

4705102523



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.

<h2>Water Purveyor Map</h2> <p>Created By: Skans Date Expired: 3/31/2024 9:42 AM Spatial Reference: Name: NAD 1983 BLM Zone 17N RUS</p>	<p>Water Sources</p> <p>Type</p> <ul style="list-style-type: none"> Spring Water Well Pond 1500 ft. Buffer 	<p>WELL PAD: Michael Southworth MSH</p>	<p>COUNTY: MARSHALL</p>
		<p>Scale: 1:6,033</p> <p>10/18/2024</p>	<p>↑</p>

Latitude: 40°02'30"

SURFACE HOLE 8,806'

Latitude: 40°00'00" BOTTOM HOLE 2374'

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 (NAD83, ZONE 17, METERS): NORTHING: 4,429,247.784 EASTING: 532,875.792

LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,375.648 EASTING: 534,065.014

BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,604.595 EASTING: 534,849.037

Table with columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains data for lines L1, L2, L3, and L4.

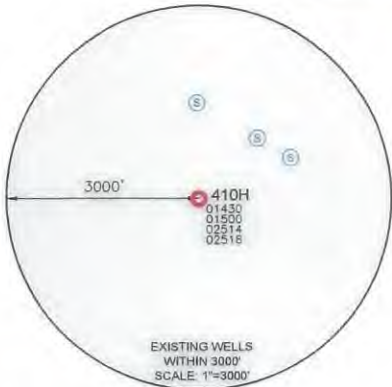
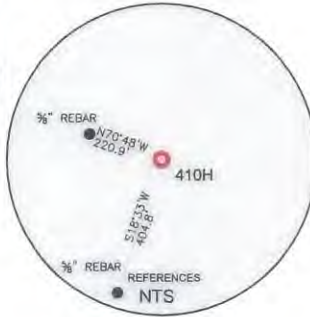
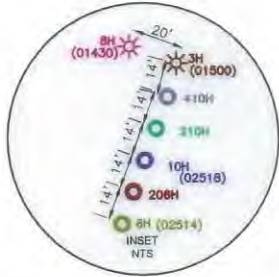


BOTTOM HOLE 4,045'

SURFACE HOLE 10,520'

Longitude: 80°35'00"

Longitude: 80°35'00"



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.

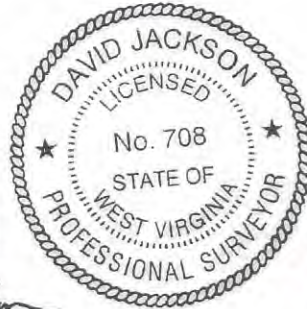
NOTES ON SURVEY

- 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



2000 0 2000

GRAPHIC SCALE IN FEET

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 GRADE GPS ELEVATION: (NAVD 88, US FT)

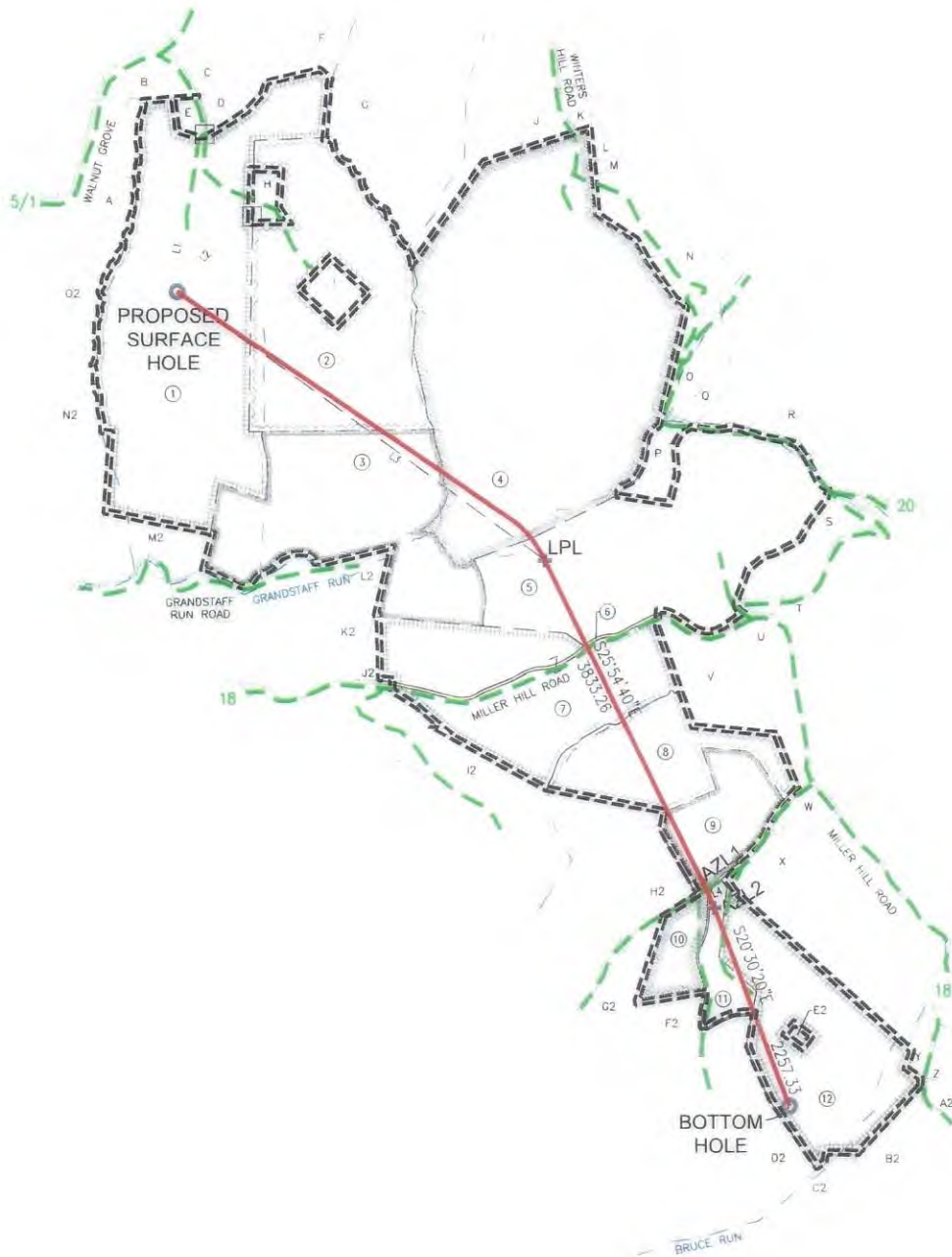
MICHAEL SOUTHWORTH MSH OPERATOR'S WELL #: 410H API WELL #: 47 STATE 051 COUNTY 02523 PERMIT

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) 10/18/2024 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,539 TVD 14,763 TMD

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

Table with columns: LEGEND, REVISIONS, DATE. Includes symbols for proposed surface hole, existing wellhead, landing point, existing water well, existing spring, surveyed boundary, drilling unit, lease boundary, and proposed path.

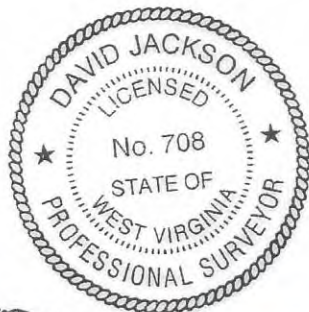
JACKSON SURVEYING
 INC.
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P.S. 708

David L Jackson



47051010/18/2024

REVISIONS:	COMPANY:			DATE: 09-06-2024
	OPERATOR'S			
	WELL #:		410H	DRAWN BY: N. MANO
	DISTRICT:		SANDHILL	SCALE: N/A
	COUNTY:		MARSHALL	DRAWING NO:
STATE:		WV	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	EDGE WILLIAM F JR - TOD ET AL	12-2-16
B	LITMAN JAMES M & LUCY A	12-2-16.1
C	VELLENOWETH SCOTT U ET UX	12-2-1.1
D	LITMAN BARRY A	12-2-10.2
E	RADCLIFFE JOHN D & ANNA M	12-2-10.1
F	BLATT THERESA L	12-2-23
G	BAIRD FAMILY TRUST	12-2-2
H	GREGORY JOHN W ET UX	12-2-9.1
I	REINEKE RICHARD S	12-2-9.2
J	MCFARLAND DANIEL W & VICKI L	12-2-24
K	MCFARLAND DANIEL W JR	12-2-4.1
L	HUNTER RODNEY J	12-3-14
M	HUNTER MARILYN DARLENE	12-3-14.2
N	MCFARLAND BRIAN MATTHEW	12-3-12.1
O	GANTZER GREGORY	12-3-12
P	PARKER PETER	12-2-6
Q	GANTZER GREGORY	12-3-11.1
R	MCVICKER R G JR	12-3-11
S	TOTH JOHN J SR & ALICE J REVOCABLE TRUST	12-8-11
T	TOTH JOHN J SR & ALICE J REVOCABLE TRUST	12-8-12
U	GODDARD THERESA M	12-8-9
V	GODDARD THERESA M	12-8-8
W	SCHULTZ CHARLES E & CLAUDIA M - TOD	12-8-29.1
X	SCHULTZ CHARLES E & CLAUDIA M - TOD	12-8-29
Y	FONNER TRAVIS R & STACEY L	12-8-26
Z	STORCH LOIS M	12-8-25
A2	WILSON TERRY WAYNE	12-8-24
B2	STORCH JOSEPH WILLIAM ET UX	12-11-12
C2	STORCH JOSEPH WILLIAM ET UX	12-11-7
D2	WINTERS BEVERLY DIANE	12-11-6
E2	KENT PERRY L	12-8-30.1
F2	WINTERS BEVERLY DIANE	12-8-31.2
G2	TOLAND MARGARET	12-8-32
H2	TOLAND CARRIE M	12-8-33.1
I2	RICHEY RANDY ET UX	12-8-35
J2	TOTH JOHN J SR & ALICE - TRUST	12-8-4.1
K2	PORTER CARLA S	12-9-13
L2	G F P CORP	12-2-7
M2	G F P CORP	12-2-12
N2	WV BRIGHTMONT LLC	12-2-14
O2	EDGE WILLIAM F JR - TOD ET AL	12-2-15

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	TDL&G LLC (S)	12-2-8
4	TUBAUGH NORMA HUNTER ET AL (S)	12-2-5
5	TOTH JOHN J SR & ALICE J REVOCABLE TRUST (S)	12-8-1
6	W VA DEPT OF HIGHWAYS (S)	Miller Hill Rd
7	TOTH JOHN J SR & ALICE - TRUST (S)	12-8-4
8	CORNELL SALLY SEIBERT & ROBERT (S)	12-8-5
9	SCHULTZ CHARLES E & CLAUDIA M - TOD (S)	12-8-6
10	JOHNSON LONI M & JAMES A (S)	12-8-31.1
11	ALAMINSKI LUCINDA RUTH (S)	12-8-31.3
12	GRAY ZANDE C (S)	12-8-30

*Highlighted Parcels may be impacted during drilling.

4705106293 10/18/2024

REVISIONS:	COMPANY:		 	
	OPERATOR'S	MICHAEL SOUTHWORTH MSH		DATE: 09-06-2024
	WELL #:	410H		DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	SANDHILL	MARSHALL	WV	DRAWING NO:
				WELL LOCATION PLAT 3