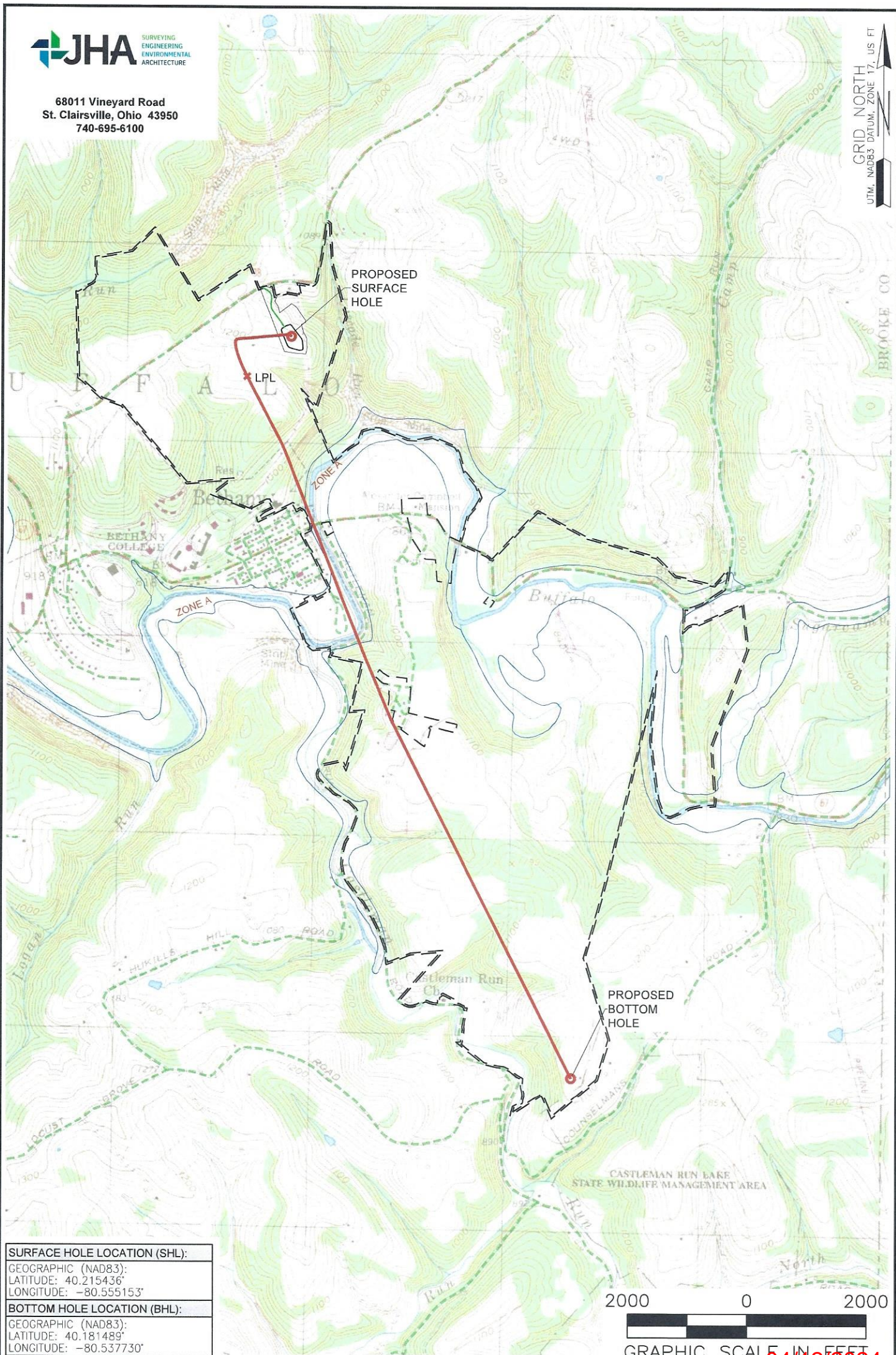




68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.215436°
LONGITUDE: -80.555153°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.181489°
LONGITUDE: -80.537730°

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
- EXISTING / PRODUCING WELLHEAD
- LPL x LANDING POINT LOCATION
- FLOOD PLAIN
- NATURAL WATERWAY
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

04/12/2024

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: WORTHLEY BRK	WELL # 6H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: BROOKE	CODE: 009	DISTRICT: BUFFALO
SURFACE OWNER: KIMBERLY CARMAN WORTHLEY	USGS 7 1/2 QUADRANGLE MAP NAME: BETHANY, WV		
			API # 47-009-XXXX

LATITUDE: 40°15'00" SURFACE HOLE (2000' SCALE) ← 3,834'



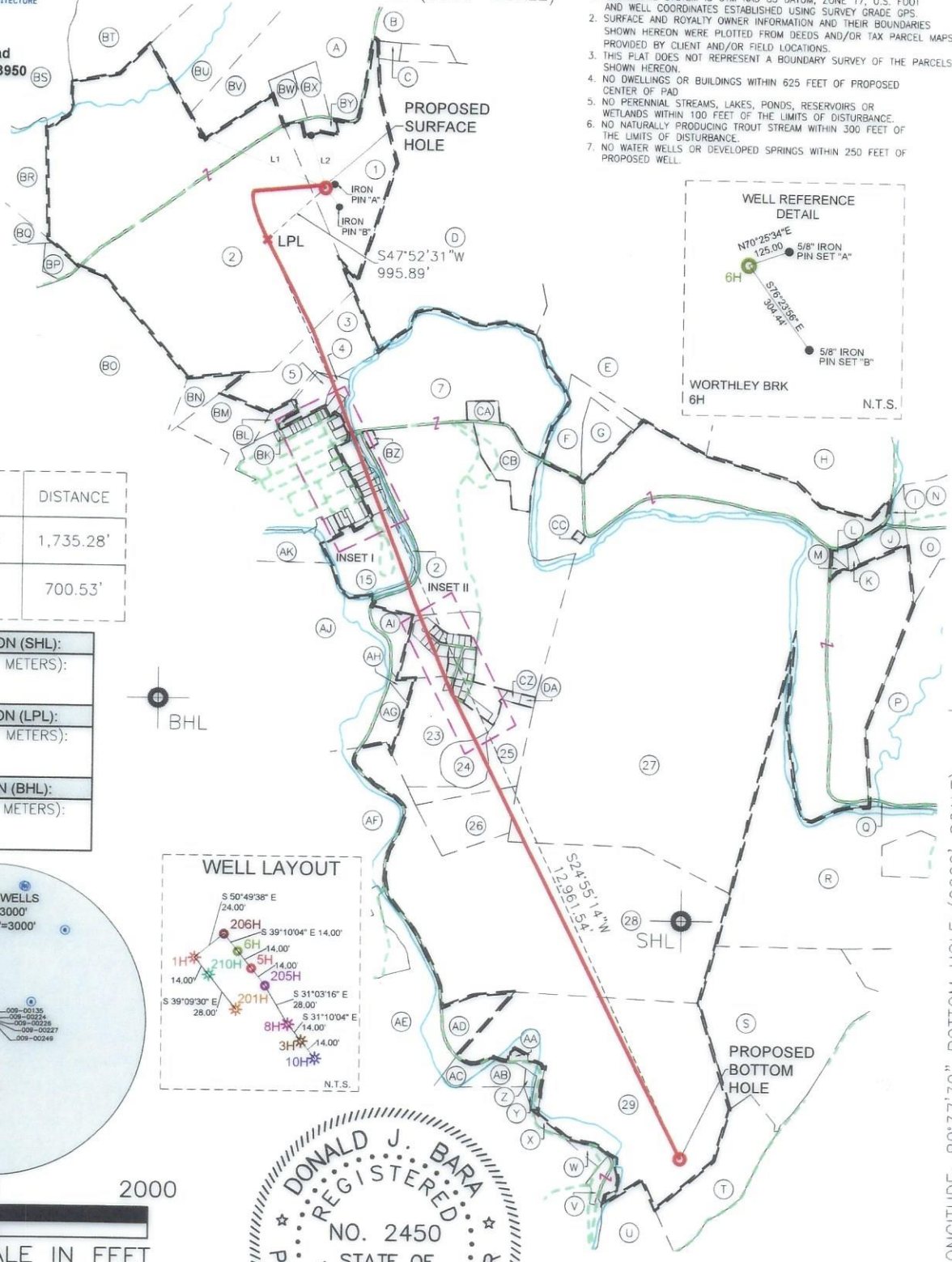
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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

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

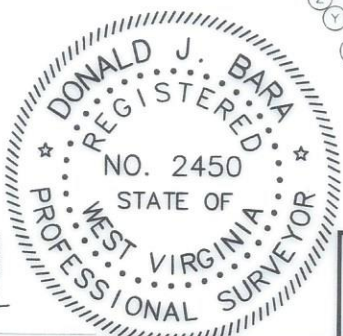
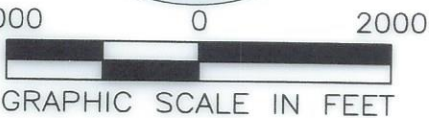
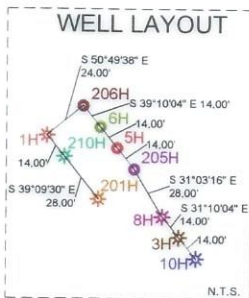
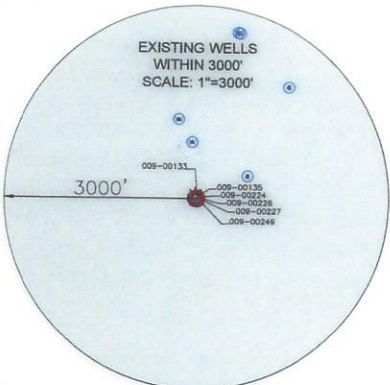
NOTES ON SURVEY

1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. 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.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



LINE	BEARING	DISTANCE
L1	N68°01'36"W	1,735.28'
L2	N16°29'59"W	700.53'

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4451763.86 EASTING: 537852.45
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4451556.59 EASTING: 537630.84
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448003.46 EASTING: 539354.66



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

(+) 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 SOURCE OF SURVEY GRADE GPS ELEVATION: (NAVD 88, US FT)

WORTHLEY BRK
OPERATOR'S WELL #: 6H
API WELL #: 47 009 00339
STATE COUNTY PERMIT

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

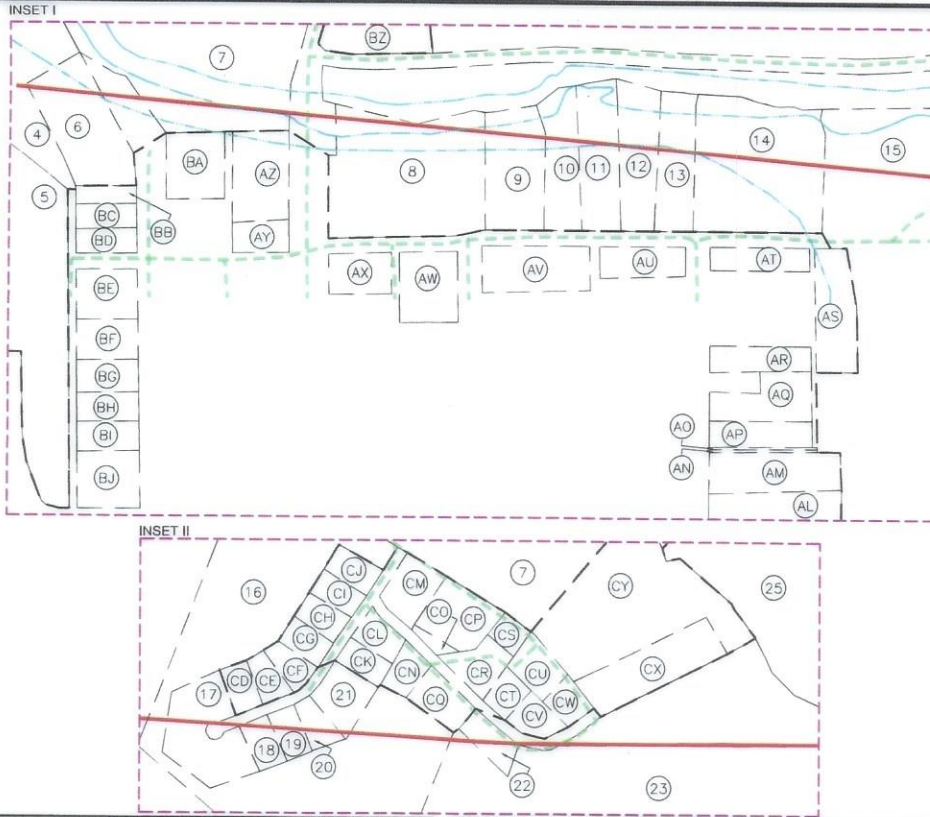
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,215' TVD 19,472' 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:	REVISIONS:	DATE: 02-27-2024
● PROPOSED SURFACE HOLE / BOTTOM HOLE		API NO: 47-009-XXXX
⊙ EXISTING / PRODUCING WELLHEAD		DRAWN BY: Z. WOOD
LPL* LANDING POINT LOCATION		SCALE: 1" = 2000'
⊙ EXISTING WATER WELL		DRAWING NO: 2023-1649
⊙ EXISTING SPRING		WELL LOCATION PLAT
— NATURAL WATERWAY		
— SURVEYED BOUNDARY		
— LEASE BOUNDARY		
— PROPOSED PATH		
— PUBLIC ROAD		



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-3
5	BETHANY COLLEGE	2-B43C-2
6	LARSON GARY E & VAUGHNDA S	2-B43C-4
7	BETHANY COLLEGE	3-B43-66
	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	BETHANY PIKE
8	BETHANY CHURCH OF GOD	2-B43C-71
9	MENZ HARALD J A & KIMBERLY J LAWLESS	2-B43C-125
10	SCHWERTFEGER CHARLES E & NANCY	2-B43C-124
11	VRM LLC	2-B43C-123
12	KEMP LAURA RAE (LIFE ESTATE- RAYMOND GODINA)	2-B43C-122
13	KEMP JAMES E JR & GODINA LAURA	2-B43C-121
14	SCHWERTFEGER RUSSELL ETAL (LE- ALVAH RUSSELL&LOIS SCHWERTFER	2-B43C-120
15	BETHANY COMMUNITY RECREATIONAL ASSOCIATION	2-B43G-15
16	COLLINS RANDY & VANESSA (JTWS)	3-B43-34
17	VALENTINE GENE CHARLES TRUST DATED 11/26/86	3-B43-35.2
18	D REYNOLDS INVESTMENTS LLC	3-B43-35.4
19	RIPLEY NICKOLAS	3-B43-35.3
20	RIPLEY NICKOLAS	3-B43-35
21	WILLIAMS WILHELMINA WILLIAMSON	3-B43-35.1
22	STARR STEPHEN J & DEBRA L JTWS	3-B43-45
23	DONINI SAMUEL J & MELANIE A (JTWS)	3-B43-49.6
24	UNKNOWN	3-B43-49.7
25	DONINI SAMUEL J & MELANIE (JTWS)	3-B43-49.4
26	DONINI SAMUEL & MELANIE	3-B43-57
27	PRESLIE ROWAN LLC	3-B43-28
28	WV ST OF DEPT OF COMM DIV OF NAT RE WILDLIFE RES SEC	3-B43-62
29	HOGAN ANDREW P	3-B48-34
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	HENSLER JEFFREY W	3-B38-27.1
B	OWEN MARK WEAVER & KREUTZ VIRGINIA BEALL	3-B38-19
C	ELSON LANCE M	3-B38-21
D	HENSLER JEFFREY A (LC) KIMBERLY WORTHLEY (SELLER)	3-B38-25
E	OWEN MARK W 1/2 INT: KRUETZ VIRGINIA BEALL 1/2 INT:	3-B38-24
F	BELVEDERE FARMS LP	3-B43-28.1
G	VANHORN AMY LYNNE	3-B43-28.2
H	TREDWAY RAYMOND L & LINDSEY G	3-B39-11

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
I	CONLEY DONNA M	3-B44-2
J	NEEL CURTIS LEE & LOUANN L (SURV)	3-B44-7
K	JACKSON JANICE F (LE-PHILLIS SWAIN)	3-B44-8
L	JACKSON JANICE F (LE-PHILLIS A SWAIN)	3-B44-9
M	JACKSON JANICE F (LE-PHILLIS A SWAIN)	3-B44-10
N	GREATHOUSE JAMES R & LINDA R	3-B39-12
O	MIELKE CHERYL	3-B44-6
P	FORNEY & SONS HOLDING CO LLC	3-B44-5
Q	FORNEY & SONS HOLDING CO LLC	3-B44-5
R	ST OF WV DEPT OF COMM DIV OF NAT RE WILDLIFE RES SEC	3-B44-14
S	COUNSELMAN CLIFFORD E	3-B49-2
T	WV BUREAU OF COMMERCE DIV OF NATURAL RESOURCES	3-B49-1
U	MCNICHOLAS JOHN WALTER III	3-B48-36
V	STATE ROAD COMMISSION	3-B48-42
W	TABLE ROCK REALTY LLC	3-B48-30
X	CAMMARATA NICHOLAS J & JENNIFER C (SURV)	3-B48-25
Y	HOGAN ANDREW P	3-B48-34
Z	HOGAN ANDREW P	3-B48-34
AA	CASTLEMANS RUN METHODIST CHURC	3-B48-33
AB	JONES CHARLES H	3-B48-31
AC	SMITH KAREN K	3-B48-32
AD	CHAMBERS CHARLOTTE A	3-B48-24
AE	CHAMBERS CHARLOTTE A	3-B48-24
AF	FONNER MARY LOU	3-B43-58
AG	PRESLIE ROWAN LLC	3-B43-49.3
AH	GULF COAST BANK & TRUST CO	3-B43-56
AI	GULF COAST BANK & TRUST CO	3-B43-35.8
AJ	PRESLIE ROWAN LLC	3-B43-33
AK	BETHANY COLLEGE	3-B43-31
AL	DISCIPLES OF CHRIST AKA CHRISTIAN CHURCH IN WV AKA	2-B43G-9
AM	PAULS THEODORE N & REBECCA K (SURV)	2-B43G-10
AN	PAULS THEODORE N & REBECCA K (SURV)	2-B43G-20
AO	SWIGER MARK J & DAWN S	2-B43G-22
AP	SWIGER MARK J & DAWN S (SURV)	2-B43G-11
AQ	COUNSELMAN PHILLIP KENT JR & ANGELA ISABEL (SURV)	2-B43G-12
AR	SCHWERTFEGER JAY ALAN & MARY FRANCES (SURV) (TOD)	2-B43G-14
AS	BETHANY TOWN OF	2-B43G-16
AT	HICKS WILLIAM T	2-B43C-119
AU	MITCHELL RAYMOND L & JANET L	2-B43C-108
AV	MILLER SIHAM K L EST GEORGE F, MILLER JR ETAL	2-B43C-107
AW	BETA THETA PI FRATERNITY	2-B43C-72
AX	PAULL STEPHEN B & ANN S (SURV)	2-B43C-70
AY	BETHANY COLLEGE TRUSTEES OF	3-B43-31

04/12/2024

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN ^{R-V+}
Production Company™

OPERATOR'S

WORTHLEY BRK

WELL #:

6H

DISTRICT:
BUFFALO

COUNTY:
BROOKE

STATE:
WV

DATE: 02-27-2024

API NO: 47-009-XXXXX

DRAWN BY: Z. WOOD

SCALE: N/A

DRAWING NO: 2023-1649



WELL LOCATION PLAT

COMPLETION ID 2501166240

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
AZ	MURRAY GERALD L MURRAY LANDREA (JTWS)	2-B43C-37
BA	CHAMBERS CATHERINE E	2-B43C-36
BB	MCFADDEN FLOYD A & KAREN K TR OF MCFADDEN TR AGREE 2012	2-B43C-6
BC	VAN METER JAMES & MARY LOUISE TOD VAN METER THOMAS J	2-B43C-7
BD	MOUGIANIS INDUSTRIES INC	2-B43C-8
BE	MENEELY ROBERT DARRELL MENEELY II	2-B43C-9
BF	VEMURI HOME & GARDEN LLC	2-B43C-10
BG	BONE ROBERT O	2-B43C-11
BH	FRANKE ALEXANDRA E	2-B43C-12
BI	DEAL SHAWN T & BROOKE L	2-B43C-13
BJ	WEIRTON SHOPPING PLAZA INC	2-B43C-14
BK	BETHANY COLLEGE	2-B43C-15
BL	BETHANY COLLEGE	2-B43C-1
BM	BETHANY COLLEGE	2-B43C-126
BN	BETHANY COLLEGE	2-B43B-30
BO	BETHANY COLLEGE	2-B43B-29
BP	OWENS DAVID G;WALTERS LINDA (LE-ROY R OWENS)	3-B38-32
BQ	JOHNSON ALLEN;WARREN; CHARLES ETAL	3-B38-36
BR	PELUCETTE FAMILY TRUST	3-B37-63
BS	STARVAGGI INDUSTRIES INC	3-B37-53
BT	FEDAK MARK A & GEORGIA M (SURV)	3-B38-14
BU	HENSLER JEFFREY W	3-B38-28
BV	HENSLER JEFFREY W	3-B38-27.1
BW	BROWN CHARLES F & DONNA	3-B38-30
BX	HENSLER JEFFREY WILLIAM	3-B38-29
BY	HENSLER JEFFREY	3-B38-26
BZ	GORBY RICHARD FRANCIS	3-B43-27
CA	BETHANY COLLEGE	3-B43-67
CB	BETHANY COLLEGE	3-B43-65
CC	ROBERTS CLYDE B	3-B43-29
CD	GRAHAM KAYLA & BENNETT ROGER JR (JTWS)	3-B43-41
CE	GRAHAM KAYLA & BENNETT ROGER JR (JTWS)	3-B43-40
CF	CHASE GREGORY	3-B43-39
CG	TUCKER RICKIE W & MAY M JTWS	3-B43-38
CH	TUCKER RICKIE W & MAY M JTWS	3-B43-37
CI	VAN CAMP WILLIAM C JR	3-B43-35.7
CJ	WALTERS LINDA	3-B43-36
CK	LONG MARK E & SHERYL E (SURV)	3-B43-35.5
CL	LONG MARK E & SHERYL E (SURV)	3-B43-42
CM	RIPLEY NICKOLAS	3-B43-55
CN	LONG MARK E & SHERYL E (SURV)	3-B43-43
CO	RIPLEY NICKOLAS	3-B43-54
CP	RIPLEY NICKOLAS	3-B43-53
CQ	OWENS RAYMOND	3-B43-44
CR	RIPLEY NICKOLAS	3-B43-52
CS	VALENTINE GENE C TRUST OF 11/26/86	3-B43-51
CT	VALENTINE GENE C TRUST OF 11/26/86	3-B43-50
CU	ARACICH JUDITH	3-B43-48
CV	RIPLEY NICKOLAS	3-B43-46
CW	BAYLESS MARY M & RICHARD L (SURV)	3-B43-47
CX	COLLINS RANDY L & VANESSA J	3-B43-49.1
CY	COLLINS RANDY & VANESSA (JTWS)	3-B43-49.5
CZ	COLLINS RANDY L & VANESSA J (SURV)	3-B43-49.2
DA	COLLINS MARY E	3-B43-49

*HIGHLIGHTED PARCELS MAY BE IMPACTED BY DRILLING ACTIVITY

04/12/2024

REVISIONS:	 	
	COMPANY:	
	OPERATOR'S	WORTHLEY BRK
	WELL #:	6H
	DISTRICT:	COUNTY:
	BUFFALO	BROOKE
		STATE:
		WV
		DATE: 02-27-2024
		API NO: 47-009-XXXXX
		DRAWN BY: Z. WOOD
		SCALE: N/A
		DRAWING NO: 2023-1649
		WELL LOCATION PLAT