

Latitude: 40°10'00"

SURFACE HOLE 6,711'

Latitude: 40°12'30"

BOTTOM HOLE 3,402'

JACKSON SURVEYING INC.

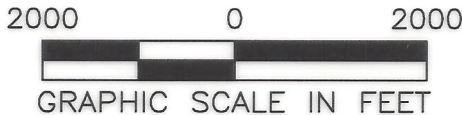
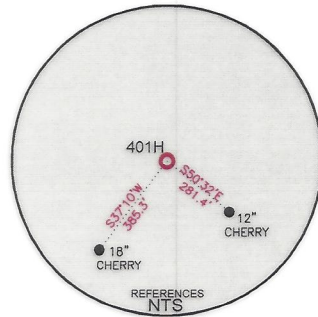
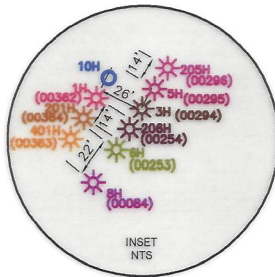
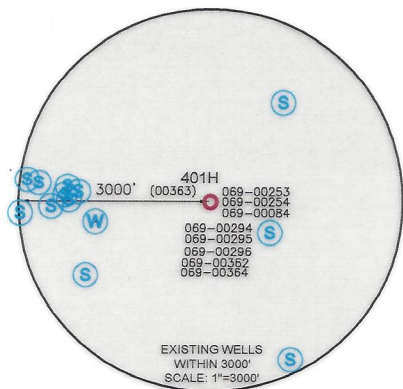
2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,685.057 EASTING: 540,540.341
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,415.372 EASTING: 539,895.990
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,449,478.924 EASTING: 537,975.499



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,685.002 EASTING: 540,540.349
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,421.712 EASTING: 539,896.570
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,449,480.798 EASTING: 537,975.165

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 44°27'09" E	1,950.52'	SHL TO LANDMARK	FENCE CORNER
L2	S 37°46'34" E	2,240.82'	SHL TO LANDMARK	CORNER POST
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 67°45'24" W	2,781.94'	2,876.84'	SHL TO LP
L4	N 28°47'05" W	385.88'	385.95'	AZL1 TO AZL2
L5	N 20°52'16" W	289.92'	289.94'	AZL3 TO AZL4



WELL RESTRICTIONS

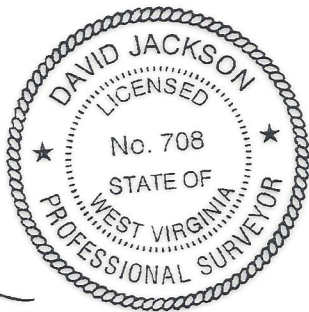
- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS 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 **SWN** Production Company™

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: SWN OPERATOR'S WELL #: 401H API WELL #: 47 069 00363 STATE COUNTY PERMIT
	WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	WATERSHED: CASTLEMAN RUN OF BUFFALO CREEK (HUC-10) DISTRICT: LIBERTY COUNTY: OHIO SURFACE OWNER: ROY & DEBRA R. RIGGLE OIL & GAS ROYALTY OWNER: ROY & DEBRA R. RIGGLE

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: 6,464' IVD 25,146' TMD

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

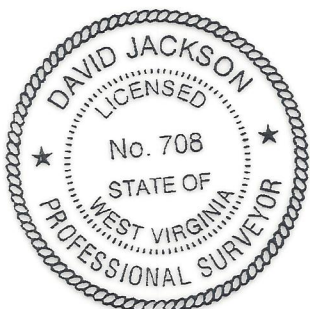
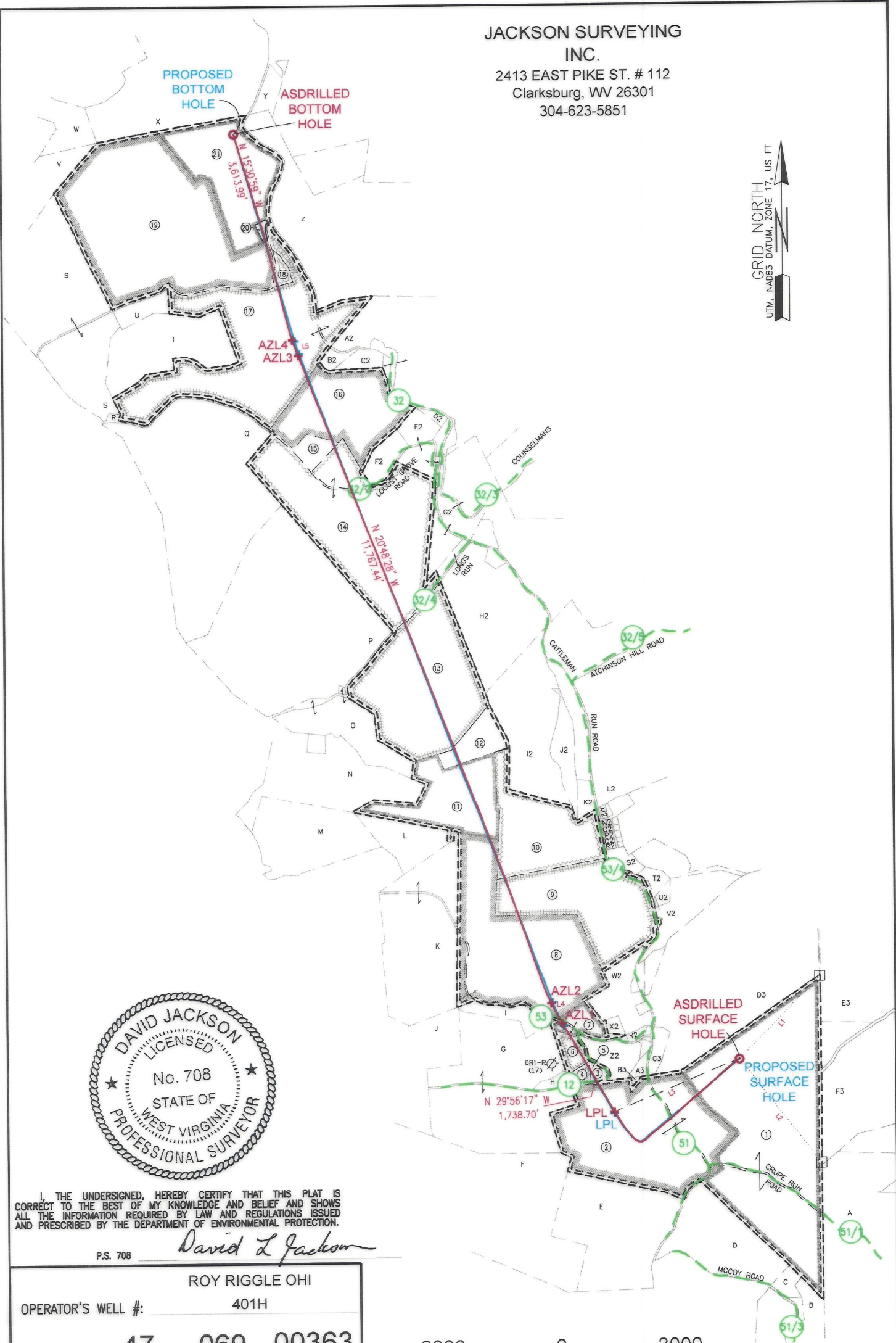
LEGEND:	<ul style="list-style-type: none"> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ★ EXISTING / PRODUCING WELLHEAD LPL ★ LANDING POINT LOCATION W EXISTING WATER WELL S EXISTING SPRING — SURVEYED BOUNDARY — DRILLING UNIT == LEASE BOUNDARY — ASDRILLED PATH — PROPOSED PATH 	REVISIONS: DATE: 01-10-2024 DRAWN BY: J COCKERHAM SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
----------------	--	--

Longitude: 80°30'00"
Longitude: 80°32'30"
Longitude: 80°30'00"
SURFACE HOLE 5,512'
BOTTOM HOLE 4,908'

JACKSON SURVEYING

INC.

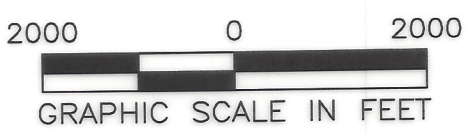
2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851



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*

OPERATOR'S WELL #:	ROY RIGGLE OHI		
API WELL #:	47	069	00363
	STATE	COUNTY	PERMIT



06/14/2024

COMPANY: **SWN** Production Company, LLC

LEGEND:	— SURVEYED BOUNDARY
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT
☼ EXISTING / PRODUCING WELLHEAD	== LEASE BOUNDARY
LPL ✕ LANDING POINT LOCATION	— ASDRILLED PATH
⊙ EXISTING WATER WELL	— PROPOSED PATH
⊙ EXISTING SPRING	

REVISIONS:	DATE: 01-10-2024
	DRAWN BY: J COCKERHAM
	SCALE: 1" = 2000'
	DRAWING NO:
	WELL LOCATION PLAT 2


**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV
26301304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RIGGLE DEBRA R & ROY (S)	3-L6-14
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	MORMANIS GREGORY N AND SHARON LEE (S)	3-L6-13
3	KELLY LYNN A (S)	3-L6-12
4	MONTGOMERY PATRICK J & MONTGOMERY BRENDA LEE (S)	3-L6-11.1
5	CONNER RONALD LEROY (S)	3-L6-11
6	GEAR LURA MARIE (S)	3-L6-9.1
7	ATKINSON GREGORY D; ET AL C/O JENNIFER TUCKER (S)	3-L6-10.2
8	ATKINSON GREGORY D; ET AL C/O JENNIFER TUCKER (S)	3-L6-10
9	STATE OF WV CONSERVATION COMM (S)	3-L3-1.1
10	STATE OF WV CONSERVATION COMM DIV OF NAT RES PUB LAND CORP (S)	3-L3-1
11	GRIMES MICHAEL J (S)	3-L2-10.1
12	GRIMES DONALD; ANTHONY HOUSTON (SURV) (S)	3-B48-39
13	WALDEN WILLIAM K & ANDREA (S)	3-B48-38
14	WALDEN WILLIAM K & FLORENCE ANDREA (SURV) (S)	3-B48-27
15	LYCANS AUDIE (S)	3-B48-26
16	CAMMARATA NICHOLAS J & JENNIFER C (SURV) (S)	3-B48-25
17	CHAMBERS CHARLOTTE A (S)	3-B48-24
18	AYERS ALBERT GLENN & REBECCA ANN (SURV) (S)	3-B43-61
19	JONES SAMUEL E & JUDITH F IRREVOCABLE TRUST (S)	3-B43-60
20	PUSKARICH TRACY T (S)	3-B43-59
21	FONNER MARY LOU (S)	3-B43-58

ADJOINING OWNERS TABLE			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
A	KEENER PRIMARY RES PROTECTOR TRUST JANET F KEENER TRUSTEE	230-15-5	C2	JONES CHARLES H	3-B48-31
B	WILHELM MICHAEL & JULIA E	3-L6-20	D2	TABLE ROCK REALTY LLC	3-B48-30
C	WILHELM JASON MICHAEL & CRYSTAL LOUISE	3-L6-20.6	E2	WOOD RICHARD A & MELANIE	3-B48-29
D	RODGERS LEWIS IRWIN	3-L6-16	F2	WOOD RICHARD A JR & MELANIE (VOYTEK) (SURV)	3-B48-28
E	RODGERS LEWIS I	3-L6-15	G2	MCNICHOLAS JOHN WALTER III	3-B48-36
F	TOMINACK JOHN I JR	3-L5-10	H2	WALDEN DANIEL E & MARY VIRGNIA	3-B48-37
G	KESTNER GARY & TERRY	3-L5-9	I2	WEST VIRGINIA STATE OF - DIVISION OF NATURAL RESOURCES	3-B49-15
H	COWAN CHERYL ANN	3-L6-21	J2	STATE ROAD OF WEST VIRGINIA	3-B49-14
I	ATKINSON GREGORY D; ET AL C/O JENNIFER TUCKER	3-L6-10.1	K2	STATE ROAD OF WEST VIRGINIA	3-B54-1
J	ENNIS MARJORIE G	3-L5-8	L2	RANCH SPORTSMANS CLUB INC	3-B49-12
K	FISH HARRY ALAN FISH R H & P C (RES'V LF EST)	3-L2-13	M2	UNDERWOOD JAMES	3-B54-2
L	FISH HARRY ALAN FISH R H & P C RES'V L/E	3-L2-13.1	N2	FORSHEY PAUL	3-B54-19
M	BREITINGER MICHAEL	3-L2-11	O2	FORSHEY PAUL	3-B54-18
N	OHARA MATTHEW JAMES; OHARA DEIRDRA (LIFE ESTATE)	3-L2-10.2	P2	COVEY CHRISTOPHER J	3-B54-17
O	GRIMES DONALD; ANTHONY HOUSTON (SURV)	3-B48-40	Q2	FORSHEY PAUL	3-B54-16
P	STONE MARION PYLE	3-B48-41	R2	FORSHEY PAUL	3-B54-15
Q	SONDA SCOTT & MARK	3-B48-20	S2	FREEMAN JOHN S & NENITA	3-L3-2.2
R	WINDSOR POWER HOUSE COAL CO	3-B48-21	T2	TUSTIN DANIEL P SR & VICKIE S	3-L3-2.3
S	NORDEN ANNA MAE (TOD) NORDEN - SMITH KATHERINE ETAL	3-B48-22	U2	TUSTIN DANIEL P SR & VICKIE S	3-L3-3.1
T	CHAMBERS HARRY L & BEVERLY R (SURV)	3-B48-24.1	V2	TUSTIN DANIEL P SR & VICKI L	3-L3-3
U	CHAMBERS CHARLOTTE A	3-B48-23	W2	PARRISH EDGAR	3-L6-2.2
V	CORWIN BRIAN DAVID	3-B43-22	X2	ATKINSON GREGORY D; ET AL C/O JENNIFER TUCKER	3-L6-10.3
W	BETHANY COLLEGE	3-B38-31	Y2	SCHLOSSER RONALD E JR	3-L6-6
X	PRESLIE ROWAN LLC	3-B43-33	Z2	GEAR ROBERT L & TAMMY Y	3-L6-9
Y	PRESLIE ROWAN LLC	3-B43-49.3	A3	STRAUSS JOYCE ANN	3-L6-8
Z	WV ST OF DEPT OF COMM DIV OF NAT RE WILDLIFE RES SEC	3-B43-62	B3	ELLIS JOYCE A	3-L6-13.1
A2	HOGAN ANDREW P	3-B48-34	C3	KNICELY AMANDA	3-L6-5
B2	SMITH KAREN K	3-B48-32	D3	RYAN TIMOTHY ALAN	3-L6-4
			E3	ROBERT E JONES TR	230-16-1
			F3	RIGGLE DEBRA R & ROY	230-16-3

06/14/2024

REVISIONS:	COMPANY:	 	
	OPERATOR'S	ROY RIGGLE OHI	DATE: 01-10-2024
	WELL #:	401H	DRAWN BY: J COCKERHAM
	DISTRICT:	LIBERTY	SCALE: N/A
	COUNTY:	OHIO	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 3

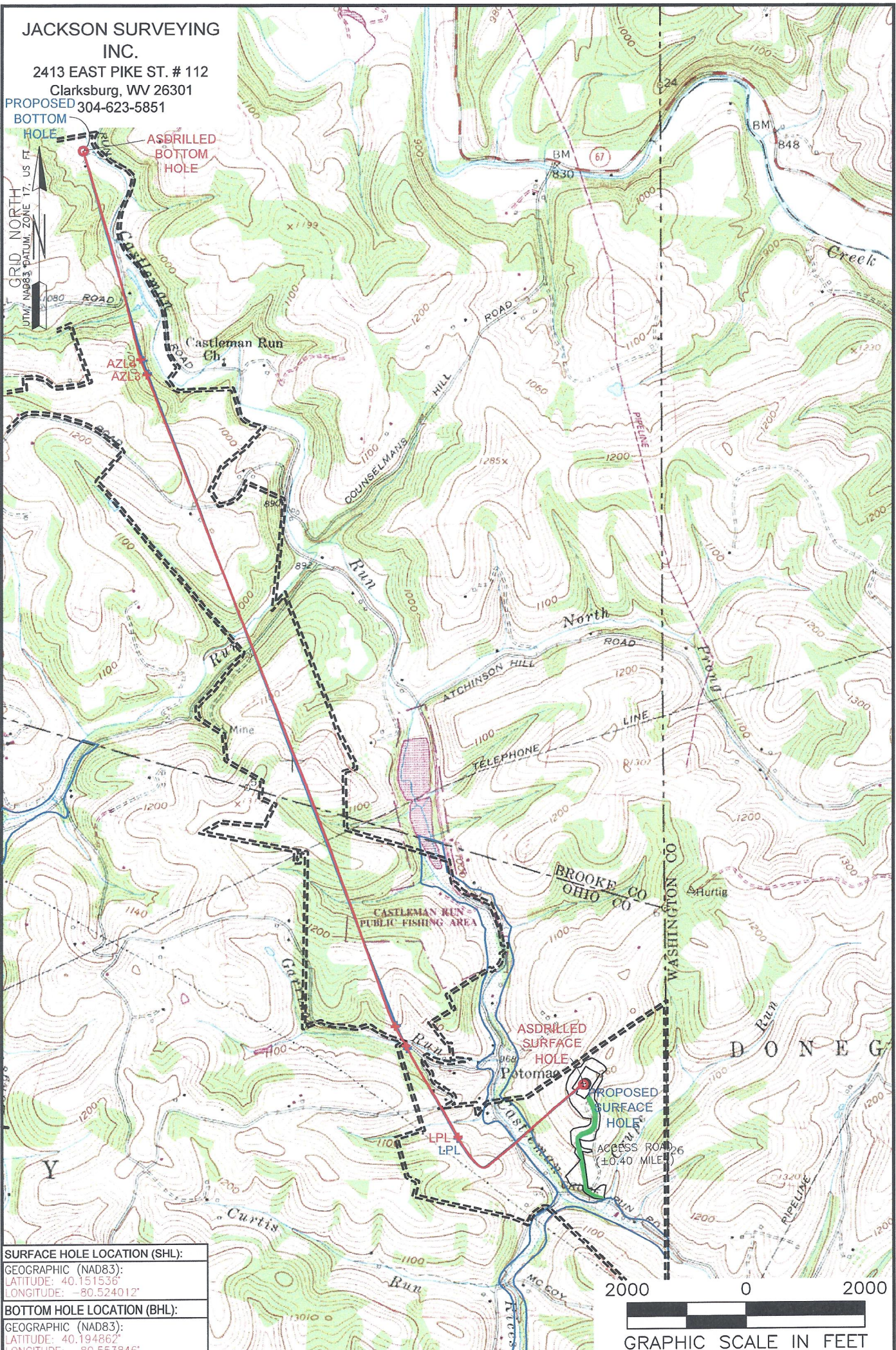
**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

PROPOSED
BOTTOM
HOLE

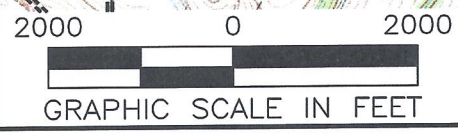
ASDRILLED
BOTTOM
HOLE

GRID NORTH
UTM NAD83 DATUM, ZONE 17, US FT



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.151536°
LONGITUDE: -80.524012°

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.194862°
LONGITUDE: -80.553846°



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		ACCESS ROAD
	EXISTING / PRODUCING WELLHEAD		PUBLIC ROAD
	LANDING POINT LOCATION		ACCESS ROAD
	FLOOD PLAIN		LEASE BOUNDARY
			PROPOSED PATH
			ASDRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: ROY RIGGLE OHI	WELL # 401H	SERIAL #
ADDRESS: 1300 FORT PIERPONT, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; LIBERTY	
SURFACE OWNER: ROY & DEBRA R. RIGGLE	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV-PA API # 47-069-00363		