

The intent of this map is for general reference only. Information on this map was created using the best available data at the time but is not guaranteed accurate.

Water Purveyor Map

Created By: Nick Mano
Date Exported: 5/20/2026

expand

Spatial Reference
Name: NAD 1983 BLM Zone 17N Ft US

1500' BUFFER
SPRING
POND
WELL

WELL PAD: RUTH KELLER

COUNTY: MARSHALL

0 50' 100' 200'

Scale: 1" = 100'

09/18/2026

Latitude: 40°00'00"

SURFACE HOLE 8182'

Latitude: 39°57'30"

BOTTOM HOLE 610'

SURFACE HOLE 5230'

BOTTOM HOLE 8950'

Longitude: 80°40'00"

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

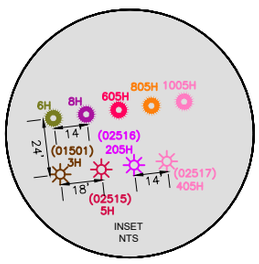
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,208.156 EASTING: 525,965.700
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,227.889 EASTING: 526,167.844
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,420,348.895 EASTING: 528,332.537

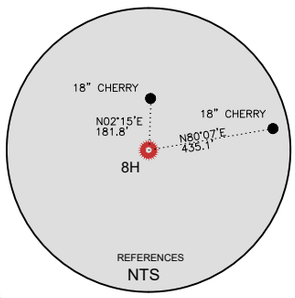
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 70°46'56" W	440.63'	SHL TO LANDMARK	5/8" REBAR FOUND
L2	N 29°14'24" W	583.21'	SHL TO LANDMARK	5/8" REBAR FOUND
LINE	**BEARING**	**DISTANCE**	**CURVE LENGTH**	**DESCRIPTION**
L3	N 84°25'29" E	666.35'	1,314.02'	SHL TO LPL

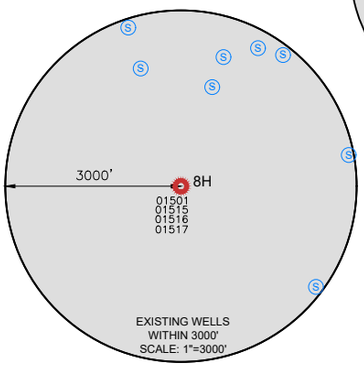
SHL

BHL

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







Longitude: 80°40'00"

WELL RESTRICTIONS

1. THERE ARE TWO 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. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO 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

DAVID L JACKSON
LICENSED
NO. 708
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

2000 0 2000
GRAPHIC SCALE IN FEET

COMPANY: expand

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

OPERATOR'S WELL #: RUTH KELLER MSH 8H

API WELL #: 47 (STATE) 051 (COUNTY) 02598 (PERMIT)

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

WATERSHED: SHORT CREEK OHIO RIVER (HUC-10) ELEVATION: 1327.2'

DISTRICT: UNION COUNTY: MARSHALL QUADRANGLE: MOUNDSVILLE, WV

SURFACE OWNER: BRIAN J. KELLER & DAVID J. & ALICE M. COOK (TOD) ACREAGE: ±173.061

OIL & GAS ROYALTY OWNER: BRIAN J. KELLER & DAVID J. & ALICE M. COOK (TOD) ACREAGE: ±173.061

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

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

09/18/2026

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,535 TVD 27,005 TMD

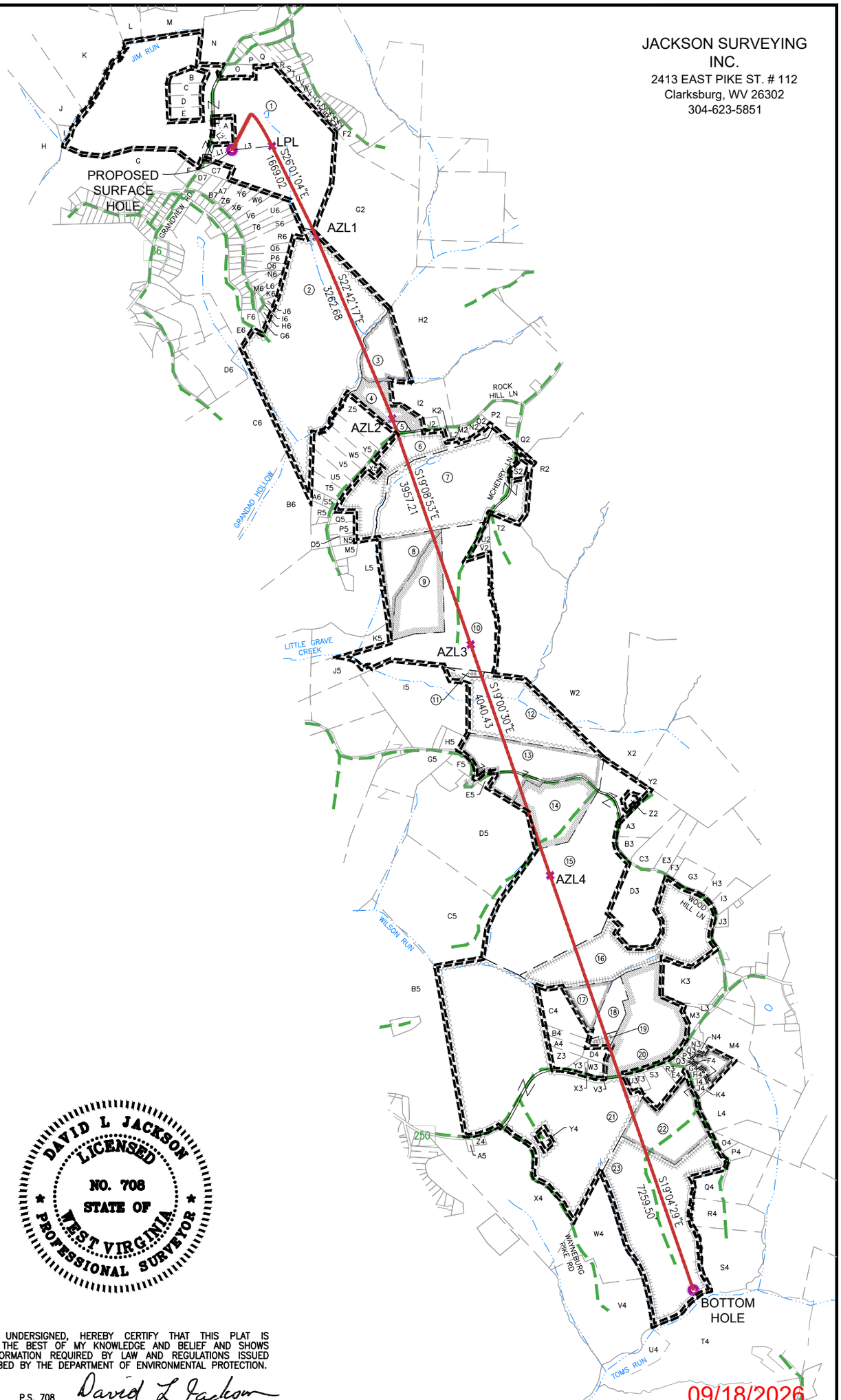
WELL OPERATOR: EXPAND OPERATING LLC
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- (W) EXISTING WATER WELL
- (S) EXISTING SPRING
- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- PROPOSED PATH

REVISIONS:	DATE: 06-04-2026
	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



DAVID L JACKSON
LICENSED
NO. 708
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

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

09/18/2026

REVISIONS:	COMPANY: eXpand		
OPERATOR'S WELL #:	RUTH KELLER MSH 8H	API #: 47-051- 02598	DATE: 06-04-2026
DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 2

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\8H\FINAL\RUTH KELLER 8H 6-4-26\RUTH KELLER MSH 8H 6-04-26.DWG
THURSDAY JUNE 04 2026 01:52PM

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	KELLER BRIAN J & COOK DAVID J & ALICE M ET AL (S/R)	13-6-50
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	MARSHALL LAND LLC (S)	13-10-2
3	MCCABE FAMILY TRUST (S)	13-10-4
4	TERRY DONALD L - TOD (S)	13-10-43.10
5	HENDERSON CHARLOTTE D ET AL (S)	13-10-43.4
6	ROTH JACOB S (S)	13-10-43.8
7	ROTH FAYE E & HENRY G - TOD (S)	13-10-42
8	ROTH FAYE E & HENRY G - TOD (S)	13-13-5.5
9	WEAVER GEORGE & SANDRA IRREVOCABLE TRUST (S)	13-13-6
10	WEAVER GEORGE & SANDRA IRREVOCABLE TRUST (S)	13-13-7
11	WEAVER GEORGE & SANDRA IRREVOCABLE TRUST (S)	13-13-24
12	MASON JEFFREY B & BETTY LOU (S)	14-4-5.2
13	MASON ROLAND B EST (S)	14-4-6
14	OHIO COUNTY COAL RESOURCES INC (S)	14-4-6.1
15	CONKLE BRENT A & AUDRA R (S)	14-4-9
16	BURKETT NATHAN NEIL JR (S)	14-4-10
17	SEDOSKY SAMUEL D & RITA J (S)	14-4-40.3
18	PELLEY GEORGE F (S)	14-4-40.8
19	FRANKLIN JAMES P ET UX (S)	14-4-40.6
20	GUZEK DANIEL D (S)	14-4-38
21	LAMBIE RICHARD & MARY HANLEY (S)	14-7-38
22	DOYEL DONNA S - TOD & DEBORAH L HUMMEL (S)	14-5-44
23	WRIGHT KEYSTONE TRUST (S)	14-5-48

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	KELLER WILLIAM J - TOD	13-6-50.2
B	BURKE ANDREA M & JAMES D	13-6-50.6
C	COOK DAVID J & ALICE - TOD	13-6-50.8
D	COOK STEVEN M & SHANNON R	13-6-50.3
E	COOK SUZANNE	13-6-50.4
F	DEFIBAUGH RONALD L	13-11-27.8
G	DEFIBAUGH RONALD L	13-11-27.1
H	LIPINSKI ERIC R & LORIE A	13-6-51
I	HAUGHT GEORGE ET UX	13-6-50.1
J	HAUGHT GEORGE ET UX	13-6-51.1
K	LONGWELL FRANK J & LORI A	13-6-49
L	O'NEAL CYNTHIA	13-6-45
M	HULL GAYLERD F & SHARON	13-6-23.11
N	CALDWELL CHRISTIAN A	13-7-1.1
O	KELLER BRIAN J & JANET	13-6-50.5
P	HECKMAN FLORA BELLE - TOD	13-7C-18
Q	VANNEST ALEX M & HOWARD ALLIE R	13-7C-17
R	GAMBLE CYNTHIA M	13-7C-10
S	HARBISON WALTER L	13-7C-9
T	HARBISON WALTER L EST	13-7C-8
U	RENZELLA PATRICIA R	13-7C-7
V	DEL RE MARVIN E ET UX	13-7C-6
W	GUMP MARTIN L	13-7C-5
X	PEACE NATHANIEL O & ELAINE M	13-7C-4
Y	PEACE NATHANIEL O & ELAINE M	13-7C-3
Z	NOVICK RYAN J & ALEXANDRA P	13-7C-2
A2	ELSON LINDA S & SAMUEL F	13-7C-1
B2	SEACHRIST MARGARET TURNER - TOD	13-7-44
C2	SEACHRIST MARGARET TURNER -TOD	13-7-45
D2	YOUNG CAROL L	13-7-51
E2	YOUNG CAROL L	13-7-50
F2	ALLEN RICHARD C ET UX	13-7-52
G2	VARGO CINDY L ET AL	13-10-3
H2	MCCABE FAMILY TRUST	13-10-5
I2	CRAMER JOHN GLENN	13-10-43
J2	CRAMER JOHN G & CYBIL	13-10-43.9
K2	ICE SUSAN M - TOD	13-10-43.7
L2	ICE SUSAN M - TOD	13-10-43.5
M2	RALBUSKY SCOTT EDWARD, CARLA JO & KATIE MAY	13-10-43.2
N2	RALBUSKY SCOTT	13-10-43.6
O2	SAMUELS MARIA A	13-10-43.1
P2	DECREASE VINCENT MICHAEL	13-10-41
Q2	RANDOLPH ROBERT A	13-10-6.2
R2	HILL MICHAEL W ET UX	13-10-40
S2	MASTERS BRIAN K & MELINDA D	13-10-42.1
T2	ROTH FAYE E & HENRY G - TOD	13-13-8
U2	WEAVER GEORGE F II ET UX	13-13-7.1
V2	WEAVER GEORGE & SANDRA IRREVOCABLE TRUST	13-13-7.2
W2	HELLER EDGAR D JR TRUST	13-13-9
X2	HELLER EDGAR D JR TRUST	13-13-23
Y2	HILL CHARLES DOUGLAS	13-13-22
Z2	CHAMBERS MARCIA LYNN EST	14-4-9.1
A3	HILL CHARLES DOUGLAS ET UX	14-4-12
B3	HILL COREY DOUGLAS	14-4-12.1
C3	SAMBUCO KARAH	14-4-13
D3	CONKLE BRENT A & AUDRA R	14-4-11
E3	LONG DAVID S & VICTORIA L	14-4-14
F3	LONG DAVID S & VICTORIA L	14-4-15.1
G3	TWAROG LINDSAY M & CAM M	14-4-15
H3	COLE ELAINE S	14-4-15.3
I3	SPANGLER PATRICK D & JILL KLOSS	14-4-15.2
J3	CLUTTER WENDY R	14-4-16.6
K3	BERTRAM GEORGE E ET UX	14-4-16
L3	B & Y PROPERTIES LLC	14-4-16.1
M3	WOOD HILL ME CHURCH	14-4-37
N3	NIERATKO JUDY C	14-5-44.1
O3	NIERATKO JUDY C	14-5-44.2
P3	KANE SCOTT A & GEORGEANN PEABODY-KANE	14-5-44.7

*Highlighted Parcels may be impacted during drilled.

09/18/2026

REVISIONS:	COMPANY: expand		
OPERATOR'S WELL #:	RUTH KELLER MSH 8H	API #: 47-051- 02598	DATE: 06-04-2026
DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 3

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\8H\FINAL\RUTH KELLER 8H 6-4-26\RUTH KELLER MSH 8H 6-04-26.DWG
THURSDAY JUNE 04 2026 01:52PM

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
Q3	HOWARD ROBERT L III & LACY M	14-5-44.8
R3	WEAVER DAVID T & LINDSAY MARIE	14-5-45
S3	MOBLEY ROBERT B	14-5-46
T3	MOBLEY ROBERT B	14-5-47
U3	PAN HANDLE FARMERS MUTUAL INS CO OF W VA	14-7-38.4
V3	MANUFACTURERS LIGHT & HEAT	14-4-41.1
W3	WENDT CHARLES W & DAISY V	14-4-41
X3	WENDT CHARLES W & DAISY V	14-4-40.1
Y3	BLAKE JAMES H & APRIL D	14-4-40.2
Z3	PETTIT RONALD A & MARY	14-4-40
A4	SNEIGLE MICHAEL	14-4-40.10
B4	DOYLE RICHARD L ET UX - LIFE	14-4-40.7
C4	DOYLE RICHARD L ET UX - LIFE	14-4-40.5
D4	MCCOOL ROBERT R ET UX -TOD	14-4-40.9
E4	WEAVER DAVID T & LINDSAY MARIE	14-5-44.5
F4	KANE SCOTT A & GEORGEANN PEABODY-KANE	14-5-44.10
G4	SNEIGLE MICHAEL J & SHOWALTER SUMMER	14-5-44.12
H4	SNEIGLE MICHAEL J & SHOWALTER SUMMER	14-5-44.6
I4	MASON JANET S	14-5-44.4
J4	MASON JANET S	14-5-44.9
K4	DOYEL DONNA S & HUMMEL DEBORAH L	14-5-44.11
L4	SNEIGLE MICHAEL J & SUMMER	14-5-43
M4	ROBBINS JEFFREY A	14-4-35
N4	NIERATKO JUDY C	14-5-44.3
O4	NORRIS CHARLES E JR - TOD	14-5-49.2
P4	NORRIS CHARLES E JR - TOD	14-5-49.4
Q4	NORRIS CHARLES E JR ET AL -TOD	14-5-49.1
R4	NORRIS CHARLES E JR ET AL	14-5-49.3
S4	NORRIS CHARLES E JR ET AL	14-5-49
T4	REGAN JOHN R & CONNIE THOMAS	14-6-2
U4	REGAN JOHN R & CONNIE L THOMAS	14-6-1
V4	SCHWING TRAVIS W & MELISSA E	14-7-40
W4	SCHWING JERRY E ET UX	14-7-39
X4	LAMBIE RICHARD F JR & JANE DAFOE - TOD	14-7-38.3
Y4	RIGGS DONALD GREGORY	14-7-38.5
Z4	LAMBIE RICHARD F JR	14-7-38.1
A5	HANLEY MARY L	14-7-38.2
B5	MASON DALE F & SANDRA L	14-4-43
C5	HELLER FRANKLIN C II ET UX	14-4-8
D5	HELLER FRANKLIN C II ET UX	14-4-7
E5	HELLER FRANKLIN C II & MARTHA JEAN	14-4-6.3
F5	HELLER FRANKLIN C II ET UX	14-4-6.2
G5	HELLER FRANKLIN C II ET UX	14-4-4.2
H5	HELLER FRANKLIN C II ET UX	14-4-5.1
I5	MASON MICHAEL E EST	14-4-5
J5	DOLGOVSKIJ MICHELE	13-13-4
K5	WEAVER GEORGE F II ET UX	13-13-25
L5	ELLIOTT MELISSA F	13-13-5
M5	ELLIOTT MELISSA R & CHARLES R	13-13-5.1
N5	FLOWERS DIANA & CHELSEA	13-10-45.2
O5	FLOWERS DIANA & CHELSEA	13-10-45.3
P5	FLOWERS DIANA & CHELSEA	13-10-45.6
Q5	FLOWERS DIANA & CHELSEA	13-10-45
R5	CONNER SHARON	13-10-45.5
S5	CONNER SHARON	13-10-44.1
T5	CONNER JAMES L & CHARLOTTE	13-10-44.4
U5	CONNER JAMES L & CHARLOTTE	13-10-44.5
V5	BANE RODNEY EUGENE & LORI A	13-10-44.6
W5	MALENA RICHARD L ET UX	13-10-44.2
X5	MALENA RICHARD L ET UX	13-10-43.3
Y5	CONNER JAMES L & CHARLOTTE	13-10-44.3
Z5	COOEY JUSTIN A	13-10-44
A6	CONNER SHARON	13-10-45.7
B6	DOBBS JULIE A	13-13-1
C6	LONGWELL FRANK & LORI	13-10-1
D6	MILLER WILLIAM S & SANDRA M - TOD	13-11-32
E6	MULDREW PATRICIA A - TOD	13-11-27
F6	DOMBROWSKI HAROLD A ET UX	13-10A-29
G6	DOMBROWSKI HAROLD & MARY JO	13-10A-28
H6	GYORKO NINA K	13-10A-27

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
I6	GYORKO NINA K	13-10A-26
J6	COOK DAVID J ET UX - TOD	13-10A-25
K6	COOK DAVID J ET UX - TOD	13-10A-24
L6	CARROLL DIANA L - TOD	13-10A-23
M6	MILLER NATALIE MICHELLE & COMBS BRIAN	13-10A-22
N6	LEWELLEN RICHARD ET AL	13-10A-21
O6	KUTIS JOHN S & SYLVIA M IRREVOCABLE TRUST	13-10A-17
P6	DE VENDRA PHILIP J ET UX	13-10A-16
Q6	STEPHENS CHERYL A	13-10A-15
R6	MOOSMAN MATTHEW G	13-10A-14
S6	WARD DEREK J	13-10A-13
T6	HUNTER WILLIAM D & MARLENE- TOD	13-10A-12
U6	HILL PATRICIA J	13-10A-11
V6	HILL PATRICIA J	13-10A-10
W6	HILL PATRICIA J	13-10A-9
X6	HALL JUSTIN & MADELYN HOPKINS	13-10A-8
Y6	HULL GAYLERD E	13-10A-7
Z6	BRANNAN BRICIE GREER	13-10A-6
A7	MCCLURE DEVAN & LINDSEY CAIN	13-10A-5
B7	FECAT FAMILY TRUST	13-10A-4
C7	BRAUTIGAN RANDY & KAYLA	13-6-50.7
D7	HENDRICKSON WILMA C	13-10A-2

*Highlighted Parcels may be impacted during drilled.

09/18/2026

REVISIONS:	COMPANY: expand			
	OPERATOR'S WELL #: RUTH KELLER MSH 8H		API #: 47-051- 02598	DATE: 06-04-2026
	DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO
				SCALE: N/A
				DRAWING NO:
				WELL LOCATION PLAT 4

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\8H\FINAL\RUTH KELLER 8H 6-4-26\RUTH KELLER MSH 8H 6-04-26.DWG
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