

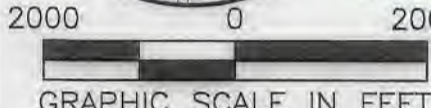
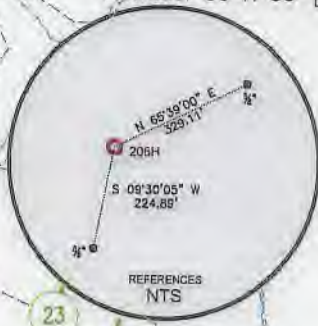
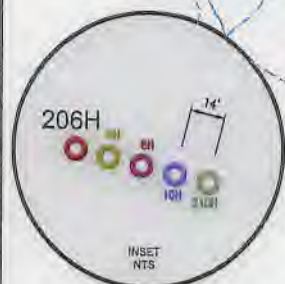
Latitude: 39°50'00"

SURFACE HOLE 6845'

Latitude: 39°47'30" BOTTOM HOLE 1016'



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



- 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 625 FEET OF PROPOSED WELL.
 4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 600 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.

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



SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,404,734.307
	EASTING: 533,588.653
LANDING POINT LOCATION (LHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,404,895.355
	EASTING: 532,956.448
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,401,061.149
	EASTING: 535,381.765

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

BOTTOM HOLE 11996'

Longitude: 80°35'00"

Longitude: 80°35'00"

COMPANY: **SWN** Production Company, LLC

CHARLES JAMISON MSH
OPERATOR'S WELL #: 206H
API WELL #: 47 STATE 051 COUNTY PERMIT 03295

(+) 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)

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

WATERSHED: MAGGOTY RUN ELEVATION: 1335.0'

DISTRICT: LIBERTY DISTRICT COUNTY: MARSHALL QUADRANGLE: CAMERON

SURFACE OWNER: CHARLES AND JEAN JAMISON ACREAGE: 97.2±

OIL & GAS ROYALTY OWNER: CHARLES AND JEAN JAMISON ACREAGE: 97.2±

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,222 TVD 23,035 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

LEGEND:	PROPOSED SURFACE HOLE / BOTTOM HOLE	DRILLING UNIT
EXISTING / PRODUCING WELLHEAD	LEASE BOUNDARY	PROPOSED PATH
LPL LANDING POINT LOCATION		
EXISTING WATER WELL		
EXISTING SPRING		

REVISIONS:	DATE: 10-23-2019
	DRAWN BY: K.E.S.
	SCALE: 1" = 2000'
	DRAWING NO: 170-426
	WELL LOCATION PLAT



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

WELL BORE TABLE FOR SURFACE OWNERS

TRACT	SURFACE OWNER	TAX PARCEL
1	CHARLES AND JEAN JAMISON	07-007-0006
2	CONSOLIDATED COAL COMPANY, A DELAWARE CORPORATION	07-007-0006.3
3	CONSOL MINING COMPANY LLC	07-007-0005.3
4	TIMOTHY R. CAIN	07-007-0006.2
5	TIMOTHY R. CAIN	07-007-0006.1
6	CO. RT. 23 ROW (CAMERON RIDGE ROAD)	
7	GARY RAY DOBBS, ET AL	07-010-0018
8	GARY RAY DOBBS, ET AL	07-010-0022
9	HAROLD E. AND ANITA RUSH	07-010-0023
10	HOWARD E WILLIAMS	07-010-0025.1
11	ROBERT D. WILLIAMS, SINGLE	07-016-0030
12	RUSSELL ALLEN DOTSON JR	07-016-0031
13	DONALD REX QUIGLEY, ET UX	07-016-0033
14	JEREMIAH N. AND ANDREA J. MAGERS	07-016-0033.1
15	CO. RT. 96 ROW	
16	JOHN MATTHEW BUTLER	07-016-0039
17	JOHN E. RIGGS JR	07-016-0041
18	JUDITH ANN BURGE, VIRGINIA LEE BAILEY, AND SUELLEN MARLING	07-020-0006

ADJOINING OWNERS TABLE

TRACT	SURFACE OWNER	TAX PARCEL
A	KENNETH WAYNE STEELE TRUST	07-007-0008.1
B	KENNETH WAYNE STEELE TRUST	07-007-0011
C	GALE ZWICK (LIFE ESTATE) AND MITCHELL ZWICK (REMAINDERMAN)	07-007-0012
D	CHARLES AND JEAN JAMISON	07-007-0013
E	JEFFREY A. MURRAY, A MARRIED MAN	07-010-0018.2
F	CONSOLIDATED COAL COMPANY, A DELAWARE CORPORATION	07-010-0019
G	GARY R. DOBBS, ET UX	07-010-0021
H	D. VANE STARKEY	07-010-0025
I	CNX LAND LLC, A DELAWARE LIMITED LIABILITY COMPANY	07-011-0003
J	SCOTT C. MARLING AND JESSICA L. PARRY, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-011-0004
K	DONALD REX QUIGLEY, ET UX	07-016-0036
L	DAVID L. ELSON, ET UX	07-016-0032
M	DAVID L. ELSON AND DEBBIE L. ELSON, HIS WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0034
N	JOHN E. RIGGS JR, ET UX	07-016-0038
O	JOHN E. RIGGS JR, ET UX	07-016-0046
P	LOUIS S. MCCLELLAND EST	07-016-0037
Q	JOHN RIGGS, ET UX	07-016-0045
R	JOHN E. JR AND DALENA RIGGS	07-016-0042
S	JOHN E. RIGGS JR, ET UX	07-016-0044
T	JOHN E. RIGGS JR	07-016-0043
U	ANNIE L. GEHO EST	07-020-0007
V	ANNIE L. GEHO EST	07-020-0009
W	ANNIE L. GEHO EST	07-020-0010
X	ANNIE L. GEHO EST	07-020-0011
Y	AMMON BURLEY, ET UX	07-020-0012
Z	WEST VIRGINIA WILDLIFE RESOURCES	07-024-0001
AA	ALAN UNDERDONK	07-016-0025.1
BB	JUDITH ANN BURGE, VIRGINIA LEE BAILEY, AND SUELLEN MARLING	07-016-0040
CC	GAIL CUMPSTON	07-019-0020
DD	GEORGE R. CUMPSTON AND NANCY K. CUMPSTON, HIS WIFE; GAIL K. PORTER, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0024
EE	BEN F. ALLMAN, ET UX	07-016-0025
FF	DAVID T. BUTLER - LIFE	07-016-0026
GG	JOHN M. BUTLER	07-016-0026.1
HH	RUSSELL ALLEN DOTSON JR, ET UX	07-016-0028
II	STEPHANIE F. YEATER	07-016-0029.3
JJ	HAROLD E. AND ANITA RUSH	07-010-0023.1
KK	VINCENT E. LEMASTERS	07-010-0024
LL	JAMES M. CLARK	07-010-0009
MM	JAMES M. CLARK	07-010-0010
NN	CHARLES R. CLARK AND MARILYN V. WHIPKEY, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-010-0011
OO	CHARLES R. CLARK AND MARILYN V. WHIPKEY, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-010-0012
PP	ERIC SCOTT AND TIFFANY J. DOBBS	07-010-0018.4
QQ	HAZEN B. PYLES	07-010-0018.1
RR	CONSOL MINING COMPANY LLC	07-010-0018.3
SS	PAMELA J. HOWARD	07-010-0015
TT	GARY RAY DOBBS, ET AL	07-010-0016
UU	GARY RAY DOBBS, ET AL	07-010-0017
VV	ERIC SCOTT AND TIFFANY J. DOBBS	07-010-0018.5
WW	GARY R. AND JAN C. DOBBS	07-010-0018.6
XX	GARY R. AND JAN C. DOBBS	07-010-0018.7
YY	WAYNE E. GRAHAM JR, ET UX	07-007-0004
ZZ	WAYNE E. GRAHAM JR	07-007-0005.1
AAA	WAYNE E. GRAHAM	07-007-0005.2
BBB	WAYNE E. GRAHAM, JR. AND GWENDOLYN L. GRAHAM, HUSBAND AND WIFE, AS JOINT TENANTS WITH RIGHTS OF SURVIVORSHIP	07-007-0005
CCC	CNX LAND LLC	07-007-0007.1
DDD	CONSOLIDATION COAL COMPANY, ET AL	07-007-0007

API WELL #: **47** **051** **02295 HGA**
 STATE COUNTY PERMIT

REVISIONS:	COMPANY:			
	OPERATOR'S		CHARLES JAMISON MSH	
	WELL #:		206H	
	DISTRICT:	COUNTY:	STATE:	DATE: 10-23-2019
	LIBERTY DISTRICT	MARSHALL	WV	DRAWN BY: K.E.S.
				SCALE: N/A
				DRAWING NO: 170-426
				WELL LOCATION PLAT 2