

Latitude: 39°50'00" (SHL)

SURFACE HOLE 6835'

Latitude: 39°47'30" (BHL)

BOTTOM HOLE 1331'



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

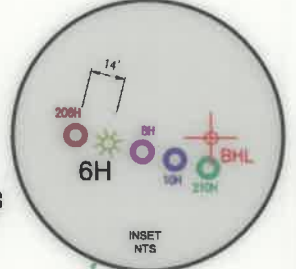
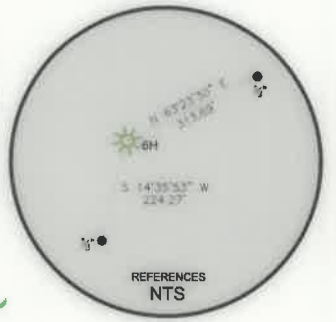
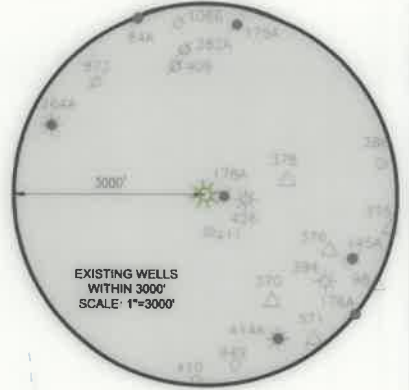
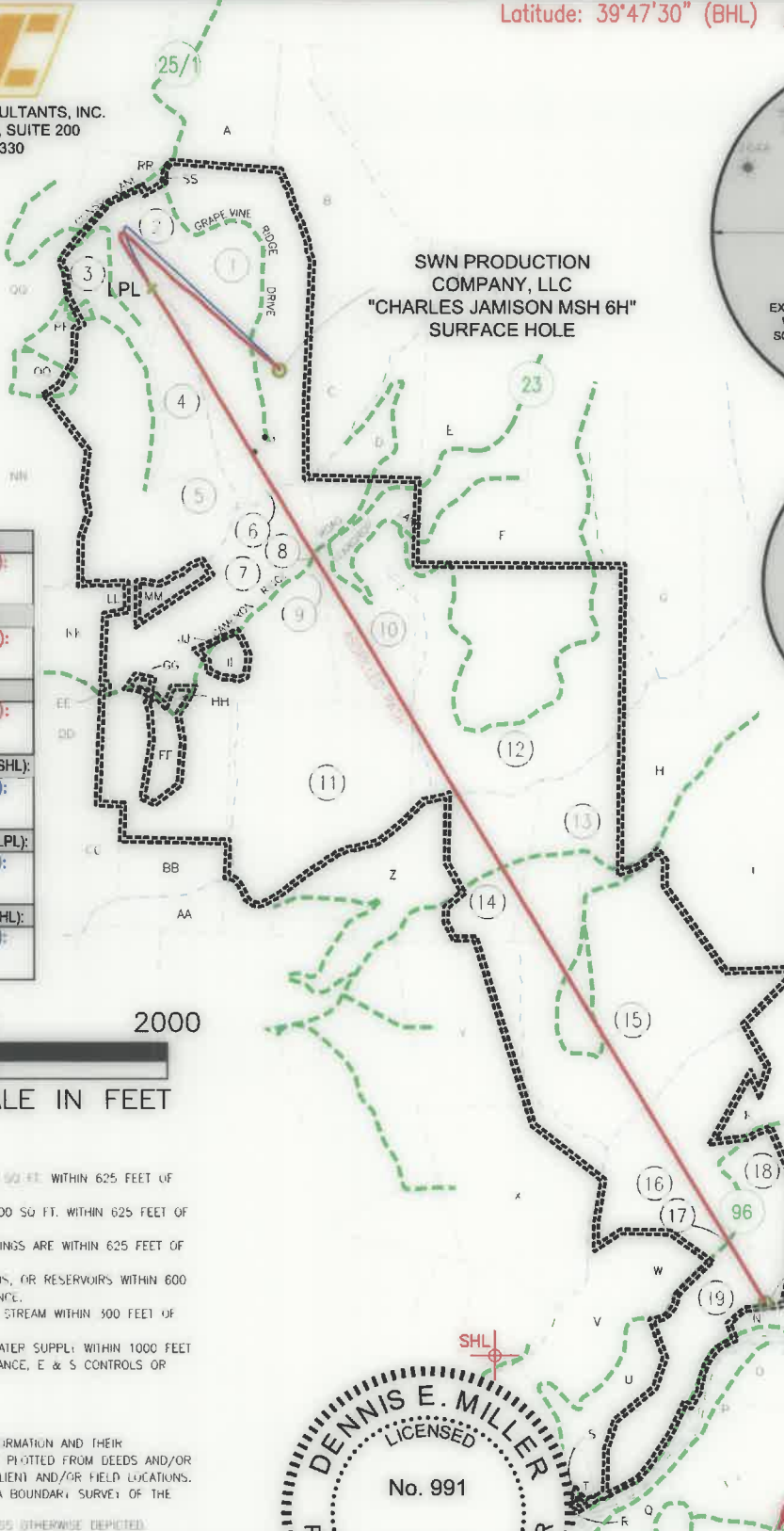
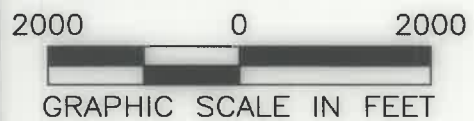


Table with 4 columns: Location Type, UTM (NAD83, Zone 17, Meters), Northing, and Easting. Rows include Surface Hole, Landing Point, Bottom Hole, and Permit locations for each.



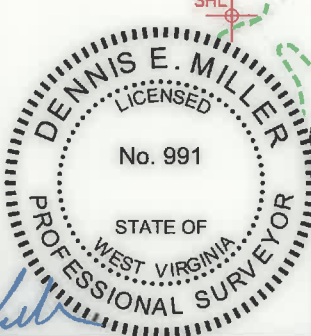
WELL RESTRICTIONS

- 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 FRESH WATER STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OF 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 INSERTS 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.



AS-DRILLED

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 #: 6H
API WELL #: 47 STATE 051 COUNTY 02294 PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION X DEEP GAS X LIQUID INJECTION STORAGE SHALLOW X
WATERSHED: MAGGOTY RUN DISTRICT: LIBERTY DISTRICT COUNTY: MARSHALL
SURFACE OWNER: CHARLES AND JEAN JAMISON OIL & GAS ROYALTY OWNER: CHARLES AND JEAN JAMISON
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) ASDRILLED
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,154.46 TVD 21,230 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, EXISTING / PRODUCING WELLHEAD, LPL, EXISTING WATER WELL, EXISTING SPRING, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, ASDRILLED PATH, PROPOSED PATH

REVISIONS: DATE: 11-16-2020
DRAWN BY: K.E.S.
SCALE: 1" = 2000'
DRAWING NO: 170-426
WELL LOCATION PLAT

Longitude: 80°35'00" (SHL)
Longitude: 80°35'00" (BHL)
Longitude: 80°35'00" (BHL)
SURFACE HOLE 15097'
BOTTOM HOLE 10188'
SURFACE HOLE 6835'



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	07-007-0005.2
5	TIMOTHY R. CAIN	07-007-0006.1
6	CHARLES AND JEAN JAMISON	07-007-0013
7	GARY RAY DOBBS, ET AL	07-010-0018
8	CO. RT. 23 ROW (CAMERON RIDGE ROAD)	
9	JEFFREY A. MURRAY	07-010-0018.2
10	CONSOLIDATED COAL COMPANY, A DELAWARE CORPORATION	07-010-0019
11	GARY RAY DOBBS, ET AL	07-010-0022
12	GARY RAY DOBBS, ET UX	07-010-0021
13	D VANE STARKEY	07-010-0025
14	HOWARD E WILLIAMS	07-010-0025.1
15	RUSSELL ALLEN DOTSON JR	07-016-0031
16	DONALD REX QUIGLEY, ET UX	07-016-0033
17	CO. RT. 96 ROW	
18	DAVID L. ELSON AND DEBBIE L. ELSON, HIS WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0034
19	JOHN MATTHEW BUTLER	07-016-0039

**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	GALE ZWICK (LIFE ESTATE) AND MITCHELL ZWICK (REMAINDERMAN)	07-007-0014
E	GALE ZWICK (LIFE ESTATE) AND MITCHELL ZWICK (REMAINDERMAN)	07-006-0012.1
F	ROBIN E. QUIGLEY AND DONALD QUIGLEY, HUSBAND AND WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-010-0020
G	ROBIN E. QUIGLEY AND DONALD QUIGLEY, HUSBAND AND WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-011-0001
H	CNX LAND LLC, A DELAWARE LIMITED LIABILITY COMPANY	07-011-0003
I	SCOTT C. MARLING AND JESSICA L. PARRY, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-011-0004
J	DONALD REX QUIGLEY, ET UX	07-016-0036
K	DAVID L. ELSON, ET UX	07-016-0032
L	TERRY A. AND DONNA L. BONAR	07-016-0035
M	LOUIS S. MCCLELLAND EST	07-016-0037
N	JOHN E. RIGGS JR, ET UX	07-016-0038
O	JOHN E. RIGGS JR	07-016-00041
P	JUDITH A. BURGE, VIRGINIA LEE BAILEY, AND SUELLEN MARLING	07-016-0040
Q	ALAN UNDERDONK	07-016-0025.1
R	GAIL CUMPSTON	07-019-0020
S	GEORGE R. CUMPSTON AND NANCY K. CUMPSTON, HIS WIFE; AND GAIL K. PORTER, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0024
T	BEN F. ALLMAN, ET UX	07-016-0025
U	DAVID T. BUTLER - LIFE	07-016-0026
V	JOHN M. BUTLER	07-016-0026.1
W	JEREMIAH N. AND ANDREA J. MAGERS	07-016-0033.1
X	RUSSELL ALLEN DOTSON JR, ET UX	07-016-0028
Y	ROBERT D. WILLIAMS	07-016-0030
Z	DELORSE A. HORNER - LIFE	07-016-0023
AA	JAMES M. CLARK	07-010-0009
BB	JAMES M. CLARK	07-010-0010
CC	CHARLES R. CLARK AND MARILYN V. WHIPKEY, AS JOINT TENANTS WITH RIGHT OF SURVIVORSHIP	07-010-0011
DD	CHARLES R. CLARK AND MARILYN V. WHIPKEY, AS JOINT TENANTS WITH RIGHT OF SURVIVORSHIP	07-010-0012
EE	ERIC SCOTT AND TIFFANY J. DOBBS	07-010-0018.5
FF	ERIC SCOTT DOBBS AND TIFFANY JEAN DOBBS, HUSBAND AND WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-010-0018.4
GG	HAZEN B. PYLES	07-010-0018.1
HH	CONSOL MINING COMPANY LLC	07-010-0018.3
II	GARY R. AND JAN C. DOBBS	07-010-0018.7
JJ	GARY R. AND JAN C. DOBBS	07-010-0018.6
KK	PAMELA J. HOWARD	07-010-0015
LL	GARY RAY DOBBS, ET AL	07-010-0016
MM	GARY RAY DOBBS, ET AL	07-010-0017
NN	WAYNE E. GRAHAM JR, ET UX	07-007-0004
OO	WAYNE E. GRAHAM JR	07-007-0005.1
PP	WAYNE GRAHAM	07-007-0005.2
QQ	WAYNE E. GRAHAM JR, ET UX	07-007-0005
RR	CONSOLIDATION COAL COMPANY, ET AL	07-007-0007
SS	CNX LAND LLC	07-007-0007.1

**AS-DRILLED**

API WELL #: **47**      **051**      **02294**  
 STATE                  COUNTY                  PERMIT

REVISIONS:	COMPANY:			
	OPERATOR'S			
	WELL #:		DATE: 11-16-2020	
	DISTRICT:		DRAWN BY: K.E.S.	
	LIBERTY DISTRICT		SCALE: N/A	
	COUNTY:		DRAWING NO: 170-426	
	MARSHALL		WELL LOCATION PLAT 2	
	STATE:			
	WV			

