Latitude: 40°00'00" — SURFACE HOLE 8196'

Latitude: 39°57'30" — BOTTOM HOLE 1308'

SURFACE HOLE 5231'

BOTTOM HOLE 9232'

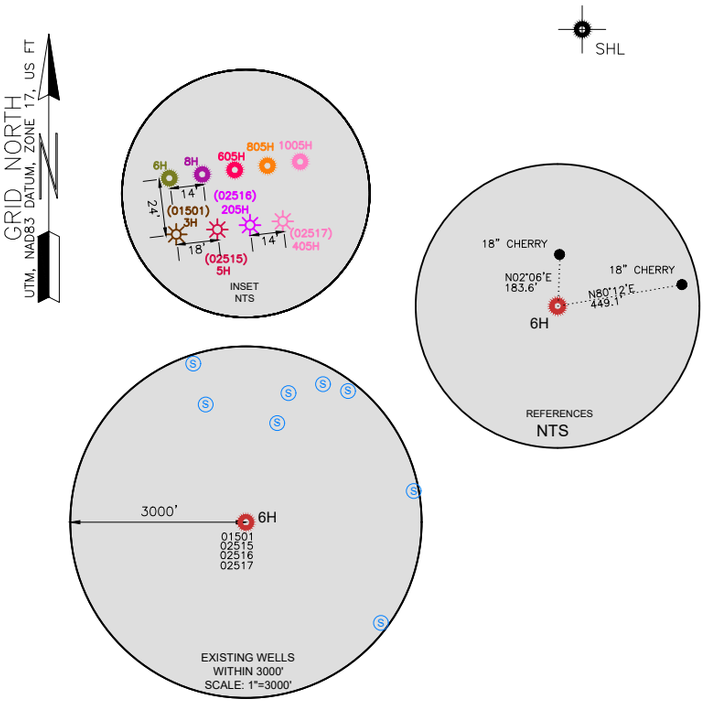
Longitude: 80°40'00"

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

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,207.620 EASTING: 525,961.466
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,183.632 EASTING: 525,933.592
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,420,371.450 EASTING: 528,082.296

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 70°23'30" W	426.95'	SHL TO LANDMARK	5/8" REBAR FOUND
L2	N 27°57'13" W	578.10'	SHL TO LANDMARK	5/8" REBAR FOUND
L4	S 26°09'12" E	1839.64'	AZL1 TO AZL2	
L5	S 19°34'50" E	855.61'	AZL2 TO AZL3	

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 49°17'07" W	120.65'	1,239.67'	SHL TO LPL



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 6H

API WELL #: 47 (STATE) 051 (COUNTY) 02597 (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: 6,529 TVD 27,141' 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

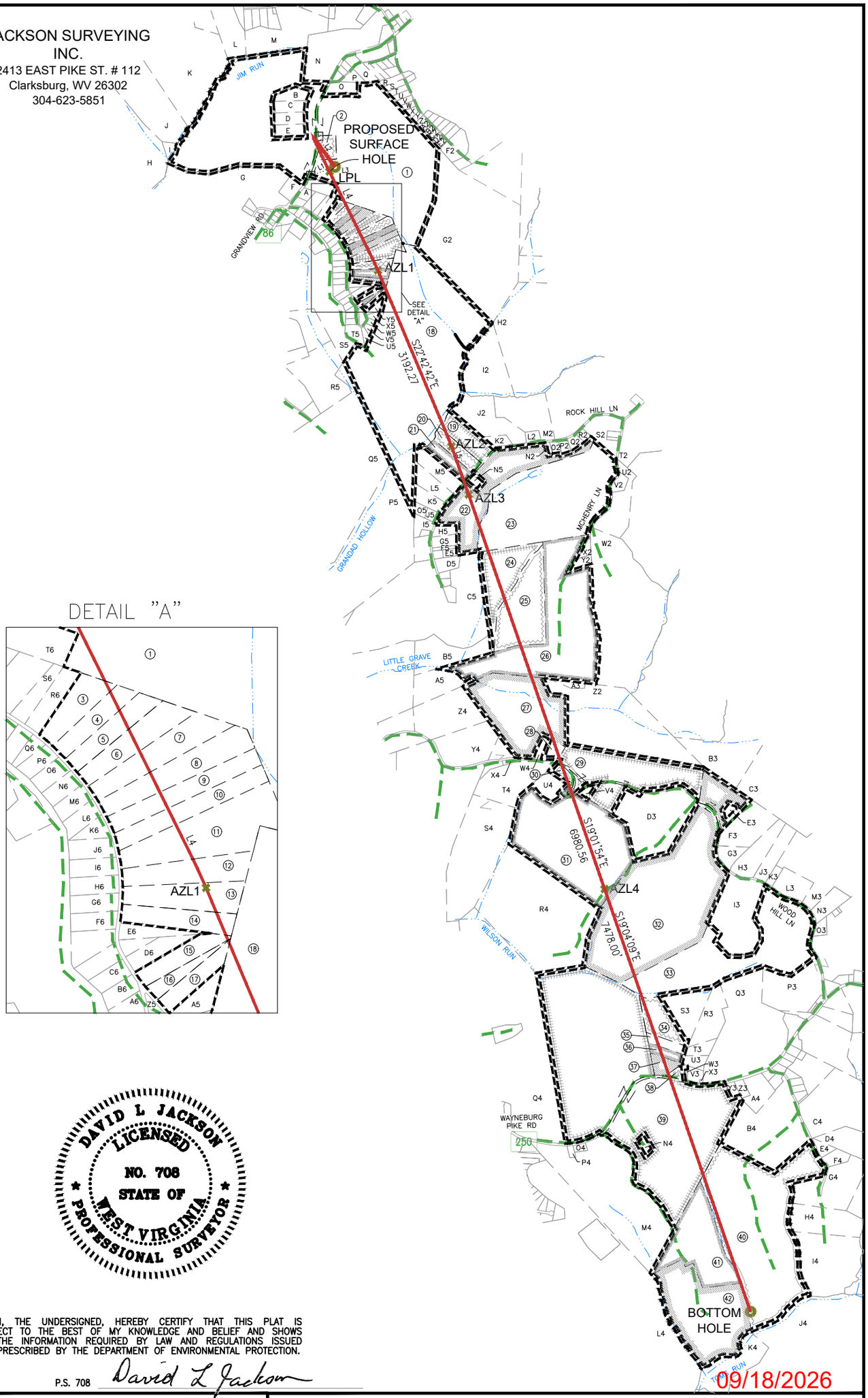
LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- (W) EXISTING WATER WELL
- (S) EXISTING SPRING
- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- PROPOSED PATH

REVISIONS:	DATE: 05-15-2026
	DRAWN BY: N. MANO
	SCALE: 1" = 2000'
	DRAWING NO:
	WELL LOCATION PLAT

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\6H\FINAL\5-15-26\RUTH KELLER MSH 6H ASDRILLED PLAT 1 5-15-26.DWG
FRIDAY MAY 15 2026 10:37AM

PROPERTY NUMBER 675967
PAD ID 3001156093

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



DETAIL "A"

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 6H	API #: 47-051- 02597	DATE: 05-15-2026
			DRAWN BY: N. MANO
DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	SCALE: N/A
			DRAWING NO: WELL LOCATION PLAT 2

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\6H\FINAL\5-15-26\RUTH KELLER MSH 6H ASDRILLED PLAT 1 5-15-26.DWG
FRIDAY MAY 15 2026 10:38AM

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	KELLER WILLIAM J - TOD (S)	13-6-50.2
3	BRANNAN BRICIE GREER (S)	13-10A-6
4	HULL GAYLERD E (S)	13-10A-7
5	HALL JUSTIN & MADELYN HOPKINS (S)	13-10A-8
6	HILL PATRICIA J (S)	13-10A-9
7	HILL PATRICIA J (S)	13-10A-10
8	HILL PATRICIA J (S)	13-10A-11
9	HUNTER WILLIAM D & MARLENE- TOD (S)	13-10A-12
10	WARD DEREK J (S)	13-10A-13
11	MOOSMAN MATTHEW G (S)	13-10A-14
12	STEPHENS CHERYL A (S)	13-10A-15
13	DE VENDRA PHILIP J ET UX (S)	13-10A-16
14	KUTIS JOHN S & SYLVIA M IRREVOCABLE TRUST (S)	13-10A-17
15	LEWELLEN RICHARD ET AL (S)	13-10A-21
16	MILLER NATALIE MICHELLE & COMBS BRIAN (S)	13-10A-22
17	CARROLL DIANA L - TOD (S)	13-10A-23
18	MARSHALL LAND LLC (S)	13-10-2
19	COOEY JUSTIN A (S)	13-10-44
20	CONNER JAMES L & CHARLOTTE (S)	13-10-44.3
21	MALENA RICHARD L ET UX (S)	13-10-44.2
22	ROTH JACOB S (S)	13-10-43.8
23	ROTH FAYE E & HENRY G - TOD (S)	13-10-42
24	ROTH FAYE E & HENRY G - TOD (S)	13-13-5.5
25	WEAVER GEORGE & SANDRA IRREVOCABLE TRUST (S)	13-13-6
26	WEAVER GEORGE & SANDRA IRREVOCABLE TRUST (S)	13-13-7
27	MASON MICHAEL E EST (S)	14-4-5
28	HELLER FRANKLIN C II ET UX (S)	14-4-5.1
29	MASON ROLAND B EST (S)	14-4-6
30	HELLER FRANKLIN C II ET UX (S)	14-4-6.2
31	HELLER FRANKLIN C II ET UX (S)	14-4-7
32	CONKLE BRENT A & AUDRA R (S)	14-4-9
33	BURKETT NATHAN NEIL JR (S)	14-4-10
34	DOYLE RICHARD L ET UX - LIFE (S)	14-4-40.5
35	DOYLE RICHARD L ET UX - LIFE (S)	14-4-40.7
36	SNEIGLE MICHAEL (S)	14-4-40.10
37	PETTIT RONALD A & MARY (S)	14-4-40
38	BLAKE JAMES H & APRIL D (S)	14-4-40.2
39	LAMBIE RICHARD & MARY HANLEY (S)	14-7-38
40	WRIGHT KEYSTONE TRUST (S)	14-5-48
41	SCHWING JERRY E ET UX (S)	14-7-39
42	SCHWING TRAVIS W & MELISSA E (S)	14-7-40

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	HENDRICKSON WILMA C	13-10A-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	MCCABE FAMILY TRUST	13-10-4
J2	TERRY DONALD L - TOD	13-10-43.10
K2	HENDERSON CHARLOTTE D ET AL	13-10-43.4
L2	CRAMER JOHN G & CYBIL	13-10-43.9
M2	CRAMER JOHN GLENN	13-10-43
N2	ICE SUSAN M - TOD	13-10-43.7
O2	ICE SUSAN M - TOD	13-10-43.5
P2	RALBUSKY SCOTT EDWARD, CARLA JO & KATIE MAY	13-10-43.2
Q2	RALBUSKY SCOTT	13-10-43.6
R2	SAMUELS MARIA A	13-10-43.1
S2	DECREASE VINCENT MICHAEL	13-10-41
T2	RANDOLPH ROBERT A	13-10-6.2
U2	ROTH FAYE E & HENRY G - TOD	13-10-42
V2	MASTERS BRIAN K & MELINDA D	13-10-42.1
W2	ROTH FAYE E & HENRY G - TOD	13-13-8
X2	WEAVER GEORGE F II ET UX	13-13-7.1
Y2	WEAVER GEORGE & SANDRA IRREVOCABLE TRUST	13-13-7.2
Z2	MASON JEFFREY B & BETTY LOU	14-4-5.2
A3	WEAVER GEORGE & SANDRA IRREVOCABLE TRUST	13-13-24
B3	HELLER EDGAR D JR TRUST	13-13-23
C3	HILL CHARLES DOUGLAS	13-13-22
D3	OHIO COUNTY COAL RESOURCES INC	14-4-6.1
E3	CHAMBERS MARCIA LYNN EST	14-4-9.1
F3	HILL CHARLES DOUGLAS ET UX	14-4-12
G3	HILL COREY DOUGLAS	14-4-12.1
H3	SAMBUCO KARAH	14-4-13
I3	CONKLE BRENT A & AUDRA R	14-4-11
J3	LONG DAVID S & VICTORIA L	14-4-14
K3	LONG DAVID S & VICTORIA L	14-4-15.1
L3	TWAROG LINDSAY M & CAM M	14-4-15
M3	COLE ELAINE S	14-4-15.3
N3	SPANGLER PATRICK D & JILL KLOSS	14-4-15.2
O3	CLUTTER WENDY R	14-4-16.6
P3	BERTRAM GEORGE E ET UX	14-4-16

*Highlighted Parcels may be impacted during drilled.

09/18/2026

REVISIONS:

COMPANY: expand

OPERATOR'S WELL #:	RUTH KELLER MSH 6H	API #: 47-051- 02597	DATE: 05-15-2026
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\6H\FINAL\5-15-26\RUTH KELLER MSH 6H ASDRILLED PLAT 1 5-15-26.DWG
FRIDAY MAY 15 2026 10:45AM

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
Q3	GUZEK DANIEL D	14-4-38
R3	PELLEY GEORGE F	14-4-40.8
S3	SEDOSKY SAMUEL D & RITA J	14-4-40.3
T3	FRANKLIN JAMES P ET UX	14-4-40.6
U3	MCCOOL ROBERT R ET UX - TOD	14-4-40.9
V3	WENDT CHARLES W & DAISY V	14-4-41
W3	WENDT CHARLES W & DAISY V	14-4-40.1
X3	MANUFACTURERS LIGHT & HEAT	14-4-41.1
Y3	PAN HANDLE FARMERS MUTUAL INS CO OF W VA	14-7-38.4
Z3	MOBLEY ROBERT B	14-5-47
A4	MOBLEY ROBERT B	14-5-46
B4	DOYEL DONNA S - TOD & DEBORAHL HUMMEL	14-5-44
C4	SNEIGLE MICHAEL J & SUMMER	14-5-43
D4	SNEIGLE MICHAEL J & SUMMER	14-5-43.1
E4	NORRIS CHARLES E JR - TOD	14-5-49.2
F4	NORRIS CHARLES E JR - TOD	14-5-49.4
G4	NORRIS CHARLES E JR ET AL -TOD	14-5-49.1
H4	NORRIS CHARLES E JR ET AL	14-5-49.3
I4	NORRIS CHARLES E JR ET AL	14-5-49
J4	REGAN JOHN R & CONNIE THOMAS	14-6-2
K4	REGAN JOHN R & CONNIE L THOMAS	14-6-1
L4	TOMS RUN LLC	14-7-41
M4	LAMBIE RICHARD F JR & JANE DAFOE - TOD	14-7-38.3
N4	RIGGS DONALD GREGORY	14-7-38.5
O4	LAMBIE RICHARD F JR	14-7-38.1
P4	HANLEY MARY L	14-7-38.2
Q4	MASON DALE F & SANDRA L	14-4-43
R4	HELLER FRANKLIN C II ET UX	14-4-8
S4	HELLER FRANKLIN C II ET UX	14-4-4
T4	HELLER FRANKLIN C II ET UX	14-4-4.2
U4	HELLER FRANKLIN C II ET UX	14-4-7.1
V4	HELLER FRANKLIN C II & MARTHA JEAN	14-4-6.3
W4	MASON MICHAEL E EST & TASHA L	14-4-5.3
X4	HELLER FRANKLIN C II & MARTHA JEAN	14-4-4.1
Y4	HELLER FRANKLIN C II ET UX	14-4-3
Z4	HELLER FRANKLIN C II ET AL	14-4-2
A5	DOLGOVSKIJ MICHELE	13-13-4
B5	WEAVER GEORGE F II ET UX	13-13-25
C5	ELLIOTT MELISSA F	13-13-5
D5	ELLIOTT MELISSA R & CHARLES R	13-13-5.1
E5	FLOWERS DIANA & CHELSEA	13-10-45.2
F5	FLOWERS DIANA & CHELSEA	13-10-45.3
G5	FLOWERS DIANA & CHELSEA	13-10-45.6
H5	FLOWERS DIANA & CHELSEA	13-10-45
I5	CONNER SHARON	13-10-45.5
J5	CONNER SHARON	13-10-44.1
K5	CONNER JAMES L & CHARLOTTE	13-10-44.4
L5	CONNER JAMES L & CHARLOTTE	13-10-44.5
M5	BANE RODNEY EUGENE & LORI A	13-10-44.6
N5	MALENA RICHARD L ET UX	13-10-43.3
O5	CONNER SHARON	13-10-45.7
P5	DOBBS JULIE A	13-13-1
Q5	LONGWELL FRANK & LORI	13-10-1
R5	MILLER WILLIAM S & SANDRA M - TOD	13-11-32
S5	MULDREW PATRICIA A - TOD	13-11-27
T5	DOMBROWSKI HAROLD A ET UX	13-10A-29
U5	DOMBROWSKI HAROLD & MARY JO	13-10A-28
V5	GYORKO NINA K	13-10A-27
W5	GYORKO NINA K	13-10A-26
X5	COOK DAVID J ET UX - TOD	13-10A-25

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
Y5	COOK DAVID J ET UX - TOD	13-10A-24
Z5	BUCHANAN ESSIE M	13-10A-28.1
A6	MOORE JAMES E JR ET UX	13-10A-32
B6	SKRZYNEKI JAMES E & LORI L	13-10A-33
C6	SCOTT JOHN W JR	13-10A-34
D6	FILADINO MICHAEL & ALLSION	13-10A-20
E6	DOBKIN REUBEN A & ROSIE M	13-10A-18
F6	BROWN CHARLES R & PAULA H	13-10A-37
G6	LEMMON MARY CATHERINE	13-10A-38
H6	BYARD-CLEMENT FAMILY TRUST	13-10A-39
I6	FISHER ROY L	13-10A-40
J6	MULDREW PATRICIA A - TOD	13-10A-41
K6	MULDREW PATRICIA A - TOD	13-10A-42
L6	MULDREW PATRICIA A - TOD	13-10A-43
M6	LOHRI KATHRYN D	13-10A-44
N6	MCAFEE DOUGLAS W & SUSAN M	13-10A-45
O6	SCHULTZ KAYLA D & CHRISTIOPHER	13-10A-46
P6	HIGGINS SANDRA C	13-10A-47
Q6	MCCLURE DEVAN	13-10A-48
R6	MCCLURE DEVAN & LINDSEY CAIN	13-10A-5
S6	FECAT FAMILY TRUST	13-10A-4
T6	BRAUTIGAN RANDY & KAYLA	13-6-50.7

*Highlighted Parcels may be impacted during drilled.

09/18/2026

REVISIONS:	COMPANY: expand			
	OPERATOR'S WELL #:	RUTH KELLER MSH 6H	API #: 47-051- 02597	DATE: 05-15-2026
				DRAWN BY: N. MANO
	DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	SCALE: N/A
				DRAWING NO: WELL LOCATION PLAT 4

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\6H\FINAL\5-15-26\RUTH KELLER MSH 6H ASDRILLED PLAT 1 5-15-26.DWG
FRIDAY MAY 15 2026 10:46AM