

LATITUDE: 40°10'00" SURFACE HOLE (2000' SCALE)

LATITUDE: 40°07'30" BOTTOM HOLE (2000' SCALE)

7436'

LONGITUDE: 80°37'30" SURFACE HOLE (2000' SCALE)

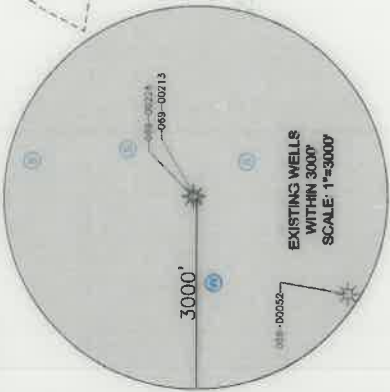
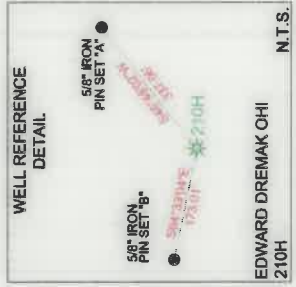
2226'

2956'

JHA Companies
ENGINEERS SURVEYORS ENVIRONMENTAL GIS MAPPING
www.jhacompanies.com

68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-8100

LINE	BEARING	DISTANCE
L1	S85°13'02"W	778.42'
L2	N78°51'21"W	793.04'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4445421.26 EASTING: 529668.95
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4445515.80 EASTING: 530252.62
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4441019.04 EASTING: 531658.59
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4445421.26 EASTING: 529668.95
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4445425.59 EASTING: 530247.58
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4440994.58 EASTING: 531665.64

NOTES ON SURVEY

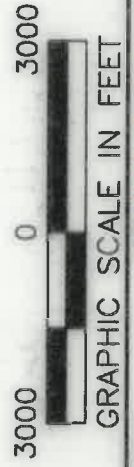
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS, SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES.
2. SHOWN - HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAN DOES 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 OTHER WATER BODIES WITHIN 300 FEET OF PROPOSED CENTER OF PAD.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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.



COMPANY: **SWN** **SWN** ^{PL} ^{AS} ^{V+}

Production Company, LLC Production Company™



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WYDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

OPERATOR'S WELL #: EDWARD DREMAK OHI 210H

API WELL #: 47 069 00320

STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH

DISTRICT: RICHLAND

SURFACE OWNER: ANDREW JOHN EVICK

OIL & GAS ROYALTY OWNER: EDWARD W. & JOANNE V. DREMAK

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

ELEVATION: 1,087.9'

QUADRANGLE: TILTONSVILLE, OH-WV & WHEELING, WV

ACREAGE: ±34.19

ACREAGE: ±34.19

ESTIMATED DEPTH: 5,929' TWD 21,694' TMD

DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DATE: 04-08-2020

API NO: 47-069-00320

DRAWN BY: R. GRIMES

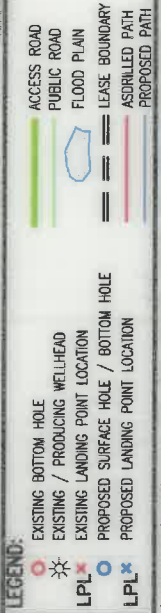
SCALE: 1" = 3000

DRAWING NO.: 2018-284

WELL LOCATION PLAT

COMPLETION ID 2501168633

PAD ID 3001165800



WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	TAX PARCEL
1	ANDREW JOHN EVICK (S) EDWARD W. & JOANNE V. DREMAK (R)	04-R5-54.0	
2	EDWARD W. & JOANNE DREMAK	04-R5-49.0	
3	WINDSOR POWER HOUSE COAL COMPANY	04-R8-08.1	
4	OHIO COUNTY BOARD OF COMMISSIONERS	04-R5-10.0	
5	OHIO COUNTY BOARD OF COMMISSIONERS	04-R5-55.0	
6	AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA, INC	04-R8-15.0	
7	TUNNEL RIDGE, LLC	04-R8-22.0	
8	AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA, INC	04-R8-61.0	
9	TUNNEL RIDGE, LLC	04-R8-61.4	
10	JOSEPH ELIAS	04-R12-01.0	
11	MICHAEL THOMAS & MICHELLE LYNN RATCLIFFE	04-R12-23.15	
12	SEAN P. & KATIE M. SMITH	04-R12E-23.29	
13	GREGORY J. & SHERRI L. POND	04-R12E-23.0	
14	LYNN M. KAMINSKI	04-R12J-45.0	
15	LORI JEAN HENRY	04-R12-07.0	
16	MICHAEL S. & SHEILA M. LITTLE	04-R12-13.0	
17	MULL W. QUAY, II TRUST	04-R12-12.0	

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	OHIO COUNTY BOARD OF COMMISSIONERS	04-R5-10.0
B	MARC SEMON	04-R6-02.0
C	SHORT CREEK COAL COMPANY	04-R6-17.3
D	SHORT CREEK COAL COMPANY	04-R6-17.0
E	MARC SEMON	04-R6-37.0
F	SHORT CREEK CEMETERY ASSOCIATION, TRUSTEES	04-R5-57.0
G	SHORT CREEK METHODIST CHURCH	04-R5-60.0
H	ROBERT L. & GWENDOLYN NOVAK	04-R5-59.0
I	ERIC W. & LISA N. GADD	04-R5-55.1
J	ERIC W. & LISA N. GADD	04-R5-55.3
K	LUTHER R., II & D.F. SMITH	04-R8-16.1
L	DELBERT E. & CAROL L. HUFFMAN	04-R8-16.2
M	DELBERT E. HUFFMAN, JR.	04-R8-18.4
N	LUTHER R., JR. & ELEANOR L. SMITH	04-R8-18.3
O	LUTHER R., JR. & E.L. SMITH	04-R8-18.1
P	JOHN E. HARKWAT	04-R8-18.2
Q	LUTHER R., JR. & E.L. SMITH	04-R9-14.4
R	HELEN M. PERRY (L/E) & ET AL	04-R9-14.2
S	HELEN M. PERRY (L/E) & ET AL	04-R9-14.1
T	JORDAN & GAYLE WEBER	04-R9-09.0
U	L.R. HOPKINS, JR. & R.F. DELATORE	04-R9-05.0
V	WILLIAM ISAC KNIIGHT & MEREDITH SERTICH	04-R9-03.7
W	DONNA MARTIN EVANS	04-R9-03.5
X	BETH ANNE KENNEDY	04-R9-03.4
Y	RCK 2 GROUP	04-R9-01.0
Z	WILLIAM H. & C.L. REUTHER	04-R9-02.0
AA	BRADFORD & NANNETTA HARTLEY	04-R9-01.3
AB	GREGORY TAGART	04-R9-50.0
AC	DOMINIC J. & SHERRIE D. COTTRELL	04-R12-19.30
AD	ROBERT C. & PATRICIA L. KOTA	04-R12-01.2
AE	MARK & LAURA DAWSON	04-R12-01.1
AF	ROBERT E. JONES LIVING TRUST	04-R12-18.0
AG	DANIEL & M. HARRIMAN	04-R12-18.2
AH	DANIEL & M. HARRIMAN	04-R12-18.1
AI	COLUMBIA GAS TRANSMISSION CORPORATION	04-R12-19.1
AJ	STEPHEN E. & DEBORAH E. KEDING	04-R12-19.21
AK	CARLEY & CHRISTOPHER ELSWICK	04-R12-21.0
AL	EDWARD A. & K.L. WOODS	04-R12-21.1
AM	LAWRENCE WITZBERGER, IV	04-R12-19.5
AN	WILLIAM & J.M. WITZBERGER	04-R12-23.2
AO	LAWRENCE W., III & J.C. WITZBERGER	04-R12-22.0
AP	MICHAEL L. & KATHY D. BARON	04-R12-23.8
AQ	GLORIA J. CHAROCCHI	04-R12-23.4
AR	LARRY E. PAUGH	04-R12-23.9
AS	E. JEBBIA, R. RUTTENBER & J. O'DELL	04-R12-23.5
AT	MATTHEW J. & TISHA L. PARCE	04-R12-23.6
AU	HARRY A., JR. & EDITH J. RUMIS, REVOCABLE TRUST	04-R12-23.0
AV	BRIAN K. & STACEY L. PAGE	04-R12-23.7
AW	LORI JEAN HENRY	04-R12-23.14
AX	LORI JEAN HENRY	04-R12-23.1
AY	LORI JEAN HENRY	04-R12-8999-9999
AZ	HENRY'S SERVICE STATION (LORI JEAN HENRY)	04-R12-28.1
BA	LORI HENRY (C/O: HENRY'S SERVICE STATION)	04-R12-29.0
BB	KAREN NOEL & SCOTT R. YOCUM	04-R12-45.17
BC	RYAN RIES & DANIELLE WASSAM	04-R12-45.20
BD	JOHN A. TARR, IV	04-R12-45.0
BE	JONATHAN D. LECHNER	04-R12-45.12
BF	JONATHAN D. LECHNER, MD	04-R12-46.1
BG	ROBERT L. & PATRICIA J. WEISS, IRREVOCABLE TRUST	04-R12-46.0
BH	ROBERT GAUDIO & CLARE MCDONALD	04-R12-11.0
BI	MULL W. QUAY, II TRUST	04-R12-10.14
BJ	MULL W. QUAY, II TRUST	04-R12-10.17
BK	WEST RENTALS, INC	04-R12-10.16

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BL	CHARLINE M. DOFKA (C/O: WESBRANCO TRUST)	04-R12J-46.0
BM	FRANK A. & K.E. JACKSON	04-R12J-40.0
BN	MICHAEL S. & SHEILA M. LITTLE	04-R12J-42.0
BO	ANN E. REAM	04-R12J-43.3
BP	MATTHEW & TINA L. MALETICH	04-R12J-43.14
BQ	TODD & COURTNEY MORRISON	04-R12J-43.5
BR	JAMES M. & C.L. MYER	04-R12J-51.0
BS	MICHAEL S. & SHEILA M. LITTLE	04-R12J-44.0
BT	STEPHANIE HELLER	04-R12J-50.0
BU	LYNN M. KAMINSKI	04-R12J-50.2
BV	RONALD A. & LYNN M. KAMINSKI	04-R12J-50.1
BW	STEPHANIE HELLER	04-R12J-47.0
BX	GREGORY J. & SHERRI L. POND	04-R12E-23.22
BY	BARRY L. SUTPHIN, JR.	04-R12E-23.20
BZ	ARLIE B. & M.L. MASSEY	04-R12E-23.21
CA	DANIEL S. TENNANT & MICHAELA R. JELLEN-TENNANT	04-R12E-23.24
CB	TIMOTHY J. & C.L. GILLIGAN	04-R12E-23.31
CC	ROBERT JEFFREY MUCHECK	04-R12E-23.30
CD	DEBRA LYNN SHELKE	04-R12E-23.19
CE	DAVID M. & K.S. WEYRAUCH	04-R12E-23.18
CF	RENEE A. & JOHN J., JR. BILLIE	04-R12E-23.23
CG	DEBORAH J. GRIFFITHS	04-R12E-23.15
CH	STEVEN M. & LORI J. MCGLUMPHY	04-R12E-23.13
CI	DAVID S. & DIAHANN M. FISHER	04-R12E-23.16
CJ	LARRY C. BOWMAN & ET AL	04-R12-06.0
CK	STEPHANIE CIPRIANI	04-R12-06.2
CL	DAVID J., JR. & Y.A. MILLER	04-R12-03.0
CM	MARY ANN BURKHART	04-R12-04.0
CN	RELYKS, LLC	04-R12-05.0
CO	MARY ANN ARMSTRONG	04-R12-02.0
CP	HOWARD L. & B.M. SHACKELFORD	04-R11-35.2
CQ	TUNNEL RIDGE, LLC	04-R12-01.3
CR	TUNNEL RIDGE, LLC	04-R11-34.3
CS	TUNNEL RIDGE, LLC	04-R11-34.12
CT	TUNNEL RIDGE, LLC	04-R8-61.2
CU	SANDCREST FOUNDATION, INC	04-R11-15.0
CV	TUNNEL RIDGE, LLC	04-R8-61.1
CW	TUNNEL RIDGE, LLC	04-R8-74.0
CX	TUNNEL RIDGE, LLC	04-R8-60.1
CY	TUNNEL RIDGE, LLC	04-R8-59.0
CZ	TUNNEL RIDGE, LLC	04-R8-22.1
DA	TUNNEL RIDGE, LLC	04-R8-60.0
DB	TUNNEL RIDGE, LLC	04-R8-58.0
DC	K.L. & R.J. HUFFMAN	04-R8-55.0
DD	TUNNEL RIDGE, LLC	04-R8-20.0
DE	TUNNEL RIDGE, LLC	04-R8-21.2
DF	TUNNEL RIDGE, LLC	04-R8-27.7
DG	TUNNEL RIDGE, LLC	04-R8-27.6
DH	TUNNEL RIDGE, LLC	04-R8-15.4
DI	CHARLES M. & M.M. MILLER	04-R8-15.3
DJ	STATE OF WEST VIRGINIA, DEPARTMENT OF TRANSPORTATION	04-R8-0
DK	DEBRA S. SHEPHERD	04-R8-15.2
DL	LOUIS R. HERCULES & ET AL	04-R8-07.0
DM	ALLIANCE RESOURCE GROUP, LLC	04-R8-06.0
DN	JUDITH K. TYLER	04-R8-08.8
DO	SAM L., JR. & AMY M. PELLEN	04-R8-08.0
DP	ARTHUR ENNIS, PEGGY CLARK & ALMA SINCAVICH	04-R8-09.0
DQ	MICHAEL W. DAVIS	04-R8-09.1
DR	EUNICE MAE DAVIS	04-R8-09.3
DS	HAROLD & EUNICE MAE DAVIS	04-R8-09.2
DT	JOYCE ANN FARLEY	04-R8-10.1
DU	JOYCE ANN FARLEY	04-R8-10.2
DV	BETTY L. SNYDER (C/O: PAULA MCGEE)	04-R8-10.0
DW	MARK D. MATTHIAS	04-R8-11.1
DX	MARK D. MATTHIAS	04-R8-11.0
DY	RHONDA J. ROBBINS	04-R8-13.2
DZ	RODNEY & A.J. SNYDER	04-R8-13.0
EA	RICKIE SNYDER	04-R8-14.0
EB	ALLIED WASTE, INC	04-R5-56.0
EC	ALLIED WASTE, INC	04-R5-56.2
ED	ALLIED WASTE, INC	04-R5-56.1
EE	OHIO COUNTY COMMISSION	04-R8-08.16
EF	TUNNEL RIDGE, LLC	04-R8-08.17
EG	TUNNEL RIDGE, LLC	04-R8-08.14
EH	TUNNEL RIDGE, LLC	04-R8-08.2
EI	SUSAN L. CHAIN	04-R8-08.3
EJ	TUNNEL RIDGE, LLC	04-R8-08.18
EK	ALLIANCE RESOURCE GROUP, LLC	04-R5-52.0
EL	ALLIANCE RESOURCE GROUP, LLC	04-R5-53.0
EM	WINDSOR COAL COMPANY	04-R5-50.0
EN	BRYAN K. & LAURA L. PETTIT	04-R5-55.4
EO	PATRICK DAVID & KRISTY ANN DEFRANCO	04-R12-17.0
EP	DAVID P. & KRISTY A. DEFRANCO	04-R12-23.3
EQ	DAVID P. & KRISTY A. DEFRANCO	04-R12-15.0
EO	KARIL LEE DONALDSON	04-R12-16.0

REVISIONS:

COMPANY:



OPERATOR'S

EDWARD DREMAK OHI

WELL #:

210H

DISTRICT:
RICHLAND

COUNTY:
OHIO

STATE:
WV

DATE: 04-08-2020

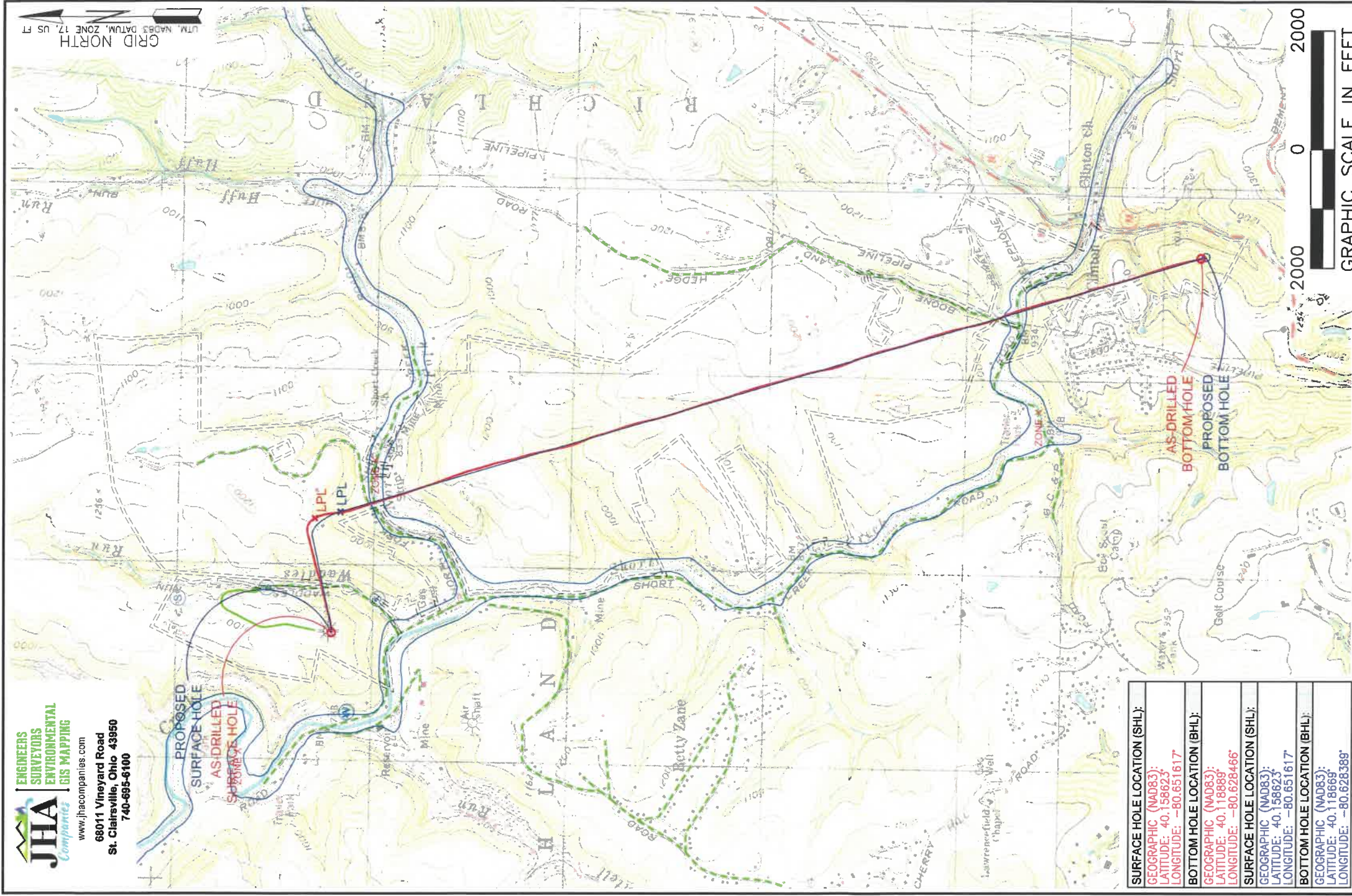
API NO: 47-069-00320

DRAWN BY: R. GRIMES

SCALE: N/A

DRAWING NO: 2018-284

WELL LOCATION PLAT



LEGEND:

- EXISTING BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- EXISTING LANDING POINT LOCATION
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- PROPOSED LANDING POINT LOCATION
- ACCESS ROAD
- PUBLIC ROAD
- FLOOD PLAIN
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

- NOTES ON SURVEY**
- SURFACE AND ROTARY 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.
 - ALL INSETS ARE GRID NORTH, UNLESS OTHERWISE DEPICTED.

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.158623°
LONGITUDE: -80.651617°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.118889°
LONGITUDE: -80.628466°
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.158623°
LONGITUDE: -80.651617°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.118669°
LONGITUDE: -80.628389°

WELL OPERATOR:	WELL (FARM) NAME:	WELL #	SERIAL #
SWN PRODUCTION COMPANY, LLC	EDWARD DREMAK OHI	210H	XXXX
ADDRESS:	COUNTY:	CODE:	DISTRICT:
1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	OHIO	069	RICHLAND
SURFACE OWNER:	USGS 7 1/2 QUADRANGLE MAP NAME:	API #	47-069-00320
ANDREW JOHN EVICK	TILTONSVILLE, OH-WV & WHEELING, WV		