

Latitude: 40°05'00"

SURFACE HOLE 4134'

Latitude: 40°07'30" BOTTOM HOLE 10248'

JACKSON SURVEYING INC.

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

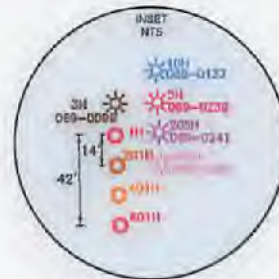
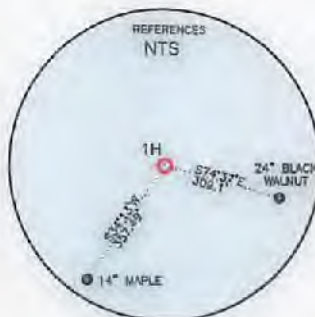
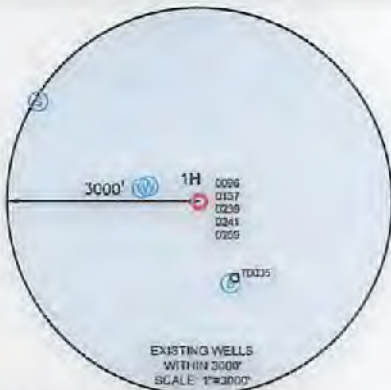


Table with 2 columns: LOCATION NAME and UTM (NAD83, ZONE 17, METERS) coordinates (NORTHING, EASTING). Locations include SHL, LPL, AZL1-5, and BHL.

Table with 2 columns: LOCATION NAME and UTM (NAD83, ZONE 17, METERS) coordinates (NORTHING, EASTING). Locations include AZL6-8 and BHL.

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Lists lines L1 through L8 with bearings and distances.

Table with 5 columns: LINE, BEARING, DISTANCE, CURVE LENGTH, DESCRIPTION. Lists lines L3 through L10 with bearings, distances, and curve lengths.



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.

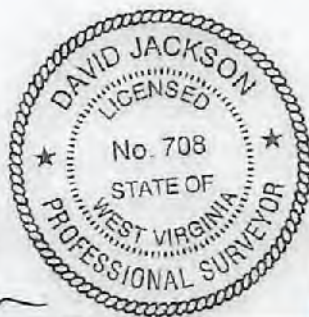
NOTES ON SURVEY

- 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.
3. 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

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

OCC-A OHI
OPERATOR'S WELL #: 1H
API WELL #: 47 069 00340
STATE COUNTY 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: BOARD OF COMMISSIONERS OHIO COUNTY ACREAGE: ±262.85
OIL & GAS ROYALTY OWNER: BOARD OF COMMISSIONERS OHIO COUNTY 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: 6,233 TVD 24,090 TMD

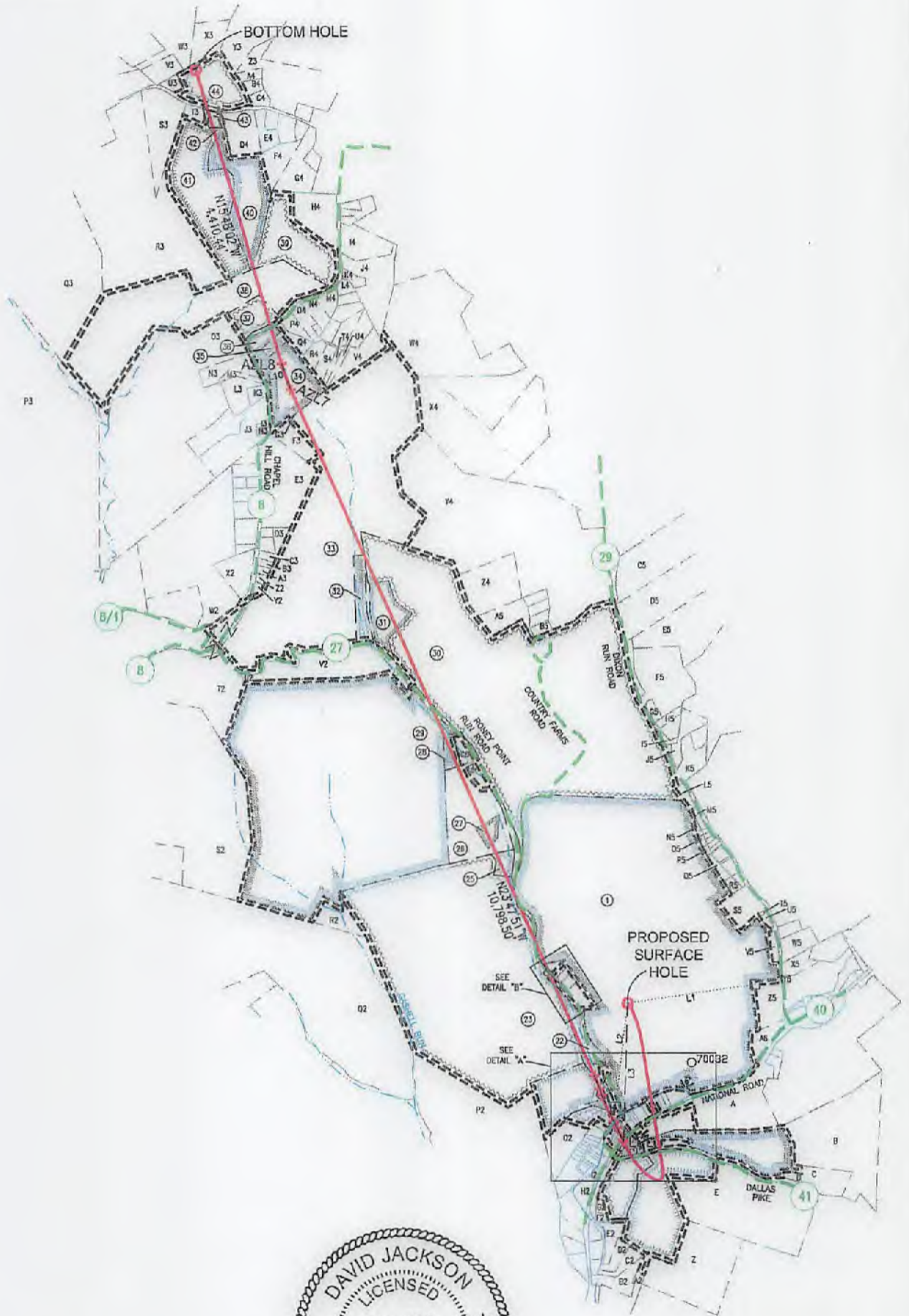
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

Table with 2 columns: LEGEND and REVISIONS. Legend includes symbols for proposed surface hole, existing wellhead, landing point location, existing water well, existing spring, surveyed boundary, drilling unit, lease boundary, proposed path, and azimuth point location. Revisions table includes DATE, DRAWN BY, SCALE, DRAWING NO, and WELL LOCATION PLAT.

Longitude: 80°35'00" BOTTOM HOLE 3,114'

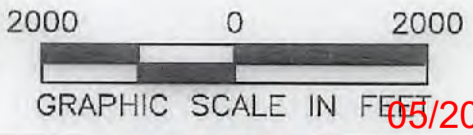
Longitude: 80°35'00" SURFACE HOLE 1424'

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P.S. 708 *David L Jackson*

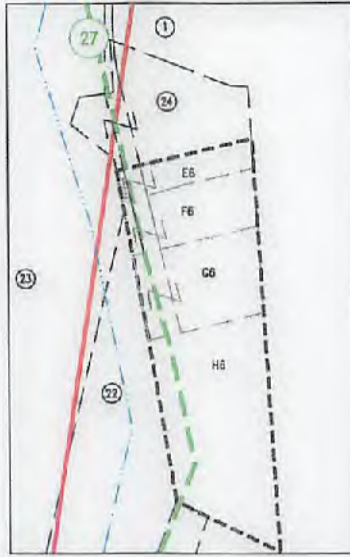


05/20/2022

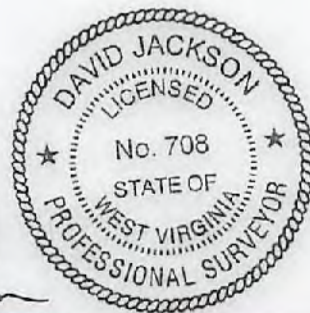
REVISIONS:	COMPANY:		
	OPERATOR'S	OCC-A OHI	DATE: 02-18-2022
	WELL #:	47-069-00340 1H	DRAWN BY: N. MANO
	DISTRICT:	TRIADELPHIA	SCALE: N/A
	COUNTY:	OHIO	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 2

JACKSON SURVEYING
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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*

05/20/2022



REVISIONS:	COMPANY:		
	OPERATOR'S	OCC-A OHI	DATE: 02-18-2022
	WELL #:	47-069-00340 1H	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
Clarksburg, WV 26302
304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	BOARD OF COMMO OHIO CO (S/R)	3-L13-3 ✓
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	SWAIN MARVIN H & K L (S)	6-T3Q-22 ✓
3	PHK LLC (S)	6-T3Q-21 ✓
4	WV DEPARTMENT OF TRANSPORTATION (S)	US RT 40 ✓
5	PHK LLC (S)	6-T8-54 ✓
6	SHUMAN BERYL F & O L C/O SHUMAN DOUGLAS (S)	6-T3-19 ✓
7	UNITED PRESBYTERIAN CHURCH (TRUSTEES) (S)	6-T8-9 ✓
8	WV DEPARTMENT OF TRANSPORTATION (S)	ROUTE 41 ✓
9	MINCH HOWARD L JR & CHRISTINE (S)	6-T8-19.1 ✓
10	EMERY CHARLES E JR & JILL L (S)	6-T8-17 ✓
11	ROBINSON RICK W & C B (S)	6-T8C-8 ✓
12	ROBINSON RICK W & CAROL B (S)	6-T8C-8.1 ✓
13	MARQUART GREGORY F & L A ; MARQUART PHILLIP J & K L (S)	6-T3Q-15 ✓
14	VALLEY COIN MACHINE COMPANY LLC (S)	6-T3Q-16 ✓
15	FISCHER PAMELA (S)	6-T3Q-6 ✓
16	FISCHER DONALD R JR (S)	6-T3Q-7.2 ✓
17	WV DEPARTMENT OF TRANSPORTATION (S)	ROUTE 27 ✓
18	MULLOOLY JAMES F (S)	6-T3Q-7.1 ✓
19	BEHRENS WM D (S)	6-T3Q-9 ✓
20	BEABOUT RUSSELL W (S)	6-T3Q-8 ✓
21	HUNTER JOHN A & C M (S)	6-T3Q-11 ✓
22	HANNING RANDY & BRENDA (S)	6-T3-5.2 ✓
23	MINCH TIMMY B & AMY LYNN (S)	6-T3-5 ✓
24	DERR ALFRED (S)	6-T3-6 ✓
25	SHELLER CARL J (S)	3-L13-24 ✓
26	MINCH TIMMY B & AMY LYNN (S)	3-L13-2 ✓
27	MINCH DENNIS (S)	3-L13-2.4 ✓
28	WALTON LISA (S)	3-L13-2.3 ✓
29	OGLEBAY FOUNDATION PROPS INC ANNA C MAXWELL REV TRUST	3-L13-1 ✓
30	BOARD OF COMMO OHIO CO (S)	3-L13-3.1 ✓
31	OHIO COUNTY COMMISSION (S)	3-L10-23.3 ✓
32	WEIR ROBERT AND BRIDGET (S)	3-L10-23.1 ✓
33	LUCHETTI ROBERT R SR - TOD (S)	3-L10-23 ✓
34	WHITE KRISTIAN E & NICOLE R (S)	3-L10-19.3 ✓
35	WHITE KRISTIAN E & NICOLE R (S)	3-L10-19.2 ✓
36	WHITE KRISTIAN E & NICOLE (S)	3-L10-19.1 ✓
37	MARRINER ROBYN LEE (S)	3-L10-51 ✓
38	GOMPERS EDWARD D AND LINDA M (S)	4-R15-25.1 ✓
39	KOWCHECK DRAKE M & CAITLIN (S)	4-R15-25.6 ✓
40	REGAN CHRISTOPHER J & HILARY E (S)	4-R15-23.4 ✓
41	TEMPLETON JOHN J DR & USA J CO-TRUSTEES (S)	4-R15-23.3 ✓
42	REGAN CHRISTOPHER J & HILARY E (S)	4-R15-23.1 ✓
43	SUPANIK DEREK & MONICA (S)	4-R15-23.5 ✓
44	DECARLO VINCENT G & KRISTEN A (S)	4-R12-45.3 ✓

05/20/2022



REVISIONS:	COMPANY:	 		
	OPERATOR'S	OCC-A OHI	API #	
	WELL #:	47-069-0034D	1H	47-069-00340
	DISTRICT:	TRIADELPHIA	COUNTY:	OHIO
			STATE:	WV
		DATE:	02-18-2022	
		DRAWN BY:	N. MANO	
		SCALE:	N/A	
		DRAWING NO:		
		WELL LOCATION PLAT	4	

JACKSON SURVEYING
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ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	GARRISON MELODY	6-T3-33
B	GRETCHEN STEPHEN J & THERESA L	6-T8-11
C	MURPHY KENNETH L & R L	6-T8-10
D	TEMPUN PAUL R & C G	6-T8-9.1
E	STRAUGHN JOSEPH PATRICK	6-T8-19
F	KLUG DARLENE A	6-T3-35
G	COOK JAMES WILLIAM & STOWERS AMANDA LORRAINE	6-T3-34
H	SUPERIOR INDUSTRIAL LAUNDRIES INC	6-T3Q-26
I	STEPHAN PAULA C AND ORION E	6-T3Q-25
J	FISHER LOGAN J	6-T3Q-24
K	CLARK ROBERT B & EVELYN M	6-T3Q-23
L	HAMMONS TAMMY M	6-T3Q-20
M	MCDANIELS EDDIE L MCDANIELS TRACY L	6-T3Q-19
N	P-3 EQUITIES LLC	6-T3Q-18.1
O	FLACK HOLLY M	6-T3Q-18
P	SAYRE HAROLD K	6-T3Q-17.1
Q	MCKENNEEN JOSEPH A III	6-T3Q-17
R	BOARD OF COMM OHIO CO	6-T3Q-13
S	NELSON KENNETH L	6-T3Q-10
T	HUNTER JOHN A & C M	6-T3Q-11.1
U	HUNTER JOHN A & C M	6-T3Q-12
V	DUFFY CHARLES E	6-T3-26
W	MINCH HOWARD LJR & CHRISTINE	6-T8C-9
X	GOSSETT LEIGH ANN	6-T8C-10
Y	UNITED PRESBYTERIAN CHURCH	6-T8C-11
Z	KIMBLE JANET L	6-T8-24
A2	NASH DAVID L & K S	6-T8-34
B2	EDGELE DESORAH A	6-T8-32
C2	DAVIS EARL W	6-T8-31
D2	DAVIS EARL W & S K	6-T8-30
E2	ANDREWS RAYNETTE M	6-T8-26.1
F2	ANDREWS ALVIN E SR ANDREWS RAYNETTE M	6-T8-26
G2	VELAS THEODORE LEON JR	6-T8-26.2
H2	LINDHEIMER KENNETH A TOD	6-T8B-11
I2	C & P TELEPHONE OF WV	6-T8C-1.1
J2	LINDHEIMER KENNETH	6-T8-54.1
K2	KPOYAR JERRY L & CYNTHIA L	6-T8C-7
L2	VELAS JEREMY L & CARRIE L	6-T3Q-3
M2	HOWARD DANIEL K; HOWARD E J HOWARD D; HOWARD A J	6-T3Q-4.1
N2	HARVATH PATRICIA H	6-T3Q-4
O2	PARSONS JOSEPH L & SALLY	6-T3P-1
P2	CROW RAYMOND E	6-T8-7
Q2	SCOTT PAUL R & JOYCE A	6-T8-3
R2	HATCHER EDWARD A	3-L13-1.5
S2	MILLER FAMILY TRUST	4-R18-11
T2	LUCHETTI ROBERT R JR & TERESA	4-R18-29
U2	OGLEBAY FOUNDATION PROPS INC MAXWELL ANNA C REV TRUST	3-L13-1.1
V2	MAXWELL JOSEPH E ANNA C MAXWELL REVOCABLE TRUST	3-L13-1.2
W2	LUCHETTI ROBERT R SR - TOD	4-R15-28
X2	LUCHETTI ROBERT R SR - TOD	4-R15-28.4
Y2	MILLER CALVIN F & B J	4-L10-25.1
Z2	MILLER WILSON B	4-L10-25
A3	MILLER CALVIN F & BARBARA J	3-L10-25.5
B3	MATTERN KENNETH MARK MATTERN DANA ANN	3-L10-25.4
C3	CAREY WAYNE L	4-L10-25.3
D3	WOOD MATHEW J & MARIA M	3-L10-25.7
E3	A D BAKER HOMES INC	3-L10-19.4
F3	LUCHETTI ROBERT R JR & TERESA	3-L10-19.5
G3	WHITE KRISTIAN E & NICOLE R	3-L10-23.2
H3	KOCH MARY C	4-L10-22
I3	KOCH MARY C	4-L10-21
J3	A D BAKER HOMES INC	3-L10-19
K3	HAMMERQUIST KAREN L	3-L10-52
L3	PORTER MARK E & BARBARA V	4-R15-23.3
M3	PORTER MARK E & PORTER BARBARA V	4-R15-23.4
N3	PORTER SANDRA K - TOD	4-R15-25.5
O3	PORTER SANDRA K	4-R15-25
P3	NICHOLS R E 3/8 INT, B L S NAPP 3/8 INT & MC NICHOLS 3/4 INT	4-R15-16

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
Q3	YOUNG TRAVIS & MICHELLE E	4-R15-19
R3	SIXTY FOUR LLC	4-R15-21
S3	WITSBERGER AMY LISBETH	4-R15-22
T3	TEMPLETON JOHN J DR & LISA J CO-TRUSTEES	4-R15-23.2
U3	FLANAGAN JILL E & JOSEPH V JR	4-R12-45.1
V3	FLANAGAN JILL E & JOSEPH V JR	4-R12-45.4
W3	TARR JOHN A IV	4-R12-45
X3	PHILLIPS TINA L & PADDEN ELIZABETH A	4-R12-45.8
Y3	THROCKMORTON SARA R & DENT DAVID A	4-R12-45.16
Z3	ROBINSON JACOB	3-L7-22
A4	BARBE BARRY A & CHRISTY	3-L7-22.6
B4	AMERICAN LEBANESE SYRIAN ASSOCIATED CHARITIES INC	3-L7-22.7
C4	HIGH PHILIP D	3-L7-22.9
D4	STIFEL EDWARD W III	4-R15-24
E4	FINNERAN LAWRENCE P & KATHLEEN	3-L10-1.5
F4	BIPPUS CARLS	3-L10-1.7
G4	SEABRIGHT JUNE M	3-L10-1.6
H4	BURKE STEPHEN R & RAINA J	3-L10-15
I4	JOSEPH BRIAN E	3-L10-13.3
J4	HAZLETT SUSAN H ET AL	3-L10-13.2
K4	IRWIN WM F & MJ	3-L10-13.1
L4	KOLISCAP JENNA M IAFRATE CHRISTOPHER A	3-L10-17.8
M4	HARRIS RICHARD D & PATRICIA	3-L10-17.2
N4	VAN DUSEN JOHN M II & VAN DUSEN AMANDA RAE	3-L10-17.1
O4	DERROW STEPHEN J	3-L10-17.4
P4	HERCULES EUGENE & CARMELINDA S	3-L10-18
Q4	HUFFNER EARL P	3-L10-17.12
R4	KNUTH JACK C JR & ALICE M	3-L10-17.11
S4	KNUTH JACK C JR & ALICE M	3-L10-17.10
T4	MACNEALY JON A & MACNEALY KAREN L	3-L10-17.14
U4	MACNEALY JON A & MACNEALY KAREN L	3-L10-17.13
V4	PALMER LOUIS III	3-L10-17.16
W4	WALTERS GLEN L B R S	3-L10-28
X4	LOUSTAU JEAN P & L P (RESV LF) BYRUM CAROLINE L	3-L10-27
Y4	ABRAHAM THOMAS R & S O	3-L10-26
Z4	BARTOLOVICH DEBORAH A	3-L10-26.2
A5	BELLANCO CHRISTOPHER	3-L10-26.6
B5	WEIGHMAN RANDY J	3-L10-26.1
C5	BLOWERS DAVID A & FLORENCE D	3-L10-36.6
D5	MILLER LANCE H JR & SHABNAN G	3-L10-36
E5	HOUCHINS RONALD W	3-L10-36.5
F5	HOUCHINS RONALD W	3-L13-4.3
G5	STELLE RICHARD CLARK JR PUSKARICH ALEXANDRA MILENA	3-L13-4
H5	YOUNG ROBERT L VAN DERGRIFT JOANN L/E	3-L13-4.2
I5	YOUNG ROBERT L VAN DERGRIFT JOANN L/E	3-L13-4.1
J5	STEVENSON BARBARA A (1/8 INT & LE) ET AL	3-L13-5
K5	STEVENSON JAMES ALAN	3-L13-5.4
L5	STEVENSON KIMBERLY STEVENSON JAMES DELGADO BRENDA STEVENSON	3-L13-6.1
M5	LOVERIDGE TYSON L & VANESSA	3-L13-6
N5	LOVERIDGE TYSON L & VANESSA	3-L13-6.4
O5	WHEELER JAMES E III WHEELER CHRISTINE	3-L13-8.2
P5	WHEELER JAMES E JR & B J	3-L13-9
Q5	WHEELER JOLLY W SR & SARAH JANE (LE); ET AL	3-L13-12.3
R5	SHEARER STEVEN P	3-L13-12.1
S5	KNIGHT JAMES C & D L	3-L13-13
T5	DEMERSKI GARY L & MARY C	3-L13-14
U5	BARON KEITH E & C J	3-L13-15
V5	HOLMAN HARRY E & CHERYL L	6-T3-11
W5	HOLMAN CHERYL L & H E	6-T3-13
X5	MOORE GERALD T & A M	6-T3-14
Y5	MOORE GERALD T & A M	6-T3-14.1
Z5	OHIO COUNTY COMMISSION	6-T3-28
A6	JDS INVESTMENTS LLC	6-T3-16
B6	VILLAGE OF VALLEY GROVE	6-T3Q-37
C6	BENNETT JEFFREY R	3-L13-2.2
D6	GORDON NATHAN CHARLES	3-L13-2.1
E6	KETRON TRACY E & JOHN P	6-T3-7
F6	HUGHES JAMES R & DARLA J	6-T3-8
G6	SHORES BARBARA A	6-T3-9
H6	BOARD OF COMMISSIONERS	6-T3-10

05/20/2022

REVISIONS:	COMPANY:	 	
	OPERATOR'S	OCC-A OHI	API #
	WELL #: 47-069-00340	1H	47-069-00340
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
			DATE: 02-18-2022
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 5