

Latitude: 39°50'00" (SHL)

SURFACE HOLE 6815'

BOTTOM HOLE 10367'

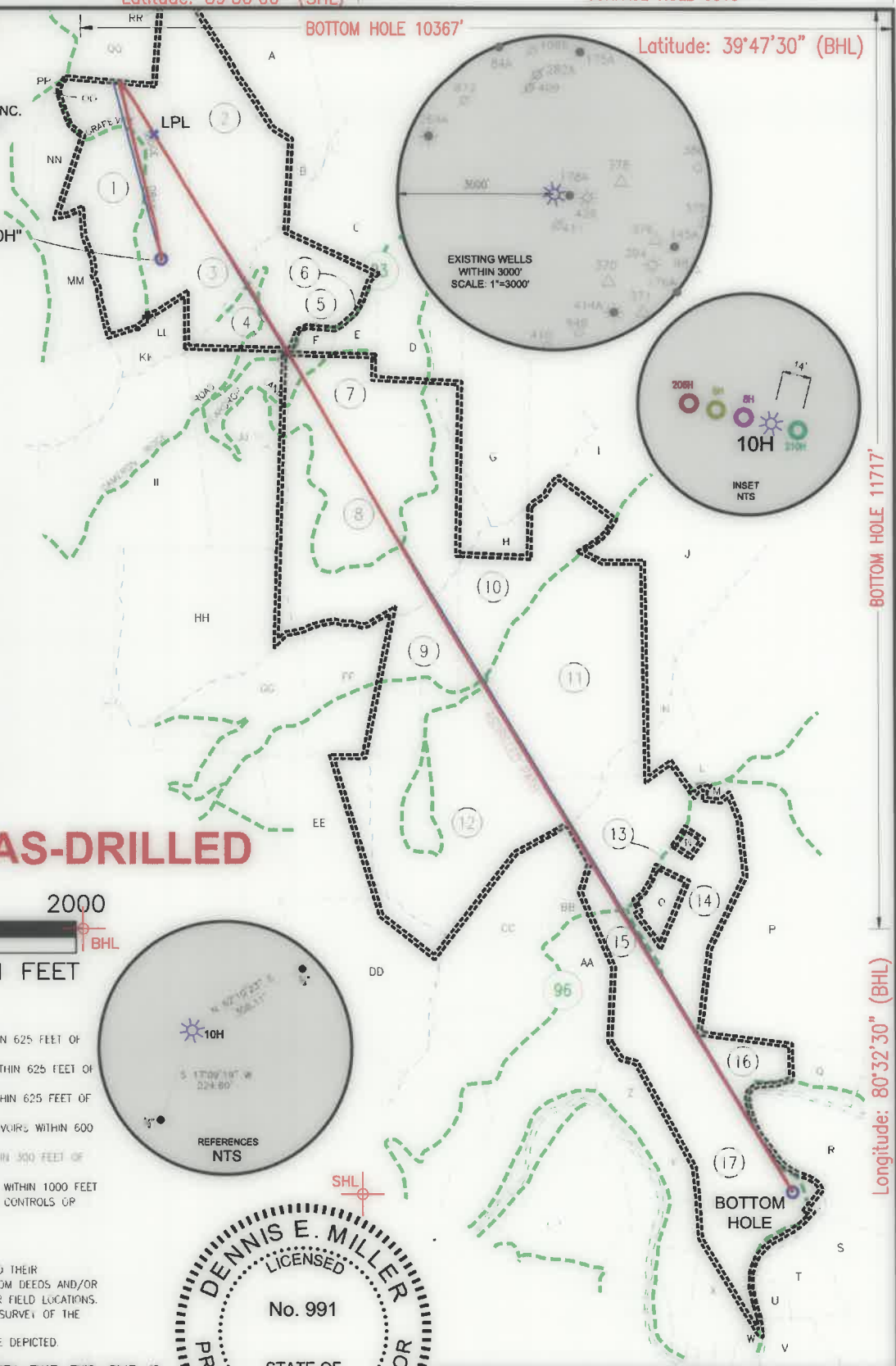
Latitude: 39°47'30" (BHL)



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

SWN PRODUCTION COMPANY, LLC
"CHARLES JAMISON MSH 10H" SURFACE HOLE

UTM NORTH
NAD83 DATUM, ZONE 17, US FT



EXISTING WELLS WITHIN 3000' SCALE: 1"=3000'

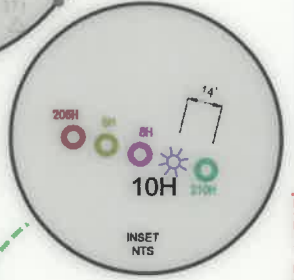
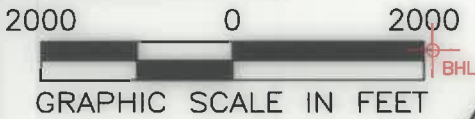


Table with 4 columns: Location Type, UTM (NAD83, ZONE 17, METERS), Northing, and Easting. Rows include Surface Hole Location (SHL), Landing Point Location (LPL), Bottom Hole Location (BHL), Permit Surface Hole Location (SHL), Permit Landing Point Location (LPL), and Permit Bottom Hole Location (BHL).

AS-DRILLED



WELL RESTRICTIONS

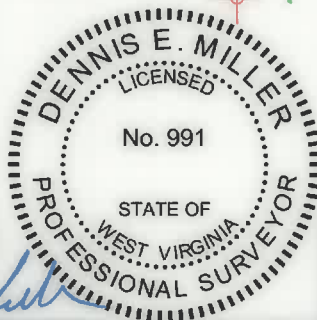
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 625 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 600 FEET OF THE LIMITS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

SWN

Production Company, LLC

Production Company™



(+) 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 and completion details: WELL TYPE: OIL, WASTE DISPOSAL, PRODUCTION, DEEP, GAS, LIQUID INJECTION, STORAGE, SHALLOW. WATERSHED: MAGGOTY RUN. DISTRICT: LIBERTY DISTRICT. COUNTY: MARSHALL. SURFACE OWNER: CHARLES AND JEAN JAMISON. OIL & GAS ROYALTY OWNER: CHARLES AND JEAN JAMISON. DRILL, DRILL DEEPER, REDRILL, FRACTURE OR STIMULATE, PLUG OFF OLD FORMATION, PERFORATE NEW FORMATION. CONVERT, PLUG & ABANDON, CLEAN OUT & REPLUG, OTHER CHANGE (SPECIFY) ASDRILLED. TARGET FORMATION: MARCELLUS. ESTIMATED DEPTH: 7,292.86 TVD 23,974 TMD.

Well operator and agent information: 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 and Revisions: 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.

VERTICAL DIMENSIONS: SURFACE HOLE 6815', BOTTOM HOLE 10367', BOTTOM HOLE 11717', SURFACE HOLE 15102', LONGITUDE: 80°32'30" (BHL), LONGITUDE: 80°35'00" (SHL)



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 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	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. FERBY	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

AS-DRILLED

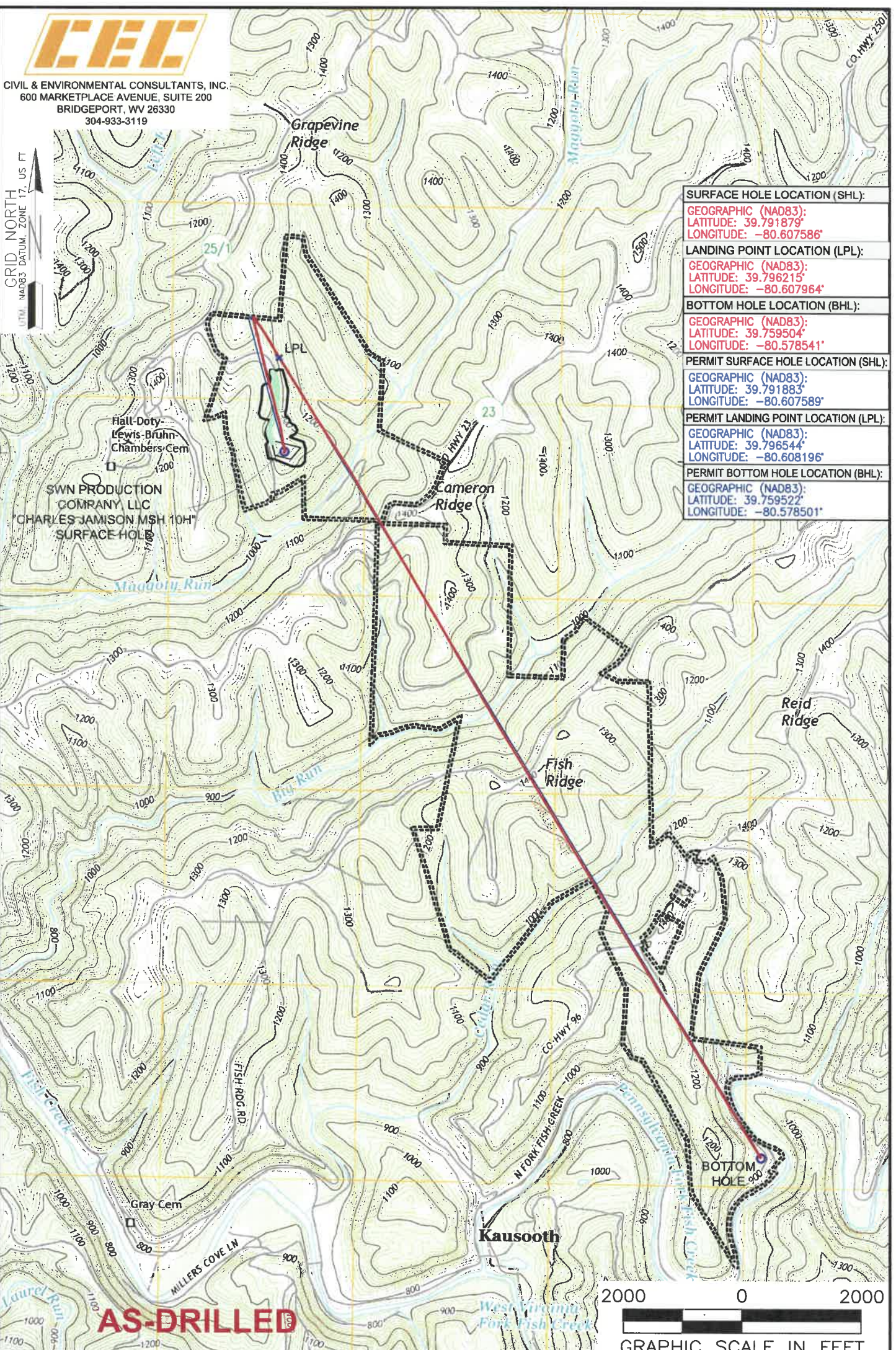
API WELL #: **47** **051** **02301**
 STATE COUNTY PERMIT

REVISIONS:	COMPANY: SWN Production Company, LLC			 Production Company™	
	OPERATOR'S: CHARLES JAMISON MSH			DATE: 11-16-2020	
	WELL #: 10H			DRAWN BY: K.E.S.	
	DISTRICT: LIBERTY DISTRICT	COUNTY: MARSHALL	STATE: WV	SCALE: N/A	
					DRAWING NO: 170-426
					WELL LOCATION PLAT 2



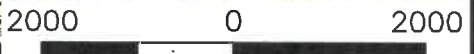
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BRIDGEPORT, WV 26330
304-933-3119

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



SURFACE HOLE LOCATION (SHL):	
GEOGRAPHIC (NAD83):	LATITUDE: 39.791879°
	LONGITUDE: -80.607586°
LANDING POINT LOCATION (LPL):	
GEOGRAPHIC (NAD83):	LATITUDE: 39.796215°
	LONGITUDE: -80.607964°
BOTTOM HOLE LOCATION (BHL):	
GEOGRAPHIC (NAD83):	LATITUDE: 39.759504°
	LONGITUDE: -80.578541°
PERMIT SURFACE HOLE LOCATION (SHL):	
GEOGRAPHIC (NAD83):	LATITUDE: 39.791883°
	LONGITUDE: -80.607589°
PERMIT LANDING POINT LOCATION (LPL):	
GEOGRAPHIC (NAD83):	LATITUDE: 39.796544°
	LONGITUDE: -80.608196°
PERMIT BOTTOM HOLE LOCATION (BHL):	
GEOGRAPHIC (NAD83):	LATITUDE: 39.759522°
	LONGITUDE: -80.578501°

AS-DRILLED



GRAPHIC SCALE IN FEET

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.
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LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL* LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- - - PUBLIC ROAD
- - - ACCESS ROAD TO PREV. SITE
- - - LEASE BOUNDARY
- - - PROPOSED PATH
- - - ASDRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CHARLES JAMISON MSH	WELL # 10H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201, MORGANTOWN, WV 26508	COUNTY - CODE MARSHALL - 051	DISTRICT; LIBERTY DISTRICT	
SURFACE OWNER: CHARLES AND JEAN JAMISON	USGS 7 1/2 QUADRANGLE MAP NAME CAMERON, WV		