

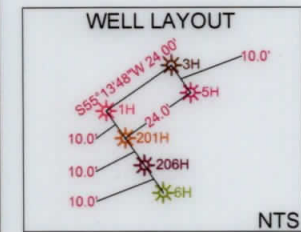
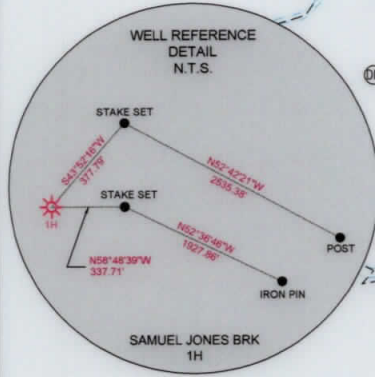


68011 Vineyard Road  
St. Clairsville, Ohio 43950  
740-695-6100

LATITUDE: 40°15'00" SURFACE HOLE ← 5444'

LATITUDE: 40°15'00" BOTTOM HOLE

9232'



<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4448995.34 EASTING: 537355.59
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4448885.06 EASTING: 537149.44
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4451142.49 EASTING: 536211.08
<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4448995.34 EASTING: 537355.59
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4448945.06 EASTING: 537119.29
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4451141.66 EASTING: 536209.72

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



(+) 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)

COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

SAMUEL JONES BRK  
OPERATOR'S WELL #: 1H  
API WELL #: 47 STATE 009 COUNTY 00262 PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,204.2'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: BETHANY, WV

SURFACE OWNER: SAMUEL E. & JUDITH F. JONES ACREAGE: ±164.74

OIL & GAS ROYALTY OWNER: RESOURCE MINERAL HEADWATER I, LP ACREAGE: ±164.74

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: 6,090' TVD 14,450' TMD

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

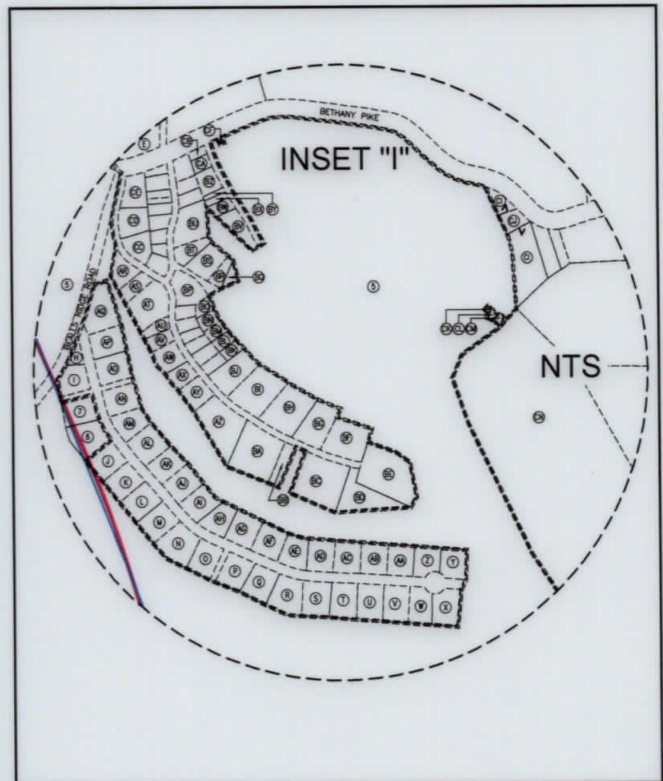
DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

<b>LEGEND:</b> ● EXISTING BOTTOM HOLE ⊙ EXISTING SPRING ⊙ EXISTING WATER WELL ⊙ EXISTING / PRODUCING WELLHEAD LPL ⊙ EXISTING LANDING POINT LOCATION ⊙ PROPOSED SURFACE HOLE / BOTTOM HOLE LPL ⊙ PROPOSED LANDING POINT LOCATION	<b>REVISIONS:</b>	DATE: 12-13-2019 API NO: 47-009-00262 DRAWN BY: D. REED SCALE: 1" = 2000' DRAWING NO: 2019-0265 WELL LOCATION PLAT
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WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	SAMUEL E. & JUDITH F. JONES (S) RESOURCE MINERALS HEADWATER I, LP (R)	03-B43-60
TRACT	SURFACE OWNER	TAX PARCEL
2	ANNA MAE NORDEN	03-B48-22
3	BRIAN DAVID CORWIN	03-B43-22
4	BRIAN DAVID CORWIN (L/E: MARION PYLE STONE)	03-B43-25
5	BETHANY COLLEGE	03-B38-31
6	JOHN M. LIPINSKI	02-B43F-04
7	RICHARD L. & FELICITY RUGGIERO	02-B43F-03
8	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	BETHANY PIKE
9	BETTIE BECK LEONETTI	03-B43-05

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	ALLEN JOHNSON, WARREN JOHNSON, CHARLES JOHNSON & ET AL	03-B38-36
B	RUTH GERMON, JEFFREY WOY, SUE MOORE, PATRICIA WEST & SARA WOY	03-B38-37
C	DANNY M. & SANDRA L. HOLLADAY	03-B43-03
D	GARLAND KISNER	03-B43-04
E	BETHANY COLLEGE	03-B38-31
F	TRUSTEES OF BETHANY COLLEGE	02-B43B-01
G	YVONNE B. MYERS	02-B43B-02
H	BETHANY COLLEGE	02-B43F-10
I	WILFRID W. CSAPLAR & SAKUNTHALA W. GUNASEGARAM	02-B43F-02
J	LINDA GRAHAM	02-B43F-05
K	ROBERT P., JR. & PENNY K. RAHR	02-B43F-06
L	FRANK M. & MARIAN REVEN	02-B43F-07
M	JOSEPH P. & BARBARA A. PETTINI	02-B43F-08
N	JOHN THOMAS & ANNE E. BURNS	02-B43F-09
O	JOHN C. & SUSAN L. GIESMANN	02-B43F-10
P	EDWARD A. DULLY	02-B43F-11
Q	ERIC H. BOWN	02-B43F-12
R	BETHANY COLLEGE	02-B43F-13
S	FLUJIKO OGURI SAWTARIE	02-B43F-14
T	JOHN & PATRICIA CUNNINGHAM	02-B43F-15
U	SHARMA R. & CRYSTAL DARSHAN	02-B43F-16
V	ANDREW C. & PAULA L. SACHS	02-B43F-17
W	BETHANY COLLEGE	02-B43F-18
X	BETHANY COLLEGE	02-B43F-19
Y	BETHANY COLLEGE	02-B43F-20
Z	BETHANY COLLEGE	02-B43F-21
AA	BETHANY COLLEGE	02-B43F-22
AB	BETHANY COLLEGE	02-B43F-23
AC	THE TRUST OF GENE CHARLES VALENTINE	02-B43F-24
AD	DEBORAH C. FENDON	02-B43F-25
AE	THE TRUST OF GENE CHARLES VALENTINE	02-B43F-26
AF	ROBERT L. MCVICAR	02-B43F-27
AG	CURTIS LEE & LOUANN NEEL	02-B43F-28
AH	JOHN & CYNTHIA HOFFMAN	02-B43F-29
AI	ROSEMARY JEANNE COBB	02-B43F-30
AJ	ALBERT R., JR. & SUSAN BUCKELEW	02-B43F-31
AK	THOMAS L. & LAURI L. ELTRINGHAM	02-B43F-32
AL	JOHN & DEBRA HULL (LIVING TRUST)	02-B43F-33
AM	KENNETH & JUDITH MORGAN	02-B43F-34
AN	JAMES R., JR. & CAROLYN FORRESTER	02-B43F-35
AO	DOUGLAS H. & HOLLY HERVEY	02-B43F-36
AP	THOMAS FURBEE & KATHERINE SHELEK	02-B43F-37
AQ	THOMAS FURBEE & KATHERINE SHELEK	02-B43F-38
AR	BETHANY COLLEGE	02-B43F-39
AS	BETHANY COLLEGE	02-B43F-40
AT	THE TRUSTEES OF BETHANY COLLEGE	02-B43F-41
AU	BETHANY COLLEGE	02-B43F-42
AV	BETHANY COLLEGE	02-B43F-43
AW	SHIRLEY J. KEMP	02-B43F-44
AX	BETHANY COLLEGE	02-B43F-46
AY	DOUGLAS G. NIELSEN	02-B43F-47
AZ	THOMAS M. AYERS	02-B43F-48
BA	JANICE L. FORSTY (L/E: MARY J. FORSTY)	02-B43F-49
BB	JOANNE SYKES	02-B43F-50
BC	JOANNE SYKES	02-B43F-51
BD	WAYNE NEIL BOUWENS & JAY ALAN BOUWENS	02-B43F-52
BE	WAYNE NEIL BOUWENS & GRETCHEN JOHNSTON	02-B43F-53
BF	KOSMAS MOURATIDIS	02-B43F-54
BG	JOHN & PATRICIA L. CUNNINGHAM	02-B43F-55
BH	ASHLEY L. & A. SCOTT KANOTZ	02-B43F-56
BI	RYAN & BROOKE SMITH	02-B43F-57
BJ	RANDALL J. & CYNTHIA WEPPLER	02-B43F-58
BK	BETHANY COLLEGE	02-B43F-79
BL	BETHANY COLLEGE	02-B43F-78
BM	BETHANY COLLEGE	02-B43F-77
BN	BETHANY COLLEGE	02-B43F-76
BO	BETHANY COLLEGE	02-B43F-75
BP	JOHN W. & CORAL LOZIER	02-B43F-65
BQ	DOMINICK A. & THERESA D'AURORA	02-B43F-04

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BR	BETHANY COLLEGE	02-B43F-73
BS	THOMAS PAUL LYONS	02-B43F-72
BT	THOMAS PAUL LYONS	02-B43F-71
BU	GRAY WILLIAMSON & SYDMA HATZPOULOS	02-B43B-15
BV	ROBERT & MELINDA KREISBERG	02-B43F-80
BW	BETHANY COLLEGE	02-B43B-16
BX	BETHANY COLLEGE	02-B43B-17
BY	HARRY W. & SANDRA K. GROUX	02-B43B-18
BZ	HARRY W. & SANDRA K. GROUX	02-B43B-19
CA	BETHANY COLLEGE	02-B43B-20
CB	BETHANY COLLEGE	02-B43B-21
CC	DONNA SUE MARTIN LOVATO	02-B43F-67
CD	NED THOMAS & BILLIE JO FALCON	02-B43B-06
CE	EARL R. & PAMELA KEENER	02-B43B-05
CF	MANUFACTURERS LIGHT & HEAT COMPANY	02-B43B-27
CG	JOHN HEIRS HUFF	02-B43B-40
CH	BETHANY COLLEGE	03-B38-31
CI	WILLIAM HEIRS MITCHELL	02-B43B-22
CJ	DONALD STEVEN MITCHELL	02-B43F-83
CK	TOWN OF BETHANY	02-B43F-86
CL	TOWN OF BETHANY	02-B43F-87
CM	TOWN OF BETHANY	02-B43F-88
CN	TOWN OF BETHANY	02-B43-32
CO	TRUST OF GENE C. VALENTINE	03-B43-33
CP	MARY LOU FONNER	03-B43-58
CQ	TRACY T. PUSKARICH	03-B43-59
CR	ROBERT M. & CHARLOTTE A. CHAMBERS	03-B48-24
CS	ALBERT GLENN & REBECCA ANN AYERS	03-B43-61
CT	ROBERT M. & CHARLOTTE A. CHAMBERS	03-B48-23
CU	ANNA MAE NORDEN	03-B48-??
CV	PAUL ROBERT & WENDY KAY SEIDEWITZ	03-B48-18.1
CW	LAWRENCE RAY & JUDITH A. PYLE	03-B48-18
CX	CHARLES W. & CHARLOTTE BONAR	03-B48-15
CY	CHARLES W. & CHARLOTTE BONAR	03-B48-14
CZ	CHARLES W. & CHARLOTTE BONAR	03-B48-10
DA	WILLIAM BRITT COX	03-B43-21
DB	MARION PYLE STONE	03-B43-20
DC	MARION PYLE STONE	03-B43-19
DD	SILVEA MAZZELLA WHITEHEAD	03-B43-18
DE	JOYCE ANN MCGEEHAN	03-B43-17
DF	JOYCE ANN MCGEEHAN	03-B43-23
DG	BRIAN CORWIN	03-B43-26
DH	JOHN BECK	03-B43-06
DI	MARY WELLS CHAMBERS	03-B43-11
DJ	MARY WELLS CHAMBERS	03-B43-12
DK	MARY WELLS CHAMBERS	03-B43-13
DL	WINDSOR POWER HOUSE COAL COMPANY	03-B43-15
DM	ELLEN B. SANFORD	03-B38-56
DN	TERRY P. & KAREN THOMPSON	03-B38-38



REVISIONS:

NO.	DESCRIPTION

COMPANY:	<b>SWN</b> Production Company, LLC	<b>SWN</b> <sup>R-V+°</sup> Production Company™
OPERATOR'S	SAMUEL JONES BRK	
WELL #:	1H	
DISTRICT:	COUNTY:	STATE:
BUFFALO	BROOKE	WV
DATE:	12-13-2019	
API NO:	47-009-00262	
DRAWN BY:	D. REED	
SCALE:	N/A	
DRAWING NO:	2019-0265	
WELL LOCATION PLAT		

COMPLETION ID 2501163279  
PAD ID 3001163336