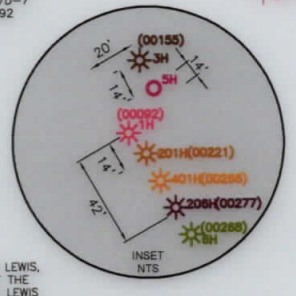
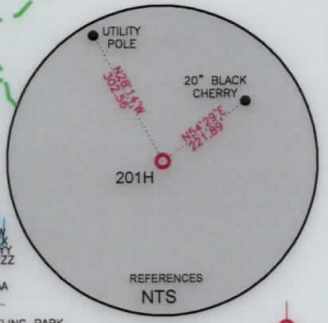
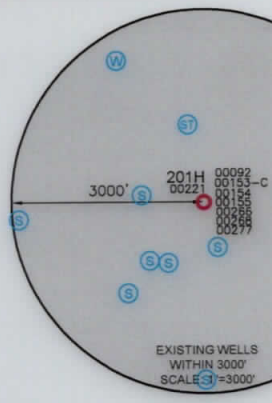
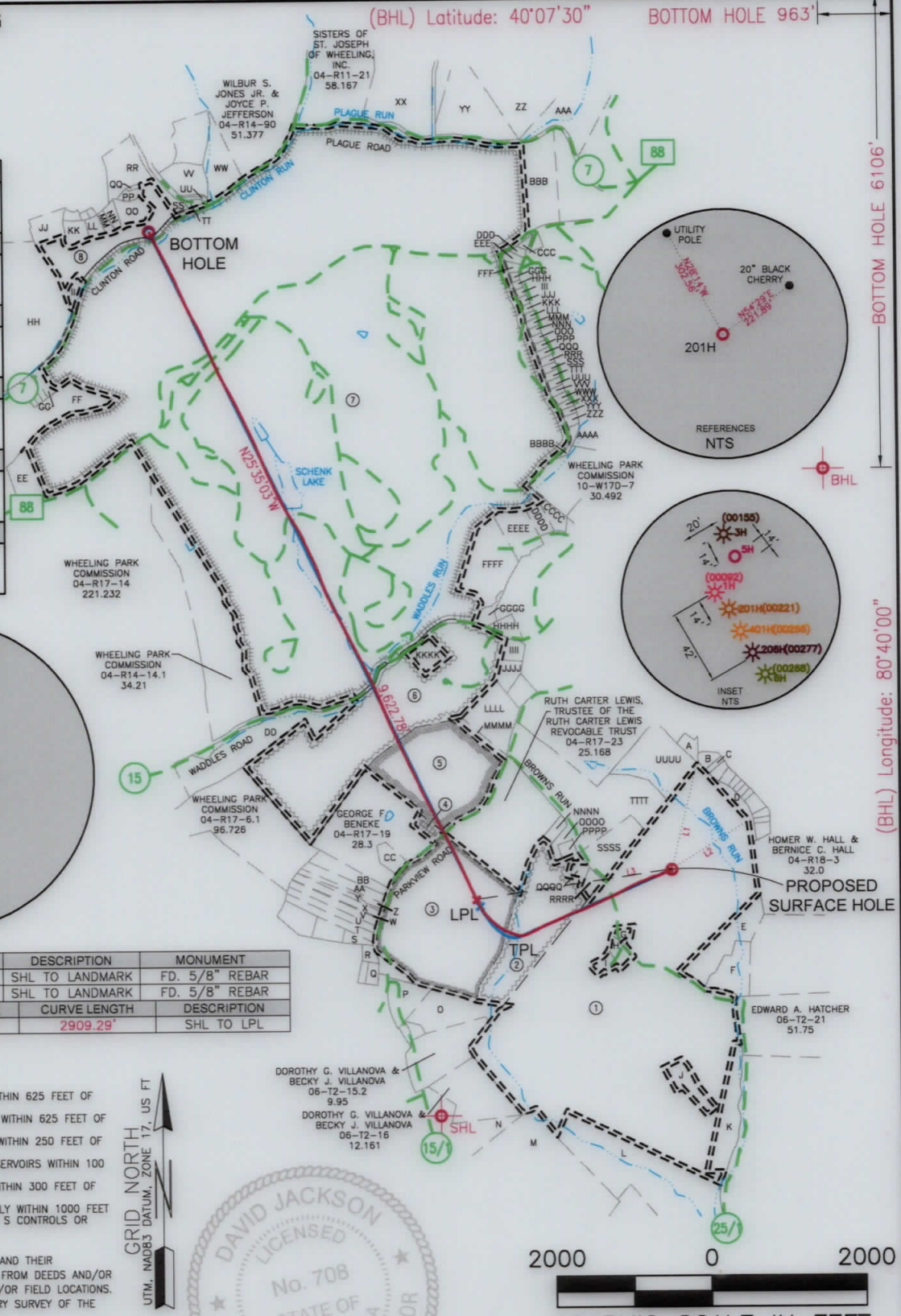


(SHL) Latitude: 40°07'30" SURFACE HOLE 5,966'
 (BHL) Latitude: 40°07'30" BOTTOM HOLE 963'

JACKSON SURVEYING INC.

P.O. Box 1460
 677 W. Main St.
 Clarksburg, WV 26302
 304-623-5851

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,290.478 EASTING: 530,151.197
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,150.514 EASTING: 529,395.432
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,816.955 EASTING: 528,117.464
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,290.450 EASTING: 530,151.293
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,177.344 EASTING: 529,381.418
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,822.794 EASTING: 528,114.825



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 12°56'45" E	1409.98'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	N 57°22'27" E	1,205.83'	SHL TO LANDMARK	FD. 5/8" REBAR
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 81°38'32" W	2552.94'	2909.29'	SHL TO LPL

WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- 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

- 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.
 - THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 - 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. 708 *David L. Jackson*



COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC OPERATOR'S WELL #: 201H API WELL #: 47 STATE, 069 COUNTY, 00221 PERMIT
	WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	WATERSHED: BROWNS RUN OF PETERS RUN OF LITTLE WHEELING CREEK DISTRICT: TRIADELPHIA COUNTY: OHIO SURFACE OWNER: TIMMY B. MINCH & AMY L. MINCH OIL & GAS ROYALTY OWNER: TIMMY B. MINCH & AMY L. MINCH

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: 6,087 TVD 16,683 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:	SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY ASDRILLED PATH PROPOSED PATH	REVISIONS: DATE: 02-28-2019 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
----------------	---	--

**JACKSON SURVEYING
INC.**

P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	TIMMY B. MINCH & AMY L. MINCH (S/R)	06-T2-18	254.38
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
2	CHARLES MONFRADI & DOLORES MONFRADI (S)	04-R17-58	29.84
3	RICHARD P. CARTER (S)	04-R17-23.3	63.27
4	NADA E. BENEKE (S)	04-R17-22	1.83
5	SHANNON FIELDS, L.L.C. (S)	04-R17-23.2	35.07
6	CORNERSTONE FAMILY SERVICES OF WEST VIRGINIA, LLC	04-R17-8	76.978
7	WHEELING PARK COMMISSION (S)	04-R14-15	1067.71
8	ELIAS E. JOSEPH & ELIZABETH A. JOSEPH (S)	04-R14A-53	26.92

ADJOINING OWNERS TABLE				ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES	TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	JON BARRY & JAYMIE BARRY	04-R17D-3	0.91	XX	SISTERS OF ST. JOSEPH OF WHEELING, INC.	04-R11-20	39.269
B	V.J. SOVINSKI & H.G. SOVINSKI	04-R17D-28	0.73	YY	PARKS SYSTEM TRUST FUND OF WHEELING	04-R11-21.3	23.8
C	J.G. DEEDS & M.K. GARRISON	04-R17D-30	0.37	ZZ	WHEELING PARK COMMISSION	04-R14-91	18.0
D	MICHAEL DOUGLAS GATES	04-R17D-1	93.53	AAA	WHEELING PARK COMMISSION	04-R14-20.4	7.368
E	RONALD J. POCKL	06-T2-20.1	4.92	BBB	WHEELING PARK COMMISSION	04-R14-15.2	11.0
F	DIANE C. WOJCHOWSKI	06-T2-20	4.08	CCC	WILLIAM J. HOSFELT & P.K. HOSFELT	10-W12D-2	0.3350
G	SHAWN A. HODGSON & LESLIE G. HODGSON	04-R17-62	0.53	DDD	CHARLES M. RANSOM	10-W12D-1	0.3696
H	DANNY MINCH & GINA MINCH	04-R17-61	1.29	EEE	ROBERT A. GALBRAITH & PATRICIA GALBRAITH	10-W14D-1	0.4885
I	HOWARD L. MINCH & BEVERLY G. MINCH	04-R17-63	0.81	FFF	DOROTHY SATTERFIELD	10-W14D-2	0.4672
J	JUNIPER LODGE, INC.	06-T2-19	2.35	GGG	ROBERT A. TUCKER & R. TUCKER	10-W14D-3	0.3109
K	WILLIAM A. ORUM & CYNTHIA E. ORUM	06-T2-19.1	6.0	HHH	BETTY J. MCKINLEY	10-W14D-4	0.258
L	WILLIAM A. ORUM & CYNTHIA ORUM	06-T7-178	40.0	III	CAROLYN MORTELL	10-W14D-5	0.275
M	WHEELING PARK COMMISSION	06-T7-95	74.405	JJJ	RAYMOND C. GEORGE & E.A. GEORGE	10-W14D-6	0.2868
N	LUANN DANEHART & ARTHUR W. DANEHART, JR.	06-T2-16.2	11.155	KKK	DAVID V. RIGGS & KERRIE L. RIGGS	10-W14D-7	0.3056
O	GLORIA J. KALB	06-T2-15.3	8.425	LLL	TONY A. ROBINSON	10-W14D-8	0.3159
P	GLORIA J. KALB	06-T2-14	3.46	MMM	JASON TREUMAN	10-W14D-9	0.3023
Q	RICHARD P. CARTER & KIM M. CARTER	04-R17-23.1	0.838	NNN	MARTIN M. KUHAR & D.J. KUHAR	10-W14D-10	0.3053
R	SHASHI R. URVAL & MONISH URVAL	06-T2J-1	0.5498	OOO	KURT LATOUR & JUDY C. LATOUR	10-W14D-11	0.3030
S	MATTHEW GOMPERS & VICTORIA GOMPERS	04-R17-10.2	2.0	PPP	PAULA CRAGO PEARCE	10-W14D-12	0.3306
T	HARRY S. FISHER & BARBARA J. FISHER	04-R17-11.1	2.85	QQQ	HENRY R. KUHENS & M.L. KUHENS	10-W14D-13	0.3581
U	HARRY S. FISHER & BARBARA J. FISHER	04-R17-11	2.87	RRR	KATHLEEN SAFCSAK	10-W14D-14	0.3673
V	CARL D. BURKLAND III & JOLIN H. BURKLAND	04-R17-12	2.83	SSS	DAVID D. DOEPKEN & CHRISTINE B. DOEPKEN	10-W14D-15	0.3535
W	CARL D. BURKLAND III & JOLIN H. BURKLAND	04-R17-13.1	0.28	TTT	MICHAEL F. DUPLAGA & MARISSA A. YOHO	10-W14D-16	0.345
X	GUNTHER F. HEMPELMAN & M.E. HEMPELMAN	04-R17-13	1.9235	UUU	CHARLES NEUMAN & B.J. WOTRING	10-W14D-17	0.3444
Y	COLUMBIA GAS TRANSMISSION CORP.	04-R17-15	0.0399	VVV	MARK K. YOUNG & SAMANTHA YOUNG	10-W14D-18	0.3421
Z	GUNTHER F. HEMPELMAN & M.E. HEMPELMAN	04-R17-13	1.9235	WWW	DANIEL S. PETRI & D. PETRI	10-W14D-19	0.366
AA	JEREMY A. SCHREIBER	04-R17-16	2.48	XXX	ROBERT L. WATSON & J.T. WATSON	10-W17D-2	0.352
BB	CRAIG V. OLEARY & EMMA L. OLEARY	04-R17-17	3.49	YYY	STEPHEN L. HANNA & C.H. HANNA	10-W17D-3	0.4231
CC	THOMAS JOHN & MICHELLE JOHN	04-R17-20	1.90	ZZZ	DAVID W. MILLER & PETER J. JUNKERSFELD	10-W17D-4	0.67
DD	GACS, L.P.	10-W27A-01	16.8	AAAA	DAVID W. MILLER & PETER J. JUNKERSFELD	10-W17D-5	0.43
EE	JEFFREY S. SCHULTZ	04-R14-13	4.09	BBBB	JAMES C. MCBANE TRUSTEE	10-W17D-6	0.33
FF	WHEELING PARK COMMISSION	10-W17A-01	17.24	CCCC	SAMUEL J. LAPP II & HEATHER A. LAPP	04-R14-50.1	1.93
GG	JOHN M. PELUCHETTE & C.L. PELUCHETTE	04-R14J-01	0.772	DDDD	KATHLEEN M. GOMPERS	04-R14-50.3	1.772
HH	EDWARD P. POLACK	04-R14-95	56.335	EEEE	KATHLEEN M. GOMPERS	04-R14-50.2	5.371
II	THOMAS E. ALLEN	04-R14E-04	0.4677	FFFF	HARIETTE E. FRIEND & L. EDWARD FRIEND II	04-R14-51	11.31
JJ	FRANK A. DUSCH (LIFE)	04-R14E-01	2.9472	GGGG	EDWARD T. HITCHMAN III & HELEN G. HITCHMAN	04-R14-53	1.30
KK	ELIAS EDW. JOSEPH	04-R14E-05	1.5092	HHHH	EDWARD T. HITCHMAN III & HELEN G. HITCHMAN	04-R14-67	1.75
LL	ELIAS E. JOSEPH - 1999	04-R14E-06	0.9266	IIII	WENDY K. ELSWICK	04-R17-59.1	1.438
MM	ELIAS E. JOSEPH	04-R14E-6.1	0.6401	JJJJ	DONALD R. EDDY & M.M. EDDY	04-R17-59.2	2.295
NN	ELIAS E. JOSEPH	04-R14E-07	1.0216	KKKK	ERIN M. THALMAN	04-R17-8.1	3.237
OO	RICHARD E. THOMPSON & N.A. THOMPSON	04-R14E-08	2.3453	LLLL	JAMES R. MULL	04-R17-24	8.79
PP	RICHARD E. THOMPSON & N.A. THOMPSON	04-R14A-53.3	0.4709	MMMM	EARL P. HUFFNER	04-R17-24.1	1.0
QQ	MARGARET J. AISQUITH	04-R14A-199	0.1268	NNNN	JOAN L. SCHENERLEIN	04-R17-58.5	1.0
RR	ROBERT D. KENNAN & DELILAH L. KENNAN	04-R14A-53.7	6.2365	OOOO	REX D. LASURE & N.A. ENDRIZZI	04-R17-58.4	1.0
SS	JAMES A. SCHMITT	04-R14-4.6	4.75	PPPP	REX D. LASURE & N.A. ENDRIZZI	04-R17-58.3	0.75
TT	JAMES A. SCHMITT	04-R14-4.5	4.752	QQQQ	JAMES HOHMAN & M. HOHMAN	04-R17-58.2	0.75
UU	WHITMAR HILL II HOMEOWNERS ASSOCIATION, INC.	04-R11-2.3	2.33	RRRR	TIMMY B. MINCH & AMY L. MINCH	04-R17-58.1	1.0
VV	JOSEPH M. MELIA & J.M. MELIA	04-R14-6.1	4.68	SSSS	ROBERT WILLIAM MINCH, JR & BARBARA JEAN MINCH	04-R17-57.2	6.29
WW	PAMELA SURE HARROLD C/O GC&P ANIMAL HOSPITAL, INC	04-R14-6	8.93	TTTT	ROBERT WILLIAM MINCH, JR. & HERBERT PAUL MINCH	04-R17-57	31.33
				UUUU	GEORGE O. NUTTING	04-R17-57.1	6.29

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN ^{R-V+}_A
Production Company™

OPERATOR'S: TIMMY MINCH OHI

API #

DATE: 02-28-2019

WELL #: 201H

47-069-00221

DRAWN BY: N. MANO

DISTRICT: TRIADLPHIA

COUNTY: OHIO

STATE: WV

SCALE:

DRAWING NO:
WELL LOCATION PLAT 2