

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

API 47 - 069 - 00277 County OHIO District TRIADELPHIA
Quad WHEELING, WV Pad Name TIMMY MINCH-OHI-PAD1 Field/Pool Name PANHANDLE FIELD WT
Farm name TIMMY B. MINCH & AMY L. MINCH Well Number TIMMY MINCH OHI 206H
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 4,437,283.022 Easting 530,155.516
Landing Point of Curve Northing 4,436,813.855 Easting 529,508.625
Bottom Hole Northing 4,433,331.228 Easting 530,932.654

Elevation (ft) 1208.2' 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 05/18/2018 Date drilling commenced 09/09/2018 Date drilling ceased 09/23/2018
Date completion activities began 01/10/2019 Date completion activities ceased 03/24/2019
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 306' Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 619' Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 467' Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) N

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Reviewed

C. AD 9-9-19

Reviewed by:
9-9-19

API 47-069 - 00277 Farm name TIMMY B. MINCH & AMY L. MINCH Well number TIMMY MINCH OHI 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	24	20	126'	NEW	J-55/94#		Y
Surface	17.5	13.375	565'	NEW	J-55/54.5#	482' / 441'	Y
Coal							
Intermediate 1	12.25	9.625	1,917'	NEW	J-55/36#		Y
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.50	19,501'	NEW	HCP-110/20#		Y
Tubing		2.375	7,069'	NEW	L-80/4.7#		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	473	15.60	1.20	567.6	SURFACE	8
Coal							
Intermediate 1	CLASS A	742	15.60	1.19	882.98	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3,705	15.60	1.419	4,408.95	SURFACE	24
Tubing							

Drillers TD (ft) 19,542' Loggers TD (ft) 19,542'
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5,982'

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 _____ RECEIVED Office of Oil and Gas

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____ JUN 18 2019

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____ WV Department of Environmental Protection

API 47- 069 - 00277 Farm name TIMMY B. MINCH & AMY L. MINCH Well number TIMMY MINCH OHI 206H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>MARCELLUS</u>	<u>6,067'</u> TVD	<u>6,941'</u> 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

<u>LITHOLOGY/ FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<u>DEPTH IN FT NAME TVD</u>	<u>DEPTH IN FT TVD</u>	<u>DEPTH IN FT MD</u>	<u>DEPTH IN FT MD</u>	
	<u>0</u>		<u>0</u>		
	<u>SEE</u>	<u>ATTACHMENT</u>	<u>3</u>		

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 GORGANS MILL ROAD City THE WOODLANDS State TX Zip 77380

Cementing Company B J SERVICES
 Address 11211 FM 2920 City TOMBALL State TX Zip 77377

Stimulating Company HALLIBURTON ENERGY SERVICES
 Address 1485 MILNER ROAD, GATE 5A City HOUSTON State TX Zip 77032

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Please insert additional pages as applicable.

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Completed by BOBBY WILLIS Telephone 832-796-2884
 Signature  Title SENIOR REGULATORY ANALYST Date 6/17/2019

WV Department of
Environmental Protection

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

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	1/11/2019
Job End Date:	3/12/2019
State:	West Virginia
County:	Ohio
API Number:	47-069-00277-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	Timmy Minch OHI 206H
Latitude:	40.08528556
Longitude:	-80.64628499
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,247
Total Base Water Volume (gal):	18,965,552
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	70.60102	Density = 8.340
Water	Operator	Carrier	Water	7732-18-5	100.00000	15.15035	



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Ingredients	Listed Above	Listed Above							
			Water	7732-18-5	100.00000	0.80414			
			Water	7732-18-5	95.00000	0.17612			
FSTI-CI-01	FSTI	Corrosion Inhibitor		Listed Below					
				Listed Below					
15% HCl Acid	BJ Services	Acid		Listed Below					
				Listed Below					
Calcium Chloride	BJ Services	Salts		Listed Below					
				Listed Below					
CALCIUM CHLORIDE - FLAKE	Halliburton	Additive		Listed Below					
				Listed Below					
FRW-15A	BJ Services	Friction Reducer		Listed Below					
				Listed Below					
BE-9W	Halliburton	Biocide		Listed Below					
				Listed Below					
Excelerate LX-1	Halliburton	Friction Reducer		Listed Below					
				Listed Below					

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SCAL 16486A	Nalco	Scale Inhibitor		Listed Below				
FRW-18	BJ Services	Friction Reducer		Listed Below				
FSTI-IC-001	FSTI	Iron Control Agent		Listed Below				
SAND-PREMIUM WHITE-40/70	Halliburton	Proppant		Listed Below				
SAND-COMMON WHITE-100 MESH, SSA-2	Halliburton	Proppant		Listed Below				
FracCare SI-01	BJ Services	Scale Inhibitor		Listed Below				
HYDROCHLORIC ACID	Halliburton	Solvent		Listed Below				
Sand, White	BJ Services	Proppant		Listed Below				
BIOC11139A	BJ Services	Biocide						

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Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.		Listed Below					
	Crystalline silica, quartz	14808-60-7	100.00000	11.53924			
	Crystalline Silica (Quartz)	14808-60-7	100.00000	1.81727			
	Hydrochloric acid	7647-01-0	15.00000	0.11331			
	Hydrochloric acid	7647-01-0	15.00000	0.02987			
	Methanol	67-56-1	80.00000	0.02111			
	Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.02111			
	Polyacrylate	Proprietary	30.00000	0.02111			
	Fatty acid ester	Proprietary	5.00000	0.00704			
	Acetic acid	64-19-7	60.00000	0.00563			
	Calcium Chloride	10043-52-4	98.00000	0.00509			
	Petroleum Distillates	64742-47-8	30.00000	0.00381			
	Poly (acrylamide-co-acrylic acid) partial sodium salt	62649-23-4	30.00000	0.00381			
	Propylene glycol	57-55-6	60.00000	0.00381			
	Citric acid	77-92-9	40.00000	0.00375			
	Sodium chloride	7647-14-5	5.00000	0.00353			
	Ammonium chloride	12125-02-9	5.00000	0.00352			
	Sobitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00352			
	9-Octadecenamide, n,n-bis-2(hydroxy-ethyl)-,(Z)	93-83-4	5.00000	0.00352			
	Castor oil, ethoxylated	61791-12-6	5.00000	0.00352			
	Ethoxylated fatty acid	Proprietary	5.00000	0.00352			
	Amine Triphosphate	Proprietary	30.00000	0.00168			
	Ethylene Glycol	107-21-1	30.00000	0.00168			

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Denise Tuck,
Halliburton, 3000 N.
Sam Houston Pkwy E.,
Houston, TX 77032,
281-871-6226

			Benzyl-(C12-C16 Alkyl)- Dimethyl-Ammonium Chloride	68424-85-1	30.00000	0.00080	
			Sodium Chloride	7647-14-5	5.00000	0.00063	
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10.00000	0.00063	
			Calcium chloride	10043-52-4	100.00000	0.00054	
			Ammonium Chloride	12125-02-9	3.00000	0.00038	
			Glutaraldehyde	111-30-8	10.00000	0.00027	
			Fatty acids	Trade Secret	10.00000	0.00026	
			Ethoxylated Alcohol	68551-12-2	2.00000	0.00025	
			Oleamide DEA	93-83-4	2.00000	0.00025	
			Copolymer of Acrylamide and Sodium Acrylate	25987-30-8	40.00000	0.00018	
			Hydrotreated Light Distillate	64742-47-8	30.00000	0.00014	
			Ethanol	64-17-5	5.00000	0.00013	
			Sorbitan Monooleate	1338-43-8	5.00000	0.00009	
			Polyoxyethylene Sorbitan Monooleate	9005-65-6	0.50000	0.00006	
			Potassium chloride	7447-40-7	5.00000	0.00003	
			Strontium chloride	10476-85-4	5.00000	0.00003	
			Nonyl Phenol Ethoxylate	127087-87-0	5.00000	0.00002	
			Organo phosphorus salt	71050-62-9	5.00000	0.00000	

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* 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)



Attachment 3

Well Name: Timmy Minch OHI 206H

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	306.00	306.00	
Top of Salt Water	619.00	619.00	NA	NA	
Pittsburgh Coal	467.00	467.00	480.00	480.00	
Pottsville (ss)	634.00	634.00	663.00	663.00	
Raven Cliff (ss)	930.00	930.00	1378.00	1378.00	
Maxton (ss)	1378.00	1378.00	1624.00	1624.00	
Big Injun (ss)	1624.00	1624.00	6206.00	5648.00	
Rhinestreet (shale)	6178.00	5572.00	6497.00	5832.00	
Middlesex (shale)	6497.00	5832.00	6596.00	5903.00	
Burket (shale)	6596.00	5903.00	6623.00	5921.00	
Tully (ls)	6623.00	5921.00	6713.00	5973.00	
Mahantango (shale)	6713.00	5973.00	6941.00	6067.00	
Marcellus (shale)	6941.00	6067.00	NA	NA	GAS

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Latitude: 40°07'30" SURFACE HOLE 5952'

Latitude: 40°05'00" BOTTOM HOLE 3,458'

JACKSON SURVEYING INC.

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

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,437,283.022
EASTING: 530,155.443

LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,436,838.005
EASTING: 529,504.429

BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,433,331.786
EASTING: 530,925.790



Table with 2 columns: Location Name and UTM Coordinates (Northing, Easting). Rows include Surface Hole Location (SHL), Landing Point (LPL), and Bottom Hole Location (BHL).

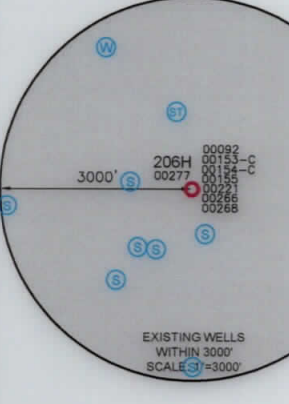
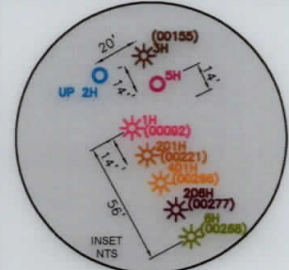
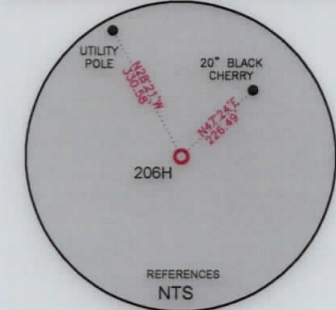


Table with 5 columns: Line, Bearing, Distance, Description, Monument. Contains three line segments (L1, L2, L3) with their respective bearings, distances, and descriptions.

WELL RESTRICTIONS

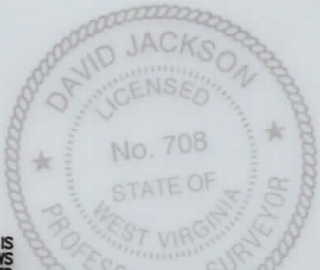
- List of 6 well restrictions including: 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD. 2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD. 3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.

NOTES ON SURVEY

- List of 4 notes on survey including: 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.

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 d. Jackson



COMPANY: SWN Production Company, LLC

(+) 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)

TIMMY MINCH OHI
OPERATOR'S WELL #: 206H
API WELL #: 47 069 00277
STATE COUNTY PERMIT

Well type and completion information: WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]. Includes watershed, district, county, surface owner, oil & gas royalty owner, drill type, convert type, target formation, well operator, and designated agent information.

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

Table with 2 columns: Legend and Revisions. Legend includes symbols for proposed surface hole, existing wellhead, landing point, existing water well, and existing spring. Revisions table includes date (03-06-2019), drawn by (N. MANO), scale (1" = 2000'), drawing no., and well location plat.



**JACKSON SURVEYING
INC.**

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

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	TIMMY B. MINCH & AMY L. MINCH (S/R)	06-T2-18
TRACT	SURFACE OWNER	TAX PARCEL
2	CHARLES MONFRADI & DOLORES MONFRADI (S)	04-R17-58
3	RICHARD P. CARTER (S)	04-R17-23.3
4	WILLIAM A. ORUM & CYNTHIA ORUM (S)	06-T7-178
5	WHEELING PARK COMMISSION (S)	06-T7-95
6	FRANCIS L. BRADEN (S)	06-T7-97
7	JAMES D. MILLER, JR. & CAROLINE KUJAR MILLER (S)	06-T7-117.2
8	JAMES D. MILLER, JR. & CAROLINE KUJAR MILLER (S)	06-T7-117.1
9	JAMES D. MILLER, JR. & CAROLINE KUJAR MILLER (S)	06-T7-117
10	PETERS RUN LAND COMPANY, INC. (S)	06-T7-118
11	DANIEL F. OCH (S)	06-T7-155
12	DANIEL F. OCH (S)	06-T7-156
13	JOHN J. CORBETT (S)	06-T7-163
14	JOHN J. CORBETT (S)	06-T12-5
15	MIDDLE CREEK GARAGE INC. (S)	07-TW1-19
16	MIDDLE CREEK GARAGE INC. (S)	07-TW1-20

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	JON BARRY & JAYMIE BARRY	04-R17D-3
B	V.J. SOVINSKI & H.G. SOVINSKI	04-R17D-28
C	J.G. DEEDS & M.K. GARRISON	04-R17D-30
D	L & B DEVELOPMENT, LLC	04-R17D-1
E	RONALD J. POCKL	06-T2-20.1
F	MORGAN A. WOJCHOWSKI	06-T2-20
G	SHAWN A. HODGSON & LESLIE G. HODGSON	04-R17-62
H	DANNY MINCH & GINA MINCH	04-R17-61
I	TIMMY B. MINCH & AMY L. MINCH	04-R17-63
J	JUNIPER LODGE, INC.	06-T2-19
K	M.D. ORUM, W.B. ORUM, ELDER B. PENNINGTON & K.D. ORUM	06-T2-19.1
L	MICHAEL D. ORUM & KENNETH D. ORUM	06-T7-135.1
M	JAMES D. MILLER, JR. & CAROLINE KUJAR MILLER	06-T7-112
N	YE OLDE COUNTRY CHURCH OF FAITH TRUSTEES	06-T7-112.2
O	JOHN T. CRISWELL & C.A. CRISWELL	06-T7-149
P	TERESA GELLNER HULS	06-T7-152
Q	RICHARD J. FITZPATRICK, SHERRI L. FITZPATRICK, & THOMAS W. FITZPATRICK	06-T7-153
R	KAYLA LENDON & JUSTIN LENDON	06-T7-154
S	JOHN T. CRISWELL & C.A. CRISWELL	06-T7-148.1
T	GARY R. WALTER & SUSAN L. WALTER	06-T7-148
U	STEVEN A. MOORE & LISA K. MOORE	06-T7-148.2
V	REGIS G. WENZEL & J.R. WENZEL	06-T7G-4
W	JAMES L. HEATH	06-T7G-3
X	DONALD N. HARRIS & J.A. HARRIS	06-T7-147.1
Y	DONALD JEFFREY HARRIS	06-T7-147
Z	DAVID J. SCHMID & E.T. SCHMID	06-T7-146
AA	KATHERINE M. PAPADIMITRIOU	06-T7-145
BB	KATHERINE M. FIGARETTI & ANTHONY F. FIGARETTI	06-T7-143.1
CC	KATHERINE M. FIGARETTI & ANTHONY F. FIGARETTI	06-T7-143
DD	GARY E. LAUDERMILT SR & MARY ANN LAUDERMILT	06-T7-142
EE	LYLE HEARN & KIMBERLIE HEARN	06-T7-173
FF	JOHN J. CORBETT	06-T7-163
GG	AUGUST J. HANSON & LISA M. HANSON	06-T7-163.20
HH	ROBERT W. GALBREATH & DEBRA J. GALBREATH	06-T7-163.11
II	THOMAS R. MORGAN & ANN Y. MORGAN	06-T7-163.5
JJ	ROGER L. KENT JR. & MELINDA J. KENT	06-T7-163.15
KK	ROGER L. KENT JR. & MELINDA J. KENT	06-T7-163.18
LL	TODD FULLERTON	06-T7-163.16
MM	ROBERT M. TUCKER & REBECCA E. TUCKER	06-T7-163.12
NN	GREGORY A. GAUDINO & ANNETTE M. GAUDINO	06-T7-163.13
OO	BUSAINA KHALIL	06-T7-163.7
PP	BUSAINA KHALIL	06-T7-163.6
QQ	JAMES SIMMS	06-T7-163.17
RR	CHARLIE A. BLISS SR. & MARY E. BLISS	06-T7-164
SS	CHARLIE A. BLISS SR. & MARY E. BLISS	06-T7-164.1
TT	WILLIAM JAY BRINKMEIER	06-T7-165.1
UU	OHIO VALLEY INDUSTRIAL & BUSINESS DEVELOPMENT CORPORATION	06-T7-166.1
VV	GREGORY J. GEORGE & JENNIFER S. GEORGE	06-T7-163.19
WW	MIDDLE CREEK GARAGE INC.	06-T7-166
XX	RANDY APOSTOLEC	07-TW1-1.1
YY	WOODROW J. KNOLLINGER, JR.	07-TW1-3.2
ZZ	MIDDLE CREEK GARAGE INC.	07-TW1-9
AAA	MIDDLE CREEK GARAGE INC.	06-T12-6
BBB	KEVIN S. KOSEM & BRENDA A. KOSEM	07-TW2-11
CCC	KEVIN S. KOSEM & BRENDA A. KOSEM	07-TW2-11.1
DDD	KEVIN S. KOSEM & BRENDA A. KOSEM	07-TW2-11
EEE	GLORIA MILLIKEN	07-TW2-8
FFF	DONALD L. SHAW	07-TW2-7

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
GGG	RICHARD PUSZ	07-TW2-6
HHH	RONALD A. BUMGARDENER	07-TW2-5
III	WHEELING JATC	07-TW2-4
JJJ	BDDE PROPERTIES LLC	06-T12-4
KKK	LEWIS E. MCGRATH SR & DOLORES I. MCGRATH	06-T7-126.3
LLL	JAY A. POWELL & LISA P. POWELL	06-T7-157
MMM	PETERS RUN LAND COMPANY INC.	06-T7-119
NNN	JAMES D. MILLER JR & CAROLINE K. MILLER	06-T7-117.3
OOO	CALVIN M. TAGGART & J.L. TAGGART	06-T7-125
PPP	JAMES D. MILLER, JR. & CAROLINE KUBAR MILLER	06-T7-67.1
QQQ	CHAD W. BROADWATER & REBECCA L. BROADWATER	06-T7-67.16
RRR	TOOD M. SCHIRTZINGER & JENNY S. SCHIRTZINGER	06-T7-67.17
SSS	WILLIAM O. LEWIS IV & CANDICE M. LEWIS	06-T7-67.19
TTT	THOMAS L. FOLMAR & DONNA LYNN FOLMAR	06-T7-67.18
UUU	FRANCES L. BRADEN	06-T7-67
VVV	JASON B. BIRCH & JESSICA L. BIRCH	06-T7-97.2
WWW	JONATHAN BRUCE WHARTON	06-T7-97.3
XXX	KENNETH SPENCER & STEPHANIE SPENCER	06-T7-67.6
YYY	GERALD BISCHOF & ROSETTA J. BISCHOF	06-T7-67.7
ZZZ	DEEDRA DAVIS	06-T7-67.5
AAAA	RONALD A. ZANDRON & PATRICIA L. ZANDRON	06-T7-67.8
BBBB	DALE A. FORESTER & CAROL ANN FORESTER	06-T7-67.9
CCCC	MARIO B. JULIAN & LOIS R. JULIAN	06-T7-67.13
DDDD	BENJAMIN ELLWOOD & DANIELLE ELLWOOD	06-T7-67.23
EEEE	CAYLA J. BLACK & MATTHEW D. BLACK	06-T7-67.10
FFFF	FRANCES L. BRADEN	06-T7-67
GGGG	EARL BRADEN & F.L. BRADEN	10-W56-3
HHHH	DONALD A. BRADEN & RHONDA L. BRADEN	06-T7-97.1
IIII	BOARD OF EDUCATION OF OHIO COUNTY	10-W56-1
JJJJ	BOARD OF EDUCATION OF OHIO COUNTY	10-W56-4
KKKK	WHEELING PARK COMMISSION	06-T2-17
LLLL	DONALD G. VILLANOVA & BECKY J. VILLANOVA	06-T2-16
MMMM	DONALD G. VILLANOVA & BECKY J. VILLANOVA	06-T2-15.2
NNNN	GLORIA KALB	06-T2-15.3
OOOO	GLORIA J. KALB	06-T2-14
PPPP	RICHARD P. CARTER & KIM M. CARTER	04-R17-23.1
QQQQ	CATHOLIC DIOCESE OF WHEELING - CHARLESTON	06-T2-11
RRRR	ROBERT J. SEEVERS & TAMI LOU SEEVERS C/O WESBANCO TRUST DEPT.	06-T2-2
SSSS	DAVID NHOGE GAUDINO & ANN C. GAUDINO	06-T2J-2
TTTT	SHASHI R. URVAL & MONISHA URVAL	06-T2J-1
UUUU	MATTHEW GOMPERS & VICTORIA GOMPERS	04-R17-10.2
VVVV	HARRY S. FISHER & BARBARA J. FISHER	04-R17-11.1
WWWW	HARRY S. FISHER & BARBARA J. FISHER	04-R17-11
XXXX	CARL D. BURKLAND III & JOLIN H. BURKLAND	04-R17-12
YYYY	CARL D. BURKLAND III & JOLIN H. BURKLAND	04-R17-13.1
ZZZZ	GUNTHER HEMPELMANN & M.E. HEMPELMANN	04-R17-13
AAAAA	COLUMBIA GAS TRANSMISSION CORP.	04-R17-15
BBBBB	GUNTHER F. HEMPELMANN & M.E. HEMPELMANN	04-R17-14
CCCCC	JEREMY A. SCHREIBER	04-R17-16
DDDDD	CRAIG V. OLEARY & EMMA L. OLEARY	04-R17-17
EEEEE	GEORGE F. BENEKE	04-R17-19
FFFFFF	THOMAS JOHN & MICHELLE JOHN	04-R17-20
GGGGG	NADA E. BENEKE	04-R17-22
HHHHH	SHANNON FIELDS, LLC	04-R17-23.2
IIIII	RICHARD D. BORDER, JR.	04-R17-58.5
JJJJJ	REX D. LASURE & N. A. ENDRIZZI	04-R17-58.4
KKKKK	REX D. LASURE & N. A. ENDRIZZI	06-R17-58.3
LLLLL	JAMES HOHMAN & M. HOHMAN	04-R17-58.2
MMMMM	TIMMY B. MINCH & AMY L. MINCH	04-R17-58.1
NNNNN	ROBERT WILLIAM MINCH, JR & BARBARA JEAN MINCH	04-R17-57.2

REVISIONS:	COMPANY:		
	 Production Company, LLC		 Production Company™
	OPERATOR'S	TIMMY MINCH OHI	API #
	WELL #:	206H	47-069-00277
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
			DATE: 03-06-2019
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2