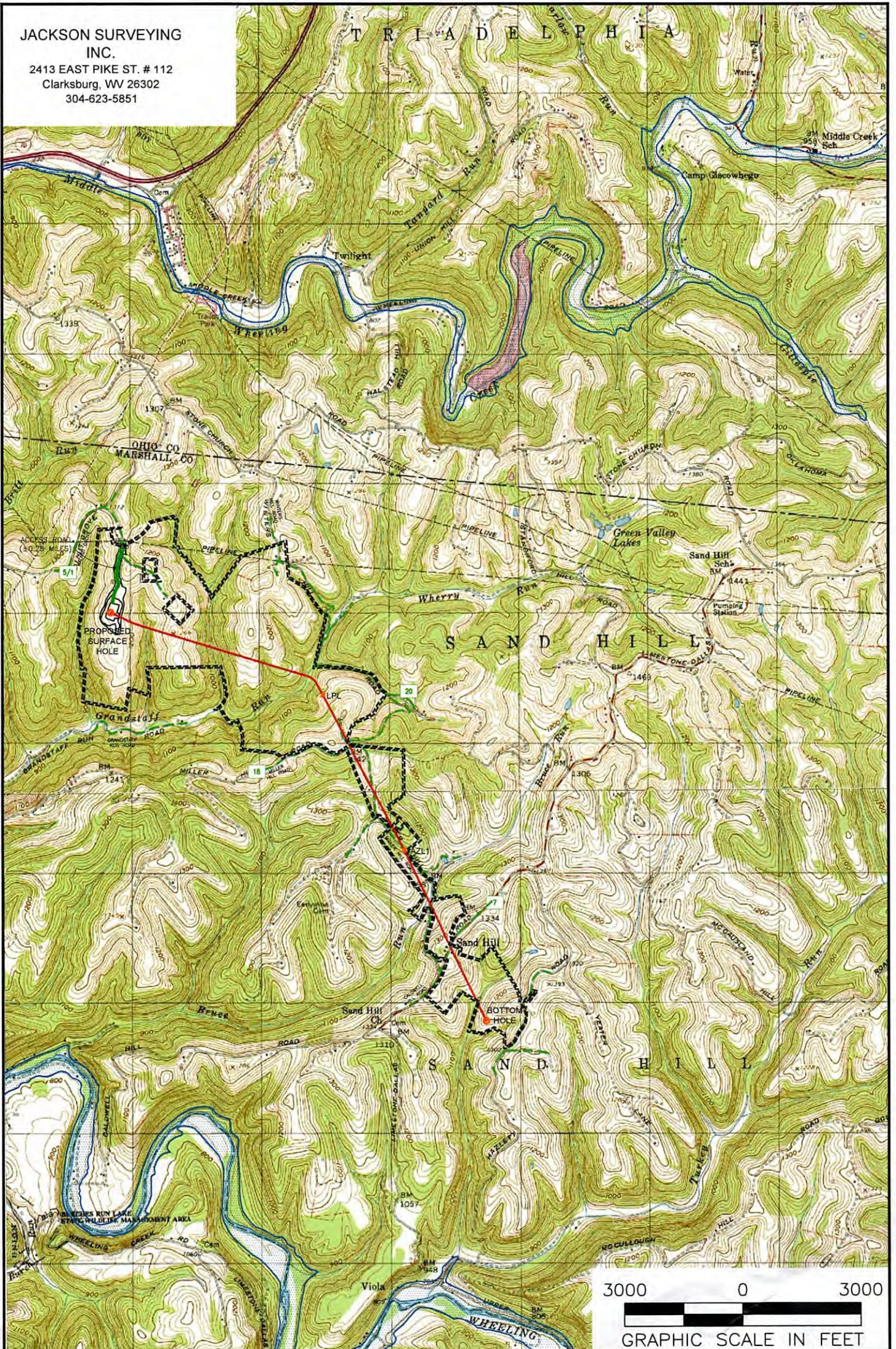


JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851



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.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊙ EXISTING / PRODUCING WELLHEAD
- LPL ✱ LANDING POINT LOCATION
- FLOOD PLAIN
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

04/03/2026

<p>WELL OPERATOR: EXPAND OPERATING LLC</p> <p>ADDRESS: 1300 FORT PIERPONT RD. SUITE 200 MORGANTOWN, WV 26508</p> <p>SURFACE OWNER: BARRY A. & KIMBERLY S. LITMAN</p>	<p>WELL (FARM) NAME: MICHAEL SOUTHWORTH MSH</p> <p>COUNTY - CODE: MARSHALL - 051</p> <p>USGS 7 1/2 QUADRANGLE MAP NAME: VALLEY GROVE, WV</p>	<p>WELL # 810H</p>	<p>SERIAL # SANDHILL</p> <p>API #: 47-051-D2572</p>
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Latitude: 40°02'30"

SURFACE HOLE 8,862'

Latitude: 40°00'00"

BOTTOM HOLE 11,061'

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

Table with 2 columns: Location Name and UTM Coordinates (NORTHING, EASTING).

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT.

Table with 5 columns: LINE, BEARING, DISTANCE, CURVE LENGTH, DESCRIPTION.

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



Longitude: 80°32'30" Longitude: 80°35'00"

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. 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.

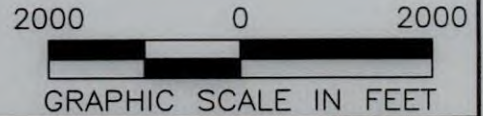
NOTES ON SURVEY

- 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



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

MICHAEL SOUTHWORTH MSH OPERATOR'S WELL #: 810H API WELL #: 47 051 D2572 STATE COUNTY PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [x] DEEP [] GAS [x] LIQUID INJECTION [] STORAGE [] SHALLOW [x]
WATERSHED: GRANDSTAFF RUN OF WHEELING CREEK (HUC-10) ELEVATION: 1271.2'
DISTRICT: SANDHILL COUNTY: MARSHALL QUADRANGLE: VALLEY GROVE, WV
SURFACE OWNER: BARRY A. & KIMBERLY S. LITMAN ACREAGE: ±159.776
OIL & GAS ROYALTY OWNER: BARRY A. & KIMBERLY S. LITMAN ACREAGE: ±159.776
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) 04/03/2026
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,522 TVD 18,331 TMD

WELL OPERATOR: EXPAND OPERATING 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 (Proposed Surface Hole, Existing Wellhead, LPL, Existing Water Well, Existing Spring) and REVISIONS/DATE.

JACKSON SURVEYING
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P.S. 708

David L Jackson



2000 0 2000

GRAPHIC SCALE 04/08/2026

REVISIONS:	COMPANY: expand		
	OPERATOR'S MICHAEL SOUTHWORTH MSH	API #: 47-051-02572	DATE: 01-29-2026
	WELL #: 810H		DRAWN BY: N. MANO
	DISTRICT: SANDHILL	COUNTY: MARSHALL	SCALE: N/A
		STATE: WV	DRAWING NO:
			WELL LOCATION PLAT 2


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

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	LITMAN BARRY A & KIMBERLY S (S/R)	12-2-10
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	REINEKE RICHARD S (S)	12-2-9
3	TUBAUGH NORMA HUNTER ET AL (S)	12-2-5
4	PARKER PETER (S)	12-2-6
5	TOTH JOHN J SR & ALICE J REVOCABLE TRUST (S)	12-8-1
6	GODDARD THERESA M (S)	12-8-9
7	TOTH JOHN J SR & ALICE J REVOCABLE TRUST (S)	12-8-9.1
8	RICHEY BRANDON WAYNE (S)	12-8-14.4
9	RICHEY BRANDON WAYNE (S)	12-8-14.1
10	HOFFMASTER SHERRY L ET AL (S)	12-8-14.5
11	WINTERS DAVID L - LIFE (S)	12-8-14.2
12	FONNER TRAVIS R & STACEY L (S)	12-8-28
13	FONNER TRAVIS R & STACEY L (S)	12-8-27
14	STORCH LOIS M (S)	12-8-15.3
15	STORCH LOIS M (S)	12-8-36
16	STORCH LOIS M (S)	12-8-25
17	WILSON TERRY WAYNE (S)	12-8-24
18	MCCARDLE CLIFFORD B (S)	12-8-20
19	TOTH KRISTINA CIERRA (S)	12-8-21
20	TOTH KRISTINA CIERRA (S)	12-11-12.1
21	STORCH LOIS M - TOD (S)	12-11-12.2
22	MERINAR BRIAN M (S)	12-12-1

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	LITMAN JAMES M & LUCY A	12-2-16.1
B	RADCLIFFE JOHN D & ANNA M	12-2-10.1
C	LITMAN BARRY A	12-2-10.2
D	VELLENOWETH SCOTT U ET UX	12-2-1.1
E	BLATT THERESA L	12-2-23
F	BAIRD FAMILY TRUST	12-2-2
G	GREGORY DONNA R - TOD	12-2-9.1
H	REINEKE RICHARD S	12-2-9.2
I	MCFARLAND DANIEL W & VICKI L	12-2-24
J	MCFARLAND DANIEL W JR	12-2-4.1
K	HUNTER RODNEY J	12-3-14
L	HUNTER MARILYN DARLENE	12-3-14.2
M	MCFARLAND BRIAN MATTHEW	12-3-12.1
N	GANTZER GREGORY	12-3-12
O	GANTZER GREGORY	12-3-11.1
P	MCVICKER R G JR	12-3-11
Q	TOTH JOHN J. SR & ALICE J. REVOCABLE TRUST	12-8-11
R	TOTH JOHN J SR & ALICE J REVOCABLE TRUST	12-8-12
S	KILGORE JAMES E ET UX - LIFE	12-8-13
T	WINTERS DAVID L - LIFE	12-8-14
U	TAYLOR WILLIAM CODY	12-8-14.6
V	HUNTER-BOCK SALLY A	12-8-14.3
W	OHIO COUNTY COAL RESOURCES INC	12-8-15
X	HELLSTERN JOHN J JR ET UX	12-8-15.1
Y	STORCH LOIS M	12-8-17
Z	MERINAR HOWARD ET AL	12-8-16
A2	MCCARDLE CLIFFORD B	12-8-18
B2	MCCARDLE CLIFFORD B	12-8-19
C2	MERINAR MICHAEL L & VICKI L	12-12-1.2
D2	MERINAR TIMOTHY R & ANGELA D	12-12-1.3
E2	HAZLETT JAMES BENTON	12-11-14
F2	ULLOM BRIAN KEITH & SARAH ANN	12-11-14.3
G2	STORCH JOSEPH WILLIAM ET UX	12-11-13
H2	STORCH JOSEPH WILLIAM ET UX	12-11-12
I2	MCGINNIS DARYL & LINDA	12-8-23
J2	MCGINNIS DARYL & LINDA	12-8-22
K2	GRAY ZANDE C	12-8-30
L2	FONNER TRAVIS R & STACEY L	12-8-26
M2	SCHULTZ CHARLES E IRREVOCABLE TRUST	12-8-29
N2	SCHULTZ CHARLES E IRREVOCABLE TRUST	12-8-29.1
O2	SCHULTZ CHARLES E IRREVOCABLE TRUST	12-8-6
P2	CORNELL SALLY SEIBERT & ROBERT	12-8-5
Q2	GODDARD THERESA M	12-8-8
R2	TOTH JOHN J SR & ALICE - TRUST	12-8-4
S2	TDL&G LLC	12-2-8
T2	G F P CORP	12-2-12
U2	WV BRIGHTMONT LLC	12-2-14
V2	EDGE WILLIAM F JR - TOD ET AL	12-2-15
W2	EDGE WILLIAM F JR - TOD ET AL	12-2-16

*Highlighted Parcels may be impacted during drilling.

04/03/2026

REVISIONS:	COMPANY:		
			
	OPERATOR'S MICHAEL SOUTHWORTH MSH	API #:	DATE: 01-29-2026
	WELL #:	810H	47-051-02572
	DISTRICT:	COUNTY:	DRAWN BY: N. MANO
	SANDHILL	MARSHALL	SCALE: N/A
		STATE:	DRAWING NO:
		WV	WELL LOCATION PLAT 3