

Latitude: 39°45'00" SURFACE HOLE 1,169'

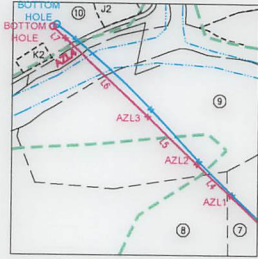
JACKSON SURVEYING INC.

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

Latitude: 39°47'30"

BOTTOM HOLE 3,888'

DETAIL "A"



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 12°48'46" E	3348.41'	SHL TO LANDMARK	30" POPLAR FOUND
L2	S 11°55'34" E	561.01'	SHL TO LANDMARK	LARGE POST FOUND
L5	N 46°40'28" W	283.83'	AZL2 TO AZL3	
L7	N 47°47'11" W	71.64'	AZL4 TO BHL	

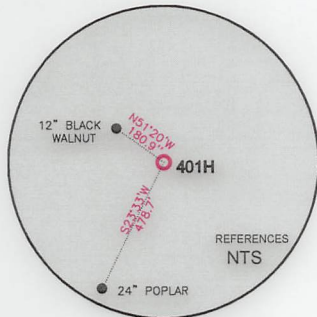
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 42°18'59" E	1865.38'	3,226.34'	SHL TO LP
L4	N 47°11'55" W	189.86'	189.87'	AZL1 TO AZL2
L6	N 46°58'25" W	475.73'	475.74'	AZL3 TO AZL4

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,396,555.025 EASTING: 538,927.278
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,396,134.602 EASTING: 539,310.053
AZIMUTH POINT LOCATION-1 (AZL1):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,342.697 EASTING: 534,735.880
AZIMUTH POINT LOCATION-2 (AZL2):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,382.016 EASTING: 534,693.421
AZIMUTH POINT LOCATION-3 (AZL3):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,441.376 EASTING: 534,630.486
AZIMUTH POINT LOCATION-4 (AZL4):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,540.318 EASTING: 534,524.482
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,555.262 EASTING: 534,508.437



Longitude: 80°35'00"
Longitude: 80°32'30"

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



WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- 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

- 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.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- 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

VERNON JOHNSON WTZ		
OPERATOR'S WELL #:	401H	
API WELL #:	47	103 03520
	STATE	COUNTY PERMIT

(+) 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)

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

WATERSHED: WEST VIRGINIA FORK FISH CREEK (HUC-10) ELEVATION: 1,431.6'

DISTRICT: CLAY COUNTY: WETZEL QUADRANGLE: LITTLETON, WV

SURFACE OWNER: VERNON S. JOHNSON ESTATE ACREAGE: ±132.00

OIL & GAS ROYALTY OWNER: AMP FUND III; LP: ALICE M. ABEREGG; ELLEN ABEREGG; JAMES J. ABEREGG; KEITH ABEREGG; BRIAN F. BUTLER; RED STONE RESOURCES, LLC; JAMES STONEKING ACREAGE: ±132.00

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) MODIFICATION 12/08/2023

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,678' TVD 30,000' 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

LEGEND:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 04-14-2023
○ 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" = 4000'
⊙ EXISTING SPRING	AZL* AZIMUTH POINT LOCATION		DRAWING NO:
			WELL LOCATION PLAT

**JACKSON SURVEYING
INC.**



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UTM (NAD83, ZONE 17, METERS): NORTHING: 4,396,555.081 EASTING: 538,927.379
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,396,133.715 EASTING: 539,310.251
AZIMUTH POINT LOCATION-1 (AZL1):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,343.350 EASTING: 534,739.199
AZIMUTH POINT LOCATION-2 (AZL2):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,385.812 EASTING: 534,696.183
AZIMUTH POINT LOCATION-3 (AZL3):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,450.966 EASTING: 534,634.595
AZIMUTH POINT LOCATION-4 (AZL4):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,539.166 EASTING: 534,537.690
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,557.917 EASTING: 534,513.687

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	JOHNSON VERNON S EST (S)/ AMP FUND III; LP; ALICE M. ABEREGG; ELLEN ABEREGG; JAMES J. ABEREGG; KEITH ABEREGG, BRIAN F. BUTLER; RED STONE RESOURCES, LLC; JAMES STONEKING (R)	3-1-1
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	DRAHEIM HERBERT P ET AL (S)	3-1-6
3	MILLIKEN KEVIN R ETAL (S)	3-1-4
4	LONG LONNY DAVID & LINDA SUE (S)	1-3-2.1
5	JAMES J ABEREGG ET AL (S)	1-3-2
6	W VA WILDLIFE RESOURCES SECTION (S)	7-24-1
7	FROMHART BRAD ET UX - LIFE (S)	7-20-41
8	GRIBBEN M PEGGY REVOCABLE LIVING TRUST (S)	7-19-28
9	UNDERDONK ALAN (S)	7-16-25.1
10	CUMPSTON GAIL (S)	7-19-20

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MCGUFFIE ARCH	1-6-5
B	WILLIAMS JOHN EDWARD	1-3-9
C	WILLIAMS LONNIE L	1-3-7
D	SEIDLER EARL DALE & NETTIE	1-2-6.1
E	WILLIAMS KATHERINE E TRUST	1-3-1
F	WADE MICHAEL CLAY & MCCLELLAND LAWRENCE W - TOD ET AL	7-24-6
G	VELLEKOOP PETER B ET UX - TOD	7-27-13
H	VELLEKOOP PETER B ET UX - TOD	7-27-11
I	VELLEKOOP PETER B ET UX - TOD	7-27-10.1
J	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
K	VELLEKOOP PETER B ET UX - TOD	7-26-6.1
L	GEDEON DANIEL D ET UX	7-26-6
M	YOCUM JOSEPH LEE & MICHAEL D	7-26-9
N	CONSOLIDATED GAS SUPPLY CORP	7-26-8
O	BUZZARD COLIN R	7-26-3
P	HUNDRED RESOURCES INC	7-26-11
Q	BUTLER JOHN M & LISA A	7-26-11.1
R	HORNER DELORSE A	7-26-10
S	RIGGS JOHN E JR & DELANA	7-27-2
T	MORGAN JAMES E - LIFE	7-26-14
U	ROMACK VICTOR A	7-19-38
V	HORNER DELORSE A - LIFE	7-19-30
W	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-29
X	ZELIC NICK ET UX	7-19-27
Y	HORNER DELORSE A - LIFE	7-19-26
Z	CHURCH OF CHRIST TRUSTEES	7-19-25
A2	COLLINS BRIAN & PAMELA J	7-19-24
B2	COLLINS BRIAN & PAMELA J	7-19-23.1
C2	COLLINS BRIAN & PAMELA J	7-19-23.2
D2	DRUSCHEL JAMES F & JAMIE ANN ET AL	7-19-23
E2	CUMPSTON GEORGE R ET AL	7-16-24
F2	BUTLER JOHN MATTHEW	7-16-39
G2	BURGE JUDITH A & VIRGINIA L BAILEY	7-20-4
H2	CONNELLY CHAS E	7-20-5
I2	MARLING SUELLEN	7-20-3
J2	SHARPENBERG DALTON & DEREK (S)	7-19-21
K2	VUCELICK CHARLES EST	7-19-22
L2	FROMHART BRAD ET UX - LIFE	7-20-01
M2	BURGE JUDITH A & VIRGINIA L BAILEY ET AL	7-16-40
N2	BURGE JUDITH A & VIRGINIA L BAILEY ET AL	7-20-6
O2	GEHO ANNIE L EST	7-20-11
P2	BURLEY AMMON ET UX	7-20-12
Q2	BURLEY AMMON	7-20-18
R2	BURLEY AMMON A	7-20-24
S2	BURLEY AMON A	7-20-37
T2	GRESHAW JASON M & MARY L	7-25-2
U2	BROWN ANDREW C III	7-25-6
V2	HARRINGTON CLYDE F	7-25-7
W2	W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES	7-25-9
X2	CONAWAY THOMAS EARL JR & CAROLYN K STOWE	7-25-12
Y2	CONAWAY THOMAS E	7-23-1
Z2	PRENDERGAST MICHAEL J & SUELLEN LEMLEY	7-23-26
A3	PRENDERGAST MICHAEL J & SUE ELLEN	3-1-2
B3	WV MINERALS INC	3-1-3
C3	MCDIFFITT WILBERT(WEBB)H TRUST	3-1-35
D3	MILLIKEN KEVIN R ETAL	3-1-13
E3	MILLIKEN KEVIN R ETAL	3-1-12
F3	DRAHEIM HERBERT P ETAL	3-1-5
G3	DRAHEIM GARY WAYNE JR ETAL	3-1-10
H3	DRAHEIM GARY WAYNE JR ETAL	3-1-9
I3	CBC HOLDINGS LLC	3-1-8.1

12/08/2023

REVISIONS:	COMPANY:	 		
	OPERATOR'S	VERNON JOHNSON WTZ	API #:	DATE: 04-14-2023
	WELL #:	401H	047-103-03520	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	CLAY	WETZEL	WV	DRAWING NO:
				WELL LOCATION PLAT 2