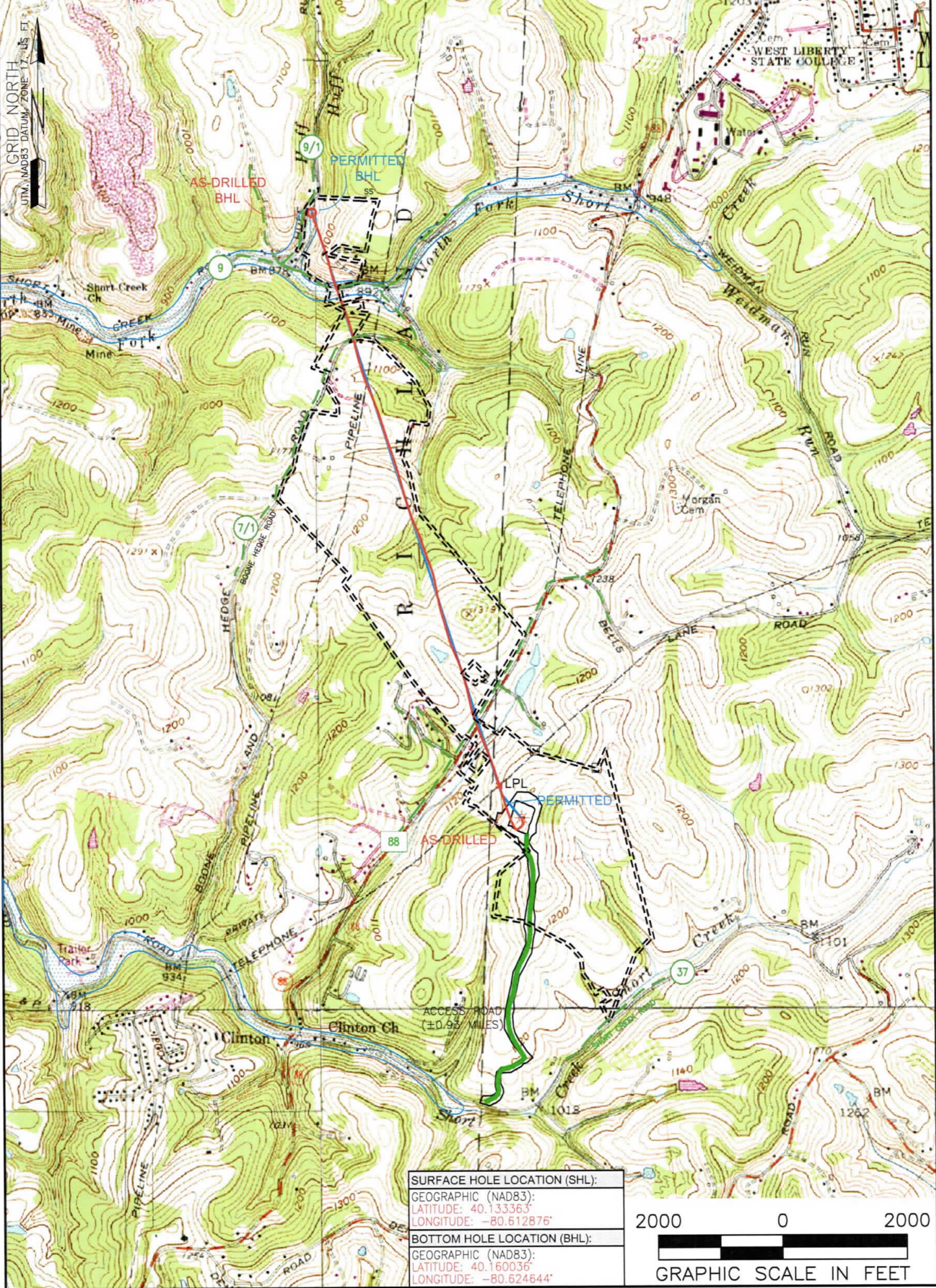


**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.133363°
LONGITUDE: -80.612876°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.160036°
LONGITUDE: -80.624644°

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.

LEGEND:	ACCESS ROAD
PROPOSED SURFACE HOLE / BOTTOM HOLE	PUBLIC ROAD
EXISTING / PRODUCING WELLHEAD	ACCESS ROAD TO PREV. SITE
LPL x LANDING POINT LOCATION	LEASE BOUNDARY
FLOOD PLAIN	PROPOSED PATH
	ASDRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: DALLAS HALL OHI	WELL # 3H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD, SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; LIBERTY	
SURFACE OWNER: AGNES L. HALL	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV	API # 047-069-00271	

Latitude: 40°10'00" SURFACE HOLE 8,260'

Latitude: 40°10'00" BOTTOM HOLE 11,546'

JACKSON SURVEYING INC.

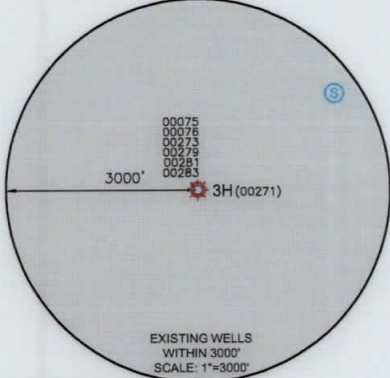
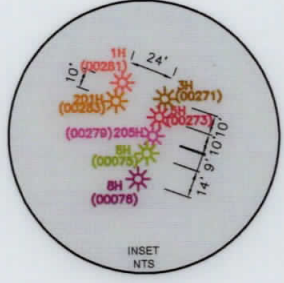
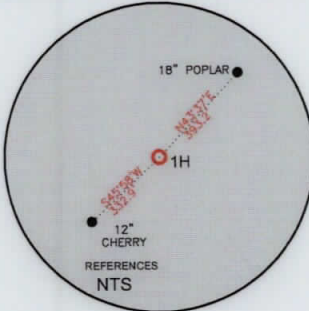
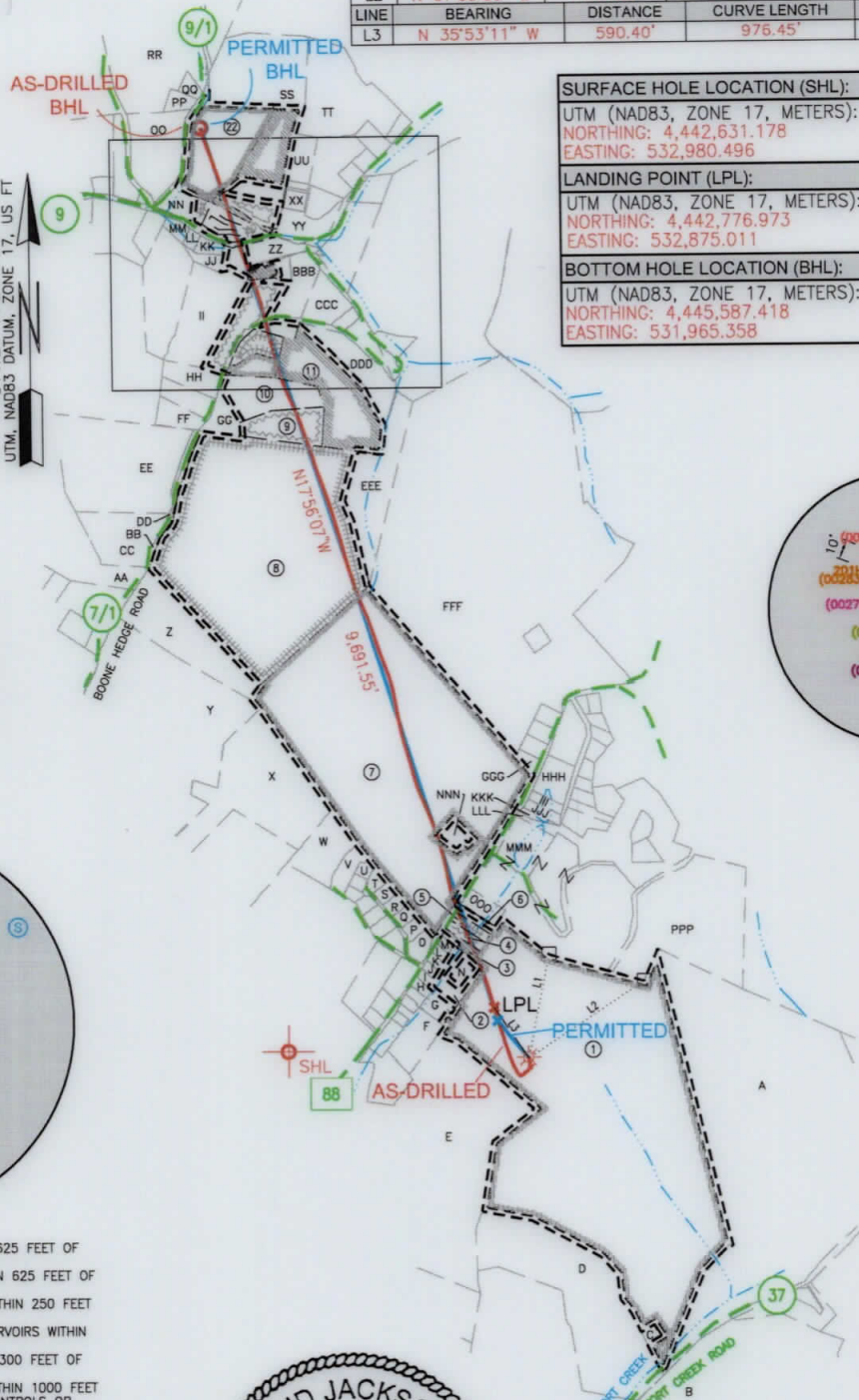
2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 11°15'04" E	1099.36'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	N 57°33'35" E	1447.85'	SHL TO LANDMARK	36" BLACK CHERRY
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 35°53'11" W	590.40'	976.45'	SHL TO LP

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,442,631.178	EASTING: 532,980.496
LANDING POINT (LPL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,442,776.973	EASTING: 532,875.011
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,445,587.418	EASTING: 531,965.358

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,442,631.210	EASTING: 532,980.620
LANDING POINT (LPL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,442,748.790	EASTING: 532,882.880
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,445,587.490	EASTING: 531,968.160

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



WELL RESTRICTIONS

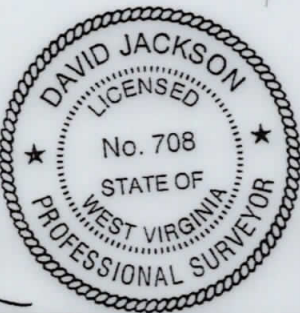
- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS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

(+) 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)

COMPANY: **SWN** Production Company, LLC

DALLAS HALL OHI

OPERATOR'S WELL #: 3H

API WELL #: 47 069 00271

STATE COUNTY PERMIT

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

WATERSHED: SHORT RUN-OHIO RIVER (HUC-10) ELEVATION: 1274.5'

DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: BETHANY, WV

SURFACE OWNER: AGNES L. HALL ACREAGE: ±162.58

OIL & GAS ROYALTY OWNER: AGNES L. HALL ACREAGE: ±162.58

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: 6,139 TVD 16,239 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT RD. SUITE 200 ADDRESS: 1300 FORT PIERPONT RD. SUITE 200



CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 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: 07-09-2019 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT

**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851



REVISIONS:	COMPANY:		 	
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:	DATE: 07-09-2019
	WELL #:	3H	47-069-00271	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	LIBERTY	OHIO	WV	DRAWING NO:
				WELL LOCATION PLAT 2



**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
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304-623-5851

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	AGNUS J. HALL (S/R)	03-L7-19
TRACT	SURFACE OWNER	TAX PARCEL
2	MATHEW H. GOSSETT (S)	04-R12B-01
3	GEORGE STROMATOS (S)	03-L4-24
4	GEORGE STROMATOS (S)	03-L4-24.1
5	GEORGE STROMATOS (S)	03-L4-24.2
6	DAVID G. RUTHERS & LINDA F. RUTHERS (S)	03-L4-22
7	LILLIAN W. BROWN TRUST (S)	03-L4-1.1
8	CLAIRE M. CAENEY (S)	04-R9-03
9	MARK J. SWIGER & DAWN S. SWIGER (S)	04-R9-22.15
10	GEORGE E. WOOD & CAROL A. WOOD (S)	04-R9-22.16
11	JOHN C. RATCLIFFE (S)	04-R9-22.20
12	JOHN C. RATCLIFFE & KATHY J. RATCLIFFE (S)	04-R9-22.17
13	JEFFREY C. TAYLOR & GINGER K. TAYLOR (S)	04-R9-22.18
14	JEFFREY C. TAYLOR & G.K. TAYLOR (S)	04-R9-20
15	RODNEY W. HALEY & RHONDA L. HALEY (S)	04-R9-22.8
16	JOSHUA M. KLAPKA (S)	04-R9-19
17	BRANDON C. GALLOWAY & CYNTHIA A. GALLOWAY (S)	04-R6-39.1
18	LESLIE A. HUNT (S)	04-R6-29
19	LUTHER R. SMITH, JR. & E.L. SMITH (S)	04-R6-39
20	NICOLE L. CARENBAUER (S)	04-R6-28.6
21	DOUGLES HUDSON & JACQUELINE HUDSON (S)	04-R6-28.7
22	WINDELL H. GOFF II & GLADYS GOFF (S)	04-R6-24.3

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MARY HELEN CLISER, TRUSTEE	03-L7-02
B	WHITAKER REVOCABLE FAMILY TRUST	03-L7-27
C	AGNES L. HALL	03-L7-01
D	AGNES L. HALL	03-L7-20
E	AGNUS J. HALL	03-L7-21.1
F	JOHN R. PYLE, SR. & T.A. PYLE	04-R12B-1.1
G	STEVE KELLAS	04-R12B-1.5
H	MARK A. KOZUSNIK	04-R12B-1.8
I	DAVID L. TAYLOR & ESTELLA TAYLOR	04-R12B-04
J	DAVID L. TAYLOR & ESTELLA ANN TAYLOR	04-R12B-1.7
K	PATRICIA A. MERCER	04-R12B-03
L	LARRY N. BECK & JANE K. BECK	04-R12B-07
M	ERIC N. BLEND	03-R12B-02
N	DENNIS M. GUMAER & DANACA L. GUMAER	03-R12B-1.6
O	JAMES W. FRIO & KAREN L. FRIO	04-R9-47
P	S.A. WARREN & W.S. WARREN	04-R9-46
Q	DAVID W. SONNEFELD & TERRI A. SONNEFELD	04-R9-45
R	DAVID W. SONNEFELD & TERRI A. SONNEFELD	04-R9-44
S	TYLER P. BECK	04-R9-43
T	MARK E. PISSOS & J.L. PISSOS	04-R9-42
U	GARY S. LATOS & C.M. LATOS	04-R9-41
V	CLARK PAJAK & SHARON L. PAJAK	04-R9-32.1
W	CLARK PAJAK & SHARON L. PAJAK	04-R9-28
X	RCK 2 GROUP, LLC	04-R9-27
Y	LA DONNA MARTIN EVANS	04-R9-3.5
Z	WESBANCO TRUST & INVESTMENT SERVICE	04-R9-16.1
AA	JORDAN WEBER & GAYLE WEBER	04-R9-09
BB	CLAIRE M. CAENEY	04-R9-10.2
CC	DAVID B. MAIN & L.M. MAIN	04-R9-10
DD	DAVID B. MAIN & LISA M. MAIN	04-R9-3.6
EE	DAVID B. MAIN & L.M. MAIN	04-R9-10.1
FF	CHARLES R. KELLAM & PHYLLIS J. KELLAM	04-R9-22.13
GG	MARK J. SWINGER & DAWN S. SWINGER	04-R9-22.14
HH	CHARLES R. KELLAM & PHYLLIS J. KELLAM	04-R9-22.11

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
II	JAMES L. WEST, SR. & KATHY L. WEST	04-R9-22.7
JJ	BRANDON C. GALLOWAY & CYNTHIA A. GALLOWAY	04-R6-39.2
KK	EDWARD A. SMITH	04-R6-39.4
LL	ROBERT W. OCHSENBEIN	04-R6-39.3
MM	JOHN D. CRUPE & J.D. CRUPE	04-R6-38
NN	RICHARD LEE CRABTREE	04-R6-24
OO	RICHARD A. WOOD, JR	04-R6-24.6
PP	WINDSOR COAL COMPANY	04-R6-25
QQ	STELLA M. BRYAN & KATHLEEN J. BRYAN	04-R6-17.1
RR	SHORT CREEK COAL CO.	04-R6-17.4
SS	WENDELL H. GOFF II & GLADY S. GOFF	04-R6-27.1
TT	RANDALL L. CRABTREE & CYNTHIA S. KOVALSKI	04-R6-27.3
UU	RANDALL CRABTREE	04-R6-28.8
VV	RANDALL L. CRABTREE & CYNTHIA S. KOVALSKI	04-R6-28.9
WW	DOUGLAS HUDSON & JACQUELINE HUDSON	04-R6-28.3
XX	RALPH D. ROBINSON, JR. & GA ROBINSON	04-R6-28.2
YY	RALPH D. ROBINSON, JR. & GRACE A. ROBINSON	04-R6-27
ZZ	ROBERT L. JEWELL II & JENNIFER J. JEWELL	04-R6-40
AAA	VELMA L. TAGGART	04-R9-18
BBB	LARRY BOYNES & TERRY BOYNES	04-R9-22.9
CCC	CARLA DIETRICH	04-R9-21.1
DDD	JOHN C. RATCLIFFE	04-R9-22.21
EEE	PAUL M. MCKAY & DEBORAH A. MCKAY	04-R9-51
FFF	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-01
GGG	REBECCA L. BLAKE	03-L4-1.7
HHH	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-10.1
III	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-10
JJJ	JAMES F. ROSE & ANN C. ROSE	03-L4-12
KKK	JAMES F. ROSE & ANN C. ROSE	03-L4-14
LLL	DAVID M. WEAVER & BETH R. WEAVER	03-L4-13
MMM	DAVID M. WEAVER & BETH R. WEAVER	03-L4-15
NNN	ROBERT E. BROWN	03-L4-1.3
OOO	YE M. HLA & EI E. MYINT	03-L4-20
PPP	CATHERINE EVANS & DAVID EVANS	03-L4-13.1

REVISIONS:	COMPANY:	 		
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:	DATE: 07-09-2019
	WELL #:	3H	47-069-00271	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	LIBERTY	OHIO	WV	DRAWING NO:
				WELL LOCATION PLAT 3