

Latitude: 40°02'30"

SURFACE HOLE 8,825'

Latitude: 40°00'00" BOTTOM HOLE

3,539'

JACKSON SURVEYING INC.

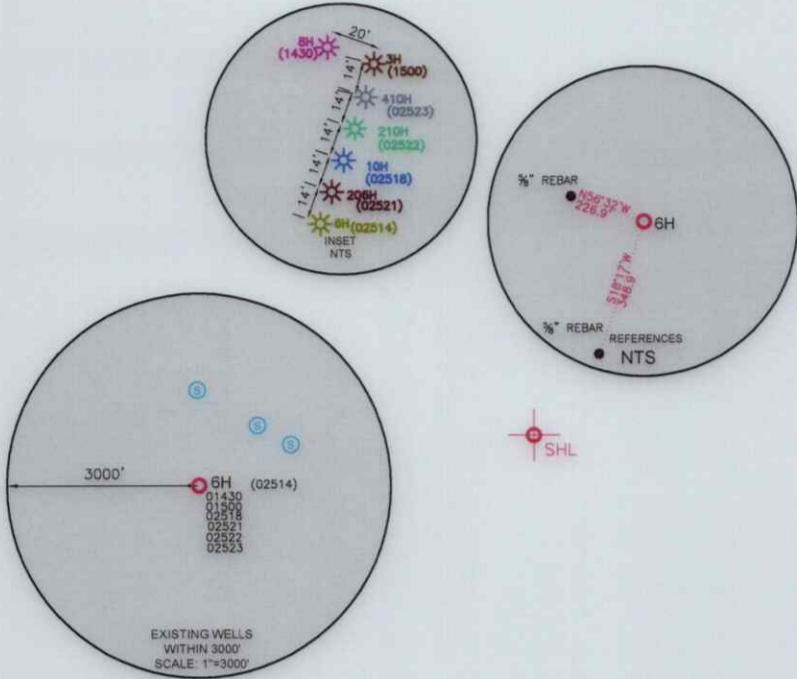
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

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

SURFACE HOLE LOCATION (SHL):
UTM (NAD27, ZONE 17, METERS): NORTHING: 4,429,231.790 EASTING: 532,869.927
LANDING POINT (LPL):
UTM (NAD27, ZONE 17, METERS): NORTHING: 4,429,156.676 EASTING: 532,667.610
BOTTOM HOLE LOCATION (BHL):
UTM (NAD27, ZONE 17, METERS): NORTHING: 4,425,241.792 EASTING: 534,500.199

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 10°24'40" E	1733.44'	SHL TO LANDMARK	5/8" REBAR FOUND
L2	N 44°14'15" E	1166.69'	SHL TO LANDMARK	5/8" REBAR FOUND
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 69°37'56" W	708.04'	1,576.73'	SHL TO LPL

BOTTOM HOLE 8,513'
SURFACE HOLE 10,572'
Longitude: 80°35'00"
Longitude: 80°30'00"



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,231.733 EASTING: 532,870.004
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,152.914 EASTING: 532,665.491
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,425,243.813 EASTING: 534,504.841

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*



(+) 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)

COMPANY: **expand**

MICHAEL SOUTHWORTH MSH
OPERATOR'S WELL #: 6H

API WELL #: **47** **051** **02514**
STATE COUNTY PERMIT

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

WATERSHED: GRANDSTAFF RUN OF WHEELING CREEK (HUC-10) ELEVATION: 1,271.4'

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) **ASDRILLED**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,575' IVD 21,040' 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:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 05-15-2025
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊙ EXISTING / PRODUCING WELLHEAD	== LEASE BOUNDARY		
LPL * LANDING POINT LOCATION	— ASDRILLED PATH		DRAWN BY: N. MANO
⊙ EXISTING WATER WELL	— PROPOSED PATH		SCALE: 1" = 2000'
⊙ EXISTING SPRING			DRAWING NO:
			WELL LOCATION PLAT

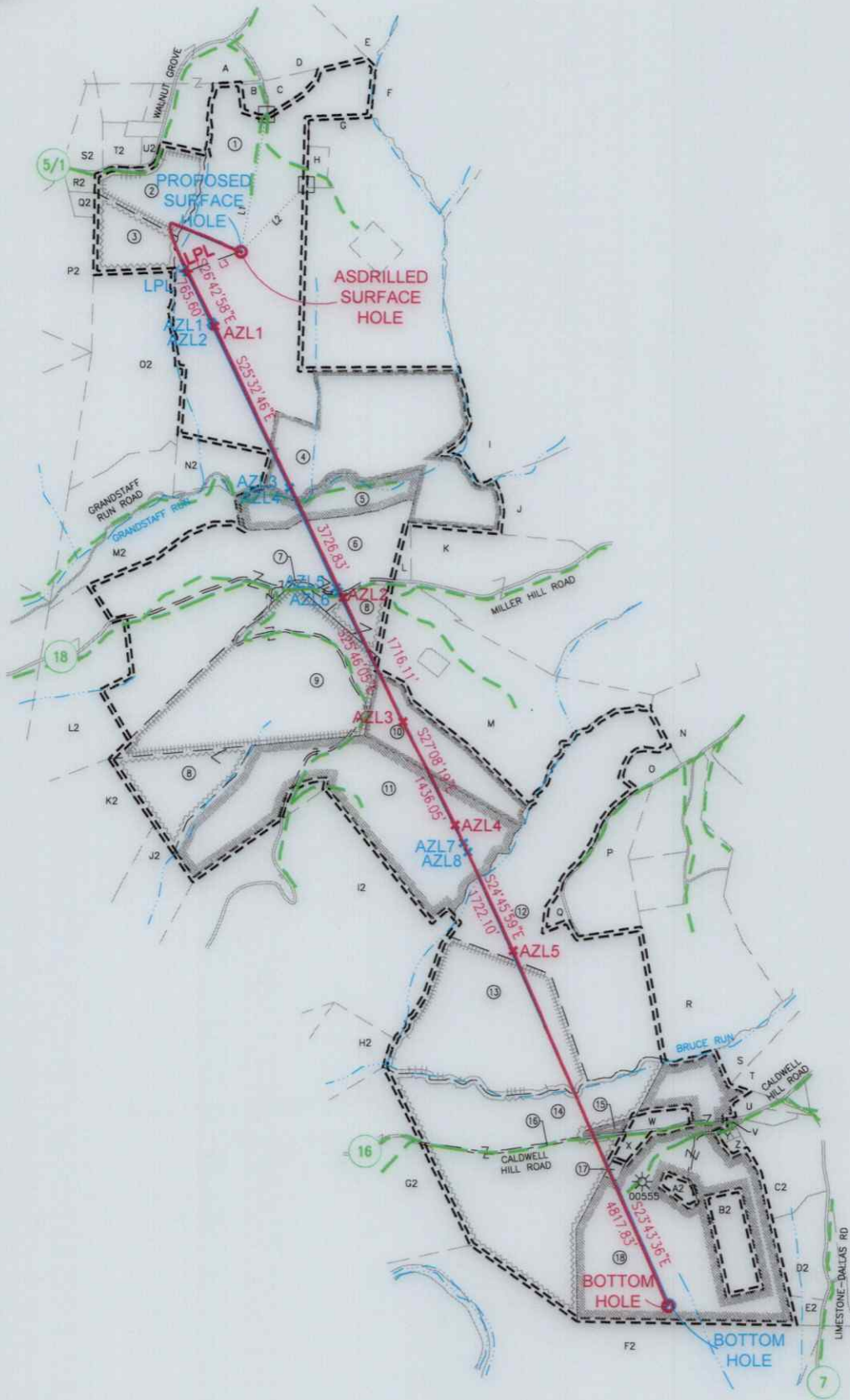
JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112

Clarksburg, WV 26302

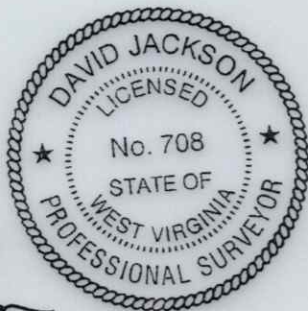
304-623-5851



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



03/20/2026

REVISIONS:

COMPANY:



OPERATOR'S MICHAEL SOUTHWORTH MSH

API #: 47-051-02514

DATE: 05-15-2025

WELL #: 6H

DRAWN BY: N. MANO

DISTRICT: SANDHILL

COUNTY: MARSHALL

STATE: WV

SCALE: N/A

DRAWING NO: WELL LOCATION PLAT 2


**JACKSON SURVEYING
INC.**

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

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	REINEKE RICHARD S	12-2-9
H	GREGORY JOHN W ET UX	12-2-9.1
I	TUBAUGH NORMA HUNTER ET AL	12-2-5
J	TOTH JOHN J SR & ALICE J REVOCABLE TRUST	12-8-1
K	TOTH JOHN J SR & ALICE - TRUST	12-8-4
L	TOTH JOHN J SR & ALICE - TRUST	12-8-4.1
M	RICHEY RANDY ET UX	12-8-35
N	SCHULTZ CHARLES E & CLAUDIA M - TOD	12-8-6
O	TOLAND CARRIE M	12-8-33.1
P	TOLAND MARGARET	12-8-32
Q	TOLAND DAVID ET UX	12-8-33.2
R	WINTERS BEVERLY DIANE	12-11-6
S	STORCH JOSEPH WILLIAM ET UX	12-11-7
T	STORCH JOSEPH WILLIAM ET UX	12-11-12
U	GRAY WYATT MATTHEW	12-11-8.6
V	GRAY DONALD G ET UX - TOD	12-11-8.2
W	GRAY WYATT MATTHEW	12-11-8.5
X	TEMPLE TERRY L & BEVERLY J - TOD	12-11-8.3
Y	RUNKLE MICHELLE LEE	12-11-8.1
Z	RUNKLE MICHELL LEE	12-11-8.7
A2	RAYMOND JOHN	12-11-8.9
B2	OHIO COUNTY COAL RESOURCES INC	12-11-8.8
C2	KLAGES MARY ANN	12-11-10
D2	HILLBERRY GARRY L	12-11-9
E2	HILLBERRY PAUL E JR	12-11-9.3
F2	THOMAS RICHARD LEE BARTON	12-11-16
G2	TH EXPLORATION LLC	12-11-3
H2	CLAYTON CHARLES W ET AL	12-11-2
I2	MERINAR CALVIN C - LIFE	12-9-18
J2	MERINAR CALVIN C - LIFE	12-9-19
K2	FISHER CHARLES B & CARLA S	12-9-20
L2	GRAY JOHN ALVIN EST	12-9-11
M2	GIBSON WILLIAM E	12-9-12
N2	G F P CORP	12-2-12
O2	WV BRIGHTMONT LLC	12-2-14
P2	WV BRIGHTMONT LLC	12-1-16
Q2	GIZA ALEXANDER C & CHRISTOPHER C	12-1-16.2
R2	GIZA ALEXANDER C & CHRISTOPHER C	12-1-16.1
S2	WV BRIGHTMONT LLC	12-1-16
T2	EDGE DAVID W & THERESA T	12-2-16.5
U2	DE LA CRUZ CAITLIN EDGE	12-2-16.6

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	LITMAN BARRY A & KIMBERLY S (S)	12-2-10
2	EDGE WILLIAM F JR - TOD ET AL (S)	12-2-16
3	EDGE WILLIAM F JR - TOD ET AL (S)	12-2-15
4	TDL&G LLC (S)	12-2-8
5	G F P CORP (S)	12-2-7
6	PORTER CARLA S (S)	12-9-13
7	W VA DEPT OF HIGHWAYS (S)	Miller Hill Rd
8	MERINAR CALVIN C - LIFE (S)	12-9-15
9	MERINAR JAMES MARTIN ET UX (S)	12-9-15.1
10	MERINAR CALVIN C - LIFE (S)	12-8-34
11	MERINAR CALVIN C - LIFE (S)	12-9-16
12	TOLAND WILLIAM EUGENE ET AL (S)	12-8-33
13	TOLAND SONDR A J & WILLIAM E (S)	12-9-17
14	TEMPLE TERRY L & BEVERLY J - TOD (S)	12-11-4
15	TEMPLE DONALD LEE (S)	12-11-4.1
16	W VA DEPT OF HIGHWAYS (S)	Caldwell Hill Rd
17	TEMPLE TERRY L & BEVERLY J - TOD (S)	12-11-8.4
18	GRAY DONALD G - TOD & GRAY WYATT MATTHEW (S)	12-11-8

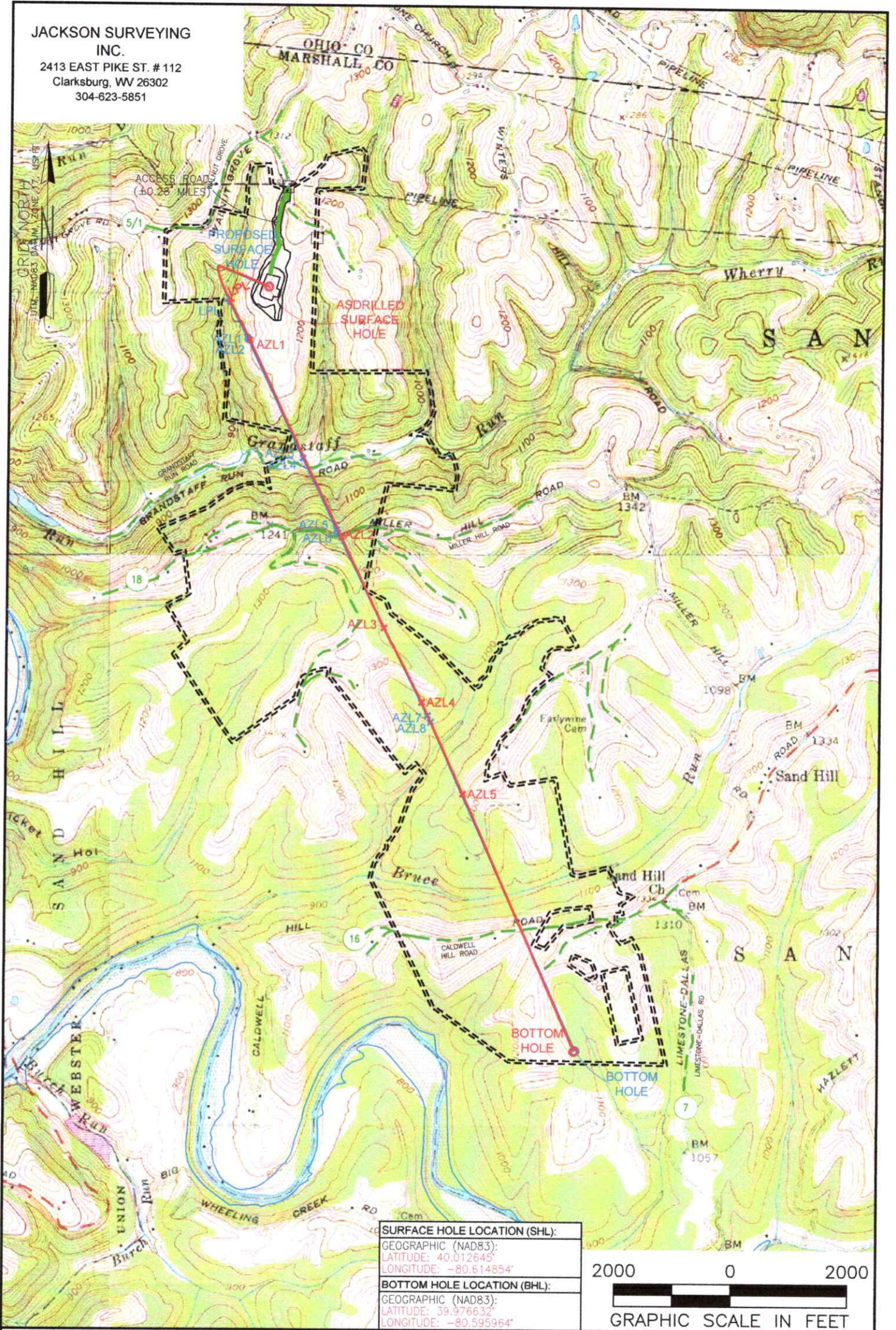
03/20/2026

REVISIONS:	COMPANY:		
			
	OPERATOR'S MICHAEL SOUTHWORTH MSH	API #:	DATE: 05-15-2025
	WELL #:	47-051-02514	DRAWN BY: N. MANO
	DISTRICT:	STATE:	SCALE: N/A
	SANDHILL	WV	DRAWING NO:
	COUNTY:		WELL LOCATION PLAT 3
	MARSHALL		

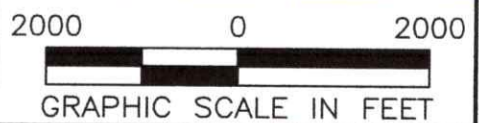
JACKSON SURVEYING

INC.

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.012645°
LONGITUDE: -80.614854°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.976632°
LONGITUDE: -80.595964°



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	PUBLIC ROAD	03/20/2026
EXISTING / PRODUCING WELLHEAD	ACCESS ROAD TO PREV. SITE	LEASE BOUNDARY	
LPL* LANDING POINT LOCATION	PROPOSED PATH	ASDRILLED PATH	
FLOOD PLAIN			

WELL OPERATOR: EXPAND OPERATING LLC	WELL (FARM) NAME: MICHAEL SOUTHWORTH MSH	WELL # 6H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, 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 #: 47-051-02514	

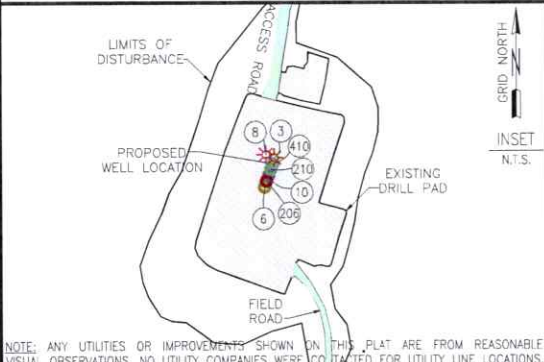
JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851

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



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 SURFACE HOLES ARE TO BE DRILLED WITHIN THE LEASE BOUNDARIES.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:

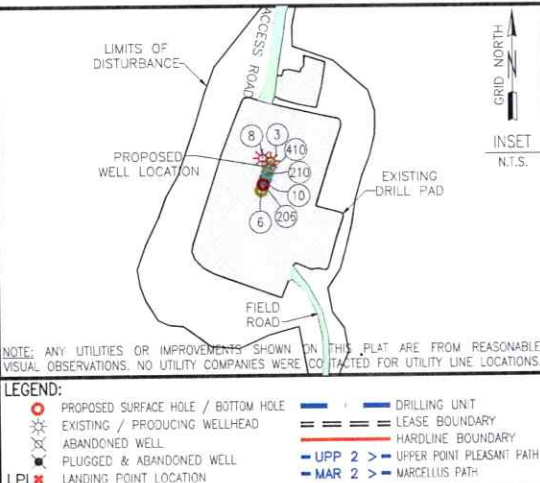
	PROPOSED SURFACE HOLE / BOTTOM HOLE		DRILLING UNIT
	EXISTING / PRODUCING WELLHEAD		LEASE BOUNDARY
	ABANDONED WELL		HARDLINE BOUNDARY
	PLUGGED & ABANDONED WELL		UPP 2 > UPPER POINT PLEASANT PATH
	LPL LANDING POINT LOCATION		MAR 2 > MARCELLUS PATH

COMPANY:			
OPERATOR'S			MICHAEL SOUTHWORTH MSH
WELL #:			6H
DISTRICT:	COUNTY:	STATE:	
SANDHILL	MARSHALL	WV	
EXPAND OPERATING LLC SURFACE HOLES			
3. "MICHAEL SOUTHWORTH MSH 3H"			
6. "MICHAEL SOUTHWORTH MSH 6H"			
8. "MICHAEL SOUTHWORTH MSH 8H"			
10. "MICHAEL SOUTHWORTH MSH 10H"			
206. "MICHAEL SOUTHWORTH MSH 206H"			
210. "MICHAEL SOUTHWORTH MSH 210H"			
410. "MICHAEL SOUTHWORTH MSH 410H"			
REVISIONS:			DATE: 05-15-2025
			DRAWN BY: N. MANO
			SCALE: 1" = 2000'
			DRAWING NO:
			INTERNAL WELL PLAT NO:

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

SURFACE HOLE LOCATION (SHL):	
GEOGRAPHIC (NAD83):	
LATITUDE: 40.012645°	
LONGITUDE: -80.614854°	
UTM (NAD83, ZONE 17, FEET):	
NORTHING: 14,531,571.297	
EASTING: 1,748,257.420	
UTM (NAD283 ZONE 17, METERS):	
NORTHING: 4,429,231.799	
EASTING: 532,869.927	
LANDING POINT LOCATION (LPL):	
GEOGRAPHIC (NAD83):	
LATITUDE: 40.011977°	
LONGITUDE: -80.617728°	
UTM (NAD83, ZONE 17, FEET):	
NORTHING: 14,531,324.860	
EASTING: 1,747,593.650	
UTM (NAD283 ZONE 17, METERS):	
NORTHING: 4,429,156.676	
EASTING: 532,667.610	
AZIMUTH POINT LOCATION-1 (AZL1):	AZIMUTH POINT LOCATION-4 (AZL4):
GEOGRAPHIC (NAD83):	GEOGRAPHIC (NAD83):
LATITUDE: 40.010095°	LATITUDE: 39.993071°
LONGITUDE: -80.616919°	LONGITUDE: -80.605364°
UTM (NAD83, ZONE 17, FEET):	UTM (NAD83, ZONE 17, FEET):
NORTHING: 14,530,640.990	NORTHING: 14,524,453.000
EASTING: 1,747,937.940	EASTING: 1,750,946.060
UTM (NAD283 ZONE 17, METERS):	UTM (NAD283 ZONE 17, METERS):
NORTHING: 4,428,948.232	NORTHING: 4,427,062.766
EASTING: 533,772.519	EASTING: 533,689.433
AZIMUTH POINT LOCATION-2 (AZL2):	AZIMUTH POINT LOCATION-5 (AZL5):
GEOGRAPHIC (NAD83):	GEOGRAPHIC (NAD83):
LATITUDE: 40.000842°	LATITUDE: 39.989768°
LONGITUDE: -80.610323°	LONGITUDE: -80.602614°
UTM (NAD83, ZONE 17, FEET):	UTM (NAD83, ZONE 17, FEET):
NORTHING: 14,527,278.500	NORTHING: 14,522,941.380
EASTING: 1,749,544.990	EASTING: 1,751,667.500
UTM (NAD283 ZONE 17, METERS):	UTM (NAD283 ZONE 17, METERS):
NORTHING: 4,427,923.343	NORTHING: 4,426,586.146
EASTING: 533,262.379	EASTING: 533,909.322
AZIMUTH POINT LOCATION-3 (AZL3):	BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):	GEOGRAPHIC (NAD83):
LATITUDE: 39.996589°	LATITUDE: 39.976632°
LONGITUDE: -80.607883°	LONGITUDE: -80.595964°
UTM (NAD83, ZONE 17, FEET):	UTM (NAD83, ZONE 17, FEET):
NORTHING: 14,525,733.040	NORTHING: 14,518,480.780
EASTING: 1,750,291.030	EASTING: 1,753,606.070
UTM (NAD283 ZONE 17, METERS):	UTM (NAD283 ZONE 17, METERS):
NORTHING: 4,427,452.285	NORTHING: 4,425,241.792
EASTING: 533,489.773	EASTING: 534,500.129

SURFACE HOLE LOCATION (SHL):	
GEOGRAPHIC (NAD27):	
LATITUDE: 40.012572°	
LONGITUDE: -80.615056°	
UTM (NAD27, ZONE 17, FEET):	
NORTHING: 552,860.910	
EASTING: 1,687,671.092	
LANDING POINT LOCATION (LPL):	
GEOGRAPHIC (NAD27):	
LATITUDE: 40.011903°	
LONGITUDE: -80.617430°	
UTM (NAD27, ZONE 17, FEET):	
NORTHING: 552,625.145	
EASTING: 1,687,003.079	
AZIMUTH POINT LOCATION-1 (AZL1):	AZIMUTH POINT LOCATION-4 (AZL4):
GEOGRAPHIC (NAD27):	GEOGRAPHIC (NAD27):
LATITUDE: 40.010021°	LATITUDE: 39.992997°
LONGITUDE: -80.616212°	LONGITUDE: -80.605567°
UTM (NAD27, ZONE 17, FEET):	UTM (NAD27, ZONE 17, FEET):
NORTHING: 551,835.369	NORTHING: 549,697.792
EASTING: 1,687,335.886	EASTING: 1,690,241.187
AZIMUTH POINT LOCATION-2 (AZL2):	AZIMUTH POINT LOCATION-5 (AZL5):
GEOGRAPHIC (NAD27):	GEOGRAPHIC (NAD27):
LATITUDE: 40.000767°	LATITUDE: 39.988694°
LONGITUDE: -80.610529°	LONGITUDE: -80.603016°
UTM (NAD27, ZONE 17, FEET):	UTM (NAD27, ZONE 17, FEET):
NORTHING: 548,545.271	NORTHING: 544,211.664
EASTING: 1,686,897.052	EASTING: 1,690,936.594
AZIMUTH POINT LOCATION-3 (AZL3):	BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD27):	GEOGRAPHIC (NAD27):
LATITUDE: 39.996514°	LATITUDE: 39.976557°
LONGITUDE: -80.607885°	LONGITUDE: -80.596166°
UTM (NAD27, ZONE 17, FEET):	UTM (NAD27, ZONE 17, FEET):
NORTHING: 546,986.987	NORTHING: 539,677.656
EASTING: 1,689,607.364	EASTING: 1,682,801.776



COMPANY: **expand**

OPERATOR'S: MICHAEL SOUTHWORTH MSH

WELL #: 6H

DISTRICT: SANDHILL COUNTY: MARSHALL STATE: WV

EXPAND OPERATING LLC
 SURFACE HOLES
 3. MICHAEL SOUTHWORTH MSH 3H*
 6. MICHAEL SOUTHWORTH MSH 6H*
 8. MICHAEL SOUTHWORTH MSH 8H*
 10. MICHAEL SOUTHWORTH MSH 10H*
 206. MICHAEL SOUTHWORTH MSH 206H*
 210. MICHAEL SOUTHWORTH MSH 210H*
 410. MICHAEL SOUTHWORTH MSH 410H*

REVISIONS: DATE: 05-15-2025

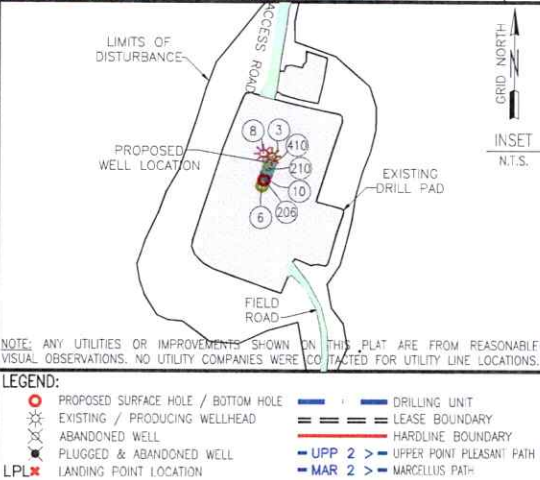
DRAWN BY: N. MANO
 SCALE: 1" = 2000'
 DRAWING NO:
 INTERNAL WELL PLAT:

05/20/2026

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

SURFACE HOLE LOCATION (SHL):	AZIMUTH POINT LOCATION-4 (AZL4):
GEOGRAPHIC (NAD83): LATITUDE: 40.012645° LONGITUDE: -80.614853°	GEOGRAPHIC (NAD83): LATITUDE: 40.004566° LONGITUDE: -80.612695°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,531,571.110 EASTING: 1,748,257.670	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,525,631.970 EASTING: 1,748,674.670
UTM (NAD283 ZONE 17, METERS): NORTHING: 4,428,231.733 EASTING: 532,870.004	UTM (NAD283 ZONE 17, METERS): NORTHING: 4,428,335.881 EASTING: 533,058.066
TURNING POINT LOCATION-1 (TPL1):	AZIMUTH POINT LOCATION-5 (AZL5):
GEOGRAPHIC (NAD83): LATITUDE: 40.013664° LONGITUDE: -80.617911°	GEOGRAPHIC (NAD83): LATITUDE: 40.001179° LONGITUDE: -80.610623°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,531,916.750 EASTING: 1,747,400.050	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,527,401.020 EASTING: 1,749,460.240
UTM (NAD283 ZONE 17, METERS): NORTHING: 4,429,337.084 EASTING: 532,608.600	UTM (NAD283 ZONE 17, METERS): NORTHING: 4,427,960.667 EASTING: 533,236.548
LANDING POINT LOCATION (LPL):	AZIMUTH POINT LOCATION-6 (AZL6):
GEOGRAPHIC (NAD83): LATITUDE: 40.011945° LONGITUDE: -80.617253°	GEOGRAPHIC (NAD83): LATITUDE: 40.001031° LONGITUDE: -80.610530°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,531,312.520 EASTING: 1,747,586.700	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,527,347.250 EASTING: 1,749,486.500
UTM (NAD283 ZONE 17, METERS): NORTHING: 4,429,152.914 EASTING: 532,665.491	UTM (NAD283 ZONE 17, METERS): NORTHING: 4,427,644.298 EASTING: 533,244.552
AZIMUTH POINT LOCATION-1 (AZL1):	AZIMUTH POINT LOCATION-7 (AZL7):
GEOGRAPHIC (NAD83): LATITUDE: 40.010232° LONGITUDE: -80.616175°	GEOGRAPHIC (NAD83): LATITUDE: 39.992450° LONGITUDE: -80.605000°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,530,690.710 EASTING: 1,747,891.380	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,524,229.230 EASTING: 1,751,049.130
UTM (NAD283 ZONE 17, METERS): NORTHING: 4,428,963.366 EASTING: 532,758.358	UTM (NAD283 ZONE 17, METERS): NORTHING: 4,426,933.923 EASTING: 533,720.842
AZIMUTH POINT LOCATION-2 (AZL2):	AZIMUTH POINT LOCATION-8 (AZL8):
GEOGRAPHIC (NAD83): LATITUDE: 40.010153° LONGITUDE: -80.616126°	GEOGRAPHIC (NAD83): LATITUDE: 39.992137° LONGITUDE: -80.604899°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,530,662.000 EASTING: 1,747,905.270	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,524,115.430 EASTING: 1,751,163.070
UTM (NAD283 ZONE 17, METERS): NORTHING: 4,428,954.636 EASTING: 532,762.592	UTM (NAD283 ZONE 17, METERS): NORTHING: 4,426,956.237 EASTING: 533,737.283
AZIMUTH POINT LOCATION-3 (AZL3):	BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.004587° LONGITUDE: -80.612708°	GEOGRAPHIC (NAD83): LATITUDE: 39.976650° LONGITUDE: -80.595909°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,528,639.350 EASTING: 1,748,871.150	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,518,487.410 EASTING: 1,753,621.300
UTM (NAD283 ZONE 17, METERS): NORTHING: 4,428,338.131 EASTING: 533,058.993	UTM (NAD283 ZONE 17, METERS): NORTHING: 4,425,243.813 EASTING: 534,504.841

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD27): LATITUDE: 40.012571° LONGITUDE: -80.615055°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 553,868.325 EASTING: 1,687,671.340
TURNING POINT LOCATION-1 (TP1):
GEOGRAPHIC (NAD27): LATITUDE: 40.013530° LONGITUDE: -80.618112°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 553,220.400 EASTING: 1,686,819.350
LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD27): LATITUDE: 40.011869° LONGITUDE: -80.617455°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 552,612.919 EASTING: 1,686,995.921
AZIMUTH POINT LOCATION-1 (AZL1):
GEOGRAPHIC (NAD27): LATITUDE: 40.010158° LONGITUDE: -80.616377°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 551,985.877 EASTING: 1,687,250.250
AZIMUTH POINT LOCATION-2 (AZL2):
GEOGRAPHIC (NAD27): LATITUDE: 40.010079° LONGITUDE: -80.616327°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 551,956.129 EASTING: 1,687,303.662
AZIMUTH POINT LOCATION-3 (AZL3):
GEOGRAPHIC (NAD27): LATITUDE: 40.004513° LONGITUDE: -80.612810°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 549,917.666 EASTING: 1,688,235.666
AZIMUTH POINT LOCATION-4 (AZL4):
GEOGRAPHIC (NAD27): LATITUDE: 40.004492° LONGITUDE: -80.612897°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 549,910.245 EASTING: 1,688,239.263
AZIMUTH POINT LOCATION-5 (AZL5):
GEOGRAPHIC (NAD27): LATITUDE: 40.001105° LONGITUDE: -80.610825°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 548,659.236 EASTING: 1,688,804.338
AZIMUTH POINT LOCATION-6 (AZL6):
GEOGRAPHIC (NAD27): LATITUDE: 40.000957° LONGITUDE: -80.610733°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 548,615.615 EASTING: 1,688,829.763
AZIMUTH POINT LOCATION-7 (AZL7):
GEOGRAPHIC (NAD27): LATITUDE: 39.992375° LONGITUDE: -80.605202°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 545,470.157 EASTING: 1,690,340.479
AZIMUTH POINT LOCATION-8 (AZL8):
GEOGRAPHIC (NAD27): LATITUDE: 39.992062° LONGITUDE: -80.605011°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 545,355.430 EASTING: 1,690,392.527
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD27): LATITUDE: 39.976675° LONGITUDE: -80.596112°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 539,654.632 EASTING: 1,692,817.119



COMPANY:			
OPERATOR'S		MICHAEL SOUTHWORTH MSH	
WELL #:		6H	
DISTRICT:	COUNTY:	STATE:	
SANDHILL	MARSHALL	WV	
EXPAND OPERATING LLC SURFACE HOLES			
3. "MICHAEL SOUTHWORTH MSH 3H"			
6. "MICHAEL SOUTHWORTH MSH 6H"			
8. "MICHAEL SOUTHWORTH MSH 8H"			
10. "MICHAEL SOUTHWORTH MSH 10H"			
206. "MICHAEL SOUTHWORTH MSH 206H"			
210. "MICHAEL SOUTHWORTH MSH 210H"			
410. "MICHAEL SOUTHWORTH MSH 410H"			
REVISIONS:	DATE: 05-15-2025		
DRAWN BY: N. MANO			
SCALE: 1" = 2000'			
DRAWING NO.:			
INTERNAL WELL PLAT:			

03/20/2026