

Latitude: 40°12'30" (SHL)

SURFACE HOLE 6043'

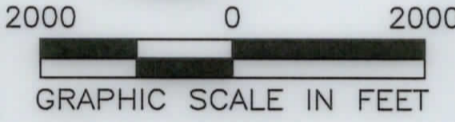
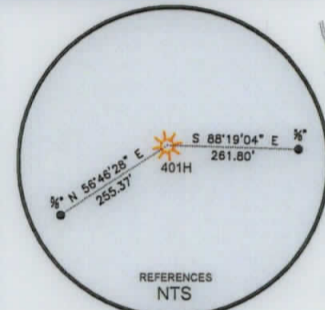
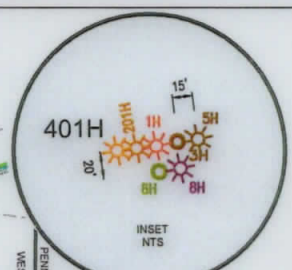
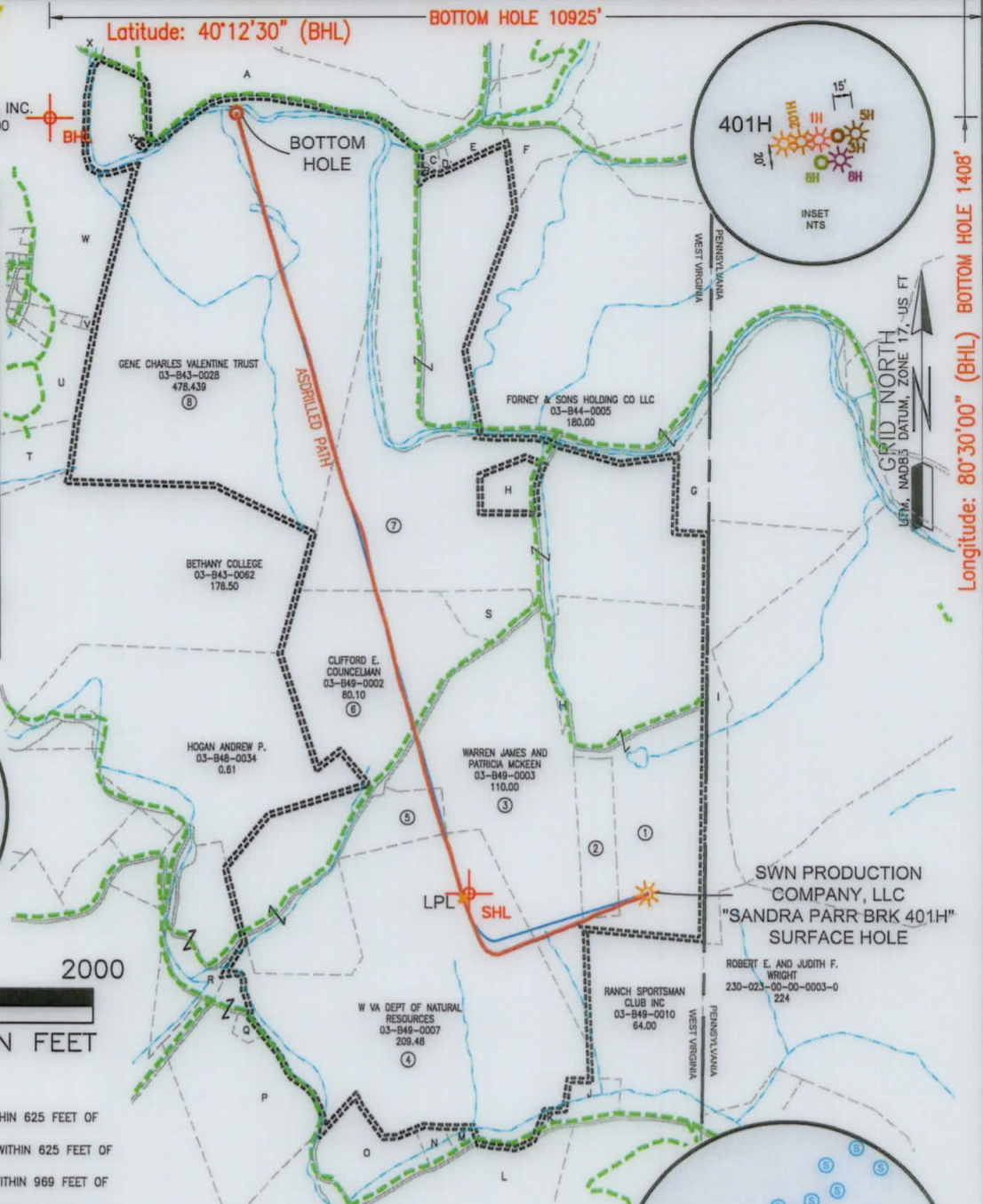
Latitude: 40°12'30" (BHL)

BOTTOM HOLE 10925'



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

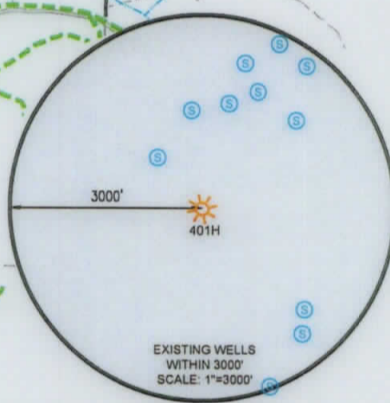
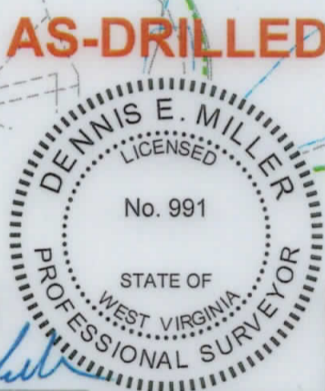
Table with 4 columns: Location Type, UTM (NAD83, Zone 17, Meters), Northing, Easting. Rows include Surface Hole Location (SHL), Landing Point Location (LPL), Bottom Hole Location (BHL), and Permit versions for each.



- 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.



STATE OF WEST VIRGINIA seal and WVDEP address: 601 57TH STREET CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200 SURVEY GRADE GPS OF ELEVATION: (NAVD 88, US FT)

COMPANY: SWN Production Company, LLC

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 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) ASDRILLED TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,244 TVD 16,794 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, ASDRILLED PATH, PROPOSED PATH. REVISIONS: DATE: 07-10-2019. 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	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. COUNCELMAN	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 MACKKEY	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. COUNSELMAN	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

API WELL #: **47**      **009**      **00265**  
 STATE      COUNTY      PERMIT

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