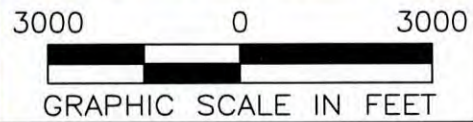


JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851



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.
 4. 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

WELL OPERATOR: EXPAND OPERATING LLC	WELL (FARM) NAME: MICHAEL SOUTHWORTH MSH	WELL # 1010H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD. SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE MARSHALL - 051	DISTRICT; SANDHILL	
SURFACE OWNER: BARRY A. & KIMBERLY S. LITMAN	USGS 7 1/2 QUADRANGLE MAP NAME VALLEY GROVE, WV	API #: 47-051-02573	

Latitude: 40°02'30"

SURFACE HOLE 8,833'

Latitude: 40°00'00"

BOTTOM HOLE 9,354'

JACKSON SURVEYING INC.

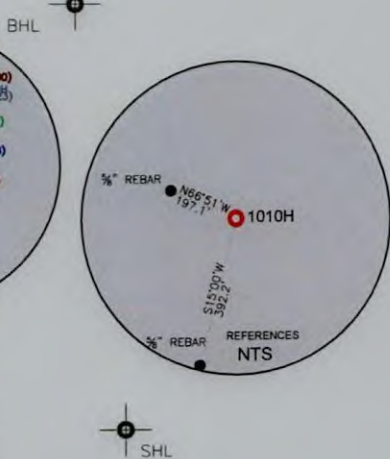
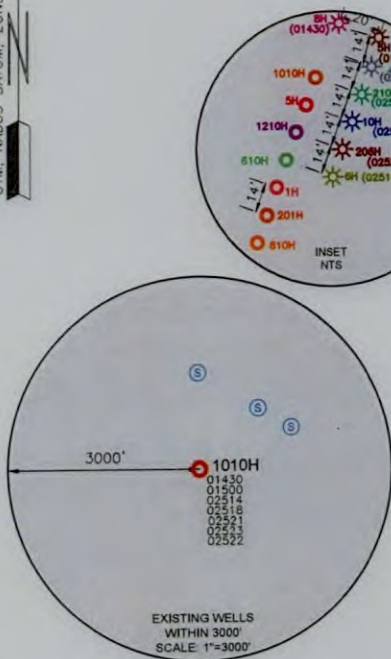
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,429,246.275
EASTING: 532,867.474
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,430,172.009
EASTING: 533,777.496
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,425,976.429
EASTING: 536,282.347

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 10°58'17" E	1688.23'	SHL TO LANDMARK	5/8" REBAR FOUND
L2	N 46°11'46" E	1138.93'	SHL TO LANDMARK	NAIL @ FENCE INT.

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 44°30'35" E	4258.93'	5005.98'	SHL TO LPL

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



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.

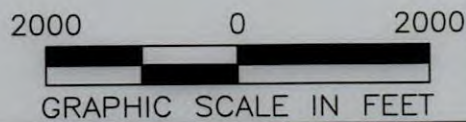
NOTES ON SURVEY

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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 ELEVATION: GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 1010H API WELL #: 47 STATE, 051 COUNTY, 02573 PERMIT
	MICHAEL SOUTHWORTH MSH	

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

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

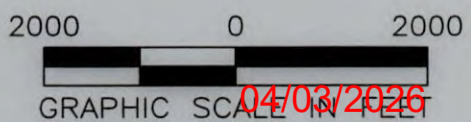
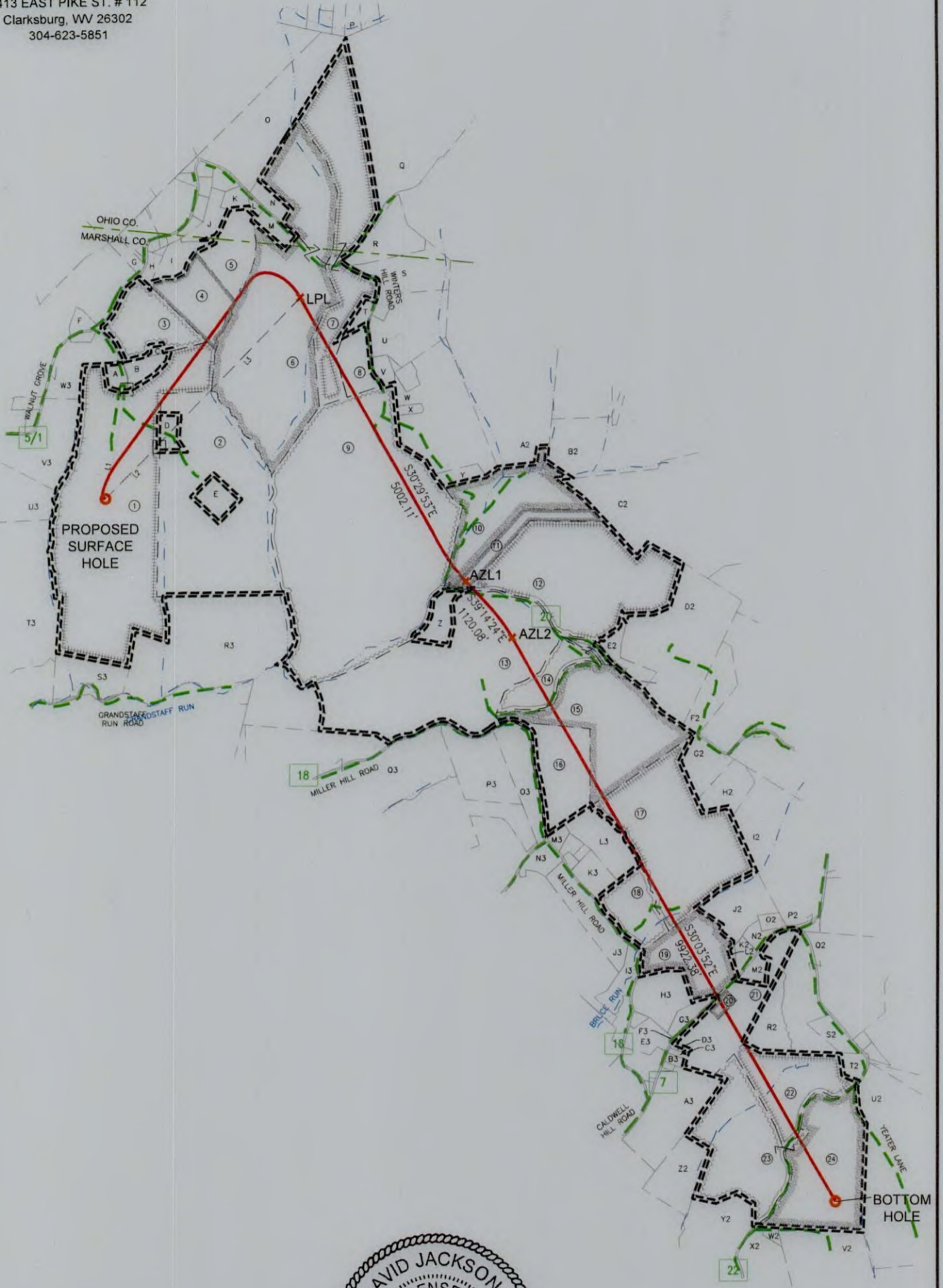
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **04/03/2026**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,489 TVD 24,554 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

LEGEND:  PROPOSED SURFACE HOLE / BOTTOM HOLE  EXISTING / PRODUCING WELLHEAD  LPL  EXISTING WATER WELL EXISTING SPRING	 SURVEYED BOUNDARY  DRILLING UNIT  LEASE BOUNDARY  PROPOSED PATH	REVISIONS: DATE: 01-29-2026 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
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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*

REVISIONS:		COMPANY:			
OPERATOR'S MICHAEL SOUTHWORTH MSH		API #:	DATE: 01-29-2026		DRAWN BY: N. MANO
WELL #: 1010H		47-051-02573		SCALE: N/A	
DISTRICT: SANDHILL	COUNTY: MARSHALL	STATE: 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	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	VELLENOWETH SCOTT U ET UX (S)	12-2-1.1
4	BLATT THERESA L (S)	12-2-23
5	BLATT THERESA L (S)	6-T18-19
6	BAIRD FAMILY TRUST (S)	12-2-2
7	BAIRD FAMILY TRUST (S)	6-T18-6
8	MCFARLAND DANIEL W & VICKI L (S)	12-2-24
9	TUBAUGH NORMA HUNTER ET AL (S)	12-2-5
10	GANTZER GREGORY (S)	12-3-12
11	GANTZER GREGORY (S)	12-3-11.1
12	MCVICKER R G JR (S)	12-3-11
13	TOTH JOHN J SR & ALICE J REVOCABLE TRUST (S)	12-8-1
14	TOTH JOHN J SR & ALICE J REVOCABLE TRUST (S)	12-8-11
15	TOTH JOHN J SR & ALICE J REVOCABLE TRUST (S)	12-8-12
16	TOTH JOHN J SR & ALICE J REVOCABLE TRUST (S)	12-8-9.1
17	KILGORE JAMES E ET UX - LIFE (S)	12-8-13
18	HUNTER-BOCK SALLY A (S)	12-8-14.3
19	OHIO COUNTY COAL RESOURCES INC (S)	12-8-15
20	KIGER BRANDY LYNN (S)	12-8-16.2
21	MERINAR HOWARD ET AL (S)	12-8-16
22	MERINAR MICHAEL L & VICKI L (S)	12-12-1.2
23	MERINAR BRIAN M (S)	12-12-1
24	MERINAR TIMOTHY R & ANGELA D (S)	12-12-1.3

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	RADCLIFFE JOHN D & ANNA M	12-2-10.1
B	LITMAN BARRY A	12-2-10.2
C	LITMAN BARRY A & KIMBERLY S	12-2-1.2
D	GREGORY DONNA R - TOD	12-2-9.1
E	REINEKE RICHARD S	12-2-9.2
F	LITMAN JAMES L ET UX - TOD	12-2-1
G	LIEBERS CHRISTOPHER J	12-2-19
H	SEIDLER ROBERT T ET UX	12-2-17
I	BLATT THERESA L	12-2-22
J	BLATT THERESA L	6-T18-20
K	BLATT THERESA	6-T18-18
L	BLATT THERESA L	6-T18-33
M	MCCREARY STEWART LEE & MCCREARY SHERRY	6-T18-35
N	SZYMALIS STANLEY	6-T18-34
O	BLATT THERESA L	6-T18-17
P	FITZSIMMONS DAVID H & B K	6-T13-5.9
Q	GLAUSER CHAD R	6-T18-7
R	TUBAUGH CHAD ERIC	12-3-1.2
S	TUBAUGH JOHN D & CANDY L	12-3-1.1
T	GANTZER GREGORY	12-2-25
U	TUBAUGH NORMA J	12-3-1
V	MCFARLAND DANIEL W JR	12-2-4.1
W	HUNTER RODNEY J	12-3-14
X	HUNTER MARILYN DARLENE	12-3-14.2
Y	MCFARLAND BRIAN MATTHEW	12-3-12.1
Z	PARKER PETER	12-2-6
A2	MCNINCH NEIL L ET AL; C/O MCNINCH MICHAEL	6-T18-10
B2	ESTEP JERRY R ET AL	12-3-2
C2	THOMAS J W ET UX	12-3-9
D2	TOTH JOHN J SR & ALICE - TRUST	12-7-1
E2	LYNSKEY JOHN T	12-3-10
F2	TOTH JOHN J SR & ALICE - TRUST	12-7-2
G2	HUNTER GARY P	12-7-21
H2	TOTH JOHN J ET UX - TRUST	12-7-20
I2	HILLBERRY GARRY L ET UX	12-7-18
J2	GARRISON DAN R & SANDRA ET AL	12-8-15.6
K2	GARRISON DAN R ET AL	12-8-15.5
L2	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	12-8-15.7
M2	MERINAR MICHAEL S & JAMIE K	12-8-16.1
N2	GARRISON SANDRA L	12-8-15.2
O2	GARRISON SANDRA L	12-8-15.4
P2	HILLBERRY GARRY L ET UX	12-7-18
Q2	MERINAR HOWARD ET AL	12-7-16
R2	MERINAR HOWARD ET AL	12-7-15
S2	MERINAR MICHAEL S & JAMIE K	12-7-16.1
T2	MERINAR JAMIE K	12-12-1.1
U2	MERINAR HOWARD L & MARY LOU	12-12-2
V2	HOFFMAN DALE E ET UX	12-12-14
W2	HAZLETT JAMES BENTON	12-11-14.1
X2	HAZLETT JAMES BENTON	12-11-14
Y2	ULLOM BRIAN KEITH & SARAH ANN	12-11-14.3
Z2	STORCH JOSEPH WILLIAM ET UX	12-11-13
A3	STORCH LOIS M - TOD	12-11-12.2
B3	MCCARDLE CLIFFORD B	12-8-20
C3	MCCARDLE CLIFFORD B	12-8-19
D3	MCCARDLE CLIFFORD B	12-8-18
E3	STORCH LOIS M	12-8-25
F3	STORCH LOIS M	12-8-17
G3	HELLSTERN JOHN J JR ET UX	12-8-15.1
H3	STORCH LOIS M	12-8-15.3
I3	FONNER TRAVIS R & STACEY L	12-8-27
J3	FONNER TRAVIS R & STACEY L	12-8-28
K3	WINTERS DAVID L - LIFE	12-8-14.2
L3	WINTERS DAVID L - LIFE	12-8-14
M3	RICHEY BRANDON WAYNE	12-8-14.4
N3	SCHULTZ CHARLES E IRREVOCABLE TRUST	12-8-29.1
O3	GODDARD THERESA M	12-8-9
P3	GODDARD THERESA M	12-8-8
Q3	TOTH JOHN J SR & ALICE - TRUST	12-8-4
R3	TDL&G LLC	12-2-8
S3	G F P CORP	12-2-12
T3	WV BRIGHTMONT LLC	12-2-14
U3	EDGE WILLIAM F JR - TOD ET AL	12-2-15
V3	EDGE WILLIAM F JR - TOD ET AL	12-2-16
W3	GIZA ALEXANDER C & CHRISTOPHER C	12-2-16.1

*Highlighted Parcels may be impacted during drilling.

04/03/2026

REVISIONS:	COMPANY:		
	OPERATOR'S MICHAEL SOUTHWORTH MSH	API #:	DATE: 01-29-2026
	WELL #:	47-051-02573	DRAWN BY: N. MANO
	DISTRICT: SANDHILL	COUNTY: MARSHALL	SCALE: N/A
		STATE: WV	DRAWING NO:
			WELL LOCATION PLAT 3