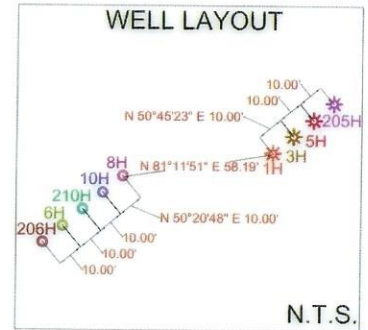
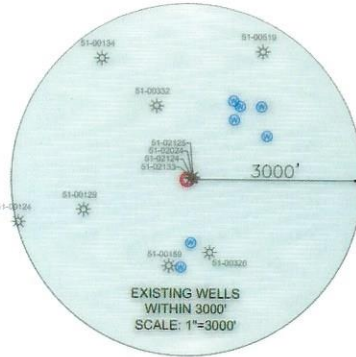


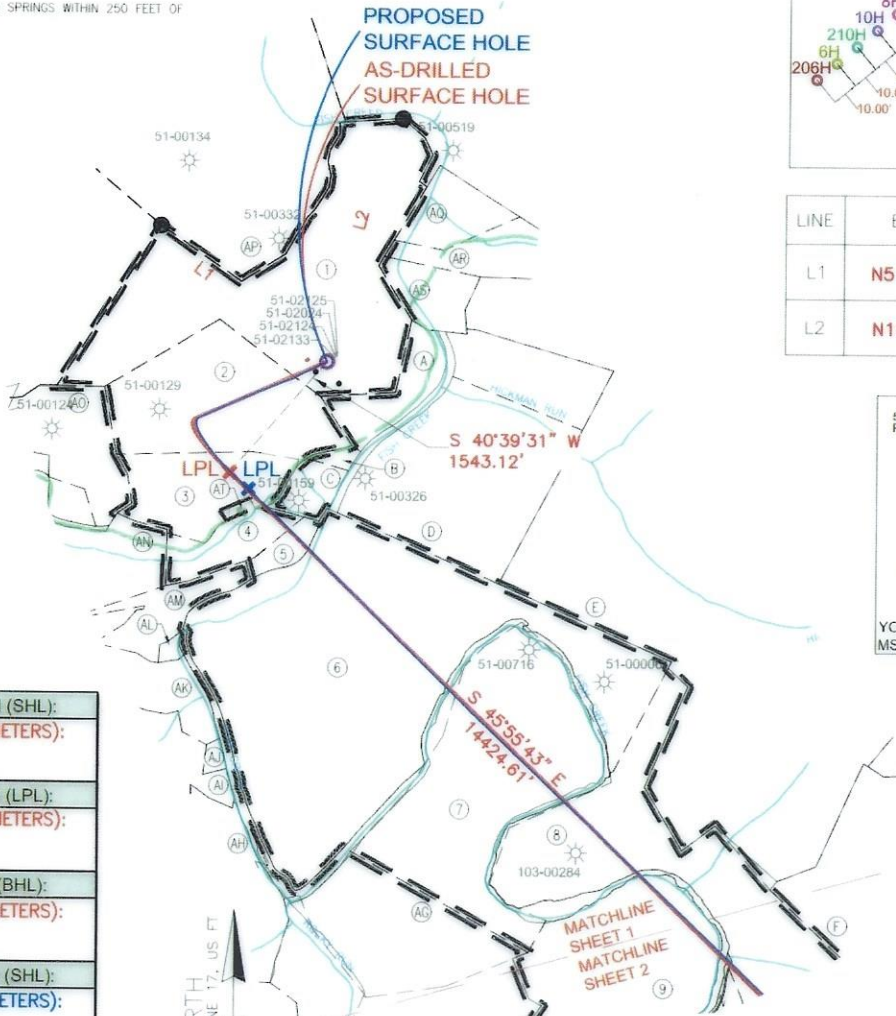
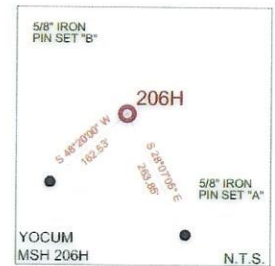
**NOTES ON SURVEY**

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.

LATITUDE: 39°45' SURFACE HOLE (2000' SCALE) 126'  
 LATITUDE: 39°42'30" BOTTOM HOLE (2000' SCALE) 2327'

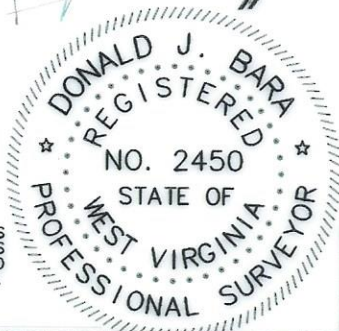


LINE	BEARING	DISTANCE
L1	N51°19'40"W	2230.01'
L2	N15°17'19"E	2590.04'



<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4398185.42 EASTING: 535657.34
<b>LANDING POINT LOCATION (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4397772.49 EASTING: 535418.05
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4394815.35 EASTING: 538561.07
<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4398185.59 EASTING: 535657.52
<b>LANDING POINT LOCATION (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4397823.83 EASTING: 535357.17
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4394819.88 EASTING: 538565.68

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



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 **SWN** Production Company™

(+) 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)	YOCUM MSH OPERATOR'S WELL #: 206H API WELL #: 47 051 02464 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: UPPER OHIO SOUTH DISTRICT: LIBERTY COUNTY: MARSHALL SURFACE OWNER: JOSEPH LEE AND MICHAEL D. YOCUM OIL & GAS ROYALTY OWNER: JOSEPH LEE AND MICHAEL D. YOCUM DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/>

CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) **AS-DRILLED** 03/15/2024  
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,282' TVD 22,121' TMD

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

LEGEND:	REVISIONS:	DATE:
EXISTING BOTTOM HOLE EXISTING / PRODUCING WELLHEAD EXISTING LANDING POINT LOCATION PROPOSED SURFACE HOLE / BOTTOM HOLE PROPOSED LANDING POINT LOCATION ACCESS ROAD PUBLIC ROAD FLOOD PLAIN LEASE BOUNDARY ASDRILLED PATH PROPOSED PATH	_____ _____ _____ _____	05-03-2023 API NO: 47-051-02464 DRAWN BY: Z. WOOD SCALE: 1" = 2000' DRAWING NO: 2017-154 WELL LOCATION PLAT

2041'  
 6013'  
 LONGITUDE: 80°32'30" BOTTOM HOLE (2000' SCALE)  
 LONGITUDE: 80°35' SURFACE HOLE (2000' SCALE)





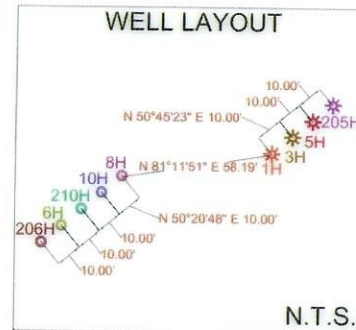
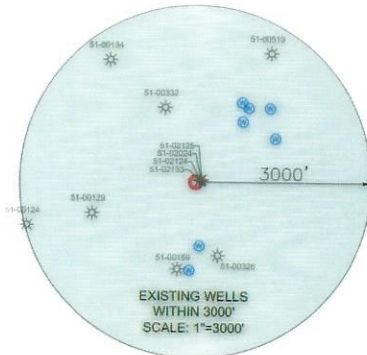
www.jhacompanies.com

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

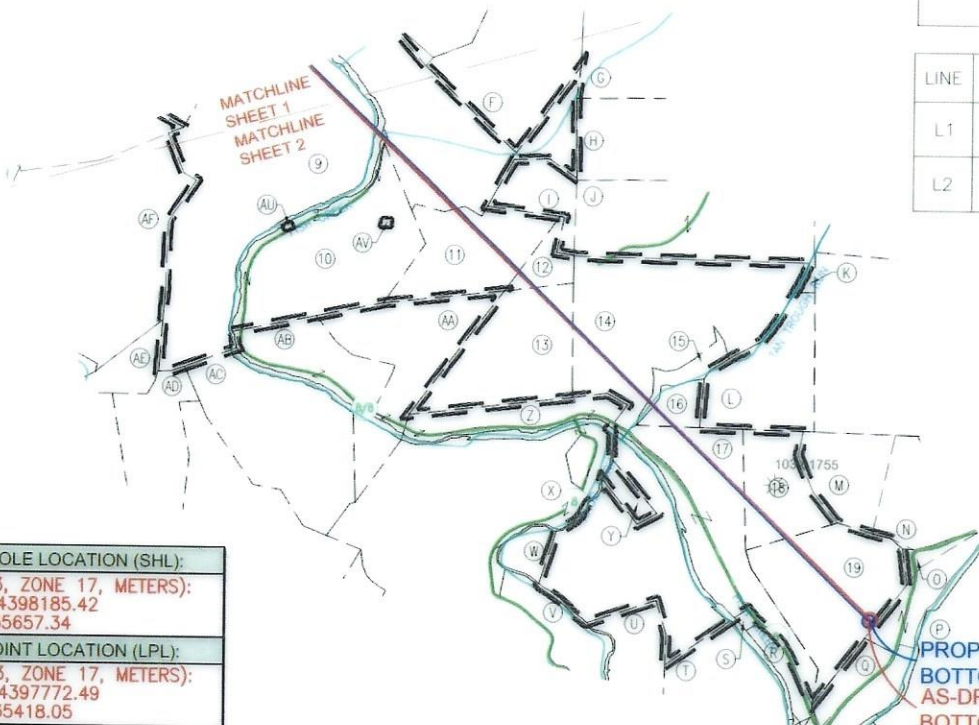
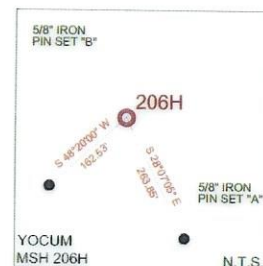
**NOTES ON SURVEY**

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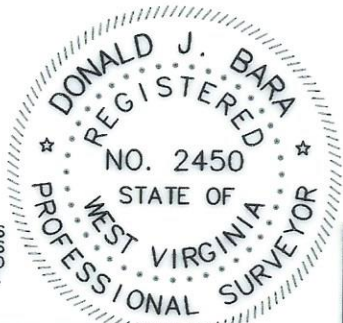
LATITUDE: 39°45' SURFACE HOLE (2000' SCALE) 126'  
LATITUDE: 39°42'30" BOTTOM HOLE (2000' SCALE) 2327'



LINE	BEARING	DISTANCE
L1	N51°19'40\"/>	
L2	N15°17'19\"/>	



<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4398185.42 EASTING: 535657.34
<b>LANDING POINT LOCATION (LPL):</b>
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COMPANY: **SWN** Production Company, LLC

YOCUM MSH  
OPERATOR'S WELL #: 206H  
API WELL #: 47 051 02464  
STATE COUNTY PERMIT

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

(+) 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)

WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW   
WATERSHED: UPPER OHIO SOUTH  
DISTRICT: LIBERTY COUNTY: MARSHALL  
SURFACE OWNER: JOSEPH LEE AND MICHAEL D. YOCUM  
OIL & GAS ROYALTY OWNER: JOSEPH LEE AND MICHAEL D. YOCUM  
DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) AS-DRILLED 03/15/2024  
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,282' TVD 22,121' TMD



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

<b>LEGEND:</b>	<b>REVISIONS:</b>	<b>DATE:</b> 05-03-2023
EXISTING BOTTOM HOLE	ACCESS ROAD	API NO: 47-051-02464
EXISTING / PRODUCING WELLHEAD	PUBLIC ROAD	DRAWN BY: Z. WOOD
LPL* EXISTING LANDING POINT LOCATION	FLOOD PLAIN	SCALE: 1" = 2000'
PROPOSED SURFACE HOLE / BOTTOM HOLE	LEASE BOUNDARY	DRAWING NO: 2017-154
LPL* PROPOSED LANDING POINT LOCATION	ASDRILLED PATH	WELL LOCATION PLAT
	PROPOSED PATH	



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	YOCUM JOSEPH LEE & MICHAEL D	7-26-9
TRACT	SURFACE OWNER	TAX PARCEL
2	YOCUM JOSEPH LEE & MICHAEL D	7-27-4
3	YOCUM JOSEPH LEE & MICHAEL D	7-27-5
4	OCHSENBEIN RICHARD L	7-27-9
5	BURGE DELORES E ET AL	7-27-10
6	VELLEKOOP PETER B ET UX - TOD	7-27-13
7	WV STATE COMMERCE BUREAU OF	1-2-6
8	SEIDLER EARL DALE & NETTIE	1-2-6.1
9	SEIDLER E DALE & NETTIE L	1-2-6.2
10	SEIDLER E DALE & NETTIE L	1-5-10
11	BLACKROCK ENTERPRISES LLC	1-6-1
12	UNKNOWN	UNKNOWN
13	WILLIAMS JOHN E HRS	1-6-4
14	MCGUFFIE ARCH	1-6-5
15	MILLIKEN KEVIN R ETAL	1-6-6
16	CONSOLIDATED GAS TRANS CORP	3-1-7
17	S&R INVESTMENTS	3-1-23
18	PHILLIPS JR CHARLES R	3-1-22
19	CONSOLIDATED GAS TRANSMISSION	3-1-29
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	STIPETICH SUSAN F & FRANK R	7-27-4.2
B	YOCUM MICHAEL DAVID ET AL	7-27-4.1
C	HIGH PHILIP D	7-27-8
D	VELLEKOOP PETER B ET UX - TOD	7-27-11
E	W VA WILDLIFE RESOURCES	7-24-1
F	WILLIAMS KATHERINE E TRUST	1-3-1
G	ABEREGG D W EST & ABEREGG WILLIAM D ETAL L/E ABEREGG DA	1-3-2
H	WILLIAMS LONNIE L	1-3-7
I	CONSOLIDATED GAS TRANSMISSION	1-3-5
J	WILLIAMS JOHN EDWARD	1-3-8
K	CBC HOLDINGS LLC	3-1-8.1
L	MILLIKEN KEVIN R ETAL	3-1-8
M	CONSOLIDATED GAS TRANS CORP	3-1-21
N	CONSOLIDATED GAS TRANS CORP	3-1-20
O	CONSOLIDATED GAS TRANSMISSION	3-1-31
P	CONSOLIDATED GAS TRANSMISSION	3-1-32
Q	CONSOLIDATED GAS TRANS CORP	3-1-30
R	CONSOLIDATED GAS TRANS CORP	3-1-28
S	CONSOLIDATED GAS TRANS CORP	3-1-27
T	CONSOLIDATED GAS TRANS CORP	3-1-26
U	S&R INVESTMENTS	3-1-25
V	S&R INVESTMENTS	1-6-11
W	SHOWALTER THOMAS HRS	3-1-24
X	BLAKE GAY KAREN & JOSEPH F	1-6-7
Y	S&R INVESTMENTS	1-6-10
Z	BERRY LAWRENCE C & DOROTHY J	1-6-8
AA	SEIDLER E DALE & NETTIE L	1-6-3
AB	SEIDLER E DALE & NETTIE L	1-5-11
AC	CONSOLIDATED GAS TRANSMISSION	1-5-18
AD	CONSOLIDATED GAS TRANSMISSION	1-5-17.1
AE	BROWN NEIL A	1-5-9
AF	WV STATE OF COMM BUREAU OF	1-5-9.1
AG	WV STATE COMMERCE BUREAU OF	1-2-12
AH	MCINTIRE STEPHEN ROSS	1-2-5
AI	FERDA BRIAN T ET UX	7-27-15
AJ	FITZSIMMONS SCOTT M ET AL	7-27-14
AK	FERDA BRIAN T ET UX	7-27-16
AL	FERDA BRIAN T ET UX	7-27-16.1
AM	GEHO ANNIE L EST	7-27-21
AN	SCHANCK JOSEPH L	7-27-18
AO	HORNER DELORSE A	7-26-10
AP	CONSOLIDATED GAS SUPPLY CORP	7-26-8
AQ	GEDEON DANIEL D ET UX	7-26-6
AR	VELLEKOOP PETER B ET UX - TOD	7-26-6.1
AS	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
AT	MEADOWDALE UNITED METH CH CEM	7-27-6
AU	SEIDLER E DALE & NETTIE L	1-5-10.1
AV	UNKOWN	UNKNOWN

03/15/2024

REVISIONS:	 		
	COMPANY:	OPERATOR'S	DATE: 05-03-2023
		WELL #:	API NO: 47-051-02464
		DISTRICT:	DRAWN BY: Z. WOOD
	LIBERTY	COUNTY:	SCALE: N/A
		MARSHALL	DRAWING NO: 2017-154
		STATE:	WELL LOCATION PLAT
		WV	