	130.69
AE	JOHN W NOLAN SR ET AL	06-T13-0002.0002	42.45
AF	EDWARD MCCORD	06-T13-0002.0006	15.66
AG	JOHN EDWARD MCCORD	06-T13-0002.0003	12.10
AH	SETH AND HEATHER MCCORD	06-T13-0002.0004	4.30
AI	ROGER A & MARY K CLUTTER	06-T13-0002.0005	2.50
AJ	R.L. WHITE PROPERTIES, LLC	06-T18-0003.0002	16.296
AK	TIMOTHY LEE & G E KERCHER	06-T18-0003.0003	0.360
AL	WILLIAM G THOMAS	06-T18-0003.0000	46.50
AM	OK TRAILER COURT INC	06-T13-0005.0002	16.86
AN	ROBERT L JR & K S BOGARD	06-T13-0005.0007	4.07
AO	ROBERT L JR & K S BOGARD	06-T13-0005.0005	4.72

REVISIONS:	COMPANY:	 	
	OPERATOR'S	BRIAN DYTKO OHI	
	WELL #:	201H	
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
		DATE: 03-14-2019	API NO: 47-069-00251
		DRAWN BY: D. REED	SCALE: N/A
		DRAWING NO: 2017-300	WELL LOCATION PLAT

05/31/2019

WELL BORE TABLE FOR SURFACE \ ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) \ ROYALTY OWNER (R)	TAX PARCEL	ACRES
17	SCOTT D KULL & CATHERINE J KULL	08-112-0023.0000	13.83
18	GERALD H MARSHALL	08-112-0023.0001	4.80
15	E F KOEHL JR & D R KOEHL	08-112-0034.0000	4.21
14	TAMMY J HACKENBERG	08-112-0035.0000	2.81
13	TAMMY J HACKENBERG	08-112-0045.0000	8.03
12	CAROL J CONNOR	08-112-0052.0000	11.50
11	RICHARD J PELLARIN	08-112-0048.0000	14.78
10	DARLENE HUNTER	08-112-0048.0002	7.89
9	WESBANKO TRUST & INVESTMENT	08-112-0047.0000	12.21
8	NORMA J. FARROW & J.R. FARROW	08-112-0051.0000	28.23
7	MIDDLE GREEK GARAGE, INC.	08-112-0003.0000	80.28
6	PAUL PAVLACK	08-118-0001.0000	108.84
5	HAROLD R. III GARRETT & CONNIE A. GARRETT	08-118-0001.0001	26.10
4	ROGER A. WHITE AND LISA J. WHITE	08-118-0002.0000	87.808
3	TIMOTHY LEE KERCHER & G. E. KERCHER	08-118-0002.0001	2.003
2	CHARLES D. FISCHER, JR.	08-118-0004.0000	22.90
1	BRIAN J DYTKO (S)\(R)	08-118-0004.0001	41.00

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A0	ROBERT L JR & K S BOGARD	08-113-0008.0008	4.22
A1	ROBERT L JR & K S BOGARD	08-113-0008.0007	4.07
AM	OK TRAILER COURT INC	08-113-0008.0002	16.88
AL	WILLIAM G THOMAS	08-118-0003.0000	48.50
AK	TIMOTHY LEE & G E KERCHER	08-118-0003.0002	0.280
AJ	R.L. WHITE PROPERTIES, LLC	08-118-0003.0002	18.288
AI	ROGER A & MARY K CLUTTER	08-113-0002.0002	2.20
AH	SETH AND HEATHER MCCORD	08-113-0002.0004	4.20
AG	JOHN EDWARD MCCORD	08-113-0002.0002	12.10
AF	EDWARD MCCORD	08-113-0002.0008	12.88
AE	JOHN W NOLAN SR ET AL	08-113-0002.0002	42.45
AD	OHIO VALLEY IND & BUS DEV CORP	08-113-0028.0000	120.88
AC	BRADLEY W CLARK	08-112-0044.0000	7.47
AB	MOUNTAIN ESTATE BLAKE, LLC	08-112-0027.0000	2.87
AA	CHERI & RANDY TAGGART	08-112-0038.0000	4.22
Z	PAUL W & V R BLAKE	08-112-0038.0000	1.440
Y	MARK A SINGER	08-112-0032.0000	1.80
X	BOARD OF EDUCATION	07-TW8-0003.0000	8.12
W	WEST VIRGINIA DEPART OF HWYS	08-112-0021.0000	41.27
V	RIDGE RUNNER FARM, LLC	08-112-0014.0001	82.85
U	ROBERT L WOOD & C J RAFFER	08-112-0048.0002	18.85
T	RICHARD J PELLARIN	08-112-0048.0001	1.25
S	CARY V & BRYANT AND L.P. BRYANT	08-112-0048.0000	18.828
R	JACK E. & SUZANNE BARRY	08-112-0050.0000	8.25
Q	WILLIAM F. SACCO JR	08-117-0012.0010	2.28
P	STEVEN S.SACCO AND KELLEY B. SACCO	08-117-0012.0011	2.82
O	KENNETH C HARZELL	08-112-0051.0001	0.72
N	KENNETH C HARZELL	08-112-0051.0002	0.72
M	HILTOP COMMUNITY ASSN	08-112-0004.0000	0.850
L	HAROLD R. GARRETT	08-118-0001.0001	24.880
K	ROBERT H & M J DAVIS	08-117-0012.0000	21.240
J	PATRICK J. LENZ AND NIKKI J. LENZ	08-117-0012.0001	12.27
I	PATRICK J. LENZ AND NIKKI J. LENZ	12-1-48	42.88
H	JAMES AND CAROL LITMAN	12-2-1	81.841
G	PEARL A TAYLOR	12-2-19	2.902
F	HANS SCHMIDT	12-2-20	0.223
E	PEARL A TAYLOR	12-2-21	2.00
D	D & B A REINKE	08-118-0002.0000	10.23
C	FRANCIS R MALTESE JR	08-118-0028.0000	1.00
B	GREGORY W & J F GARDNER	08-118-0028.0000	0.80
A	THERESA L BLATT	08-118-0017.0000	0.788

				COMPANY:		REVISIONS:	
DATE: 03-14-2019 API NO: 47-088-00251 DRAWN BY: D. REED		BRIAN DYTKO OHI 201H		OPERATOR'S:			
SCALE: N/A DRAWING NO: 2017-300 WELL LOCATION PLAT		STATE: WV		COUNTY: OHIO		WELL #:	
PROPERTY NUMBER 2501182803 PWD ID 2001182843				DISTRICT: TRIADAPLHIA			