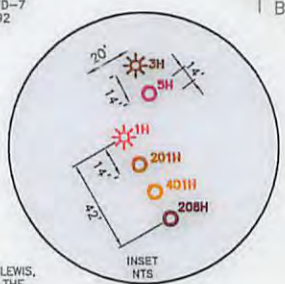
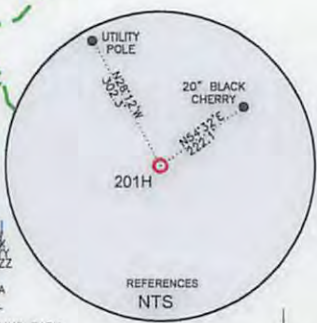
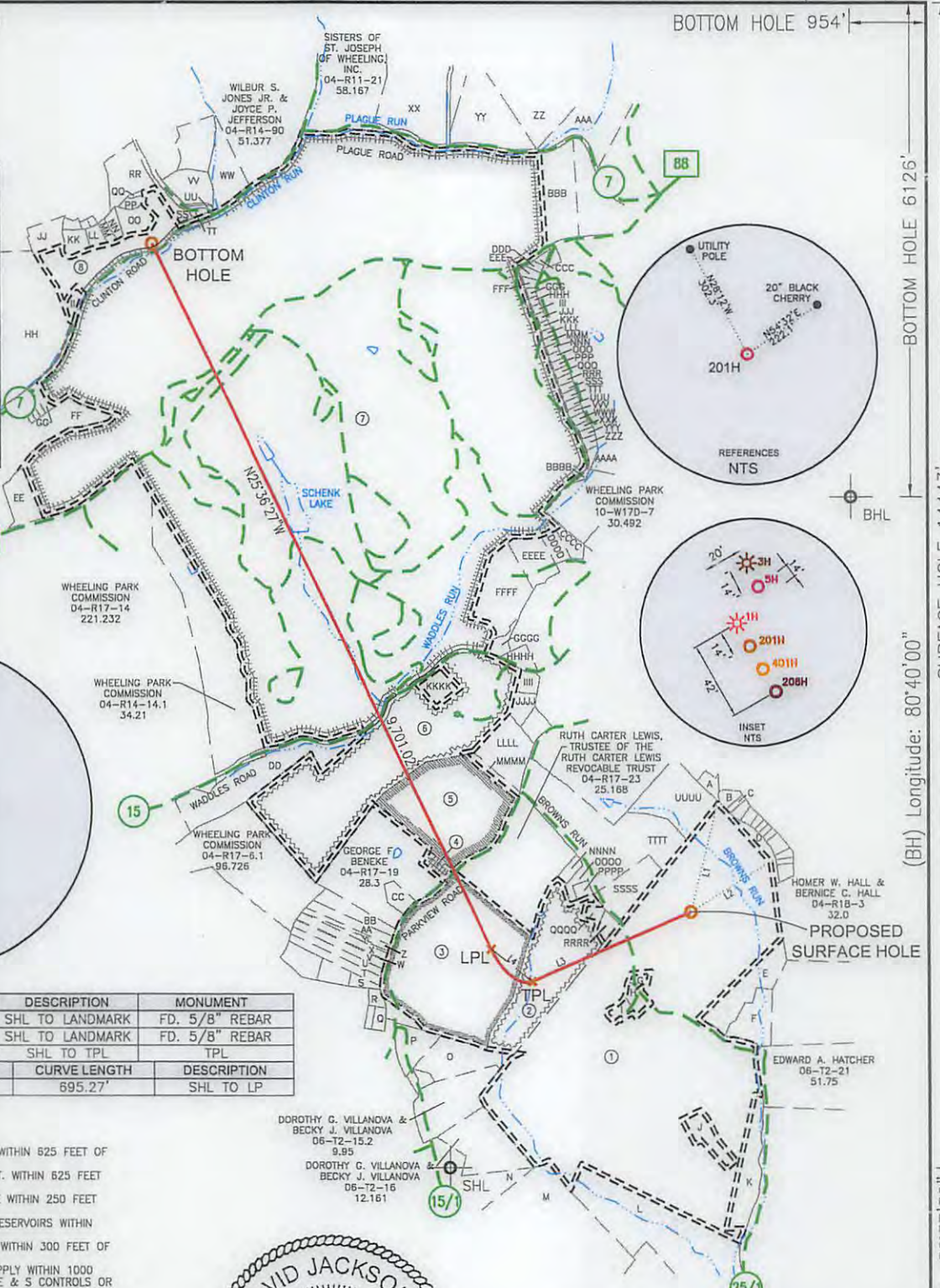
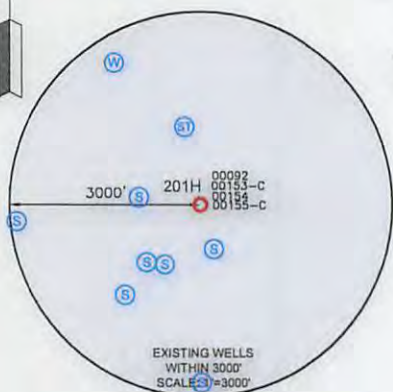


JACKSON SURVEYING INC.

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
TURNING POINT LOCATION (TPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,437,029.889
EASTING: 529,550.551
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

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



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 12°57'33" E	1409.96'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	N 57°23'09" E	1,206.04'	SHL TO LANDMARK	FD. 5/8" REBAR
L3	S 66°32'47" W	2,148.094'	SHL TO TPL	TPL
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L4	N 52°07'49" W	644.65'	695.27'	SHL TO LP

WELL RESTRICTIONS

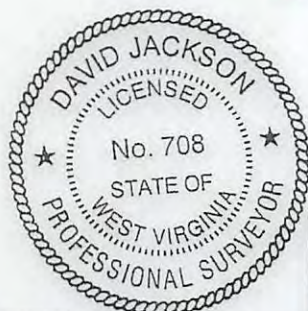
- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF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



2000 0 2000

GRAPHIC SCALE IN FEET

COMPANY:

SWN
Production Company, LLC

SWN
Production Company™

(+) 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 SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

OPERATOR'S WELL #: TIMMY MINCH OHI 201H

API WELL #: 47 STATE 069 COUNTY 00221H6A PERMIT

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

WATERSHED: BROWNS RUN OF PETERS RUN OF LITTLE WHEELING CREEK ELEVATION: 1,208.1'

DISTRICT: TRIADELPHIA COUNTY: OHIO QUADRANGLE: WHEELING, WV

SURFACE OWNER: TIMMY B. MINCH & AMY L. MINCH ACREAGE: ±254.38

OIL & GAS ROYALTY OWNER: TIMMY B. MINCH & AMY L. MINCH ACREAGE: ±254.38

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,076 **07/07/2017**

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHALL

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:		
LPL		



69-00221 H6A

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

07/07/2017

REVISIONS:	COMPANY:	 	
	OPERATOR'S	TIMMY MINCH OHI	DATE: 04-21-2017
	WELL #:	201H	DRAWN BY: N. MANO
	DISTRICT:	TRIADPHIA	SCALE:
	COUNTY:	OHIO	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 2