










OWNERNAME	OWNERSTREE	OWNERSTRE2	LEGALDESC	short_PID
GREGORY JOHN W ET UX	800 WALNUT GROVE RD	WHEELING, WV 26003	3.238 WHEELING CREEK & O&G	12-2-9.1

The intent of this map is for general reference only. Information on this map was created using the best available data at the time but is not guaranteed accurate.

<h1>Water Purveyor Map</h1>  <p>Created By: seams Date Exported: 10/25/2024 9:42 AM Spatial Reference NAD83 1983 BLM Data 117N RUS</p>	<p>Water Sources</p> <p>Type</p> <ul style="list-style-type: none"> <li> Spring</li> <li> Water Well</li> <li> Pond</li> <li> 1500 ft. Buffer</li> </ul>	<p><b>WELL PAD:</b> <b>Michael Southworth MSH</b></p>	<p><b>COUNTY:</b> <b>MARSHALL</b></p>
		 <p>Scale: 1:6,033</p> <p>10/18/2024</p> <p>Feet</p>	

Latitude: 40°02'30"

SURFACE HOLE 8,811'

Latitude: 40°00'00"

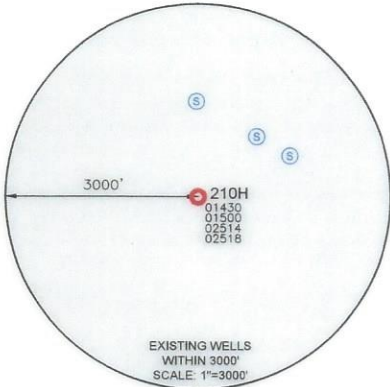
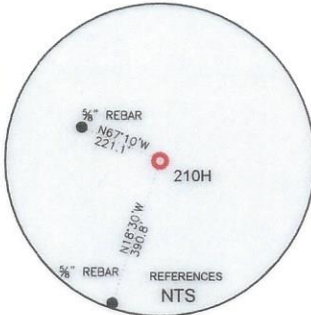
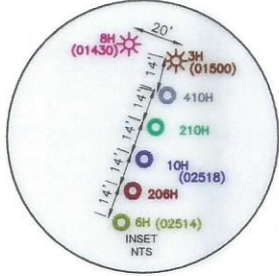
BOTTOM HOLE 2,805'

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

Table with 3 sections: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), and BOTTOM HOLE LOCATION (BHL). Each section lists UTM coordinates (NAD83, Zone 17, Meters) for Northing and Easting.

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. It lists survey points L1 through L10 and their connections to landmarks and azimuths.

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



Vertical dimension lines on the right side of the page: BOTTOM HOLE 5,065', SURFACE HOLE 10,533', Longitude: 80°35'00", and another Longitude: 80°35'00" label.

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.

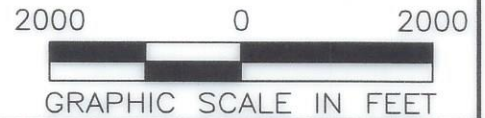
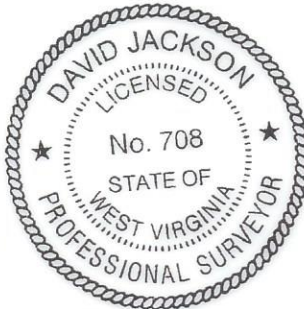
NOTES ON SURVEY

- 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

Signature of David L Jackson



COMPANY: SWN Production Company, LLC

(+) 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)

MICHAEL SOUTHWORTH MSH OPERATOR'S WELL #: 210H
API WELL #: 47 STATE 051 COUNTY 02522 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: 1271.0'
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) 10/18/2024
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,537 TVD 19,581 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, 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 3 columns: LEGEND (symbols for well types, boundaries, etc.), REVISIONS, and DATE (09-06-2024). Includes fields for DRAWN BY, SCALE, and DRAWING NO.

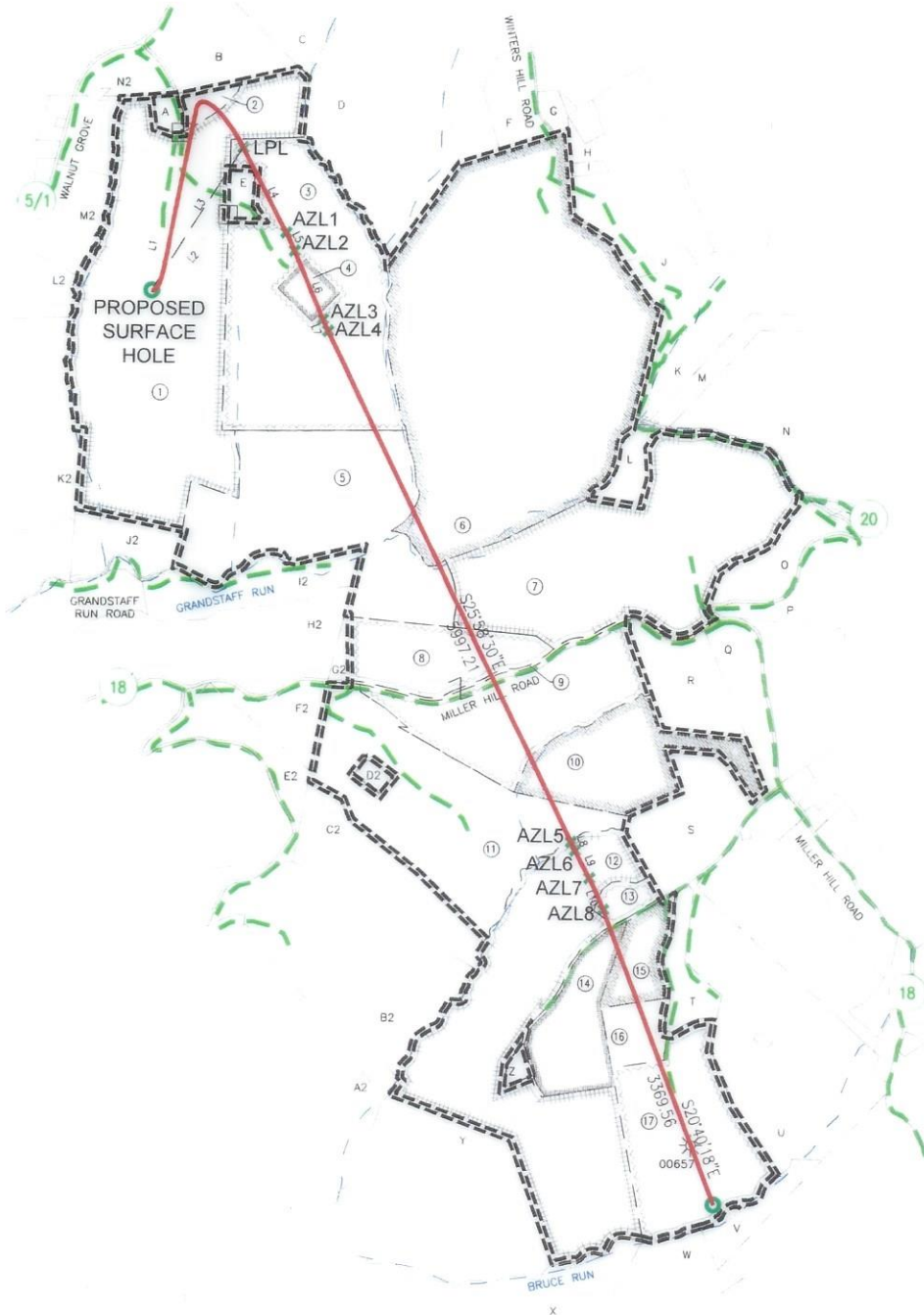
JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112

Clarksburg, WV 26302

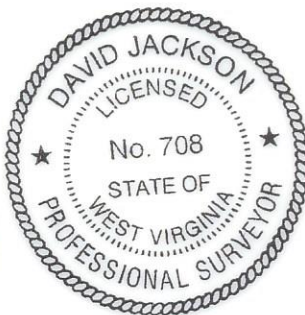
304-623-5851





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P.S. 708

*David L Jackson*



470510210/18/2024

REVISIONS:	COMPANY:		 	
	OPERATOR'S		MICHAEL SOUTHWORTH MSH	
	WELL #:		210H	
	DISTRICT:	COUNTY:	STATE:	DATE: 09-06-2024
	SANDHILL	MARSHALL	WV	DRAWN BY: N. MANO
			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	RADCLIFFE JOHN D & ANNA M	12-2-10.1
B	VELLENOWETH SCOTT U ET UX	12-2-1.1
C	BLATT THERESA L	12-2-23
D	BAIRD FAMILY TRUST	12-2-2
E	GREGORY JOHN W ET UX	12-2-9.1
F	MCFARLAND DANIEL W & VICKI L	12-2-24
G	MCFARLAND DANIEL W JR	12-2-4.1
H	HUNTER RODNEY J	12-3-14
I	HUNTER MARILYN DARLENE	12-3-14.2
J	MCFARLAND BRIAN MATTHEW	12-3-12.1
K	GANTZER GREGORY	12-3-12
L	PARKER PETER	12-2-6
M	GANTZER GREGORY	12-3-11.1
N	MCVICKER R G JR	12-3-11
O	TOTH JOHN J SR & ALICE J REVOCABLE TRUST	12-8-11
P	TOTH JOHN J SR & ALICE J REVOCABLE TRUST	12-8-12
Q	GODDARD THERESA M	12-8-9
R	GODDARD THERESA M	12-8-8
S	SCHULTZ CHARLES E & CLAUDIA M - TOD	12-8-6
T	ALAMINSKI LUCINDA RUTH	12-8-31.3
U	GRAY ZANDE C	12-8-30
V	STORCH JOSEPH WILLIAM ET UX	12-11-7
W	GRAY DONALD G - TOD & GRAY WYATT MATTHEW	12-11-8
X	TEMPLE TERRY L & BEVERLY J - TOD	12-11-4
Y	TOLAND SONDRRA J & WILLIAM E	12-9-17
Z	TOLAND DAVID ET UX	12-8-33.2
A2	MERINAR CALVIN C - LIFE	12-9-18
B2	MERINAR CALVIN C - LIFE	12-9-16
C2	MERINAR CALVIN C - LIFE	12-8-34
D2	RICHEY DUSTIN & FELICIA FRANCIS	12-8-35.1
E2	MERINAR JAMES MARTIN ET UX	12-9-15.1
F2	MERINAR CALVIN C - LIFE	12-9-15
G2	TOTH JOHN J SR & ALICE - TRUST	12-8-4.1
H2	PORTER CARLA S	12-9-13
I2	G F P CORP	12-2-7
J2	G F P CORP	12-2-12
K2	WV BRIGHTMONT LLC	12-2-14
L2	EDGE WILLIAM F JR - TOD ET AL	12-2-15
M2	EDGE WILLIAM F JR - TOD ET AL	12-2-16
N2	LITMAN JAMES M & LUCY A	12-2-16.1

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	LITMAN BARRY A & KIMBERLY S (S)	12-2-10
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	LITMAN BARRY A (S)	12-2-10.2
3	REINEKE RICHARD S (S)	12-2-9
4	REINEKE RICHARD S (S)	12-2-9.2
5	TDL&G LLC (S)	12-2-8
6	TUBAUGH NORMA HUNTER ET AL (S)	12-2-5
7	TOTH JOHN J SR & ALICE J REVOCABLE TRUST (S)	12-8-1
8	TOTH JOHN J SR & ALICE - TRUST (S)	12-8-4
9	W VA DEPT OF HIGHWAYS (S)	MILLER HILL RD
10	CORNELL SALLY SEIBERT & ROBERT (S)	12-8-5
11	RICHEY RANDY ET UX (S)	12-8-35
12	TOLAND WILLIAM EUGENE ET AL (S)	12-8-33
13	TOLAND CARRIE M (S)	12-8-33.1
14	TOLAND MARGARET (S)	12-8-32
15	JOHNSON LONI M & JAMES A (S)	12-8-31.1
16	WINTERS BEVERLY DIANE (S)	12-8-31.2
17	WINTERS BEVERLY DIANE (S)	12-11-6

\*Highlighted Parcels may be impacted during drilling.

4705102500 10/18/2024

REVISIONS:	COMPANY:	 	
	OPERATOR'S	MICHAEL SOUTHWORTH MSH	DATE: 09-06-2024
	WELL #:	210H	DRAWN BY: N. MANO
	DISTRICT:	SANDHILL	SCALE: N/A
	COUNTY:	MARSHALL	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 3