

Latitude: 39°50'00"

SURFACE HOLE 6835'

Latitude: 39°47'30"

BOTTOM HOLE 1339'



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

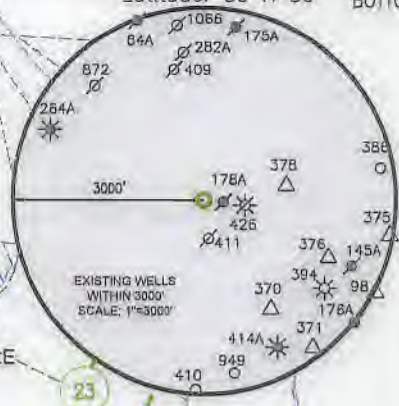
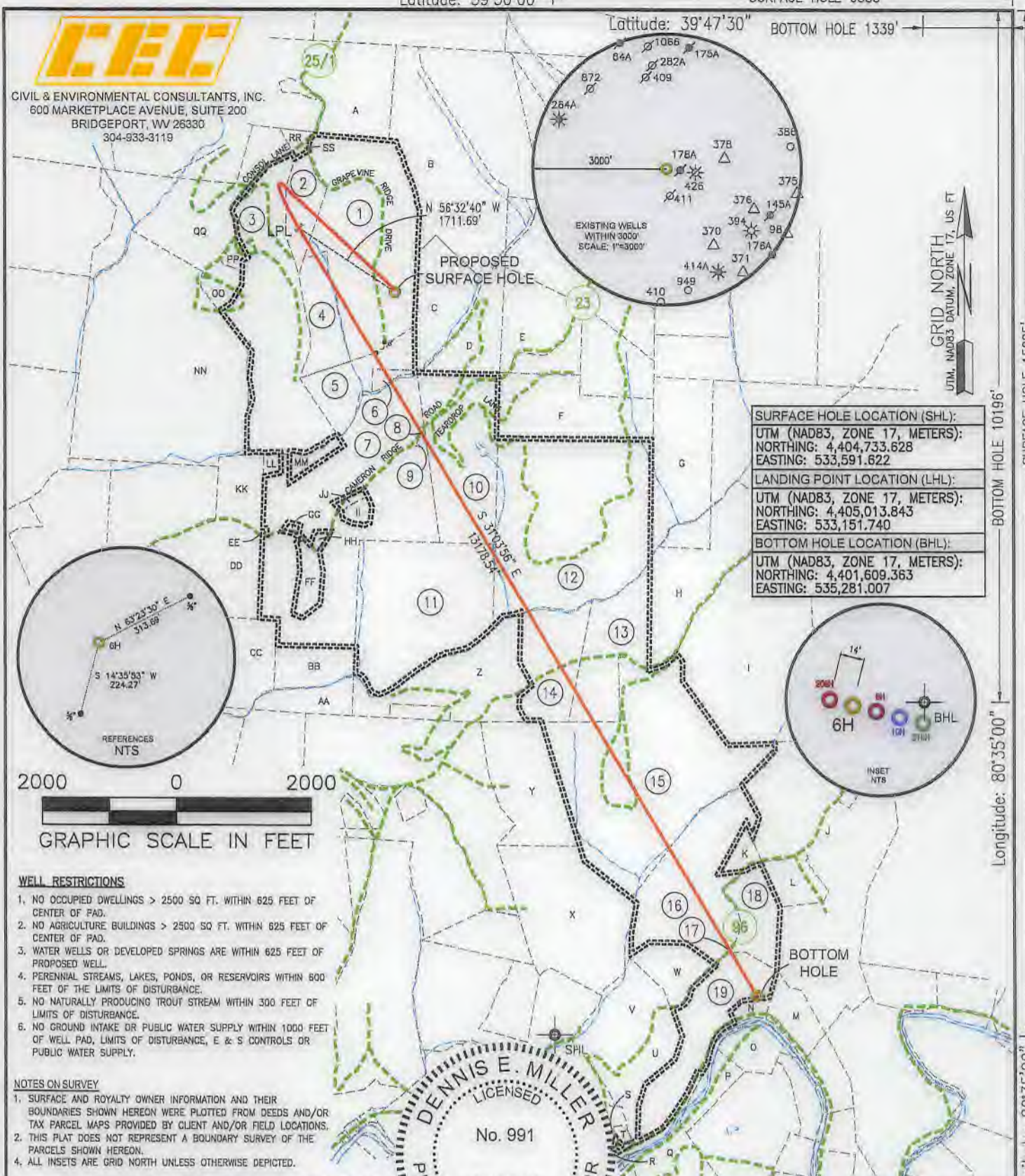
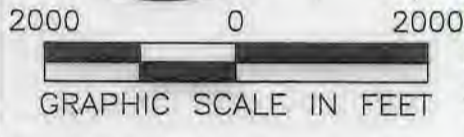
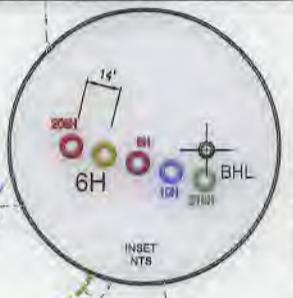


Table with 3 rows: SURFACE HOLE LOCATION (SHL), LANDING POINT LOCATION (LHL), and BOTTOM HOLE LOCATION (BHL). Each row lists UTM (NAD83, ZONE 17, METERS) coordinates for Northings and Eastings.



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 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.

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.



COMPANY: SWN Production Company, LLC. Includes logo and signature.

STATE OF WEST VIRGINIA logo and WDEP OFFICE OF OIL & GAS address: 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) . TARGET FORMATION: MARCELLUS. ESTIMATED DEPTH: 7,249 TVD 21,192 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: LANDING POINT LOCATION, EXISTING WATER WELL, EXISTING SPRING, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, PROPOSED PATH. REVISIONS: DATE: 10-23-2019. DRAWN BY: K.E.S. SCALE: 1" = 2000'. DRAWING NO: 170-426. WELL LOCATION PLAT.



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
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 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	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	07-016-0004.1
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	DELOISE 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

API WELL #: **47** **051** **02294 H4A**
 STATE COUNTY PERMIT

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