

**JACKSON SURVEYING
INC.**

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

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

Latitude: 40°05'00"

Latitude: 40°07'30"

SURFACE HOLE 4,133'

BOTTOM HOLE 1,164'

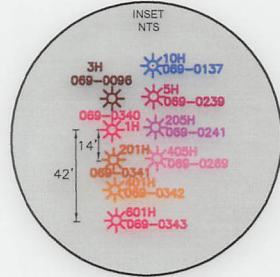
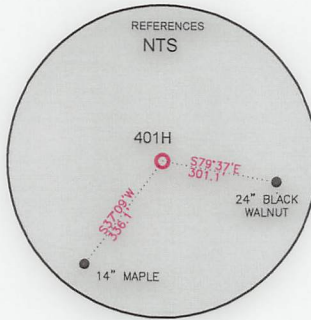
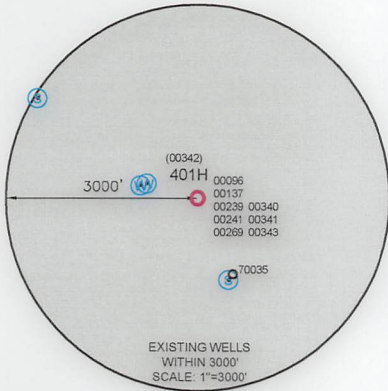


Longitude: 80°37'30" BOTTOM HOLE 2,744'
Longitude: 80°35'00" SURFACE HOLE 1,452'

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,641.323 EASTING: 534,266.082
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,022.937 EASTING: 533,749.347
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,440,862.802 EASTING: 531,606.221

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 80°42'17" E	1867.65'	SHL TO LANDMARK	FD. 7" PIPE
L2	S 07°00'36" W	1477.96'	SHL TO LANDMARK	FD. 6" SYCAMORE
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 39°42'13" W	2647.84'	3625.02'	SHL TO LP

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,641.391 EASTING: 534,266.235
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,020.469 EASTING: 533,750.668
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,440,861.069 EASTING: 531,600.333



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.

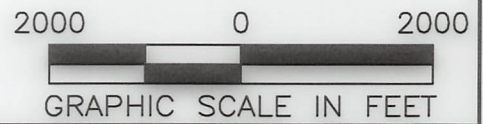
NOTES ON SURVEY

- 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™



(+) 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)

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

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

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **ASDRILLED** **03/17/2023**

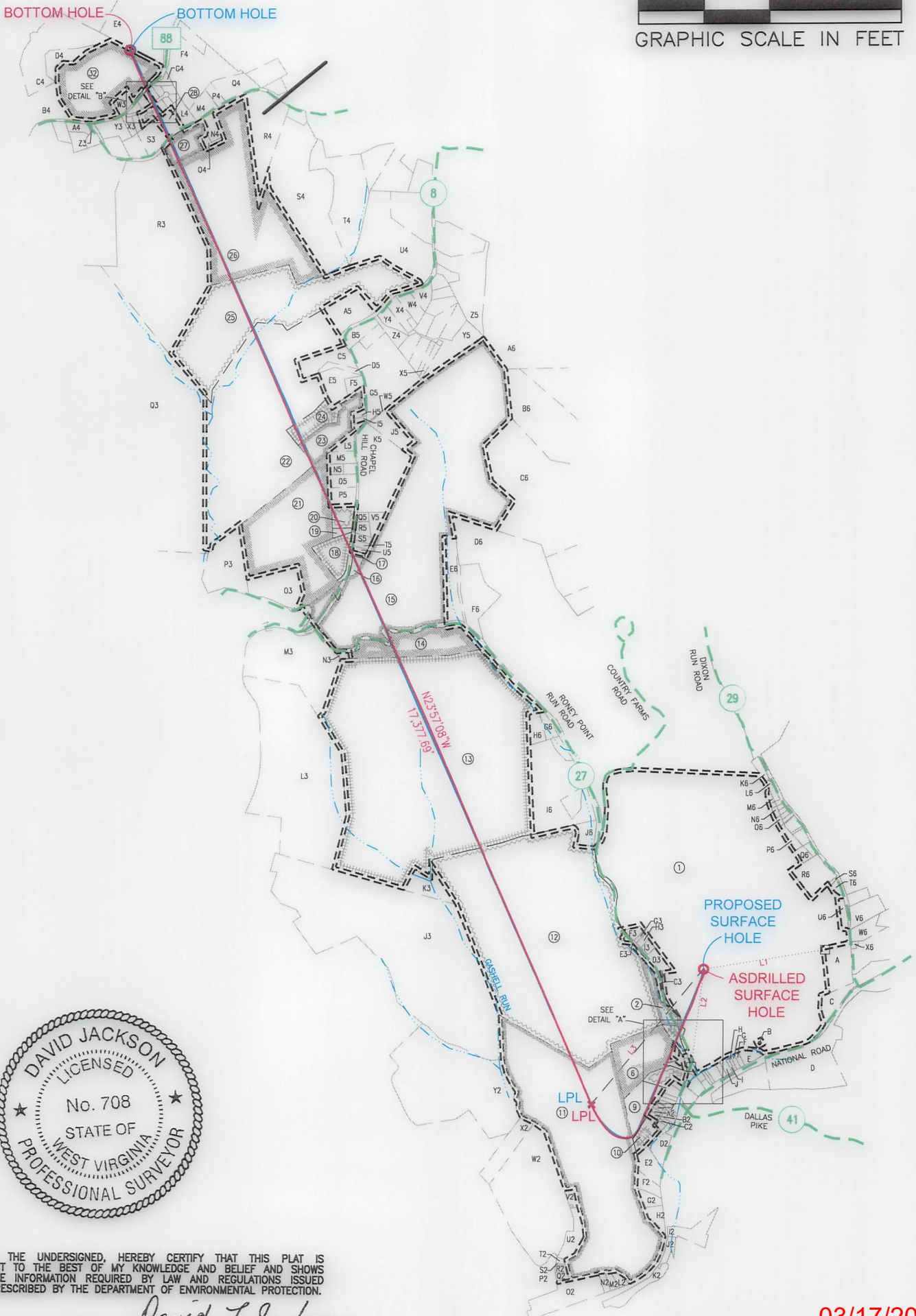
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,221 TVD 24,923 TMD

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:	<ul style="list-style-type: none"> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ⊙ EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION ⊙ EXISTING WATER WELL ⊙ EXISTING SPRING — SURVEYED BOUNDARY — DRILLING UNIT == LEASE BOUNDARY — ASDRILLED PATH — PROPOSED PATH 	REVISIONS: _____ _____ _____	DATE: 01-13-2023 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
----------------	---	--	---

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



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

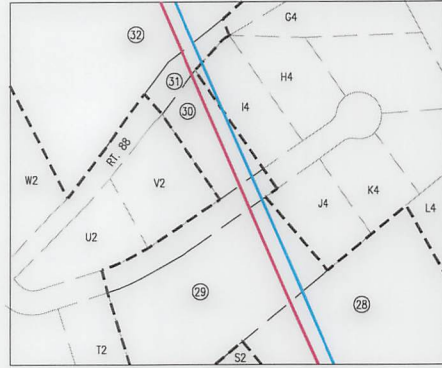
03/17/2023

REVISIONS:		COMPANY:	
OPERATOR'S	OCC-A OHI	API:	DATE: 01-13-2023
WELL #:	401H	47-069-00342	DRAWN BY: N. MANO
DISTRICT:	COUNTY:	STATE:	SCALE: N/A
TRIADELPHIA	OHIO	WV	DRAWING NO:
			WELL LOCATION PLAT 2

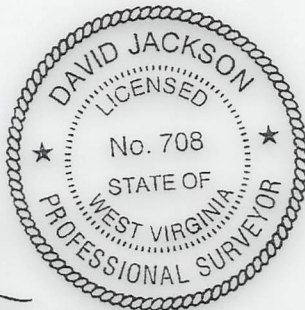
JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	BOARD OF COMM OHIO CO (S/R)	3-113-3
TRACT	SURFACE OWNER (S)	TAX PARCEL
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	PARSONS JOSEPH L & SALLY (S)	6-T8B-1
11	CROW RAYMOND E (S)	6-T8-7
12	MINCH TIMMY B & AMY LYNN (S)	6-T3-5
13	OGLEBAY FOUNDATION PROPS INC ANNA C MAXWELL REV TRUST (S)	3-L13-1
14	MAXWELL JOSEPH E ANNA C MAXWELL REVOCABLE TRUST (S)	3-L13-1.2
15	LUCHETTI ROBERT R SR - TOD (S)	4-R10-23
16	MILLER CALVIN F & B J (S)	4-L10-25.1
17	MILLER WILSON B (S)	4-L10-25
18	LUCHETTI ROBERT R SR - TOD (S)	4-R15-28.4
19	WOOD MATHEW J (S)	4-R15-28.6
20	WOOD MATHEW J (S)	4-R15-28.3
21	LUCHETTI ROBERT R SR - TOD (S)	4-R15-28
22	PORTER SANDRA K (S)	4-R15-25
23	A D BAKER HOMES INC (S)	3-L10-19
24	SMITH PRESTON T & SARAH J (S)	3-L10-19.6
25	GOMPERS EDWARD D AND LINDA M (S)	4-R15-25.1
26	SIXTY FOUR LLC (S)	4-R15-21
27	DICKINSON JAMES F; ET AL (S)	4-R15-23
28	SHACKELFORD HOWARD L & B M (S)	4-R15-20.3
29	GENTILE ANTHONY J CHAPPANO RITA M (S)	4-R12-10.13
30	MARTIN TIMOTHY A & J M (S)	4-R12-10.6
31	WV DEPARTMENT OF TRANSPORTATION (S)	ROUTE 88
32	MULL W QUAY II TRUST (S)	4-R12-10.14

DETAIL "B"



DETAIL "A"



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

03/17/2023

REVISIONS:	COMPANY:		
	OPERATOR'S	OCC-A OHI	API:
	WELL #:	401H	47-069-00342
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
			DATE: 01-13-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 3



**JACKSON SURVEYING
INC.**

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	OHIO COUNTY COMMISSION	6-T3-28
B	VILLAGE OF VALLEY GROVE	6-T3Q-27
C	JDS INVESTMENTS LLC	6-T3-16
D	GARRISON MELODY	6-T3-33
E	BUPERIOR INDUSTRIAL LAUNDRIES INC	6-T3Q-26
F	STEPHAN PAULA C AND ORION E	6-T3Q-25
G	FISHER LOGAN J	6-T3Q-24
H	CLARK ROBERT B & EVELYN M	6-T3Q-23
I	SWAIN MARVIN H & K L	6-T3Q-22
J	PHK LLC	6-T3Q-21
K	HAMMONS TAMMY M	6-T3Q-20
L	MCDANIELS EDDIE L & MCDANIELS TRACY L	6-T3Q-19
M	P-3 EQUITIES LLC	6-T3Q-18.1
N	FLACK HOLLY M	6-T3Q-18
O	MCKENNEN JOSEPH A III	6-T3Q-17
P	BOARD OF COMM OHIO CO	6-T3Q-13
Q	FISCHER DONALD R JR	6-T3Q-7.2
R	VALLEY COIN MACHINE COMPANY LLC	6-T3Q-16
S	MARQUART GREGORY F & L A; MARQUART PHILLIP J & K L	6-T3Q-15
T	HARVATH PATRICIA H	6-T3Q-4
U	HOWARD DANIEL K; HOWARD E J HOWARD D; HOWARD A J	6-T3Q-4.1
V	VELAS JEREMY L & CARRIE L	6-T3Q-3
W	YAHN MARY E & RAYMOND C	6-T3Q-2
X	PACK AUSTIN M	6-T3Q-2.1
Y	PACK AUSTIN M	6-T8B-7
Z	LANGMYER KEVA FAWN	6-T8B-6
A2	HALEY ROBERT M & MICHELLE L HALEY	6-T8B-4.1
B2	NASH JOHN R JR & PAMELA L	6-T8B-4
C2	SPRY MICHAEL & LINDA	6-T8B-8
D2	LINDHEIMER KENNETH A	6-T8B-11
E2	NORMAN HOLLY LYNN	6-T8-8.2
F2	GREEN GLORIA J & DAVID M	6-T8-8.3
G2	MURRAY KENNETH W SR & WILBUR E JR	6-T8-8
H2	CROW RAYMOND & SANDRA LEE	6-T8-8.4
I2	EDGELL DEBORAH A	6-T8-32
J2	EDGELL JOSEPH P & S J EDGELL EARL F (LIFE ESTATE)	6-T8-56
K2	PHK LLC	6-T8-58
L2	CROW RAYMOND & SANDRA	6-T8-7.3
M2	CROW RAYMOND & SANDRA L	6-T8-7.4
N2	CROW RAYMOND E JR & RANEE E	6-T8-7.2
O2	LD REALTY INC	6-T8-3
P2	LD REALTY INC	6-T8-3.9
Q2	SCHREIBER JEREMY	6-T8-6.3
R2	PRITT SARAH	6-T8-6.2
S2	MATTIS KIM S & FAYE	6-T8-6.4
T2	MATTIS KIM S & FAYE	6-T8-6.1
U2	PETTIT DEBORAH	6-T8-3.3
V2	PETTIT DEBORAH	6-T8-60
W2	MARSHALL JASON A AND NICOLE D	6-T8-6.5
X2	BOREMAN THOM O & M E	6-T8-6
Y2	GOMPERS JAMES C C/O GOMPERS & ASSOCIATES	6-T3-4.2
Z2	NELSON KENNETH L	6-T3Q-10
A3	HUNTER JOHN A & C M	6-T3Q-11.1
B3	BEHRENS WM D	6-T3Q-9
C3	HANNING RANDY DALE & BRENDA JOYCE	6-T3-5.1
D3	BOARD OF COMMISSIONERS	6-T3-10
E3	KETRON TRACY E & JOHN P	6-T3-7.1
F3	SHORES BARBARA A	6-T3-9
G3	HUGHES JAMES R & DARLA J	6-T3-8
H3	KETRON TRACY E & JOHN P	6-T3-7
I3	DERR ALFRED	6-T3-6
J3	SCOTT PAUL R & JOYCE A	6-T3-3
K3	HATCHER EDWARD A	3-L13-1.5
L3	MILLER FAMILY TRUST	4-R18-11
M3	LUCHETTI ROBERT R JR & TERESA	4-R18-29
N3	OGLEBAY FOUNDATION PROPS INC MAXWELL ANNA C REV TRUST	3-L13-1.1
O3	CRONIN CHEYENNE & AMY	4-R15-28.5
P3	VESPA JOSEPH L	4-R15-28.2
Q3	NICHOLS R E 3/8 INT, B L SNAPP 3/8 INT & M C NICHOLS 1/4 INT	4-R15-16
R3	YOUNG TRAVIS & MICHELLE E	4-R15-19
S3	MILLER HAROLD J JR & S D	4-R15-20
T3	ZANDO ZACHARY D & ASHLEY A	4-R12-10.5
U3	MCCULLOUGH RHONDA JO	4-R12-10.12

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
V3	WELLING JAYSON & KARA C	4-R12-10.1
W3	GAUDIO ROBERT & CLARE MCDONALD	4-R12-11
X3	MENGEU BRIAN R & LISA M	4-R12-10.9
Y3	FORD G QUINN & M A	4-R12-10.3
Z3	WEST RENTALS INC	4-R15-32
A4	KUREISHY ZAVEEN A	4-R15-32.2
B4	OGLEBAY FOUNDATION PROPS INC	4-R12-10.2
C4	WEST RENTALS INC	4-R12-10.16
D4	MULL W QUAY II TRUST	4-R12-10.17
E4	MULL W QUAY II TRUST	4-R12-12
F4	WEISS ROBERT L AND PATRICIA J IRREVOCABLE TRUST	4-R12-46
G4	FRANKLIN WOODS ESTATES HOMEOWNERS ASSC INC	4-R12-10.11
H4	STRAUB ENTERPRISES INC	4-R12-10.4
I4	MARTIN TIMOTHY A & JANICE M (S)	4-R12-10.10
J4	WHEELER MARK R & PATRICIA	4-R12-10.15
K4	WHEELER MARK R & PATRICIA A	4-R12-10.7
L4	SHACKLFORD HOWARD L & B M	4-R12-10.5
M4	MCCULLY BRIAN G	4-R12-47.2
N4	DICKINSON DANIEL W JR & G K	4-R15-21.1
O4	DICKINSON DANIEL W JR	4-R15-21.2
P4	DUNAWAY MEGAN R & BENJAMIN J	4-R12-47.1
Q4	FLANAGAN JILL E & JOSEPH V JR	4-R12-47
R4	WITSBERGER AMY LISBETH	4-R15-22
S4	TEMPLETON JOHN J DR & LISA J CO-TRUSTEES	4-R15-23.3
T4	REGAN CHRISTOPHER J & HILARY E	4-R15-23.4
U4	KOWCHECK DRAKE M & CAITLIN	4-R15-25.6
V4	HARRIS RICHARD D & PATRICIA	3-L10-17.2
W4	VAN DUSEN JOHN M II & VAN DUSEN AMANDA RAE	3-L10-17.1
X4	DERROW STEPHEN J	3-L10-17.4
Y4	HERCULES EUGENE & CARMELINDA S	3-L10-18
Z4	HUFFNER EARL P	3-L10-17.12
A5	MARRINER ROBYN LEE	3-L10-51
B5	WHITE KRISTIAN E & NICOLE	3-L10-19.1
C5	PORTER SANDRA K - TOD	4-R15-25.5
D5	PORTER MARK E PORTER BARBARA V	4-R15-25.4
E5	PORTER MARK E & BARBARA V	4-R15-25.3
F5	HAMMERQUIST KAREN L	3-L10-52
G5	WHITE KRISTIAN E & NICOLE R	3-L10-19.3
H5	KOCH MARY C	4-L10-21
I5	KOCH MARY C	4-L10-22
J5	LUCHETTI ROBERT R JR & TERESA	3-L10-19.5
K5	A D BAKER HOMES INC	3-L10-19.4
L5	A D BAKER HOMES INC	4-R15-26
M5	SIMONS WILLIAM JR & THERESA M	4-R15-26.2
N5	DIBARTOLOMEO ROBERT	4-R15-33
O5	NEUMANN KAREN JENINE	4-R15-28.7
P5	ROGERSON RONALD EDWIN	4-R15-28.1
Q5	BAIER MARK T SR & DARLENA M	3-L10-25.6
R5	WOOD MATHEW J & MARIA M	3-L10-25.2
S5	CAREY WAYNE L	4-L10-25.3
T5	MATTERN KENNETH MARK & MATTERN DANA ANN	3-L10-25.4
U5	MILLER CALVIN F & BARBARA J	3-L10-25.5
V5	WOOD MATHEW J & MARIA M	3-L10-25.7
W5	WHITE KRISTIAN E & NICOLE R	3-L10-23.2
X5	MACNEALY JON A AND KAREN L	3-L10-17.13
Y5	PALMER LOUIS III	3-L10-17.16
Z5	STINGLE KEVIN W & NICOLE A	3-L10-13.2
A6	WALTERS GLEN L & R S	3-L10-28
B6	BYRUM CAROLINE LOUSTAU	3-L10-27.3
C6	ABRAHAM THOMAS R & S O	3-L10-26
D6	BOARD OF COMM OHIO CO	3-L13-3.1
E6	WEIR ROBERT AND BRIDGET	3-L10-23.1
F6	OHIO COUNTY COMMISSION	3-L10-23.3
G6	BENNETT JEFFREY R	3-L13-2.2
H6	WALTON LISA	3-L13-2.3
I6	MINCH TIMMY B & AMY LYNN	3-L13-2
J6	SHELLER CARL J	3-L13-24
K6	STEVENSON KIMBERLY; STEVENSON JAMES; DELGADO BRENDA STEVENSON	3-L13-6.1
L6	LOVERIDGE TYSON L & VANESSA	3-L13-6
M6	LOVERIDGE TYSON L & VANESSA	3-L13-6.4
N6	WHEELER JAMES E III & WHEELER CHRISTINE	3-L13-8.2
O6	WHEELER JAMES E JR & B J	3-L13-9
P6	WHEELER JOLLY W SR & SARAH JANE (LE); ET AL	3-L13-12.3
Q6	SHEARER STEVEN P	3-L13-12.1
R6	KNIGHT JAMES C & D L	3-L13-13
S6	DEMERSKI GARY L & MARY C	3-L13-14
T6	BARON KEITH E & C J	3-L13-15
U6	HOLMAN HARRY E & CHERYL L	6-T3-11
V6	HOLMAN CHERYL L & H E	6-T3-13
W6	MOORE GERALD T & A M	6-T3-14
X6	MOORE GERALD T & A M	6-T3-14.1

03/17/2023

REVISIONS:	COMPANY:		
			
	OPERATOR'S	OCC-A OHI	API:
	WELL #:	401H	47-069-00342
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
			DATE: 01-13-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 4