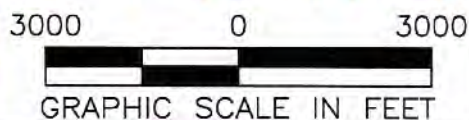
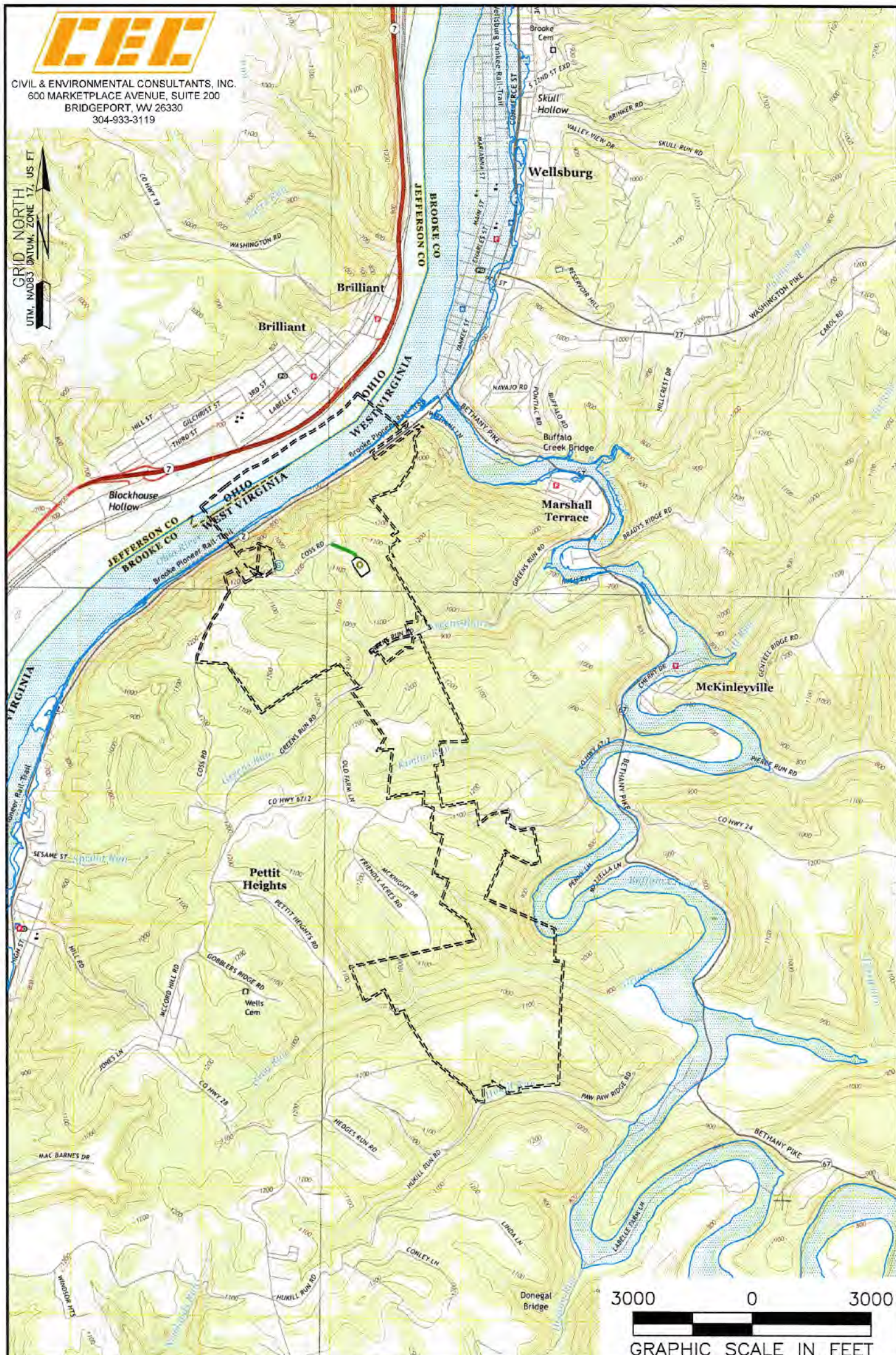




CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
 600 MARKETPLACE AVENUE, SUITE 200  
 BRIDGEPORT, WV 26330  
 304-933-3119

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



**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
- LPL LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: VIOLET COSS BRK	WELL # 6H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201 MORGANTOWN, WV 26508	COUNTY - CODE BROOKE - 009	DISTRICT; BUFFALO	
SURFACE OWNER: LINDA COEN (LIFE ESTATE-VIOLET L COSS)	USGS 7 1/2 QUADRANGLE MAP NAME STUEBENVILLE EAST, WV		

Longitude: 80°35'00"

SURFACE HOLE 10816'

Longitude: 80°35'00"

BOTTOM HOLE 6012'



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26350
304-933-3119



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



Table with 5 rows: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), TURNING POINT 1 (TP 1), TURNING POINT 2 (TP 2), BOTTOM HOLE LOCATION (BHL). Each row lists UTM coordinates.

WELL RESTRICTIONS

- 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 2,068 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 800 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. 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

- 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.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

3000 0 3000



GRAPHIC SCALE IN FEET

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. 991



COMPANY:

SWN

SWN logo with red star

Production Company, LLC Production Company™

(+) 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)

VIOLET COSS BRK
OPERATOR'S WELL #: 6H
API WELL #: 47 009 00240
STATE COUNTY PERMIT

WELL TYPE: OIL [ ] WASTE DISPOSAL [ ] PRODUCTION [x] DEEP [ ] GAS [x] LIQUID INJECTION [ ] STORAGE [ ] SHALLOW [x]
WATERSHED: UPPER OHIO WHEELING
DISTRICT: BUFFALO COUNTY: BROOKE
SURFACE OWNER: LINDA COEN (LIFE ESTATE-VIOLET L COSS)
OIL & GAS ROYALTY OWNER: VIOLET L COSS
DRILL [x] DRILL DEEPER [ ] REDRILL [ ] FRACTURE OR STIMULATE [x] PLUG OFF OLD FORMATION [ ] PERFORATE NEW FORMATION [ ]
CONVERT [ ] PLUG & ABANDON [ ] CLEAN OUT & REPLUG [ ] OTHER CHANGE [ ] (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,875 TVD 23,110 TMD

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

Table with 2 columns: LEGEND (Proposed Surface Hole, Existing Wellhead, Landing Point, Existing Water Well, Existing Spring, Surveyed Boundary, Drilling Unit, Lease Boundary, Proposed Path) and REVISIONS/DATE



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
800 MARKETPLACE AVENUE, SUITE 200  
BRIDGEPORT, WV 26330  
304-933-3119

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	EVERETT ALAN COEN, LORRIE ELLEN WOOLWINE, MELINDA WOOLWINE, MICHAEL TODD COEN (S&R)	3-B32-25	224.303
2	HFS LIMITED LIABILITY COMPANY	3-B27-12	67.95
3	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	3-B27-11	
4	BROOKE CO. RT. 2		
5	CAMPBELL TRANSPORTATION COMPANY, INC.	3-B27-10	12.48
6	STATE OF WEST VIRGINIA		
7	HFS LIMITED LIABILITY COMPANY	3-B32-24	2.00
8	HFS LIMITED LIABILITY COMPANY	3-B32-23	2.00
9	COSS ROAD FARM, LLC	3-B31-114	183.23
10	GREEN RUN ROAD		
11	CAROLYN SUE WALNOHA	3-B32-17	4.00
12	MARY CATHERINE WALNOHA	3-B32-18	2.00
13	JOSEPH G. VINDERMAN, JR., JERRY VINDERMAN, DAVID G. VINDERMAN AND LINDA J.R. VINDERMAN, ARNOLD VINDERMAN, LAWRENCE VINDERMAN, GEORGE VINDERMAN, THERESA MCQUILLAN	3-B32-13	43.38
14	MASLO FARMS, LLC	3-B32-19	59.66
15	RALPH G. JOHNSTON; ROBERT JOHNSTON; KENNETH D. JOHNSTON, DANIEL JOHNSTON, ET AL.	3-B32-180	39.862
16	JACK M. KLAGES, SR	3-B32-140.1	5.90
17	MC CORD HILL ROAD		
18	CITY OF WELLISBURG COMBINE WATER AND SEWER BOARD	3-B32-140.2	89.58
19	SCHIAPPA AND COMPANY INC	3-B37-22	145.963
20	SCHIAPPA AND COMPANY INC	3-B37-23	90.91
21	DEBRA F. CYPHERT; MATTHEW H. FAIR; SUSAN BRUFFY, RICHARD HENTHORN	3-B37-91	93.93
22	DEBRA F. CYPHERT; MATTHEW H. FAIR; SUSAN BRUFFY, RICHARD HENTHORN	3-B37-88	59.95

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	DANIEL P. LOMBARDI	3-B27K-211	6.62
B	NORMA JEAN LILLY, WIDOW	3-B27-17	45.72
C	GERTRUDE LOUISE MCSHANE ROBIE & PATRICK J. MCSHANE, TRUSTEE	3-B32-29	84.79
D	TONY J. CASTILLO; RICHARD R. OSTRANDER (S)	3-B32-28	20.83
E	TONY J. CASTILLO; RICHARD R. OSTRANDER (S)	3-B32-27	10
F	JAMES SCOTT GEAR	3-B32-26	3.11
G	WILLIAM & CAROLYN WALNOHA (S)	3-B32-14	1.34
H	JOHN PORTER & BRIGITTE ROGERS (S)	3-B32-15	0.568
I	DOROTHY L. STEVENS	3-B32-16	2.09
J	RUTH BERNADINE HART	3-B32-22.01	0.262
K	WALNOHA WILLIAM RUSSELL; HART RUTH; THARP MARY FRANC	3-B32-22	0.244
L	WILLIAM RUSSELL WALNOHA	3-B32-22.02	0.259
M	PENNY HAMILTON	3-B32-12	0.5
N	PENNY HAMILTON	3-B32-11	8.5
O	SCHIAPPA AND COMPANY INC.	3-B32-9	232.6
P	LILLIAN L MCCORD EST (S)	3-B32-185	38.42
Q	CHARLES M. & BARBARA J. TREDWAY	3-B32-186	3.0
R	ROBERT G. TREDWAY JR.	3-B32-188	42.01
S	KAREN L. REINACHER	3-B32-187	2.00
T	DONALD C. BURKHART	3-B32-191	7.24
U	JOSEPH P. LIZON III & ERIC REBECCA NIXON (S)	3-B32-192	19.40
V	CITY OF WELLISBURG COMBINE WATER AND SEWER BOARD	3-B32-192.2	0.619
W	REBECCA UHLY	3-B32-139	27.805
X	KEVIN R. & SANDRA A. COLLINS (S)	3-B32-130	24.04
Y	KEVIN & BRIDGET KOSUT	3-B37-42	34.259
Z	JAMIE OHLER	3-B37-43	29.00
AA	MARK A. CHRISTMAN	3-B37-45	110.58
BB	WILLIAM E. & HAZEL E. JOHNSTON	3-B37-50	166.50
CC	ROBERT O. BONE	3-B37-81	81.99
DD	VEMURI HOME & GARDEN, LLC	3-B37-82	1.00
EE	BRIAN K. & GINA M. HANEY (SURV)	3-B37-77	50.75
FF	LINDA REEVES GREATHOUSE, VICKI HAMILTON	3-B37-87	322.84
GG	ROBERT BONE	3-B37-89	0.78

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
HH	JESSICA ANN KOREN AND ROBERT BONE	3-B37-90	2.014
II	CHRISTOPHER SCOTT MILLER	3-B37-94	24.20
JJ	KENIN CHUMNEY	3-B37-93	5.91
KK	DONALD G. CONAWAY	3-B37-92	3.97
LL	WAYNE ALLEN RICHMOND	3-B37-96	19.67
MM	VICKIE C. & SHEENA R. LOUGHERY (S)	3-B37-103	40.00
NN	RALPH JR & CAROL J. WALNOHA	3-B37-34	6.787
OO	RALPH JR & CAROL J. WALNOHA	3-B37-33	0.80
PP	JAMES W. & LISA GIBSON (S)	3-B37-28	4.06
QQ	HARLEY J. LEMASTERS	3-B37-21	31.17
RR	THOMAS & CAROLYN CARBASHO (S)	3-B37-16	7.29
SS	THOMAS & CAROLYN CARBASHO (S)	3-B37-15	5.00
TT	JAMES W. & DENISE L. MYERS (S)	3-B37-14	5.00
UU	HARLEY J. LEMASTERS	3-B37-13	33.54
VV	BOYD NILA; MCCORD CLINTON; JOHN JOHN; REBA; JONES CA	3-B32-146	29.057
WW	NILA MCCORD BOYD	3-B32-142	5.09
XX	KENNETH D. JOHNSTON	3-B32-141	4.91
YY	KENNETH D. JOHNSTON	3-B32-184	3.85
ZZ	ROBERT A. JOHNSTON, RALPH G. JOHNSTON, JOYCE A. BRADY, BRIAN W. JOHNSTON, DANIEL L. JOHNSTON, KENNETH D. JOHNSTON	3-B32-179	1.17
AAA	LILLIAN L MCCORD	3-B32-178	0.709
BBB	MICHAEL & MELISSA BILAK	3-B32-174	21.83
CCC	MASLO FARMS LLC A PENNSYLVANIA LLC	3-B32-20	78.86
DDD	CHARLES D. BLACKBURN	3-B32-21	10.00
EEE	KEITH R. FRANCIS	3-B31-113	26.33
FFF	THOMAS & PAULINE SALEM	3-B31-138	7.73
GGG	RODGER & CONNIE SUMMERS	3-B31-137	11.35
HHH	JERRY C. & ANGEL L. MCCLELLAND	3-B31-136	9.18
III	CURTIS R. & DONNA J. BARONIO (S)	3-B31-135	7.32
JJJ	RONALD C. PARKS	3-B31-134	8.15
KKK	ROBERT J. SR. & MARGARET E. STEWART (S)	3-B31-133	7.88
LLL	ROBERT J. SR. & MARGARET E. STEWART (S)	3-B31-132	7.39
MMM	RAY WALNOHA	3-B31-115	9.27
NNN	AUDREY L. HOLDEN	3-B31-116	0.736
OOO	BARBARA A. TAYLOR	3-B31-117	5.0
PPP	COSS ROAD FARM, LLC	3-B31-118	17.18
QQQ	COSS ROAD FARM, LLC	3-B31-119	5.35
RRR	EDWARD MACIAK	3-B31-120	1.37
SSS	JAMES L. & SONDR A. ELLIOTT	3-B31-121	5.48
TTT	HFS LIMITED LIABILITY COMPANY	3-B31-1	23.87
UUU	CAMPBELL TRANSPORTATION COMPANY INC.	3-B27-8	0.41
VVV	GREG PROVENZANO	3-B27-9	0.09
WWW	JESSICA ANN KOREN & ROBERT BONE	3-B37-90.1	0.119

API WELL #: **47 009**  
STATE COUNTY PERMIT

REVISIONS:	COMPANY:		
	OPERATOR'S		
	WELL #:	VIOLET COSS BRK	DATE: 11-18-2019
	DISTRICT:	6H	DRAWN BY: K.E.S.
	COUNTY:	BUFFALO	SCALE: N/A
	STATE:	BROOKE	DRAWING NO: 172-287
		WV	WELL LOCATION PLAT 2