

Latitude: 40°15'00" SURFACE HOLE 3785'

Latitude: 40°15'00" BOTTOM HOLE 7085'

# ELK LAKE SERVICES, LLC

280 Indian Springs Road,  
Suite 123 Indiana, PA 15701  
Phone: (724) 463-7303

### SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,451,759.14  
EASTING: 537,847.04

### LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,451,745.25  
EASTING: 537,288.41

### BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,453,297.92  
EASTING: 536,833.55

### SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,451,759.14  
EASTING: 537,846.86

### LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,451,629.59  
EASTING: 537,330.24

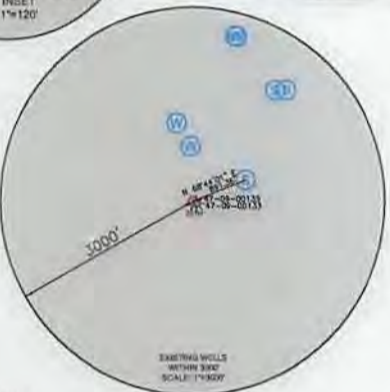
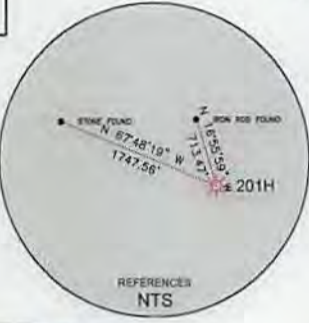
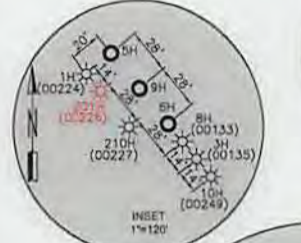
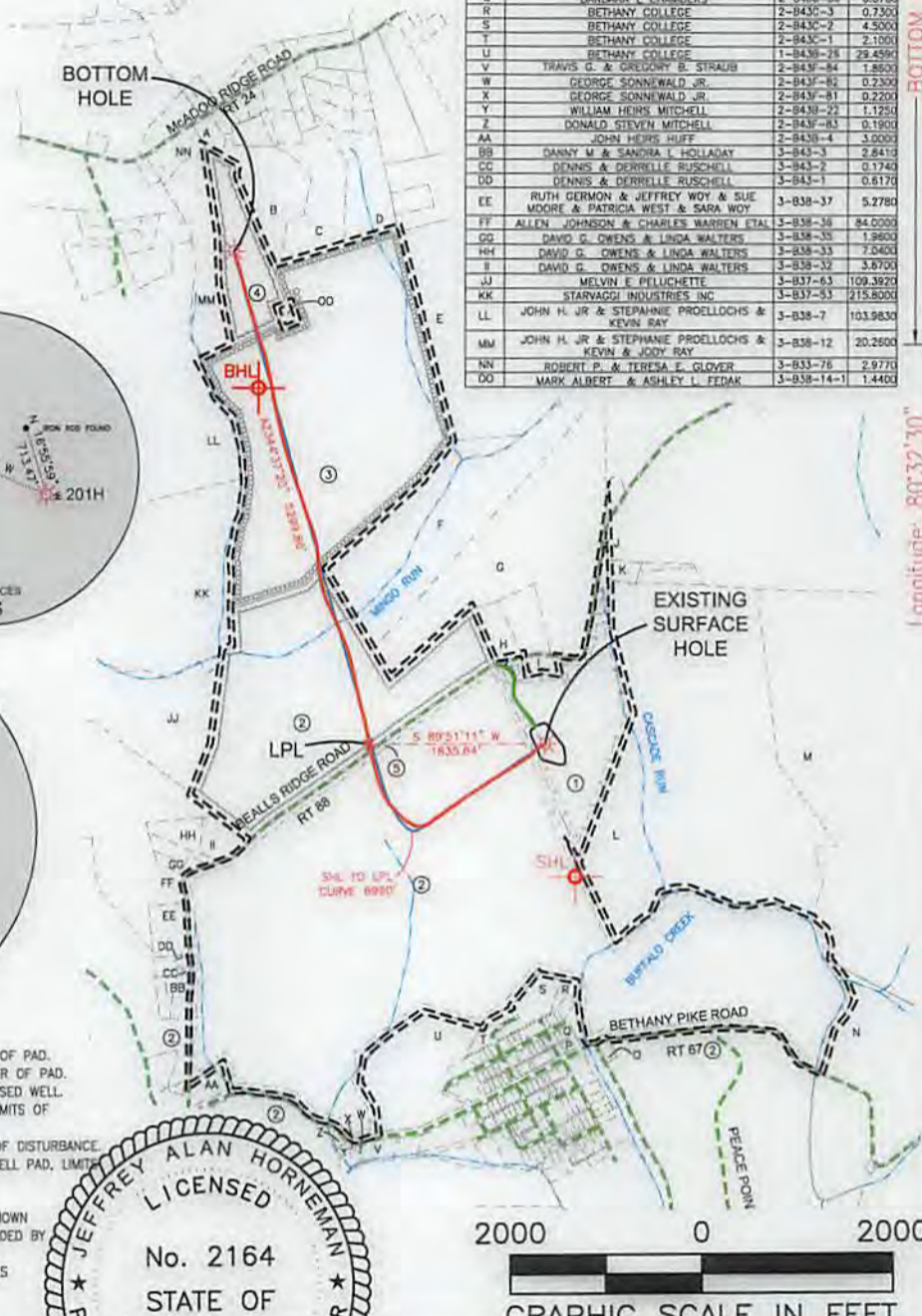
### BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,453,300.64  
EASTING: 536,830.19

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

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	KIMBERLY CARMAN WORTHLEY (S) COLONAL CORP, A NEVADA CORP, & KIMBERLY J. CARMAN AKA KIMBERLY J. WORTHLEY, A MARRIED WOMAN DEALING IN HER SASP (R)	3-838-27	40.00
2	BETHANY COLLEGE	3-838-31	822.28
3	MARK A. & GEORGIA M. FEDAK	3-838-14	142.57
4	MARK A. & GEORGIA M. FEDAK	3-838-13	18.74
5	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	BEALLS RIDGE ROAD	3.39

TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	ROBERT P. & TERESA E. GLOVER	3-833-77-3	1.5400
B	MARK A. & GEORGIA M. FEDAK	3-833-77	12.2300
C	MARK A. & GEORGIA M. FEDAK	3-833-77-2	14.1800
D	DALE C. JR. & DELVIRA HUSKEL	3-833-80	12.6100
E	SPORTSMAN FARMERS ASSN	3-838-17	101.0000
F	JEFFREY W. HENSLER	3-838-28	63.1000
G	JEFFREY W. HENSLER	3-838-27-1	60.4400
H	CHARLES F. & DONNA BROWN	3-838-30	4.1800
I	CARRINGTON MORTGAGE SERVICES, LLC	3-838-26	1.9500
J	MARK WEAVER OWEN & VIRGINIA BEALL KREUTZ	3-838-19	248.0000
K	LANCE M. ELSON	3-838-21	1.6180
L	KIMBERLY CARMAN WORTHLEY	3-838-25	136.0000
M	MARK WEAVER OWEN & VIRGINIA BEALL KREUTZ	3-838-24	188.0000
N	TRUST OF GENE CHARLES VALENTINE	3-843-28	478.4400
O	RICHARD FRANCIS GORBY	3-843-27	0.8600
P	JAMES & KATHLEEN KEEDAN	2-843-37	0.5000
Q	BARBARA L. CHAMBERS	2-843-36	0.3700
R	BETHANY COLLEGE	2-843-3	0.7300
S	BETHANY COLLEGE	2-843-2	4.5000
T	BETHANY COLLEGE	2-843-1	2.1000
U	BETHANY COLLEGE	1-8438-28	28.4590
V	TRAVIS G. & GREGORY E. STRAUB	2-843-34	1.8600
W	GEORGE SONNHWALD JR.	2-843-82	0.2300
X	GEORGE SONNHWALD JR.	2-843-81	0.2200
Y	WILLIAM HEIRS MITCHELL	2-8438-22	1.1250
Z	DONALD STEVEN MITCHELL	2-843-83	0.1900
AA	JOHN HEIRS HUFF	2-8438-4	3.0000
BB	DANNY M. & SANDRA L. HOLLADAY	3-843-3	2.8410
CC	DENNIS & DERRELLE RUSCHELL	3-843-2	0.1740
DD	DENNIS & DERRELLE RUSCHELL	3-843-1	0.6170
EE	RUTH GERMON & JEFFREY WOY & SUE MOORE & PATRICIA WEST & SARA WOY	3-838-37	5.2780
FF	ALLEN JOHNSON & CHARLES WARREN ETAL	3-838-38	84.0200
GG	DAVID G. OWENS & LINDA WALTERS	3-838-35	1.9800
HH	DAVID G. OWENS & LINDA WALTERS	3-838-33	7.0400
II	DAVID G. OWENS & LINDA WALTERS	3-838-32	3.8700
JJ	MELVIN E. PELUCHETT	3-837-63	109.3820
KK	STARVAGGI INDUSTRIES INC	3-837-53	215.8000
LL	JOHN H. JR. & STEPHANIE PRODELLOCHS & KEVIN RAY	3-838-7	103.9830
MM	JOHN H. JR. & STEPHANIE PRODELLOCHS & KEVIN & JODY RAY	3-838-12	20.2600
NN	ROBERT P. & TERESA E. GLOVER	3-833-76	2.9770
OO	MARK ALBERT & ASHLEY L. FEDAK	3-838-14-1	1.4400



### WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
- WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 891 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS ARE WITHIN THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- 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

- 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.
  - ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
  - WELLBORE PARCELS ARE DESIGNATED WITH UNIQUE LINE TYPES.
- 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.



COMPANY: **SWN** Production Company, LLC

WORTHLEY BRK

OPERATOR'S WELL #: 201H

API WELL #: 47 009 00226

STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1156.51'

DISTRICT: BUFFALO COUNTY: BROOKE COUNTY QUADRANGLE: BETHANY

SURFACE OWNER: KIMBERLY CARMAN WORTHLEY ACREAGE: ±40.00

OIL & GAS ROYALTY OWNER: COLONAL CORP, A NEVADA CORP, & KIMBERLY J. CARMAN AKA KIMBERLY J. WORTHLEY, A MARRIED WOMAN DEALING IN HER SASP ACREAGE: ±40.00

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: 6,013' TVD 12314' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT DR STE 201 ADDRESS: 1300 FORT PIERPONT DR STE 201

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 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
- DRILLING UNIT
- LEASE BOUNDARY
- EXISTING PATH
- PROPOSED PATH

REVISIONS:

	DATE: 01-09-2019
	FILE NO: 17-02
	DRAWN BY: JMB
	SCALE: 1" = 2000'
	DRAWING NO: 1
	WELL LOCATION PLAT 1