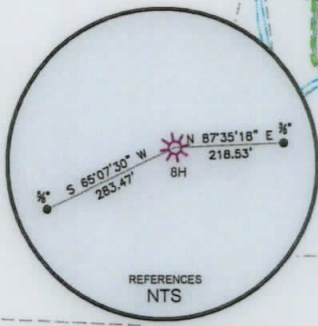




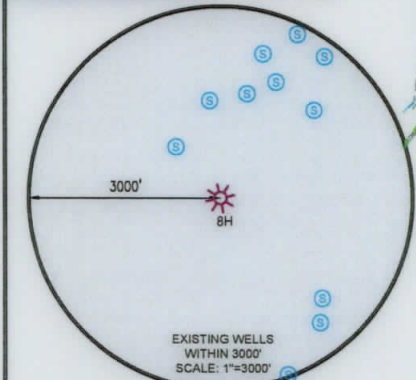
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119

Latitude: 40°12'30" (SHL) SURFACE HOLE 5999'
Latitude: 40°10'00" (BHL) BOTTOM HOLE 5540'

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,447,787.369 EASTING: 540,740.211
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,447,342.193 EASTING: 540,881.243
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,655.810 EASTING: 540,892.072
PERMIT SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,447,787.366 EASTING: 540,740.211
PERMIT LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,447,659.746 EASTING: 540,887.598
PERMIT BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,655.466 EASTING: 540,892.910



AS-DRILLED



2000 0 2000

GRAPHIC SCALE IN FEET

WELL RESTRICTIONS

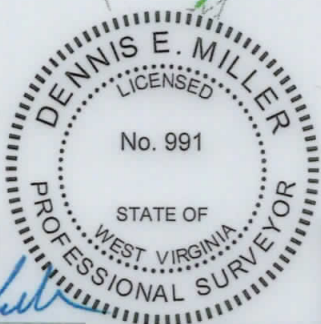
1. NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 969 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 800 FEET OF THE LIMITS 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.

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)

SANDRA PARR BRK
OPERATOR'S WELL #: 8H
API WELL #: 47 009 00259
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: BUFFALO CREEK ELEVATION: 1276.1'

DISTRICT: BUFFALO DISTRICT COUNTY: BROOKE QUADRANGLE: BETHANY

SURFACE OWNER: ANTHONY BRUCE PARR, ET AL ACREAGE: 132.00±

OIL & GAS ROYALTY OWNER: JOHN L. AND ANGELA LATIMER, HUSBAND AND WIFE, AND DEBORAH S. STARR, SINGLE ACREAGE: 132.00±

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: 6,453 TVD 13,571 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

LEGEND:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 07-10-2019
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊙ EXISTING / PRODUCING WELLHEAD	===== LEASE BOUNDARY		
LPL* LANDING POINT LOCATION	— ASDRILLED PATH		DRAWN BY: K.E.S.
⊙ EXISTING WATER WELL	— PROPOSED PATH		SCALE: 1" = 2000'
⊙ EXISTING SPRING			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	THE RANCH SPORTSMANS CLUB, INC., BY NICK MUSTACHIO, PRESIDENT	03-B49-0010
3	THE RANCH SPORTSMANS CLUB, INC., BY NICK MUSTACHIO, PRESIDENT DAN BRAGG, A MARRIED MAN DEALING IN HER SOLE AND SEPARATE PROPERTY DAWN L. BARNES, A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY, AND HUSBAND, JAY BARNES STEPHANIE A. SITAR, FKA STEPHANIE A. WHITTLE, A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY, AND HUSBAND, STAN SITAR MASTER MINERAL HOLDINGS II, LP	03-B49-0011
4	EDWARD JOHN COVEY AND ROSEMARY ANN COVEY, HUSBAND AND WIFE, JTWROS	03-B54-0008

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	ANTHONY BRUCE PARR, SANDRA L. PARR, RAYMOND LEE, NANCY J. PARR, MICHAEL MAHAN AND PAULA MAHAN	024-00-00-0007
B	ROBERT E. & JUDITH F. WRIGHT	023-00-00-0003-0
C	STEVE S. VOYTEK	230-023-00-00-0012-00
D	MARK S. & CAROL B. GRACY	023-00-00-0010-6
E	RITA V. JONES QTIP	016-00-00-0001-0
F	TIMOTHY ALAN RYAN	03-L60-0004
G	TIMOTHY ALAN RYAN	03-L60-0004
H	DOROTHY D. TUSTIN	03-L3-0003
I	DANIEL P. SR & VICKIE S. TUSTIN	03-L3-0003.1
J	DANIEL P. SR & VICKIE S. TUSTIN	03-L3-0002.3
K	JOHN S. & N. FREEMAN	03-L3-0002.2
L	CHRISTOPHER J. & LELA G. COVEY	03-L3-0004
M	RICHARD P. FORSHEY	03-B54-0013
N	RICHARD P. FORSHEY	03-B54-0012
O	EDWARD JOHN & ROSEMARY ANN COVEY	03-B54-0011
P	EDWARD JOHN & ROSEMARY ANN COVEY	03-B54-0010
Q	EDWARD JOHN & ROSEMARY ANN COVEY	03-B54-0009
R	EVERETT L. CARMICHAEL	03-B54-0003
S	SHERRY ROUSE	03-B54-0004
T	SHERRY ROUSE	03-B54-0005
U	GEO & MARTHA DAGUE	03-B54-0006
V	GEO & MARTHA DAGUE	03-B54-0007
W	ROBERT E. JONES	03-B49-0012
X	PERRY J. & KAREN J. JONES	03-B49-0009
Y	CHARLES N. MUSTAHIO	03-B49-0011
Z	W VA DEPT OF NATURAL RESOURCES	03-B49-0007
AA	JAMES WARREN & PATRICIA MCKEEN	03-B49-0003
BB	ANTHONY PARR, SANDRA PARR, RAYMOND PARR, NANCY PARR, LEONARD BOYCE AND KAREN BOYCE	03-B49-0004
CC	LELAND MACKAY	03-B44-0014.1
DD	STATE OF WEST VIRGINIA, DEPARTMENT OF COMMERCE, DIVISION OF NATURAL RESOURCES, WILDLIFE RESOURCES SECTION	03-B44-0014

API WELL #: **47** **009** **00259**
 STATE COUNTY PERMIT

REVISIONS:	COMPANY:			
	OPERATOR'S	SANDRA PARR BRK	DATE: 07-10-2019	
	WELL #:	8H	DRAWN BY: K.E.S.	
	DISTRICT:	BUFFALO DISTRICT	COUNTY:	BROOKE
			STATE:	WV
				SCALE: N/A
				DRAWING NO: 172-289
				WELL LOCATION PLAT 2