

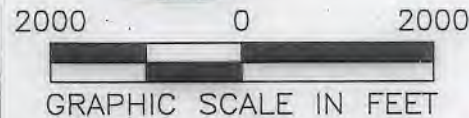
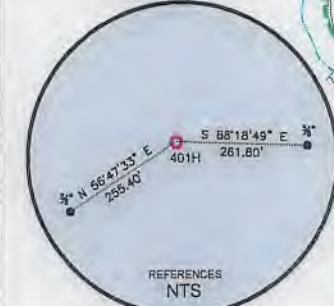
Latitude: 40°12'30" SURFACE HOLE 6043'

Latitude: 40°12'30" BOTTOM HOLE 10928'



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 (LPL), BOTTOM HOLE LOCATION (BHL). Each row contains UTM (NAD83, ZONE 17, METERS) coordinates for Northing and Easting.



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 and SWN Production Company™

State of West Virginia logo and WVDEP 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)

SANDRA PARR BRK
OPERATOR'S WELL #: 401H
API WELL #: 47 STATE, 009 COUNTY, 00265 PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]
WATERSHED: BUFFALO CREEK ELEVATION: 1276.2' Staked
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 [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: 6,416 TVD 16,725 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: P.O. BOX 1300 ADDRESS: P.O. BOX 1300
CITY: JANE LEW STATE: WV ZIP CODE: 26378 CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, LPL, EXISTING WATER WELL, EXISTING SPRING, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, PROPOSED PATH
REVISIONS: DATE: 8-21-2018
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	ACRES
1	ANTHONY BRUCE PARR, SANDRA L. PARR, RAYMOND LEE, NANCY J. PARR, MICHAEL MAHAN AND PAULA MAHAN (S)	03-B49-0005	132.26
	JOHN L. AND ANGELA LATIMER, HUSBAND AND WIFE AND DEBORHA S. STARR (R)	03-B49-0005	132.26
2	ANTHONY PARR, SANDRA PARR, RAYMOND PARR, NANCY PARR, LEONARD BOYCE AND KAREN BOYCE	03-B49-0004	20.00
3	WARREN JAMES AND PATRICIA MCKEEN	03-B49-0003	110.00
4	W VA DEPT OF NATURAL RESOURCES	03-B49-0007	209.48
5	WEST VIRGINIA BUREAU OF	03-B49-0001	15.07
6	CLIFFORD E. COUNSELLMAN	03-B49-0002	80.10
7	BETHANY COLLEGE	03-B44-0014	171.67
8	GENE CHARLES VALENTINE TRUST	03-B43-0028	478.439

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	VALENTINE GENE CHARLES TRUST	03-B43-0028	38.94
B	MAIN MORRIS G.	03-B44-0010	0.67
C	MAIN MORRIS G.	03-B44-0009	0.73
D	MAIN MORRIS G.	03-B43-0008	0.72
E	NEEL CURTIS LEE & LOUANN L.	03-B44-0007	5.16
F	MAIN MILDRED	03-B44-0006	9.41
G	CHARLES TOWARD JR. AND JAYME L. DEVOS	03-B44-0012	11.00
H	LELAND MACKAY	03-B44-0014.1	7.33
I	ANTHONY BRUCE PARR, SANDRA L. PARR, RAYMOND LEE, NANCY J. PARR, MICHAEL MAHAN AND PAULA MAHAN	024-00-00-0007	49.00
J	CHARLES N. MUSTAHIO	03-B49-0011	114.02
K	JONES PERRY J. & KAREN J.	03-B49-0009	2.55
L	JONES ROBERT E.	03-B49-0012	102.01
M	JONES PERRY J. & KAREN J.	03-B49-0009	2.55
N	YOUNG ROBERT L.	03-B49-0008.1	26.37
O	YOUNG ROBERT L.	03-B49-0008	26.37
P	WALDEN DANIEL E. & MARY VIRGINIA	03-B48-0037	2.13
Q	WALDEN DANIEL E.	03-B49-0006	1.69
R	MCNICHOLAS JOHN WALTER III	03-B48-0036	8.02
S	CLIFFORD E. COUNSELLMAN	03-B44-0013	12.59
T	DONNI SAMUEL J. & MELANE	03-B43-0057	20.79
U	BETHANY COLLEGE	03-B38-0031	93.00
V		03-B43-0049	
W	COLLINS RANDY L. & VANESSA J.	03-B43-0049.2	140.98
X	BETHANY COLLEGE	03-B38-0031	93.00
Y	ROBERT CLYDE B.	03-B43-0029	0.35

47-009-00265H6A

REVISIONS:	COMPANY:		
	OPERATOR'S	SANDRA PARR BRK	
	WELL #:	401H	
	DISTRICT:	COUNTY:	STATE:
	BUFFALO DISTRICT	BROOKE	WV
			DATE: 8-21-2018
			DRAWN BY: K.E.S.
			SCALE: N/A
			DRAWING NO: 172-289
			WELL LOCATION PLAT 2