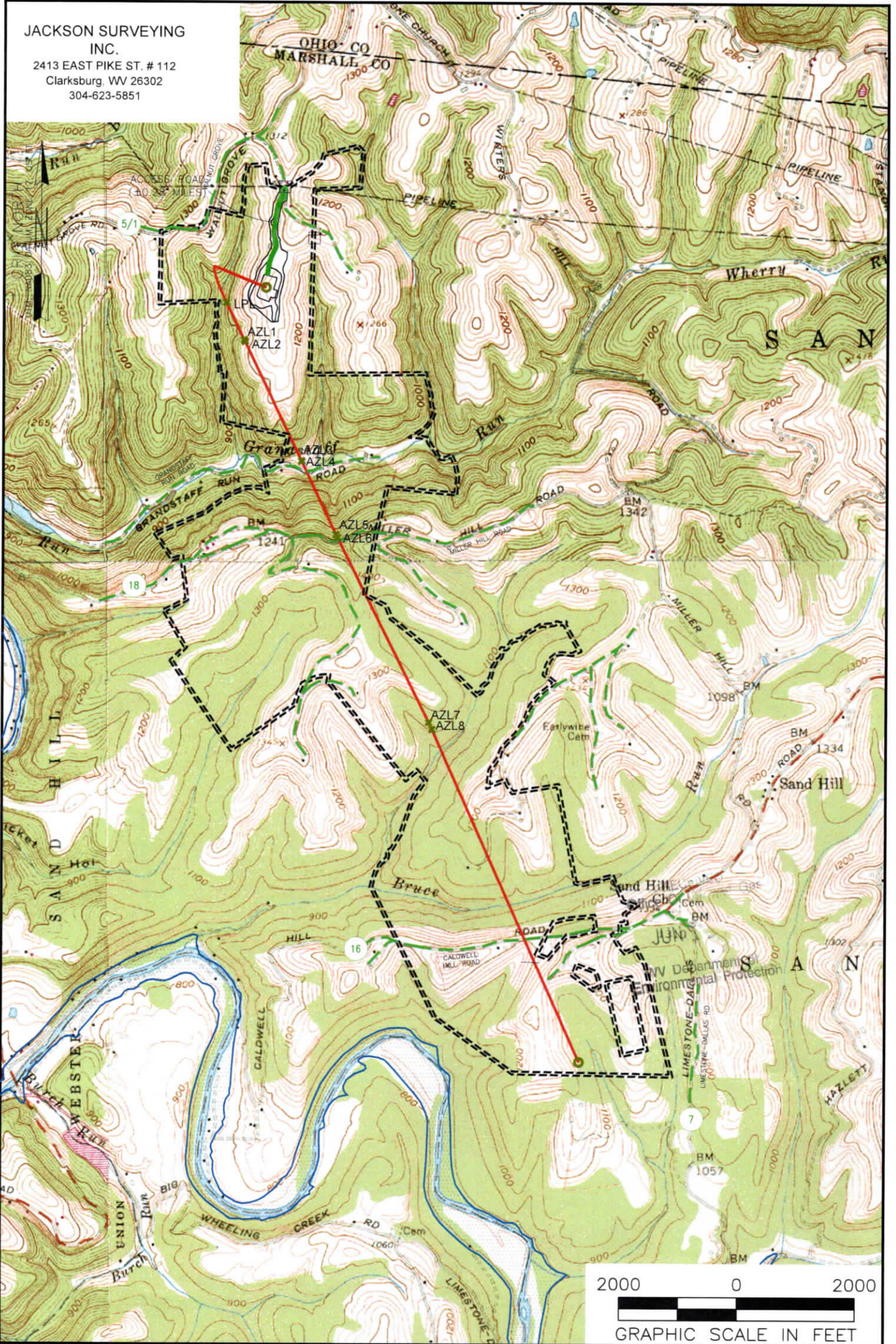


JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851



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
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- = LEASE BOUNDARY
- PROPOSED PATH
- ☼ EXISTING / PRODUCING WELLHEAD
- ✕ LANDING POINT LOCATION
- FLOOD PLAN

08/02/2024

WELL OPERATOR: SWN PRODUCTION COMPANY, 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 WILEYVILLE, WV		

Latitude: 40°02'30"

SURFACE HOLE 8,825'

Latitude: 40°00'00" BOTTOM HOLE

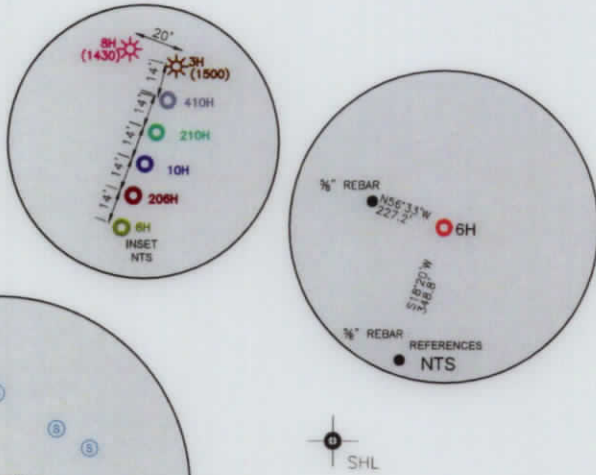
3,523'

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

Table with 3 rows: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), BOTTOM HOLE LOCATION (BHL). Each row contains UTM (NAD83, ZONE 17, METERS) coordinates for Northing and Easting.

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

Table with 2 sections: LINE BEARING DISTANCE DESCRIPTION MONUMENT and LINE BEARING DISTANCE CURVE LENGTH DESCRIPTION. Contains survey data for lines L1 through L8 and L3.



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.

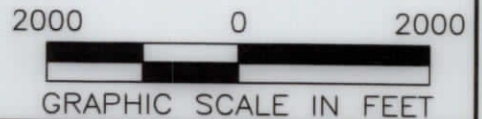
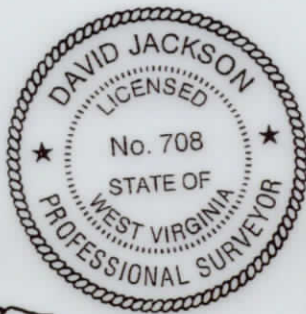
NOTES ON SURVEY

- 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



COMPANY: SWN Production Company, LLC SWN Production Company™

(+) 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)

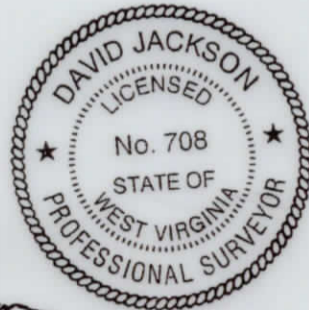
MICHAEL SOUTHWORTH MSH OPERATOR'S WELL #: 6H API WELL #: 47 051 02514 STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION X DEEP GAS X LIQUID INJECTION STORAGE SHALLOW X WATERSHED: GRANDSTAFF RUN OF WHEELING CREEK (HUC-10) DISTRICT: SANDHILL COUNTY: MARSHALL SURFACE OWNER: BARRY A. & KIMBERLY S. LITMAN OIL & GAS ROYALTY OWNER: BARRY A. & KIMBERLY S. LITMAN 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) 08/02/2024 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,544 TVD 21,030 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

Table with 2 columns: LEGEND (PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, LPL, EXISTING WATER WELL, EXISTING SPRING, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, PROPOSED PATH) and REVISIONS (DATE: 04-05-2024, DRAWN BY: N. MANO, SCALE: 1" = 2000', DRAWING NO., WELL LOCATION PLAT)

JACKSON SURVEYING
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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*

47-051-02514 08/02/2024

REVISIONS:	COMPANY:		
	OPERATOR'S	MICHAEL SOUTHWORTH MSH	
	WELL #:	6H	
	DISTRICT:	COUNTY:	STATE:
	SANDHILL	MARSHALL	WV
			DATE: 04-05-2024
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
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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 MICHELLE 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 CAITUN 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 SON DRA 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

*Highlighted Parcels may be impacted during drilling.

08/02/2024

47-051-02514

REVISIONS:	COMPANY:	 	
	OPERATOR'S	MICHAEL SOUTHWORTH MSH	DATE: 04-05-2024
	WELL #:	6H	DRAWN BY: N. MANO
	DISTRICT:	SANDHILL	SCALE: N/A
	COUNTY:	MARSHALL	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 3