

Latitude: 40°12'30" (SHL)

SURFACE HOLE 5987'

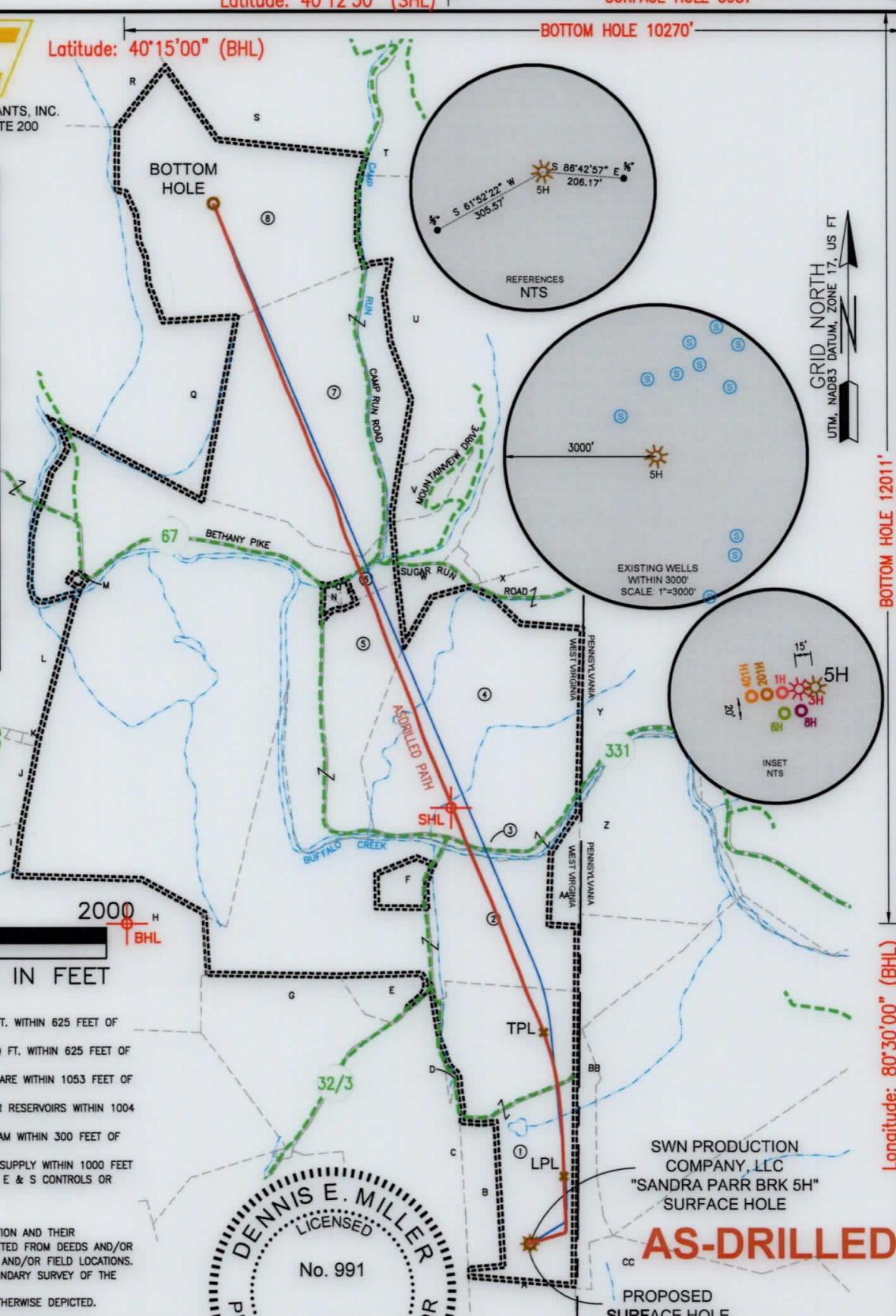
Latitude: 40°15'00" (BHL)

BOTTOM HOLE 10270'



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 Location (SHL), Landing Point Location (LPL), Turning Point Location (TPL), and Bottom Hole Location (BHL) for both permit and actual locations.



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

BOTTOM HOLE 12011'
SURFACE HOLE 10488'
Longitude: 80°30'00" (BHL)
Longitude: 80°30'00" (SHL)



GRAPHIC SCALE IN FEET

WELL RESTRICTIONS

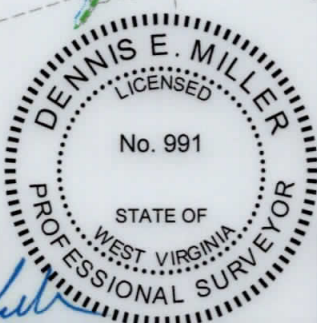
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 1053 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 1004 FEET OF THE LIMITS 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

STATE OF WEST VIRGINIA seal and WVDEP contact information: 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)

SANDRA PARR BRK
OPERATOR'S WELL #: 5H
API WELL #: 47 009 00245 (STATE COUNTY PERMIT)

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]
WATERSHED: BUFFALO CREEK
DISTRICT: BUFFALO DISTRICT COUNTY: BROOKE
SURFACE OWNER: ANTHONY BRUCE PARR, ET AL
OIL & GAS ROYALTY OWNER: JOHN L. AND ANGELA LATIMER, HUSBAND AND WIFE, AND DEBORAH S. STARR, SINGLE
DRILL [X] DRILL DEEPER [] REDRILL [] FRACTURE OR STIMULATE [X] PLUG OFF OLD FORMATION [] PERFORATE NEW FORMATION []
CONVERT [] PLUG & ABANDON [] CLEAN OUT & REPLUG [] OTHER CHANGE [X] (SPECIFY) AS-DRILLED
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,174 TVD 20,608 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, AS-DRILLED PATH, PROPOSED PATH
REVISIONS:
DATE: 08-08-2019
DRAWN BY: K.E.S.
SCALE: 1" = 2000'
DRAWING NO: 172-289
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	(S) ANTHONY BRUCE PARR, SANDRA L. PARR, RAYMOND LEE, NANCY PARR, MICHAEL MAHAN, AND PAULA MAHAN (R) JOHN L. LATIMER AND ANGELA LATIMER AND DEBORAH S. STARR	03-B49-0005
2	STATE OF WEST VIRGINIA, DEPARTMENT OF COMMERCE, DIVISION OF NATURAL RESOURCES, WILDLIFE RESOURCES SECTION	03-B44-0014
3	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	BETHANY PIKE
4	FORNEY AND SONS HOLDING COMPANY L.L.C	03-B44-0005
5	GENE CHARLES VALENTINE TRUST DATED 11/26/86	03-B43-0028
6	CURTIS LEE NEEL AND LOUANN L. NEEL, HUSBAND AND WIFE, JTWROS	03-B44-0007
7	RAYMOND L. TREDWAY, SR. AND LINDSEY G. TREADWAY, JTWROS	03-B39-0011
8	MARTHA MAY SEABRIGHT (LIFE TENANT) JAMES H. SEABRIGHT AND CECILIA M. SEABRIGHT, HUSBAND AND WIFE	03-B39-0010

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	THE RANCH SPORTSMANS CLUB, INC., BY NICK MUSTACHIO, PRESIDENT	03-B49-0010
B	ANTHONY PARR, SANDRA PARR, RAYMOND PARR, NANCY PARR, LEONARD BOYCE AND KAREN BOYCE	03-B49-0004
C	JAMES WARREN & PATRICIA MCKEEN	03-B49-0003
D	ANTHONY BRUCE PARR, SANDRA L. PARR, RAYMOND LEE PARR AND NANCY J. PARR	03-B49-0005
E	CLIFFORD E. COUNSELMAN	03-B44-0013
F	BETHANY COLLEGE	03-B44-0014.1
G	CLIFFORD E. COUNSELMAN	03-B49-0002
H	BETHANY COLLEGE	03-B43-0062
I	SAMUEL J. AND MELANIE DONINI (SURV)	03-B43-0057
J	BETHANY COLLEGE	03-B38-0031
K	MARY E. COLLINS	03-B43-0049
L	RANDY L. AND VANESSA J. COLLINS (SURV)	03-B43-0049.2
M	CLYDE B. ROBERTS	03-B43-0029
N	MORRIS G. MAIN	03-B44-0010
O	MORRIS G. MAIN	03-B44-0009
P	MORRIS G. MAIN	03-B44-0008
Q	MARK W. OWEN 1/2 INT. AND VIRGINIA BEALL KRUEZ 1/2 INT.	03-B38-0024
R	MARK W. OWEN 1/2 INT. AND VIRGINIA BEALL KRUEZ 1/2 INT.	03-B38-0019
S	JAMES K. AND MARTHA MAY SEABRIGHT	03-B39-0008
T	JAMES B. CALDWELL	03-B39-0009
U	JAMES R. AND LINDA R. GREATHOUSE	03-B39-0012
V	VICKI G. AND SHAWN P. HAMILTON	03-B44-0001
W	MILDRED MAIN	03-B44-0006
X	MILDRED MAIN	03-B44-0004
Y	CALVIN H. MYERS, JR.	370-018-00-0002-00
Z	ELIZABETH K. SCHOLLAERT	230-024-00-0008-00
AA	LARRY AND DEBBIE DOUGLAS	03-B44-0012
BB	ANTHONY BRUCE PARR, SANDRA L. PARR AND RAYMOND LEE PARR	230-024-00-0007-00
CC	ROBERT E. & JUDITH F. WRIGHT	023-00-00-0003-0

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN ^{R+}_A V+^o
Production Company™

OPERATOR'S SANDRA PARR BRK
 WELL #: 5H

DATE: 08-08-2019

DISTRICT: BUFFALO DISTRICT

COUNTY: BROOKE

STATE: WV

DRAWN BY: K.E.S.

SCALE: N/A

DRAWING NO: 172-289

WELL LOCATION PLAT 2