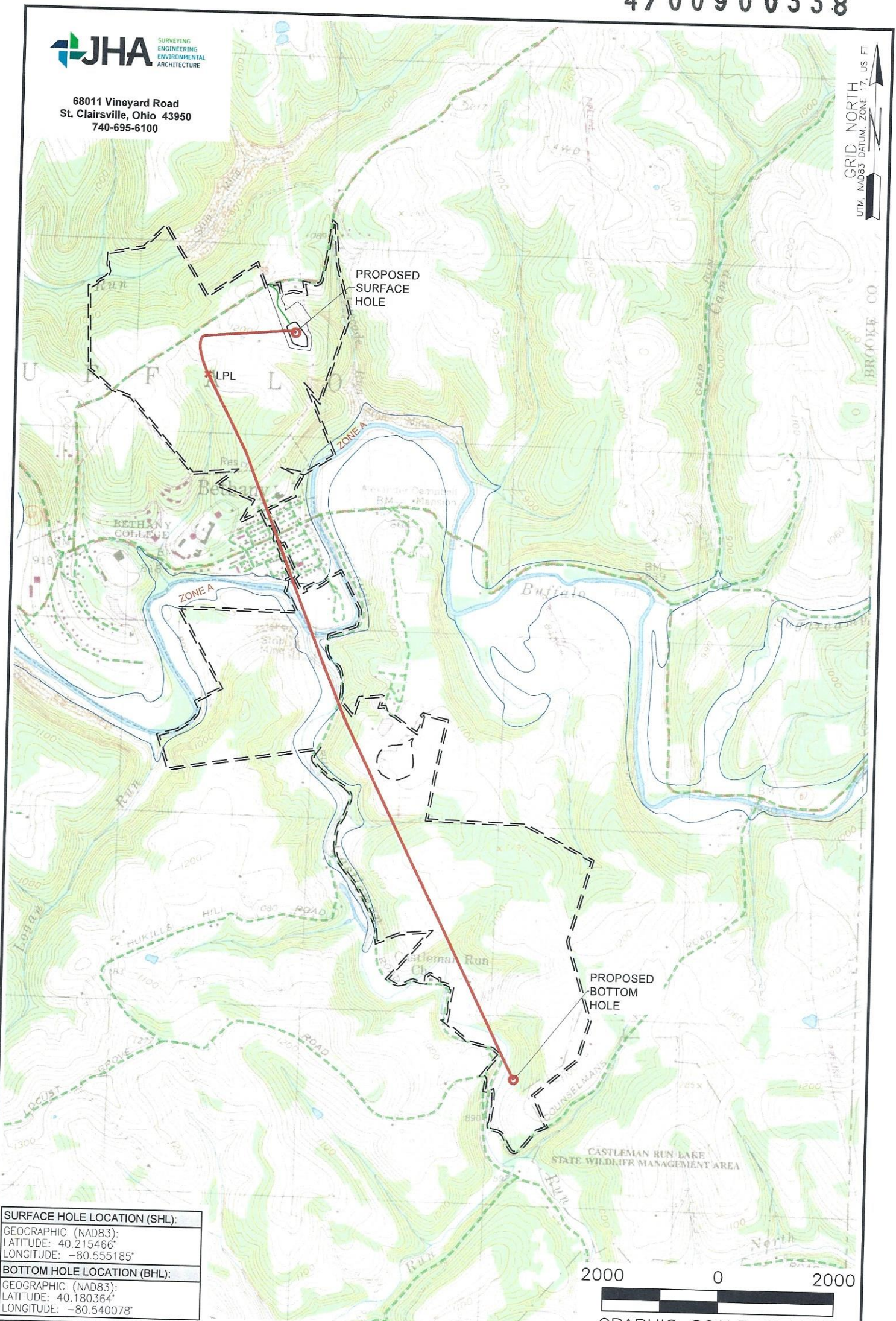




68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.215466°
LONGITUDE: -80.555185°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.180364°
LONGITUDE: -80.540078°

- 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.
 3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

	PROPOSED SURFACE HOLE / BOTTOM HOLE		NATURAL WATERWAY
	EXISTING / PRODUCING WELLHEAD		ACCESS ROAD
	LANDING POINT LOCATION		PUBLIC ROAD
	FLOOD PLAIN		ACCESS ROAD TO PREV. SITE
			LEASE BOUNDARY
			PROPOSED PATH



04/12/2024

WELL OPERATOR:	WELL (FARM) NAME:	WELL #	SERIAL #
SWN PRODUCTION COMPANY, LLC	WORTHLEY BRK	206H	XXXX
ADDRESS:	COUNTY:	CODE:	DISTRICT:
1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	BROOKE	009	BUFFALO
SURFACE OWNER:	USGS 7 1/2 QUADRANGLE MAP NAME:		
KIMBERLY CARMAN WORTHLEY	BETHANY, WV		

API #	47-009-XXXX
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LATITUDE: 40°15'00" SURFACE HOLE (2000' SCALE) 3,843'



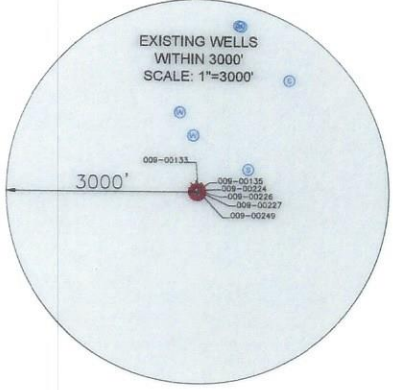
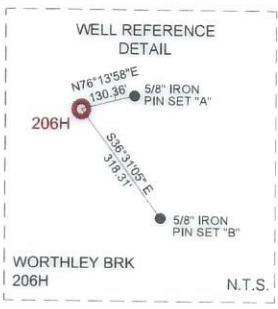
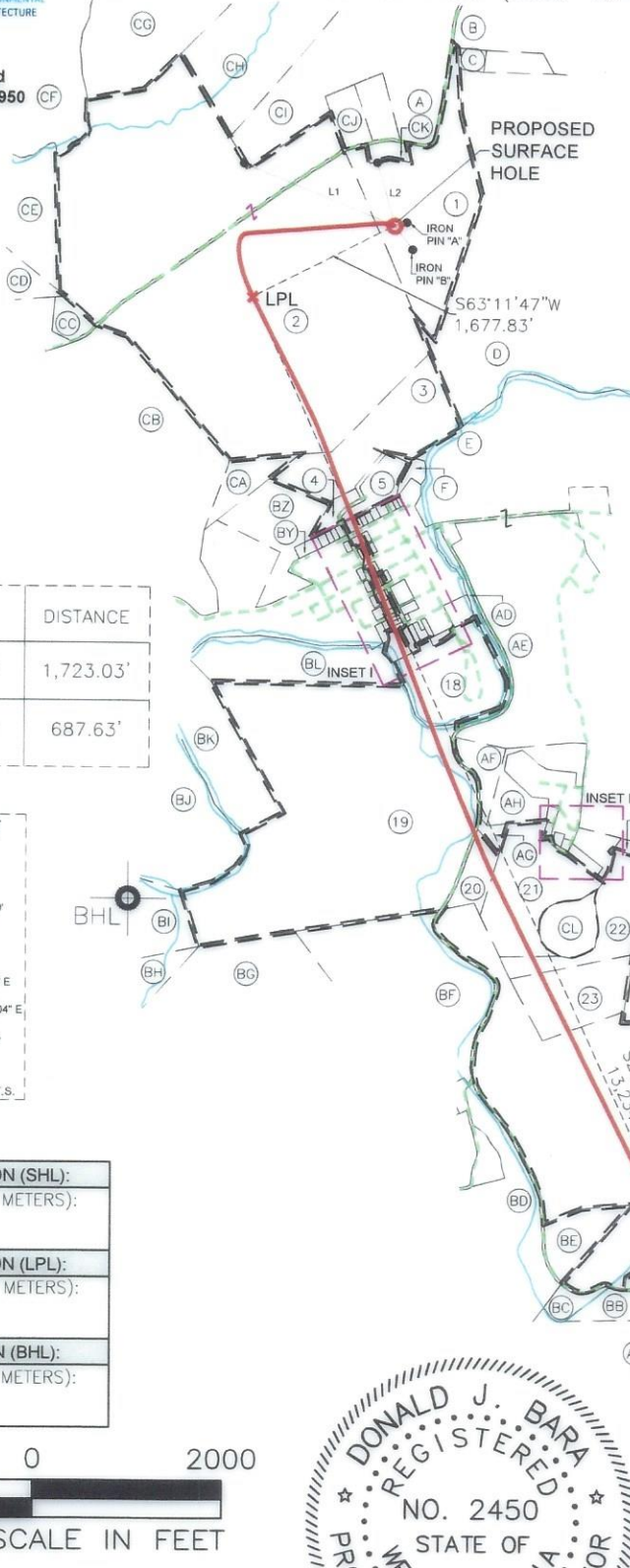
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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

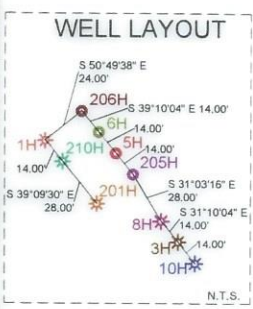
LATITUDE: 40°12'30" BOTTOM HOLE (2000' SCALE)

NOTES ON SURVEY

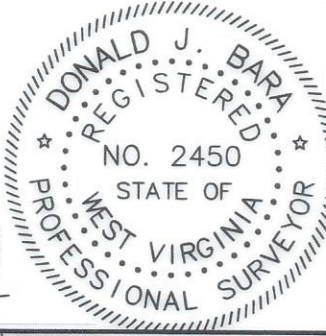
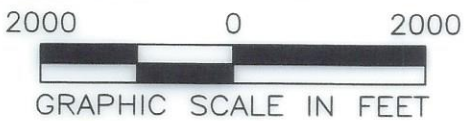
- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



LINE	BEARING	DISTANCE
L1	N68°15'05"W	1,723.03'
L2	N16°03'01"W	687.63'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4451767.12 EASTING: 537849.70
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4451528.99 EASTING: 537397.34
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4447877.61 EASTING: 539155.37



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. 2450

COMPANY: **SWN** Production Company, LLC

<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)	OPERATOR'S WELL #: WORTHLEY BRK 206H API WELL #: 47 009 00338 STATE COUNTY PERMIT
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WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1156.9'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: BETHANY, WV

SURFACE OWNER: KIMBERLY CARMAN WORTHLEY ACREAGE: ±40.0

OIL & GAS ROYALTY OWNER: COLONIAL CORP, A NEVADA CORP, & KIMBERLY J. CARMAN AKA KIMBERLY J. WORTHLEY, A MARRIED WOMAN DEALING IN HER SASP ACREAGE: ±40.0

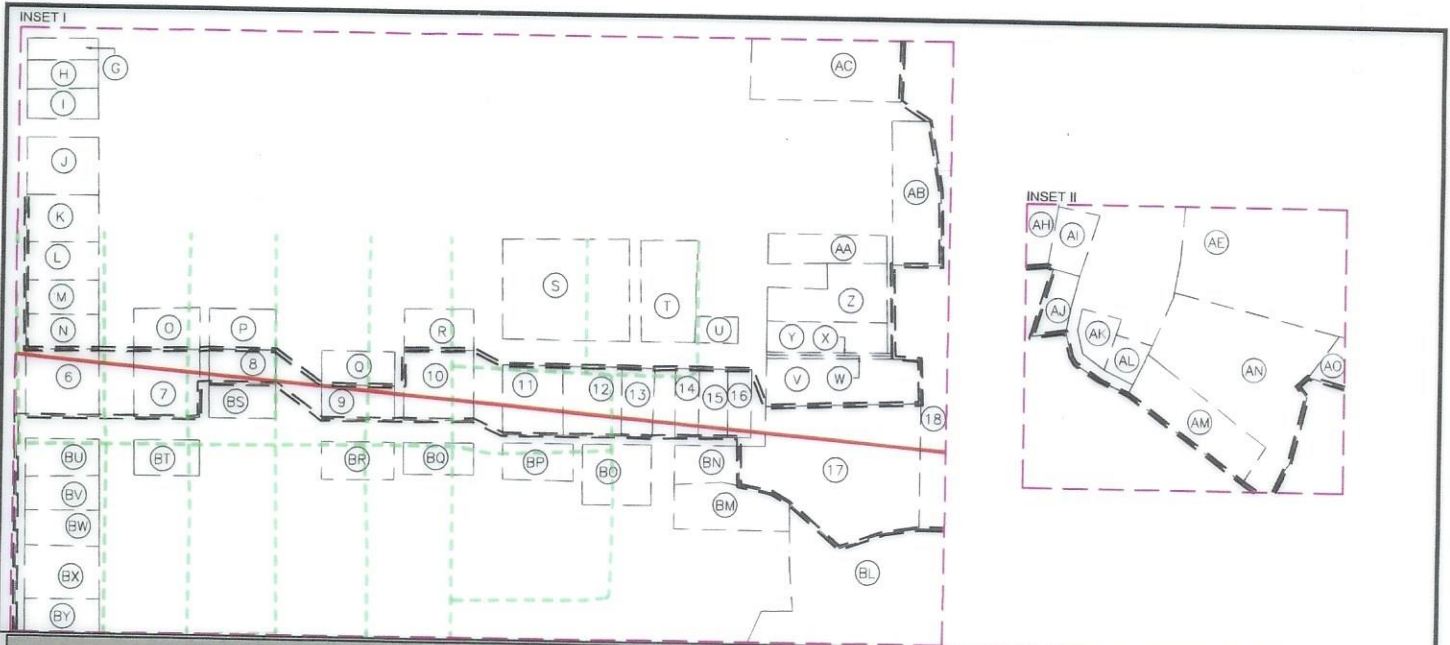
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **04/12/2024**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,210' TVD 20,026' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201	ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: ● PROPOSED SURFACE HOLE / BOTTOM HOLE ☼ EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION (W) EXISTING WATER WELL (S) EXISTING SPRING	--- NATURAL WATERWAY --- SURVEYED BOUNDARY --- LEASE BOUNDARY --- PROPOSED PATH --- PUBLIC ROAD	REVISIONS: DATE: 02-27-2024 API NO: 47-009-XXXX DRAWN BY: Z. WOOD SCALE: 1" = 2000' DRAWING NO: 2023-1649 WELL LOCATION PLAT
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WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	WORTHLEY KIMBERLY CARMAN (S) COLONIAL CORP, A NEVADA CORP, & KIMBERLY J. CARMAN AKA KIMBERLY J. WORTHLEY, A MARRIED WOMAN DEALING IN HER SASP(R)	3-B38-27
TRACT	SURFACE OWNER	TAX PARCEL
2	BETHANY COLLEGE	3-B38-31
3	BETHANY COLLEGE	2-B43C-127
4	BETHANY COLLEGE	2-B43C-1
5	BETHANY COLLEGE	2-B43C-2
6	WEIRTON SHOPPING PLAZA INC	2-B43C-14
7	MATT AMAISEMEIER INC	2-B43C-26
8	BETHANY COLLEGE	2-B43C-46
	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	BETHANY PIKE
9	TENNEY JOHN	2-B43C-63
10	METZ EVERETT	2-B43C-80
11	HULL ELIZABETH	2-B43C-95
12	BUNNELL THEODORE W	2-B43C-96
13	GRAHAM JACOB	2-B43C-97
14	SCHWERTFEGER RUSSELL G KIMBERLY S JTWS	2-B43C-98
15	MORRIS JOSEPH C & PENNY J JTWS	2-B43G-3
16	DISCIPLES OF CHRIST(AKA) CHRISTIAN CHURCH IN WV	2-B43G-2
17	DISCIPLES OF CHRIST AKA CHRISTIAN CHURCH IN WV AKA	2-B43G-9
18	BETHANY COMMUNITY RECREATIONAL ASSOCIATION	2-B43G-15
19	PRESLIE ROWAN LLC	3-B43-33
20	PRESLIE ROWAN LLC	3-B43-49.3
21	DONINI SAMUEL J & MELANIE A (JTWS)	3-B43-49.6
22	DONINI SAMUEL J & MELANIE A (JTWS)	3-B43-49.4
23	DONINI SAMUEL & MELANIE	3-B43-57
24	WV ST OF DEPT OF COMM DIV OF NAT RE WILDLIFE RES SEC	3-B43-62
25	HOGAN ANDREW P	3-B48-34
26	STATE ROAD COMMISSION	3-B48-42
27	MCNICHOLAS JOHN WALTER III	3-B48-36
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	HENSLEY JEFFREY W	3-B38-27.1
B	OWEN MARK WEAVER & KREUTZ; VIRGINIA BEALL	3-B38-19
C	ELSON LANCE M	3-B38-21
D	HENSLEY JEFFREY A (LC) KIMBERLY WORTHLEY (SELLER)	3-B38-25
E	BETHANY COLLEGE	3-B43-66
F	BETHANY COLLEGE	2-B43C-3
G	MCFADDEN FLOYD A & KAREN K TR OF MCFADDEN TR AGREE 2012	2-B43C-6
H	VAN METER JAMES & MARY LOUISE TOD VAN METER THOMAS J	2-B43C-7
I	TOD VAN METER THOMAS J	2-B43C-8
J	MOUGIANIS INDUSTRIES INC	2-B43C-9
K	VEMURI HOME & GARDEN LLC	2-B43C-10
L	BONE ROBERT O	2-B43C-11
M	FRANKE ALEXANDRA E	2-B43C-12
N	DEAL SHAWN T & BRODKE L	2-B43C-13
O	HACKETT DANELLE CHAMBERS	2-B43C-27
P	ZETA TAU ALPHA	2-B43C-45
Q	CHIVERS GLENN L	2-B43C-64
R	CUNNINGHAM JOHN S & PATRICIA L (SURV)	2-B43C-79

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
S	EPSILON PROPERTY ASSOCIATION OF SIGMA NU	2-B43C-104
T	BETA BETA ASSOCIATION OF KAPPA ALPHA ORDER	2-B43C-115.1
U	GARVEY WILLIAM J GARVEY GINA M (JTWS)	2-B43C-115
V	PAULS THEODORE N & REBECCA K (SURV)	2-B43G-10
W	PAULS THEODORE N & REBECCA K (SURV)	2-B43G-20
X	SWIGER MARK J & DAWN S	2-B43G-22
Y	SWIGER MARK J & DAWN S (SURV)	2-B43G-11
Z	COUNSELMAN PHILLIP KENT JR & ANGELA ISABEL (SURV)	2-B43G-12
AA	SCHWERTFEGER JAY ALAN & MARY FRANCES (SURV) (TOD)	2-B43G-14
AB	BETHANY TOWN OF	2-B43G-16
AC	SCHWERTFEGER RUSSELL ETAL (LE- ALVAH RUSSELL&LOIS SCHWERTFER	2-B43C-120
AD	BETHANY COLLEGE	3-B38-31
AE	BETHANY COLLEGE	3-B43-66
AF	GULF COAST BANK & TRUST CO	3-B43-35.8
AG	GULF COAST BANK & TRUST CO	3-B43-56
AH	COLLINS RANDY & VANESSA (JTWS)	3-B43-34
AI	OWENS RAYMOND	3-B43-44
AJ	STARR STEPHEN J & DEBRA L (JTWS)	3-B43-45
AK	RIPLEY NICKOLAS	3-B43-46
AL	BAYLESS MARY M & RICHARD L (SURV)	3-B43-47
AM	COLLINS RANDY L & VANESSA J (SURV)	3-B43-49.1
AN	COLLINS RANDY & VANESSA (JTWS)	3-B43-49.5
AO	COLLINS RANDY L & VANESSA J (SURV)	3-B43-49.2
AP	COLLINS MARY E	3-B43-49
AQ	PRESLIE ROWAN LLC	3-B43-28
AR	ST OF WV DEPT OF COMM DIV OF NAT RE WILDLIFE RES SEC	3-B44-14
AS	COUNSELMAN CLIFFORD E	3-B49-2
AT	WV BUREAU OF COMMERCE DIV OF NATURAL RESOURCES	3-B49-1
AU	W VA DEPT OF NATURAL RESOURCES	3-B49-7
AV	MCNICHOLAS JOHN WALTER III	3-B48-36
AW	WOOD RICHARD A & MELANIE	3-B48-29
AX	TABLE ROCK REALTY LLC	3-B48-30
AY	CAMMARATA NICHOLAS J & JENNIFER C (SURV)	3-B48-25
AZ	HOGAN ANDREW P	3-B48-34
BA	HOGAN ANDREW P	3-B48-34
BB	JONES CHARLES H	3-B48-31
BC	SMITH KAREN K	3-B48-32
BD	CHAMBERS CHARLOTTE A	3-B48-24
BE	CHAMBERS CHARLOTTE A	3-B48-24
BF	FONNER MARY LOU	3-B43-58
BG	JONES SAMUEL E & JUDITH F IRREVOCABLE TRUST	3-B43-60
BH	CORWIN BRIAN DAVID	3-B43-22
BI	BETHANY COLLEGE	3-B38-31
BJ	BETHANY COLLEGE	2-B43F-89
BK	BETHANY TOWN OF	3-B43-32
BL	BETHANY COLLEGE	3-B43-31
BM	SMITH STACEY JO	2-B43G-5
BN	SCHWERTFEGER RUSSELL GORDON	3-B43-59

04/12/2024

*HIGHLIGHTED PARCELS MAY BE IMPACTED BY DRILLING ACTIVITY



REVISIONS:

COMPANY:			
OPERATOR'S		WORTHLEY BRK	
WELL #:		206H	
DISTRICT:	COUNTY:	STATE:	DATE:
BUFFALO	BROOKE	WV	02-27-2024
		API NO: 47-009-XXXX	
		DRAWN BY: Z. WOOD	
		SCALE: N/A	
		DRAWING NO: 2023-1649	
		WELL LOCATION PLAT	

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BO	HARRY DANIEL GIBSON & NANCY SMITH	2-B43C-99
BP	GOIN DOUGLAS A & CAROL P JTWS	2-B43C-94
BQ	RUDOLPH ERIC BLAIN REV TR RUDOLPH ERIC BLAIN TRUS	2-B43C-81
BR	TENNEY JOHN	2-B43C-62
BS	JC SOCCER PROPERTIES LLC	2-B43C-47
BT	CRAFT ANN B	2-B43C-25
BU	BETHANY COLLEGE	2-B43C-15
BV	RZEPKA LORA MOREN (LE-HELEN MOREN)	2-B43C-16
BW	VRM LLC	2-B43C-17
BX	SANFORD HARRY ESTIL (ETAL)	2-B43C-18
BY	BETHANY COLLEGE	2-B43C-19
BZ	BETHANY COLLEGE	2-B43C-126
CA	BETHANY COLLEGE	2-B43B-30
CB	BETHANY COLLEGE	2-B43B-29
CC	OWENS DAVID G;WALTERS LINDA (LE-ROY R OWENS)	3-B38-32
CD	JOHNSON ALLEN;WARREN; CHARLES ETAL	3-B38-36
CE	PELUCETTE FAMILY TRUST	3-B37-63
CF	STARVAGGI INDUSTRIES INC	3-B37-53
CG	FEDAK MARK A & GEORGIA M (SURV)	3-B38-14
CH	HENSLER JEFFREY W	3-B38-28
CI	HENSLER JEFFREY W	3-B38-27.1
CJ	BROWN CHARLES F & DONNA	3-B38-30
CK	HENSLER JEFFREY	3-B38-26
CL	UNKNOWN	3-B43-7

*HIGHLIGHTED PARCELS MAY BE IMPACTED BY DRILLING ACTIVITY

04/12/2024

REVISIONS:	COMPANY:		 	
	OPERATOR'S		WORTHLEY BRK	
	WELL #:		206H	
	DISTRICT:	COUNTY:	STATE:	
	BUFFALO	BROOKE	WV	
		DATE:	02-27-2024	
		API NO:	47-009-XXXXX	
		DRAWN BY:	Z. WOOD	
		SCALE:	N/A	
		DRAWING NO:	2023-1649	
		WELL LOCATION	PLAT	