



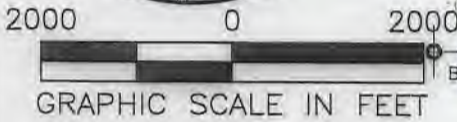
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
600 MARKETPLACE AVENUE, SUITE 200  
BRIDGEPORT, WV 26330  
304-933-3119

Latitude: 39°50'00"

SURFACE HOLE 6816'

Latitude: 39°47'30"

<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,404,732.262 EASTING: 533,597.563
<b>LANDING POINT LOCATION (LHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,405,249.427 EASTING: 533,543.363
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,401,152.047 EASTING: 536,104.959



**WELL RESTRICTIONS**

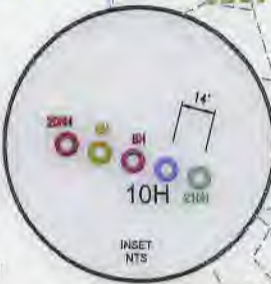
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 625 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 600 FEET OF THE LIMITS 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



COMPANY: **SWN** Production Company, LLC

(+) 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)

CHARLES JAMISON MSH  
OPERATOR'S WELL #: 10H  
API WELL #: 47 051 02301  
STATE COUNTY PERMIT

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: 7,309 TVD 23,875.30 TMD

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

<b>LEGEND:</b>	— SURVEYED BOUNDARY	<b>REVISIONS:</b>	DATE: 08-06-2019
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊙ EXISTING / PRODUCING WELLHEAD	===== LEASE BOUNDARY		
LPL* LANDING POINT LOCATION	— PROPOSED PATH		
⊙ EXISTING WATER WELL			
⊙ EXISTING SPRING			
			DRAWN BY: K.E.S.
			SCALE: 1" = 2000'
			DRAWING NO: 170-426
			WELL LOCATION PLAT



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
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 304-933-3119

WELL BORE TABLE FOR SURFACE OWNERS		
TRACT	SURFACE OWNER	TAX PARCEL
1	CHARLES AND JEAN JAMISON	07-007-0006
2	KENNETH WAYNE STEELE TRUST	07-007-0011
3	GAIL ZWICK - LIFE	07-007-0012
4	GAIL ZWICK - LIFE	07-007-0014
5	GAIL ZWICK - LIFE	07-006-0012.1
6	CO. RT. 23 ROW (CAMERON RIDGE ROAD)	
7	JACK R. BUZZARD, ET UX	07-010-0020
8	GARY R. DOBBS, ET UX	07-010-0021
9	NAOMI WILLIAMS STARKEY	07-010-0025
10	CONSOL MINING COMPANY LLC	07-011-0003
11	SCOTT D. SHALAWAY, ET UX	07-011-0004
12	RUSSELL ALLEN DOTSON JR	07-016-0031
13	CO. RT. 96 ROW	
14	DONALD REX QUIGLEY, ET UX	07-016-0036
15	TERRY A. AND DONNA L. BONAR	07-016-0035
16	JAMES W. DEVER	07-020-0022
17	LILLIAN A. KERBY	07-020-0021

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	ANTHONY M. SKRYPEK	07-007-0010
B	GAIL ZWICK - LIFE	07-006-0008
C	CONSOL MINING COMPANY LLC	07-006-0010
D	CONSOL MINING COMPANY LLC	07-006-0012
E	STEPHEN L. AND PAMELA SCOTT	07-006-0011
F	DONALD W. AND MARTHA J. KENNEDY	07-006-0011.1
G	JACK R. BUZZARD, ET UX	07-011-0001
H	CONSOL MINING COMPANY LLC	07-011-0002
I	CONSOL MINING COMPANY LLC	07-011-0008
J	DOUGLAS AND DEANA MCCOMBS	07-011-0007
K	DONALD REX QUIGLEY, ET UX	07-011-0005
L	DONALD QUIGLEY, ET UX	07-011-0017
M	ANDREW MCCURDY, ET UX	07-016-0036.2
N	DONALD REX AND ELLEN QUIGLEY	07-016-0036.1
O	STEPHANIE L. WHITE	07-016-0036.03
P	HINKLE FAMILY TRUST	07-015-0001
Q	HINKLE FAMILY TRUST	07-015-0019
R	CLAUDE R. STEPHENS EST, ET AL	07-020-0023
S	AMMON A. BURLEY	07-020-0024
T	CONRAD M. BERISFORD, ET UX	07-020-0020
U	CONRAD M. BERISFORD, ET UX	07-020-0019
V	AMMON A. BURLEY	07-020-0018
W	WYATT A. MCCLURE	07-020-0017
X	ROBERT B. MCCLURE	07-020-0013
Y	JOHN E. RIGGS JR, ET UX	07-016-0044
Z	LOUIS S. MCCLELLAND EST	07-016-0037
AA	DAVID L. ELSON	07-016-0034
BB	DAVID L. ELSON, ET UX	07-016-0032
CC	DONALD REX QUIGLEY, ET UX	07-016-0033
DD	RUSSELL ALLEN DOTSON JR, ET UX	07-016-0028
EE	RALPH E. WILLIAMS	07-016-0030
FF	HOWARD E WILLIAMS	07-010-0025.1
GG	DELORSE A. HORNER - LIFE	07-016-0023
HH	GARY RAY DOBBS, ET AL	07-010-0022
II	GARY RAY DOBBS, ET AL	07-010-0018
JJ	CONSOLIDATED COAL COMPANY	07-010-0019
KK	CHARLES AND JEAN JAMISON	07-007-0013
LL	TIMOTHY R. CAIN	07-007-0006.1
MM	TIMOTHY R. CAIN	07-007-0006.2
NN	CONSOLIDATED COAL COMPANY	07-007-0006.3
OO	CONSOLIDATED COAL COMPANY	07-007-0007.1
PP	CONSOLIDATED COAL COMPANY	07-007-0007
QQ	KENNETH WAYNE STEELE TRUST	07-007-0008.1
RR	JEAN JAMISON	07-007-0009.1

API WELL #: 47 051  
 STATE COUNTY PERMIT

REVISIONS:	COMPANY:			
	OPERATOR'S		CHARLES JAMISON MSH	
	WELL #:		47-051-02301 #w4 10H	
	DISTRICT:	COUNTY:	STATE:	DATE:
	LIBERTY DISTRICT	MARSHALL	WV	08-06-2019
	DRAWN BY: K.E.S.			
	SCALE: N/A			
	DRAWING NO: 170-426			
	WELL LOCATION PLAT 2			