

Latitude: 40°05'00"

SURFACE HOLE 4,133'

Latitude: 40°07'30"

BOTTOM HOLE 1,145'

JACKSON SURVEYING INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

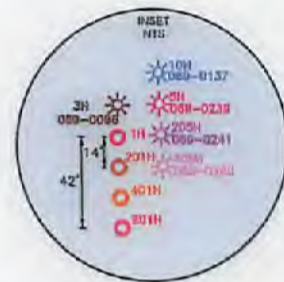
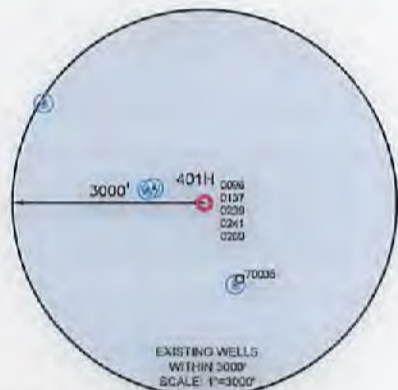
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



Table with 2 columns: Location Name and UTM Coordinates (Northing, Easting). Rows include Surface Hole Location (SHL), Landing Point Location (LPL), and Bottom Hole Location (BHL).

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Rows include L1, L2, and L3.

Longitude: 80°37'30" BOTTOM HOLE 2,738'
Longitude: 80°35'00" SURFACE HOLE 1,452'



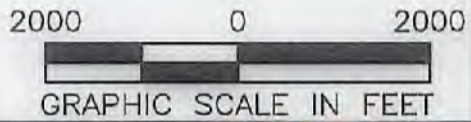
WELL RESTRICTIONS

- 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 250 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 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. 708

David L Jackson

COMPANY: SWN Production Company, LLC. 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)

OCC-A OHI
OPERATOR'S WELL #: 401H
API WELL #: 47 STATE, 069 COUNTY, 00342 PERMIT

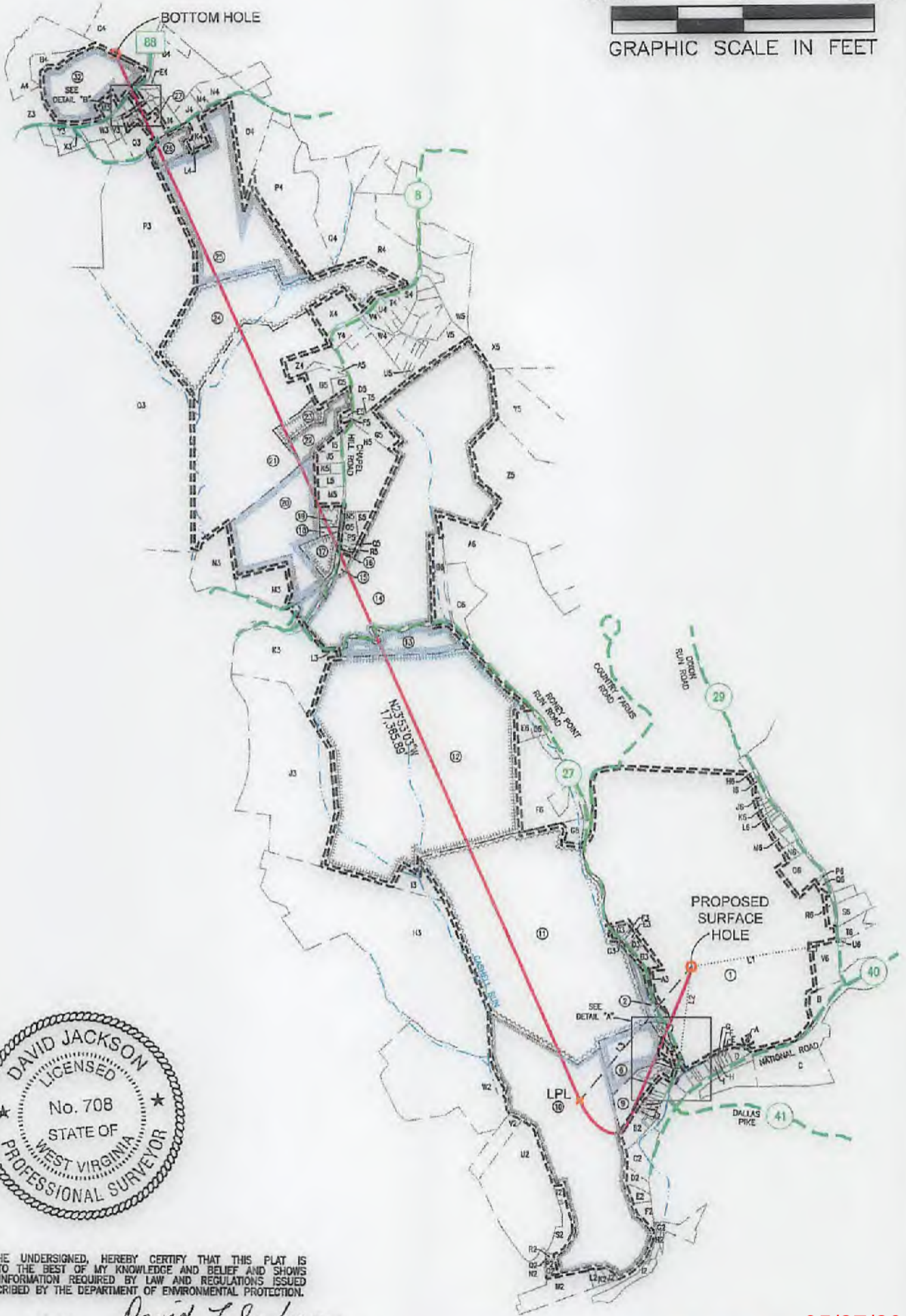
WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]
WATERSHED: RONEY POINT RUN OF LITTLE WHEELING CREEK OF WHEELING CREEK (HUC-10) ELEVATION: 1095.2'
DISTRICT: TRIADELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE, WV
SURFACE OWNER: THE BOARD OF COMMISSIONERS OF THE COUNTY OF OHIO ACREAGE: ±262.85
OIL & GAS ROYALTY OWNER: THE BOARD OF COMMISSIONERS OF THE COUNTY OF OHIO ACREAGE: ±262.85
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: 6,218 TVD 24,892 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 ADDRESS: 1300 FORT PIERPONT ROAD, 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
LANDING POINT LOCATION
EXISTING WATER WELL
EXISTING SPRING
SURVEYED BOUNDARY
DRILLING UNIT
LEASE BOUNDARY
PROPOSED PATH

Table with 2 columns: REVISIONS, DATE. Row 1: DATE: 04-15-2022, DRAWN BY: N. MANO, SCALE: 1" = 2000', DRAWING NO., WELL LOCATION PLAT

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-823-5851



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P.S. 708 *David L Jackson*

05/27/2022

REVISIONS:	COMPANY:		
	OPERATOR'S	OCC-A OHI	DATE: 04-15-2022
	WELL #:	47-064-00842 401H	DRAWN BY: N. MANO
	DISTRICT:	TRIADELPHIA	SCALE: N/A
	COUNTY:	OHIO	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 2

**JACKSON SURVEYING
INC.**

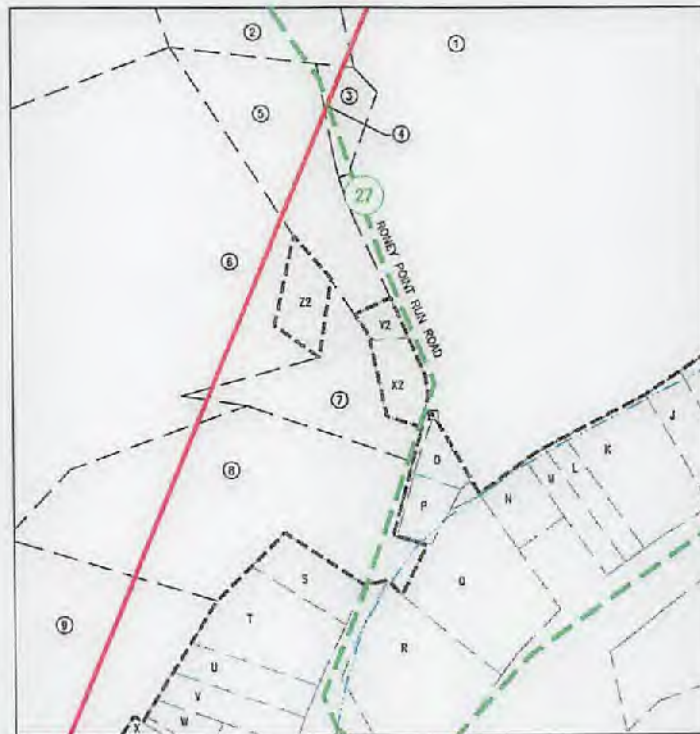
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Clarksburg, WV 26302
304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	BOARD OF COMMONS CO (S/R)	3-L13-3
2	HANNING RANDY & BRENDA (S)	6-T3-5.2
3	HUNTER JOHN A & C M (S)	6-T3Q-12
4	WV DEPARTMENT OF TRANSPORTATION (S)	ROUTE 27
5	HUNTER JOHN A & C M (S)	6-T3Q-11
6	BEABOUT RUSSELL W (S)	6-T3Q-8
7	MULLOOLY JAMES F (S)	6-T3Q-7.1
8	FISCHER PAMELA (S)	6-T3Q-6
9	PARSONS JOSEPH L & SALLY (S)	6-T3P-1
10	CROW RAYMOND E (S)	6-T8-7
11	MINCH TIMMY B & AMY LYNN (S)	6-T8-5
12	OGLEBAY FOUNDATION PROPS INC ANNA C MAXWELL REV TRUST (S)	3-L13-1
13	MAXWELL JOSEPH E ANNA C MAXWELL REVOCABLE TRUST (S)	3-L13-1.2
14	LUCHETTI ROBERT R SR - TOD (S)	3-L10-23
15	MILLER CALVIN F & B J (S)	4-L10-25.1
16	MILLER WILSON B (S)	4-L10-25
17	LUCHETTI ROBERT R SR - TOD (S)	4-R15-28.4
18	WOOD MATHEW J (S)	4-R15-28.6
19	WOOD MATHEW J (S)	4-R15-28.3
20	LUCHETTI ROBERT R SR - TOD (S)	4-R15-28
21	PORTER SANDRA K (S)	4-R15-25
22	A D BAKER HOMES INC (S)	3-L10-19
23	SMITH PRESTON T & SARAH J (S)	3-L10-19.6
24	GOMPERS EDWARD D AND LINDA M (S)	4-R15-25.1
25	SIXTY FOUR LLC (S)	4-R15-21
26	DICKINSON JAMES F; ET AL (S)	4-R15-23
27	SHACKELFORD HOWARD L & B M (S)	4-R15-20.3
28	GENTILE ANTHONY J CHAPPANO RITA M (S)	4-R12-10.13
29	MARTIN TIMOTHY A & J M (S)	4-R12-10.6
30	MARTIN TIMOTHY A & JANICE M (S)	4-R12-10.10
31	WV DEPARTMENT OF TRANSPORTATION (S)	ROUTE 88
32	MULLW QUAY H TRUST (S)	4-R12-10.14

DETAIL "B"



DETAIL "A"



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P.S. 708

David L Jackson

05/27/2022

REVISIONS:	COMPANY:	SWN Production Company, LLC	SWN Production Company™
	OPERATOR'S	OCC-A OHI	DATE: 04-15-2022
	WELL #:	47-069-00242 401H	DRAWN BY: N. MANO
	DISTRICT:	TRIADELPHIA	SCALE: N/A
	COUNTY:	OHIO	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 3



**JACKSON SURVEYING
INC.**

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	VILLAGE OF VALLEY GROVE	6-T3Q-27
B	JDS INVESTMENTS LLC	6-T3-16
C	GARRISON MELODY	6-T3-33
D	SUPERIOR INDUSTRIAL LAUNDRIES INC	6-T3Q-26
E	STEPHAN PAULA C AND ORION E	6-T3Q-25
F	FISHER LOGAN J	6-T3Q-24
G	CLARK ROBERT B & EVELYN M	6-T3Q-23
H	SWAIN MARVIN H & K L	6-T3Q-22
I	PHK LLC	6-T3Q-21
J	HAMMONS TAMMY M	6-T3Q-20
K	MCDANIELS EDDIE L & MCDANIELS TRACY L	6-T3Q-19
L	P-3 EQUITIES LLC	6-T3Q-18.1
M	FLACK HOLLY M	6-T3Q-18
N	MCKENEN JOSEPH A III	6-T3Q-17
O	BOARD OF COMM OHIO CO	6-T3Q-13
P	FISCHER DONALD R JR	6-T3Q-7.2
Q	VALLEY COIN MACHINE COMPANY LLC	6-T3Q-16
R	MARQUART GREGORY F & LA; MARQUART PHILLIP J & K L	6-T3Q-15
S	HARVATH PATRICIA H	6-T3Q-4
T	HOWARD DANIEL X; HOWARD EJ HOWARD D; HOWARD A J	6-T3Q-4.1
U	VELAS JEREMY L & CARRIE L	6-T3Q-3
V	YAHN MARY E & RAYMOND C	6-T3Q-2
W	PACK AUSTIN M	6-T3Q-2.1
X	PACK AUSTIN M	6-T8B-7
Y	LANGMYER KEVA FAWN	6-T8B-6
Z	HALEY ROBERT M & MICHELLE L HALEY	6-T8B-4.1
A2	NASH JOHN R JR & PAMELA L	6-T8B-4
B2	PARSONS JOSEPH L & SALLY	6-T8B-1
C2	NORMAN HOLLY LYNN	6-T8-8.2
D2	GREEN GLORIA J & DAVID M	6-T8-8.3
E2	MURRAY KENNETH W SR & WILBUR E JR	6-T8-8
F2	CROW RAYMOND & SANDRA LEE	6-T8-8.4
G2	EDGELL DEBORAH A	6-T8-32
H2	EDGELL JOSEPH P & S J EDGELL EARL F (LIFE ESTATE)	6-T8-56
I2	PHK LLC	6-T8-58
J2	CROW RAYMOND & SANDRA	6-T8-7.3
K2	CROW RAYMOND & SANDRA L	6-T8-7.4
L2	CROW RAYMOND E JR & RANEE E	6-T8-7.2
M2	ID REALTY INC	6-T8-3
N2	ID REALTY INC	6-T8-3.9
O2	SCHREIBER JEREMY	6-T8-6.3
P2	PRITT SARAH	6-T8-6.2
Q2	MATTIS KIM S & FAYE	6-T8-6.4
R2	MATTIS KIM S & FAYE	6-T8-6.1
S2	PETTIT DEBORAH	6-T8-3.3
T2	PETTIT DEBORAH	6-T8-80
U2	MARSHALL JASON A AND NICOLE D	6-T8-6.5
V2	BOREMAN THOMAS & M E	6-T8-6
W2	GOMPERS JAMES C C/O GOMPERS & ASSOCIATES	6-T3-4.2
X2	NELSON KENNETH L	6-T3Q-10
Y2	HUNTER JOHN A & C M	6-T3Q-11.1
Z2	BEHRENS WM D	6-T3Q-9
A3	HANNING RANDY DALE & BRENDA JOYCE	6-T3-5.1
B3	BOARD OF COMMISSIONERS	6-T3-10
C3	KETRON TRACY E & JOHN P	6-T3-7.1
D3	SHORES BARBARA A	6-T3-9
E3	HUGHES JAMES R & DARLA J	6-T3-8
F3	KETRON TRACY E & JOHN P	6-T3-7
G3	DERR ALFRED	6-T3-6
H3	SCOTT PAUL R & JOYCE A	6-T3-3
I3	HATCHER EDWARD A	3-L13-1.5
J3	MILLER FAMILY TRUST	4-R18-11
K3	LUCHETTI ROBERT R JR & TERESA	4-R18-29
L3	OGLEBAY FOUNDATION PROPS INC MAXWELL ANA C REV TRUST	3-L13-1.1
M3	CRONIN CHEYENNE & AMY	4-R15-28.5
N3	VESPA JOSEPH L	4-R15-28.2
O3	NICHOLS R E 3/8 INT, B L SNAPP 3/8 INT & M C NICHOLS 1/4 INT	4-R15-16
P3	YOUNG TRAVIS & MICHELLE E	4-R15-19
Q3	MILLER HAROLD J JR & S D	4-R15-20
R3	ZANDO ZACHARY D & ASHLEY A	4-R12-10.5
S3	MCCULLOUGH RHONDA JO	4-R12-10.12
T3	WELLING JAYSON & KARA C	4-R12-10.1
U3	GAUDIO ROBERT & CLARE McDONALD	4-R12-11

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
V3	MENGEU BRIAN R & LISA M	4-R12-10.9
W3	FORD G QUINN & M A	4-R12-10.3
X3	WEST RENTALS INC	4-R15-32
Y3	KUREISHY ZAVEEN A	4-R15-32.2
Z3	OGLEBAY FOUNDATION PROPS INC	4-R12-10.2
A4	WEST RENTALS INC	4-R12-10.16
B4	MULL W QUAY II TRUST	4-R12-10.17
C4	MULL W QUAY II TRUST	4-R12-12
D4	WEISS ROBERT L AND PATRICIA J IRREVOCABLE TRUST	4-R12-46
E4	FRANKLIN WOODS ESTATES HOMEOWNERS ASSC INC	4-R12-10.11
F4	STRAUB ENTERPRISES INC	4-R12-10.4
G4	WHEELER MARK R & PATRICIA A	4-R12-10.7
H4	WHEELER MARK R & PATRICIA	4-R12-10.15
I4	SHACKELFORD HOWARD L & B M	4-R15-20.5
J4	MCCULLY BRIAN G	4-R12-47.2
K4	DICKINSON DANIEL W JR & G K	4-R15-21.1
L4	DICKINSON DANIEL W JR	4-R15-21.2
M4	DUNAWAY MEGAN R & BENJAMIN J	4-R12-47.1
N4	FLANAGAN JILL E & JOSEPH V JR	4-R12-47
O4	WITSBERGER AMY LISBETH	4-R15-22
P4	TEMPLETON JOHN J DR & LISA J CO-TRUSTEES	4-R15-29.3
Q4	REGAN CHRISTOPHER J & HILARY E	4-R15-23.4
R4	KOWCHECK ORAKE M & CAITLIN	4-R15-25.6
S4	HARRIS RICHARD D & PATRICIA	3-L10-17.2
T4	VAN DUSEN JOHN M II & VAN DUSEN AMANDA RAE	3-L10-17.1
U4	DERROW STEPHEN J	3-L10-17.4
V4	HERCULES EUGENE & CARMELINDA S	3-L10-18
W4	HUFFNER EARL P	3-L10-17.12
X4	MARRINER ROBYN LEE	3-L10-51
Y4	WHITE KRISTIAN E & NICOLE	3-L10-19.1
Z4	PORTER SANDRA K - TODD	4-R15-25.5
A5	PORTER MARK E PORTER BARBARA V	4-R15-25.4
B5	PORTER MARK E & BARBARA V	4-R15-25.3
C5	HAMMERQUIST KAREN L	3-L10-52
D5	WHITE KRISTIAN E & NICOLE R	3-L10-19.3
E5	KOCH MARY C	4-L10-21
F5	KOCH MARY C	4-L10-22
G5	LUCHETTI ROBERT R JR & TERESA	3-L10-19.5
H5	A D BAKER HOMES INC	3-L10-19.4
I5	A D BAKER HOMES INC	4-R15-26
J5	SIMONS WILLIAM JR & TERESA M	4-R15-26.2
K5	DIBARTOLOMEO ROBERT	4-R15-33
L5	NEUMANN KAREN JENINE	4-R15-28.7
M5	ROGERSON RONALD EDWIN	4-R15-28.1
N5	BAIER MARK T SR & DARLENA M	3-L10-25.6
O5	WOOD MATHEW J & MARIA M	3-L10-25.2
P5	CAREY WAYNE L	4-L10-25.3
Q5	MATTERN KENNETH MARK & MATTERN DANA ANN	3-L10-25.4
R5	MILLER CALVIN F & BARBARA J	3-L10-25.5
S5	WOOD MATHEW J & MARIA M	3-L10-25.7
T5	WHITE KRISTIAN E & NICOLE R	3-L10-23.2
U5	MACNEALY JON A AND KAREN L	3-L10-17.13
V5	PALMER LOUIS III	3-L10-17.16
W5	STINGLE KEVIN W & NICOLE A	3-L10-13.2
X5	WALTERS GLEN L & R S	3-L10-26
Y5	BYRUM CAROLINE LOUSTAU	3-L10-27.3
Z5	ABRAHAM THOMAS R & S O	3-L10-26
A6	BOARD OF COMM OHIO CO	3-L13-3.1
B6	WEIR ROBERT AND BRIDGET	3-L10-23.1
C6	OHIO COUNTY COMMISSION	3-L10-23.3
D6	BENNETT JEFFREY R	3-L13-2.2
E6	WALTON LISA	3-L13-2.3
F6	MINCH TIMMY B & AMY LYNN	3-L13-2
G6	SHELLER CARL J	3-L13-24
H6	STEVENSON KIMBERLY; STEVENSON JAMES; DELGADO BRENDA STEVENSON	3-L13-6.1
I6	LOVERIDGE TYSON L & VANESSA	3-L13-6
J6	LOVERIDGE TYSON L & VANESSA	3-L13-6.4
K6	WHEELER JAMES E III & WHEELER CHRISTINE	3-L13-8.2
L6	WHEELER JAMES E JR & B J	3-L13-9
M6	WHEELER JOLLY W SR & SARAH JANE (LE); ET AL	3-L13-12.3
N6	SHEARER STEVEN P	3-L13-12.1
O6	KNIGHT JAMES C & D L	3-L13-13
P6	DEMERSKI GARY L & MARY C	3-L13-14
Q6	BARON KEITH E & C J	3-L13-15
R6	HOLMAN HARRY E & CHERYL L	6-T3-11
S6	HOLMAN CHERYL L & H E	6-T3-13
T6	MOORE GERALD T & A M	6-T3-14
U6	MOORE GERALD T & A M	6-T3-14.1
V6	OHIO COUNTY COMMISSION	6-T3-28

05/27/2022

REVISIONS:	COMPANY:	 	
	OPERATOR'S	OCC-A OHI	DATE: 04-15-2022
	WELL #:	47-06A-00142	401H
	DISTRICT:	TRIADELPHIA	COUNTY: OHIO
			STATE: WV
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 4