

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47103036110000 County WETZEL District PROCTOR
 Quad WILEYVILLE W Pad Name CONSTANCE TAYLOR-WTZ-PAD1 Field/Pool Name VICTORY FIELD WET
 Farm Name CONSTANCE A. TAYLOR Well Number CONSTANCE TAYLOR WTZ 210H
 Operator (as registered with the OCC) SWN Production Company LLC
 Address PO Box 12359 City Spring State TX
 Zip 77391-2359

As Drilled Location NAD83/UTM Attach an as-drilled plat, profile view, and deviation survey

Top Hole	Northing	<u>4389453.49</u>	Easting	<u>527526.14</u>
Landing Point of Curve	Northing	<u>4389480.73</u>	Easting	<u>527702.20</u>
Bottom Hole	Northing	<u>4386626.90</u>	Easting	<u>530772.92</u>

Elevation (ft) 1430.1' GI _____ Type of Well New Existing Type of Report Interim Final

Permit Type Deviate Horizontal Horizontal 6A Vertical _____ Depth Type Deep Shallow

Type of Operation Convert Deepen Drill Plug Back Redrill Re-Work Stimulate

Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____

Type of Completion Single Multiple _____ Fluids Produced Brine Gas NGL Oil Other _____

Drilled with Cable Rotary _____

Drilling Media Surface Hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine

Production Hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s) SOBM
 See attached Mud Summary Report

Date permit issued 2023-09-18 Date drilling commenced 2/18/2024 Date drilling ceased 03/02/24

Date Completion activities began 2024-03-16 Date Completion activities ceased 2024-04-22

Verbal Plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft	<u>365'</u>	Opn mine(s) (Y/N) depths	<u>N</u>
Salt water depth(s) ft	<u>1443'</u>	Void(s) encountered (Y/N) depths	<u>N</u>
Coal depth(s) ft	<u>1400'</u>	Cavern(s) encountered (Y/N) depth	<u>N</u>
Is coal being mined in area (Y/N)	<u>N</u>		

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API 47103036110000

Farm name CONSTANCE A. TAYLOR

Well number CONSTANCE TAYLOR WTZ 210H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Wt lb/ft	Grade	Basket Depth	Did cement circulate (Y/N) *Provide details below*
Conductor	24.000	20.000	136	NEW	94.00	J-55		Y
Surface	17.500	13.375	415	NEW	54.50	J-55	N/A	Y/ 28 BBLS
Coal	SEE SURFACE							
Intermediate 1	12.250	9.625	2884	NEW	36.00	J-55		Y/ 56 BBLS
Intermediate 2								
Intermediate 3								
Production	8.500	5.500	21989	NEW	20.00	P-110 HP		Y/ 10 BBLS
Tubing								
Packer type and depth set								

Comment Detail:

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	
Surface	CLASS A	452	15.6	1.19	537.88	SURFACE	24
Coal	SEE SURFACE						8
Intermediate 1	CLASS A	1066	15.6	1.18	1257.88	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4009	14.5	1.29	5171.61	SURFACE	24
Tubing							

Drillers TD (ft) 21996

Loggers TD (ft) 21996

Deepest formation penetrated MARCELLUS

Plug back to (ft) 21899

Plug back procedure N/A

Kick off depth (ft 6780' MD)

Check all wireline logs run

- caliper density deviated/directional induction sonic
 neutron resistivity gamma ray temperature

Well cored Yes No

Conventional Sidewall

Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING:

SURFACE: 6 CENTRALIZERS - EVERY THIRD JOINT OF CASING

INTERMEDIATE: 36 CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: 438 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE

Yes No

Details

WAS WELL COMPLETED AS OPEN HOLE

Yes No

Details

WERE TRACERS USED

Yes No

TYPE OF TRACER(S) USED

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API 471030361 10000

Farm name CONSTANCE A. TAYLOR

Well number CONSTANCE TAYLOR WTZ 210H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
SEE ATTACHMENT 1					

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
SEE ATTACHMENT 2								

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Please insert additional pages as applicable.

JS

**CONSTANCE TAYLOR WTZ 210H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	3/12/2024	21,899	21,803	36
2	3/17/2024	21,767	21,588	36
3	3/18/2024	21,555	21,376	36
4	3/18/2024	21,343	21,165	36
5	3/19/2024	21,131	20,953	36
6	3/19/2024	20,919	20,741	36
7	3/20/2024	20,707	20,529	36
8	3/20/2024	20,496	20,317	36
9	3/21/2024	20,284	20,105	36
10	3/21/2024	20,072	19,893	36
11	3/21/2024	19,860	19,681	36
12	3/22/2024	19,648	19,469	36
13	3/22/2024	19,436	19,257	36
14	3/22/2024	19,224	19,045	36
15	3/23/2024	19,012	18,834	36
16	3/23/2024	18,800	18,622	36
17	3/23/2024	18,588	18,410	36
18	3/24/2024	18,376	18,198	36
19	3/24/2024	18,165	17,986	36
20	3/25/2024	17,953	17,774	36
21	3/25/2024	17,741	17,562	36
22	3/25/2024	17,529	17,350	36
23	3/25/2024	17,317	17,138	36
24	3/26/2024	17,105	16,926	36
25	3/27/2024	16,893	16,714	36
26	3/27/2024	16,681	16,503	36
27	3/28/2024	16,469	16,291	36
28	3/28/2024	16,257	16,079	36
29	3/28/2024	16,045	15,867	36
30	3/29/2024	15,833	15,655	36
31	3/29/2024	15,622	15,443	36
32	3/29/2024	15,410	15,231	36
33	3/30/2024	15,198	15,019	36
34	3/30/2024	14,986	14,807	36
35	3/30/2024	14,774	14,595	36
36	3/31/2024	14,562	14,383	36
37	4/1/2024	14,350	14,172	36
38	4/1/2024	14,138	13,960	36
39	4/1/2024	13,926	13,748	36
40	4/2/2024	13,714	13,536	36
41	4/2/2024	13,502	13,324	36
42	4/2/2024	13,291	13,112	36
43	4/3/2024	13,079	12,900	36
44	4/3/2024	12,867	12,688	36
45	4/4/2024	12,655	12,476	36
46	4/4/2024	12,443	12,264	36
47	4/4/2024	12,231	12,052	36

10/25/2024

48	4/5/2024	12,019	11,840	36
49	4/5/2024	11,807	11,629	36
50	4/5/2024	11,595	11,417	36
51	4/6/2024	11,383	11,205	36
52	4/6/2024	11,171	10,993	36
53	4/7/2024	10,960	10,781	36
54	4/7/2024	10,748	10,569	36
55	4/7/2024	10,536	10,357	36
56	4/7/2024	10,324	10,145	36
57	4/8/2024	10,112	9,933	36
58	4/8/2024	9,900	9,721	36
59	4/8/2024	9,688	9,509	36
60	4/9/2024	9,476	9,298	36
61	4/9/2024	9,264	9,086	36
62	4/10/2024	9,052	8,874	36
63	4/10/2024	8,840	8,662	36
64	4/10/2024	8,629	8,450	36
65	4/11/2024	8,417	8,238	36
66	4/11/2024	8,205	8,026	36
67	4/12/2024	7,993	7,814	36

10/25/2024

**CONSTANCE TAYLOR WTZ 210H
ATTACHMENT 2
STIM REPORT**

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment	Max Breakdown	ISIP (PSI)	Amount of Proppant
1	3/16/2024	83.9	9,028	7,985	5,163	194,240
2	3/17/2024	84.7	8,725	6,500	5,249	316,160
3	3/18/2024	78	8,378	6,547	5,331	314,460
4	3/18/2024	90.5	8,824	3,284	5,639	315,100
5	3/19/2024	89.9	8,551	5,437	5,034	313,840
6	3/19/2024	82.1	8,687	5,581	4,985	310,340
7	3/20/2024	85.1	9,075	5,787	5,857	311,980
8	3/21/2024	99.6	9,240	6,111	5,543	315,000
9	3/21/2024	85.6	9,064	5,647	5,518	310,940
10	3/21/2024	96	8,953	4,002	5,224	315,080
11	3/22/2024	84	8,302	3,409	5,012	313,360
12	3/22/2024	85.7	9,246	6,242	5,386	318,780
13	3/22/2024	95.9	9,419	6,152	5,128	317,460
14	3/23/2024	99.1	9,145	4,347	5,267	333,920
15	3/23/2024	84.1	9,286	6,186	5,279	317,060
16	3/23/2024	76.6	8,481	6,194	5,117	314,600
17	3/24/2024	83	8,375	6,262	5,789	262,020
18	3/24/2024	94	8,885	6,519	5,146	314,480
19	3/25/2024	92	8,655	4,587	5,781	316,200
20	3/25/2024	80	8,703	6,475	5,505	315,660
21	3/25/2024	85.2	8,204	5,624	5,712	316,260
22	3/26/2024	80	8,461	6,445	5,632	317,080
23	3/26/2024	76.6	8,377	6,495	5,245	317,340
24	3/27/2024	90	8,792	6,183	5,184	313,940
25	3/27/2024	89.9	8,886	5,385	5,100	310,080
26	3/27/2024	94.3	8,852	5,792	4,875	311,520
27	3/28/2024	73.8	8,046	6,346	4,647	311,940
28	3/28/2024	88.1	8,661	5,757	4,987	314,940
29	3/28/2024	84.2	8,723	5,296	4,598	311,320
30	3/29/2024	86.3	8,752	5,723	4,587	311,440
31	3/29/2024	97.6	9,106	5,537	4,798	318,960
32	3/30/2024	94.1	9,009	5,209	5,135	316,140
33	3/30/2024	83	8,424	5,538	4,217	312,700
34	3/30/2024	91	8,835	6,390	4,897	312,460
35	3/31/2024	81.1	8,009	5,400	4,989	312,320
36	3/31/2024	81.8	7,920	4,852	5,169	313,320
37	4/1/2024	72.9	7,195	5,783	4,704	312,440
38	4/1/2024	80.6	7,717	6,182	4,625	311,520
39	4/2/2024	95.5	8,343	5,661	5,269	312,420
40	4/2/2024	89.1	7,976	4,929	5,247	312,180
41	4/2/2024	84.8	7,560	5,151	3,458	309,280
42	4/3/2024	90.6	7,701	5,824	4,247	314,080
43	4/3/2024	95.3	8,160	5,242	5,498	315,340
44	4/4/2024	96.8	8,693	5,825	4,465	295,260
45	4/4/2024	91.5	7,661	5,768	4,861	316,600
46	4/4/2024	97.6	8,096	5,153	4,798	313,140

10/25/2024

Amount of water bbls	Amount of nitrogen/oth
6,285	0
9,768	0
9,286	0
9,057	0
8,641	0
8,682	0
8,897	0
8,917	0
8,358	0
8,195	0
8,215	0
7,939	0
8,212	0
8,447	0
7,930	0
7,740	0
6,912	0
8,074	0
7,670	0
7,783	0
7,938	0
7,921	0
8,060	0
7,699	0
7,952	0
8,474	0
8,473	0
8,322	0
8,378	0
8,365	0
8,363	0
8,414	0
8,375	0
8,229	0
8,623	0
9,016	0
8,441	0
8,196	0
8,341	0
10,332	0
8,836	0
9,060	0
8,400	0
8,021	0
8,375	0
8,400	0

47	4/5/2024	97.7	8,051	4,655	4,965	315,500
48	4/5/2024	94.1	7,118	4,245	4,914	314,880
49	4/5/2024	90.1	7,855	5,579	5,359	313,020
50	4/6/2024	95.3	7,731	4,818	4,487	314,060
51	4/6/2024	71.8	6,599	4,040	4,479	318,380
52	4/6/2024	97.6	8,320	5,726	4,465	314,460
53	4/7/2024	97.6	7,756	4,764	4,211	316,920
54	4/7/2024	96.4	8,061	5,774	4,291	315,260
55	4/7/2024	97.6	7,939	4,889	4,369	319,300
56	4/8/2024	88.3	7,606	5,773	4,310	315,970
57	4/8/2024	80.4	7,269	5,747	4,477	315,760
58	4/8/2024	97.6	8,151	5,800	4,450	315,480
59	4/9/2024	95.4	7,933	6,007	4,417	316,100
60	4/9/2024	92	7,537	4,060	5,294	315,240
61	4/9/2024	86.9	7,962	6,176	4,236	316,500
62	4/10/2024	83.8	7,232	5,871	4,762	314,740
63	4/10/2024	79	6,828	5,683	4,560	315,580
64	4/11/2024	82.1	7,240	5,362	5,239	315,200
65	4/11/2024	85.2	7,397	5,821	4,862	314,311
66	4/11/2024	78.5	6,814	5,396	5,212	316,540
67	4/12/2024	87.7	7,419	6,445	4,821	318,760

8,400	0
9,386	0
8,400	0
8,371	0
8,222	0
8,400	0
8,204	0
8,294	0
8,400	0
8,179	0
8,164	0
8,400	0
8,387	0
8,110	0
8,400	0
8,242	0
8,440	0
8,348	0
8,519	0
8,202	0
8,229	0

API 47103036110000

Farm name CONSTANCE A. TAYLOR

Well number CONSTANCE TAYLOR WTZ 210H

PRODUCING FORMATION(S)

DEPTHS

MARCELLUS

7420' TVD 7679' MD

Please insert additional pages applicable.

GAS TEST Build up Drawdown Open Flow

OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3092 psi Bottom Hole _____ psi DURATION OF TEST (hrs) _____

OPEN FLOW GAS 25,945 mcfd OIL 145 bpd NGL _____ bpd WATER 712 bpd

GAS MEASURED BY Estimate Orifice Pilot

LITHOLOGY/
FORMATION TOP
DEPTH IN FT
NAME TVD BOTTOM
DEPTH IN FT
TVD TOP DEPTH
IN FT
MD BOTTOM
DEPTH IN FT
MD DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID
(FRESH WATER, BRINE, OIL, GAS, H₂S, ETC)

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESH WATER, BRINE, OIL, GAS, H ₂ S, ETC)
SEE ATTACHMENT 3					

Please insert additional pages as applicable.

Drilling Contractor SWN DRILLING COMPANY
Address PO BOX 12359

City SPRING State TX Zip 77391-2359

Logging Company BAKER HUGHES
Address 9110 GROGANS MILL RD

City IE WOODLAND State TX Zip 77380

Cementing Company SCHLUMBERGER
Address 110 SCHLUMBERGER DRIVE

City SUGAR LAND State TX Zip 77478

Company Address SWN DRILLING COMPANY
PO BOX 12359

City SPRING State TX Zip 77391-2359

Please insert additional pages as applicable.

Completed by Denise Grantham
Signature Denise Grantham/CAP

Telephone 832.796.6139 JUN 05 2024
Title Regulatory Specialist Office Of Oil and Gas Date 6/4/24

Submital of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry



Well Name: **Constance Taylor WTZ 210H** **47103036110000**

APPROVED BY: [Signature]
 DATE: 10/25/2024
 TITLE: [Title]
 DEPARTMENT: [Department]

3/20

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)	QUANTITY AND TYPE OF FLUID
Base of Fresh Water	0.00	0.00	365.00	365.00	B
Top of Salt Water	1443.00	1439.00	NA	NA	
Pittsburgh Coal	1400.00	1396.00	1407.00	1403.00	
Pottsville (ss)	1474.00	1470.00	1548.00	1544.00	
Raven Cliff (ss)	1883.00	1875.00	2231.00	2219.00	
Big Injun (ss)	2616.00	2599.00	2833.00	2814.00	
Berea (siltstone)	3196.00	3170.00	3218.00	3193.00	
Rhinestreet (shale)	6832.00	6767.00	7146.00	7072.00	
Cashaqua (shale)	7146.00	7072.00	7282.00	7190.00	
Middlesex (shale)	7282.00	7190.00	7365.00	7255.00	
Burket (shale)	7406.00	7285.00	7445.00	7310.00	
Tully (ls)	7445.00	7310.00	7483.00	7333.00	
Mahantango (shale)	7483.00	7333.00	7679.00	7420.00	
Marcellus (shale)	7679.00	7420.00	NA	NA	GAS

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	03/16/2024
Job End Date:	04/12/2024
State:	West Virginia
County:	Wetzel
API Number:	47-103-03611-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	CONSTANCE TAYLOR WIZ 21011
Latitude:	39.654436
Longitude:	-80.679138
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7568
Total Base Water Volume (gal)*:	23450378
Total Base Non Water Volume:	80018



Water Source	Percent
Surface Water, < 1000TDS	96.80%
Produced Water	3.20%

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Base Water	Operator	Base fluid					
Excelerate LX-15	SWN Well Services	Friction Reducer					
FE-1A	SWN Well Services	Iron Control					
HAI-501	SWN Well Services	Corrosion Inhibitor					
HCL	SWN Well Services	Solvent					
MC MX 2-2822	SWN Well Services	Scale Inhibitor					
Sand	SWN Well Services	Proppant					

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Environmental Protection

10/25/2024

Tolicide 4Frac	SWN Well Services	Biocide					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	90.27198	
			Crystalline silica, quartz	14808-60-7	100.00000	9.62052	
			Complex Amine Compound	Proprietary	50.00000	0.03871	
			Hydrochloric acid	7647-01-0	15.00000	0.03538	
			Hydrotreated light petroleum distillate	64742-47-8	25.00000	0.01936	
			Surfactant	Proprietary	5.00000	0.00387	
			Quaternary Ammonium Compounds	68424-85-1	8.00000	0.00080	
			Ethoxylated alcohols	Proprietary	5.00000	0.00079	
			Acetic anhydride	108-24-7	65.00000	0.00077	
			Alkoxylated polyhydric alcohol	Proprietary	1.00000	0.00077	
			Methanol	67-56-1	60.00000	0.00075	
			Polyethylenepoly- ethoxylated phosphonomethylated sodiumsalts	70900-16-2	20.00000	0.00052	
			Acetic acid	64-19-7	35.00000	0.00042	
			Ethanol	64-17-5	3.00000	0.00027	
			Sodium chloride	7647-14-5	5.00000	0.00013	
			Modified thiourea polymer	Proprietary	30.00000	0.00011	
			Propargyl alcohol	107-19-7	5.00000	0.00002	

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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10/25/2024

Location: Wetzel County, WV
Field: Wetzel
Facility: Constance Taylor WTZ Pad

Slot: 210H
Well: Constance Taylor WTZ 210H
Wellbore: Constance Taylor WTZ 210H AWB

Plot reference wellpath is Constance Taylor WTZ 210H awp Proj: 21996'	Grid System: NAD83 / UTM Zone 17 North, US feet
True vertical depths are referenced to SDC 40 (KB)	* = Wellpath was transformed from a different geodetic datum
Reference wellpath measured depths are referenced to SDC 40 (KB)	North Reference: Grid north
SDC 40 (KB) to Mean Sea Level: 1456.2 feet	Scale: True distance
Mean Sea Level to Ground level (At Slot: 210H): -1430.2 feet	Coordinates are in feet referenced to Slot
Offset wellpath MDs are referenced to each path's default MD datum	Depths are in feet
	Created by: tranlam on 2024-02-27; Database: WA_MPL_EASTERNUS_Defn

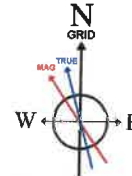
Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Constance Taylor WTZ Pad			1730676.583	14401131.208	39°39'16.6280"N	80°40'45.5230"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
210H	-65.91	48.77	1730725.330	14401065.320	39°39'15.9749"N	80°40'44.9025"W
SDC 40 (KB) to Ground level (At Slot: 210H)					26ft	
Mean Sea Level to Ground level (At Slot: 210H)					-1430.2ft	
SDC 40 (KB) to Mean Sea Level					1456.2ft	

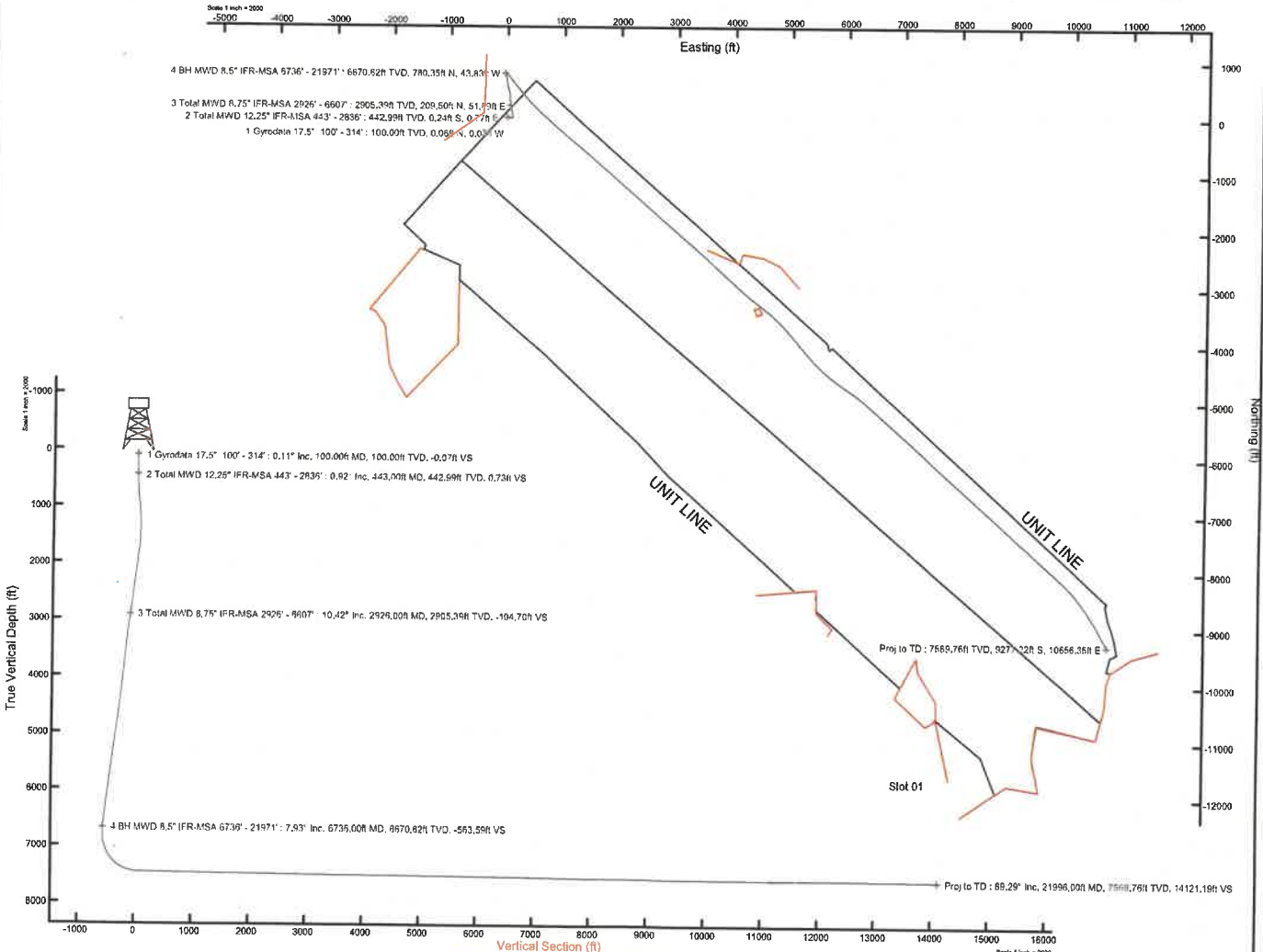
Bottom Hole Location

MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
21996.00	89.290	152.380	7569.76	-9277.22	10656.35	1741377.50	14391791.75	39°37'43.8911"N	80°38'29.1314"W

API: 47103036110000
BH JOB: 112077234
DURATION: 02.24.2024 to 02.26.2024
RIG: SDC 40



User specified Dip: 66.33° Field: 51493 nT
Magnetic North is 8.31 degrees West of True North (at 2/17/2024)
Grid North is 0.20 degrees East of True North
To correct azimuth from True to Grid subtract 0.20 degrees
To correct azimuth from Magnetic to Grid subtract 8.51 degrees



REFERENCE WELLPATH IDENTIFICATION			
Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 210H AWB
Slot	210H		

REPORT SETUP INFORMATION			
Projection System	NAD83 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Tranlam
Scale	0.999609	Report Generated	2/27/2024 at 11:23:21 AM
Convergence at slot	0.20° East	Database	WA_MPL_EASTERNUUS_Defn

WELLPATH LOCATION							
	Local coordinates			Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude	
Slot Location	-65.91	48.77	1730725.33	14401065.32	39°39'15.9749"N	80°40'44.9025"W	
Facility Reference Pt			1730676.58	14401131.21	39°39'16.6280"N	80°40'45.5230"W	
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.4780"W	

WELLPATH DATUM			
Calculation method	Minimum curvature	SDC 40 (KB) to Facility Vertical Datum	1456.20ft
Horizontal Reference Pt	Slot	SDC 40 (KB) to Mean Sea Level	1456.20ft
Vertical Reference Pt	SDC 40 (KB)	SDC 40 (KB) to Ground Level at Slot (210H)	26.00ft
MD Reference Pt	SDC 40 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	132.93°



Southwestern Energy®

Actual Wellpath Report

Constance Taylor WTZ 210H awp Proj: 21996'

Page 2 of 12



10/25/2024

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 210H AWB
Slot	210H		

WELLPATH DATA (232 stations) † = interpolated, ‡ = extrapolated station

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (ft/100ft)	Comments
0.00†	0.000	331.390	0.00	0.00	0.00	0.00	1730725.33	14401065.32	39°39'15.9749"N	80°40'44.9025"W	0.00	0.000	0.00	
26.00	0.000	331.390	26.00	0.00	0.00	0.00	1730725.33	14401065.32	39°39'15.9749"N	80°40'44.9025"W	0.00	0.000	0.00	
100.00	0.110	331.390	100.00	-0.07	0.06	-0.03	1730725.30	14401065.38	39°39'15.9755"N	80°40'44.9030"W	0.07	331.390	0.15	
200.00	0.080	38.770	200.00	-0.16	0.20	-0.04	1730725.29	14401065.52	39°39'15.9768"N	80°40'44.9030"W	0.20	349.776	0.11	
300.00	0.080	358.930	300.00	-0.22	0.33	0.01	1730725.34	14401065.65	39°39'15.9781"N	80°40'44.9024"W	0.33	1.083	0.05	
314.00	0.100	0.600	314.00	-0.23	0.35	0.01	1730725.34	14401065.67	39°39'15.9783"N	80°40'44.9024"W	0.35	1.005	0.14	
443.00	0.920	132.370	442.99	0.73	-0.24	0.77	1730726.10	14401065.08	39°39'15.9725"N	80°40'44.8927"W	0.81	107.131	0.77	
510.00	1.380	130.000	509.98	2.07	-1.12	1.79	1730727.12	14401064.20	39°39'15.9637"N	80°40'44.8797"W	2.11	122.046	0.69	
598.00	2.560	117.620	597.93	5.03	-2.71	4.34	1730729.67	14401062.61	39°39'15.9479"N	80°40'44.8471"W	5.12	121.990	1.42	
689.00	3.990	113.120	688.78	9.96	-4.90	9.05	1730734.38	14401060.42	39°39'15.9261"N	80°40'44.7870"W	10.29	118.408	1.60	
777.00	5.410	106.870	776.48	16.57	-7.30	15.84	1730741.16	14401058.02	39°39'15.9021"N	80°40'44.7003"W	17.44	114.753	1.71	
866.00	6.500	103.890	865.00	24.75	-9.73	24.75	1730750.07	14401055.59	39°39'15.8778"N	80°40'44.5866"W	26.59	111.465	1.27	
954.00	6.410	100.520	952.44	33.25	-11.82	34.41	1730759.73	14401053.50	39°39'15.8568"N	80°40'44.4631"W	36.38	108.962	0.44	
1045.00	5.390	98.890	1042.96	41.08	-13.41	43.63	1730768.94	14401051.91	39°39'15.8408"N	80°40'44.3453"W	45.64	107.087	1.14	
1135.00	5.260	96.340	1132.57	47.89	-14.52	51.90	1730777.21	14401050.81	39°39'15.8295"N	80°40'44.2396"W	53.90	105.628	0.30	
1226.00	5.670	85.380	1223.16	54.28	-14.62	60.53	1730785.84	14401050.71	39°39'15.8283"N	80°40'44.1293"W	62.27	103.577	1.23	
1317.00	5.590	70.290	1313.72	59.35	-12.76	69.18	1730794.49	14401052.56	39°39'15.8463"N	80°40'44.0186"W	70.35	100.451	1.62	
1408.00	5.050	51.250	1404.34	61.96	-8.76	76.48	1730801.78	14401056.56	39°39'15.8856"N	80°40'43.9251"W	76.98	96.533	2.02	
1500.00	5.230	25.590	1495.98	61.30	-2.44	81.45	1730806.75	14401062.88	39°39'15.9478"N	80°40'43.8613"W	81.49	91.717	2.49	
1590.00	6.080	5.650	1585.55	57.19	6.00	83.69	1730808.99	14401071.32	39°39'16.0312"N	80°40'43.8322"W	83.91	85.898	2.36	
1682.00	7.390	355.050	1676.92	49.85	16.75	83.66	1730808.96	14401082.06	39°39'16.1374"N	80°40'43.8321"W	85.32	78.681	1.96	
1774.00	9.000	351.160	1767.98	39.81	29.75	82.04	1730807.34	14401095.06	39°39'16.2660"N	80°40'43.8522"W	87.27	70.068	1.85	
1864.00	9.440	349.840	1856.81	28.38	43.97	79.66	1730804.96	14401109.28	39°39'16.4066"N	80°40'43.8820"W	90.99	61.101	0.54	
1954.00	9.230	351.090	1945.62	16.80	58.37	77.24	1730802.54	14401123.67	39°39'16.5490"N	80°40'43.9123"W	96.81	52.923	0.32	
2045.00	9.380	352.040	2035.42	5.31	72.92	75.08	1730800.38	14401138.21	39°39'16.6929"N	80°40'43.9392"W	104.67	45.836	0.24	
2135.00	9.460	348.810	2124.21	-6.38	87.44	72.63	1730797.93	14401152.73	39°39'16.8365"N	80°40'43.9699"W	113.67	39.714	0.59	
2226.00	9.370	346.710	2213.98	-18.59	101.99	69.48	1730794.78	14401167.27	39°39'16.9803"N	80°40'44.0095"W	123.40	34.264	0.39	
2318.00	8.720	345.900	2304.84	-30.67	116.04	66.06	1730791.36	14401181.31	39°39'17.1193"N	80°40'44.0526"W	133.53	29.651	0.72	
2408.00	8.300	347.850	2393.85	-41.72	129.01	63.03	1730788.33	14401194.28	39°39'17.2476"N	80°40'44.0908"W	143.58	26.039	0.57	
2498.00	8.250	354.260	2482.91	-51.89	141.78	61.02	1730786.32	14401207.05	39°39'17.3739"N	80°40'44.1159"W	154.35	23.284	1.03	



Southwestern Energy®

Actual Wellpath Report

Constance Taylor Wtz 210H awp Proj: 21996'

Page 3 of 12



10/25/2024

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor Wtz 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor Wtz Pad	Wellbore	Constance Taylor Wtz 210H AWB
Slot	210H		

WELLPATH DATA (232 stations)

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (ft/100ft)	Comments
2589.00	9.110	356.580	2572.87	-62.01	155.47	59.93	1730785.24	14401220.73	39°39'17.5092"N	80°40'44.1291"W	166.62	21.081	1.02	
2681.00	8.970	353.950	2663.73	-72.69	169.87	58.74	1730784.05	14401235.13	39°39'17.6516"N	80°40'44.1437"W	179.74	19.075	0.47	
2771.00	8.900	350.570	2752.64	-83.50	183.72	56.86	1730782.17	14401248.97	39°39'17.7885"N	80°40'44.1671"W	192.32	17.198	0.59	
2836.00	9.730	349.390	2816.78	-91.90	194.08	55.03	1730780.34	14401259.32	39°39'17.8910"N	80°40'44.1901"W	201.73	15.830	1.31	
2926.00	10.420	347.670	2905.39	-104.70	209.50	51.89	1730777.20	14401274.74	39°39'18.0435"N	80°40'44.2295"W	215.83	13.911	0.84	
3062.00	10.990	345.980	3039.02	-125.67	234.10	46.12	1730771.43	14401299.32	39°39'18.2868"N	80°40'44.3021"W	238.60	11.146	0.48	
3153.00	10.040	346.530	3128.50	-139.55	250.23	42.17	1730767.49	14401315.45	39°39'18.4463"N	80°40'44.3519"W	253.76	9.567	1.05	
3243.00	8.260	347.910	3217.35	-151.38	264.18	38.99	1730764.31	14401329.39	39°39'18.5843"N	80°40'44.3919"W	267.04	8.396	1.99	
3334.00	7.900	346.800	3307.44	-161.93	276.66	36.19	1730761.51	14401341.87	39°39'18.7078"N	80°40'44.4271"W	279.02	7.453	0.43	
3424.00	7.540	351.420	3396.63	-171.69	288.52	33.90	1730759.22	14401353.73	39°39'18.8251"N	80°40'44.4569"W	290.50	6.701	0.80	
3515.00	7.810	354.310	3486.81	-181.00	300.58	32.40	1730757.71	14401365.78	39°39'18.9443"N	80°40'44.4746"W	302.32	6.152	0.52	
3600.00	8.420	354.070	3570.96	-190.02	312.51	31.18	1730756.50	14401377.71	39°39'19.0623"N	80°40'44.4896"W	314.06	5.698	0.72	
3692.00	8.150	357.850	3662.00	-199.71	325.73	30.24	1730755.56	14401390.92	39°39'19.1929"N	80°40'44.5010"W	327.13	5.304	0.66	
3783.00	8.080	359.140	3752.09	-208.71	338.57	29.90	1730755.22	14401403.76	39°39'19.3198"N	80°40'44.5047"W	339.89	5.047	0.21	
3873.00	8.860	357.800	3841.11	-218.00	351.82	29.54	1730754.86	14401417.00	39°39'19.4508"N	80°40'44.5087"W	353.06	4.800	0.89	
4061.00	8.600	0.340	4026.93	-237.77	380.34	29.07	1730754.39	14401445.51	39°39'19.7327"N	80°40'44.5135"W	381.45	4.371	0.25	
4150.00	7.980	357.240	4115.00	-246.69	393.17	28.81	1730754.13	14401458.33	39°39'19.8595"N	80°40'44.5162"W	394.22	4.191	0.86	
4239.00	7.920	354.160	4203.15	-255.73	405.44	27.89	1730753.21	14401470.60	39°39'19.9808"N	80°40'44.5274"W	406.40	3.935	0.48	
4330.00	8.670	352.210	4293.19	-265.75	418.47	26.32	1730751.64	14401483.63	39°39'20.1096"N	80°40'44.5469"W	419.30	3.599	0.88	
4421.00	9.270	351.580	4383.08	-276.78	432.52	24.32	1730749.64	14401497.67	39°39'20.2485"N	80°40'44.5718"W	433.20	3.218	0.67	
4513.00	8.910	349.210	4473.93	-288.31	446.85	21.90	1730747.22	14401511.99	39°39'20.3902"N	80°40'44.6021"W	447.38	2.806	0.56	
4604.00	8.740	346.550	4563.85	-299.75	460.49	18.97	1730744.30	14401525.63	39°39'20.5252"N	80°40'44.6389"W	460.88	2.359	0.49	
4694.00	9.270	344.660	4652.74	-311.61	474.13	15.46	1730740.79	14401539.27	39°39'20.6601"N	80°40'44.6831"W	474.39	1.868	0.67	
4786.00	9.010	343.950	4743.57	-324.09	488.20	11.51	1730736.84	14401553.33	39°39'20.7993"N	80°40'44.7330"W	488.34	1.351	0.31	
4876.00	8.440	342.300	4832.53	-335.88	501.27	7.56	1730732.88	14401566.39	39°39'20.9285"N	80°40'44.7830"W	501.32	0.864	0.69	
4970.00	9.090	343.660	4925.43	-348.28	514.97	3.37	1730728.70	14401580.08	39°39'21.0641"N	80°40'44.8359"W	514.98	0.375	0.73	
5062.00	9.170	347.630	5016.27	-360.55	529.10	-0.25	1730725.08	14401594.21	39°39'21.2039"N	80°40'44.8815"W	529.10	359.973	0.69	
5152.00	9.260	347.470	5105.10	-372.41	543.17	-3.35	1730721.98	14401608.28	39°39'21.3431"N	80°40'44.9206"W	543.18	359.646	0.10	
5242.00	9.240	348.230	5193.93	-384.27	557.32	-6.40	1730718.94	14401622.42	39°39'21.4830"N	80°40'44.9588"W	557.35	359.342	0.14	
5331.00	9.160	348.990	5281.79	-395.83	571.26	-9.21	1730716.13	14401636.36	39°39'21.6209"N	80°40'44.9941"W	571.34	359.077	0.16	



Southwestern Energy®

Actual Wellpath Report

Constance Taylor WTZ 210H awp Proj: 21996'

Page 4 of 12



10/25/2024

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 210H AWB
Slot	210H		

WELLPATH DATA (232 stations)

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (ft/100ft)	Comments
5422.00	9.560	346.520	5371.58	-407.98	585.72	-12.35	1730712.98	14401650.81	39°39'21.7639"N	80°40'45.0337"W	585.85	358.792	0.62	
5603.00	9.060	349.540	5550.19	-431.94	614.35	-18.44	1730706.89	14401679.43	39°39'22.0471"N	80°40'45.1103"W	614.63	358.280	0.39	
5693.00	9.080	351.500	5639.07	-443.18	628.35	-20.78	1730704.56	14401693.42	39°39'22.1854"N	80°40'45.1395"W	628.69	358.106	0.34	
5784.00	9.120	352.230	5728.92	-454.38	642.59	-22.82	1730702.52	14401707.66	39°39'22.3263"N	80°40'45.1649"W	643.00	357.966	0.13	
5874.00	8.590	352.220	5817.85	-465.10	656.32	-24.69	1730700.65	14401721.38	39°39'22.4620"N	80°40'45.1882"W	656.78	357.846	0.59	
5969.00	8.420	350.740	5911.81	-476.09	670.21	-26.77	1730698.57	14401735.27	39°39'22.5994"N	80°40'45.2142"W	670.75	357.713	0.29	
6057.00	8.740	349.350	5998.82	-486.56	683.14	-29.04	1730696.30	14401748.20	39°39'22.7273"N	80°40'45.2426"W	683.76	357.566	0.43	
6149.00	9.300	347.950	6089.68	-498.27	697.28	-31.89	1730693.46	14401762.33	39°39'22.8671"N	80°40'45.2783"W	698.01	357.382	0.65	
6240.00	8.850	350.000	6179.54	-509.88	711.37	-34.64	1730690.71	14401776.41	39°39'23.0064"N	80°40'45.3129"W	712.21	357.212	0.61	
6332.00	8.780	351.810	6270.46	-520.99	725.29	-36.87	1730688.48	14401790.32	39°39'23.1441"N	80°40'45.3407"W	726.22	357.090	0.31	
6425.00	7.870	352.900	6362.48	-531.39	738.63	-38.66	1730686.68	14401803.66	39°39'23.2760"N	80°40'45.3631"W	739.64	357.004	0.99	
6516.00	7.720	353.120	6452.64	-540.84	750.88	-40.17	1730685.18	14401815.91	39°39'23.3971"N	80°40'45.3818"W	751.96	356.938	0.17	
6607.00	7.670	353.170	6542.82	-550.14	762.98	-41.62	1730683.73	14401828.00	39°39'23.5167"N	80°40'45.3998"W	764.11	356.878	0.06	
6736.00	7.930	352.310	6670.62	-563.59	780.35	-43.83	1730681.51	14401845.36	39°39'23.6884"N	80°40'45.4273"W	781.58	356.785	0.22	
6832.00	4.290	41.030	6766.12	-568.83	789.63	-42.36	1730682.98	14401854.64	39°39'23.7801"N	80°40'45.4081"W	790.76	356.929	6.28	
6928.00	5.260	116.180	6861.86	-564.74	790.39	-36.05	1730689.29	14401855.40	39°39'23.7875"N	80°40'45.3273"W	791.22	357.388	6.11	
7025.00	13.070	134.000	6957.57	-549.49	780.80	-24.15	1730701.19	14401845.81	39°39'23.6922"N	80°40'45.1756"W	781.17	358.228	8.47	
7121.00	20.950	139.390	7049.30	-521.53	760.19	-5.14	1730720.19	14401825.21	39°39'23.4879"N	80°40'44.9335"W	760.21	359.613	8.36	
7218.00	29.060	141.600	7137.14	-480.95	728.51	20.82	1730746.15	14401793.55	39°39'23.1739"N	80°40'44.6030"W	728.81	1.637	8.41	
7314.00	38.220	142.600	7216.98	-428.51	686.56	53.41	1730778.72	14401751.61	39°39'22.7581"N	80°40'44.1882"W	688.63	4.449	9.56	
7411.00	46.410	141.990	7288.64	-384.73	634.96	93.34	1730818.63	14401700.03	39°39'22.2461"N	80°40'43.6801"W	641.78	8.363	8.45	
7508.00	57.390	140.710	7348.41	-288.13	575.48	140.99	1730866.26	14401640.57	39°39'21.6572"N	80°40'43.0736"W	592.50	13.766	11.37	
7604.00	65.380	140.340	7394.35	-205.26	510.48	194.53	1730917.98	14401575.60	39°39'21.0130"N	80°40'42.3920"W	546.29	20.860	8.33	
7701.00	73.710	139.980	7428.21	-115.18	440.77	252.71	1730977.74	14401505.91	39°39'20.3220"N	80°40'41.6514"W	508.07	29.827	8.59	
7797.00	81.910	141.320	7448.47	-22.28	366.26	312.14	1731037.35	14401433.43	39°39'19.6033"N	80°40'40.8948"W	482.75	40.285	8.65	
7894.00	88.920	138.230	7456.22	73.65	294.50	374.54	1731099.73	14401359.70	39°39'18.8721"N	80°40'40.1003"W	476.46	51.823	7.89	
7990.00	88.920	136.340	7458.03	169.35	223.98	439.65	1731164.81	14401289.21	39°39'17.4899"N	80°40'39.2711"W	493.42	63.004	1.97	
8087.00	88.550	134.140	7460.17	266.25	155.12	507.93	1731233.06	14401220.38	39°39'17.4899"N	80°40'38.4013"W	531.09	73.017	2.30	
8183.00	89.110	132.290	7462.13	362.22	89.41	577.88	1731302.98	14401154.69	39°39'16.8380"N	80°40'37.5100"W	584.75	81.205	2.01	
8280.00	89.170	130.220	7463.59	459.16	25.45	650.79	1731375.86	14401090.76	39°39'16.2033"N	80°40'36.5808"W	661.29	87.760	2.13	

Actual Wellpath Report

Constance Taylor Wtz 210H awp Proj: 21996'

Page 5 of 12

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor Wtz 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor Wtz Pad	Wellbore	Constance Taylor Wtz 210H AWB
Slot	210H		

WELLPATH DATA (232 stations)

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (ft/100ft)	Comments
8376.00	89.940	131.780	7464.33	555.10	-37.52	723.24	1731448.28	14401027.81	39°39'15.5784"N	80°40'35.6574"W	724.21	92.970	1.81	
8472.00	89.510	132.280	7464.79	651.09	-101.80	794.54	1731519.56	14400963.56	39°39'14.9406"N	80°40'34.7487"W	801.04	97.301	0.69	
8569.00	89.850	131.060	7465.34	748.06	-166.28	861.00	1731591.99	14400899.10	39°39'14.3007"N	80°40'33.8253"W	882.80	100.857	1.31	
8666.00	88.710	129.910	7466.54	843.96	-228.60	940.00	1731664.97	14400836.80	39°39'13.6822"N	80°40'32.8948"W	967.40	103.669	1.69	
8762.00	88.120	130.010	7469.23	940.79	-290.88	1014.33	1731739.26	14400774.55	39°39'13.0641"N	80°40'31.9475"W	1055.21	106.001	0.62	
8858.00	90.490	129.810	7470.39	1036.65	-352.46	1087.95	1731812.85	14400713.00	39°39'12.4529"N	80°40'31.0090"W	1143.62	107.951	2.48	
8955.00	87.970	127.580	7471.69	1133.36	-413.09	1163.64	1731888.51	14400652.39	39°39'11.8510"N	80°40'30.0441"W	1234.79	109.545	3.47	
9052.00	90.460	130.260	7473.02	1230.10	-474.01	1239.09	1731963.93	14400591.49	39°39'10.6345"N	80°40'29.0823"W	1326.66	110.934	3.77	
9148.00	88.280	129.620	7474.08	1325.95	-535.64	1312.68	1732037.50	14400529.89	39°39'10.2333"N	80°40'28.1442"W	1417.76	112.198	2.37	
9244.00	88.950	130.210	7476.40	1421.79	-597.22	1386.29	1732111.08	14400468.34	39°39'10.0233"N	80°40'27.2060"W	1509.46	113.306	0.93	
9341.00	89.480	130.240	7477.73	1518.67	-659.85	1460.35	1732185.10	14400405.73	39°39'9.4016"N	80°40'26.2621"W	1602.50	114.316	0.55	
9437.00	89.420	130.090	7478.65	1614.56	-721.77	1533.71	1732258.43	14400343.84	39°39'8.7871"N	80°40'25.3271"W	1695.05	115.202	0.17	
9534.00	90.000	131.680	7479.14	1711.49	-785.26	1607.04	1732331.74	14400280.37	39°39'8.1570"N	80°40'24.3925"W	1788.63	116.042	1.74	
9631.00	89.570	131.500	7479.50	1808.46	-849.64	1679.58	1732404.25	14400216.01	39°39'7.5181"N	80°40'23.4680"W	1882.26	116.833	0.48	
9727.00	89.290	131.090	7480.46	1904.42	-912.99	1751.71	1732476.35	14400152.68	39°39'6.8894"N	80°40'22.5489"W	1975.36	117.529	0.52	
9824.00	89.780	131.690	7481.25	2001.38	-977.13	1824.48	1732549.09	14400088.58	39°39'6.2530"N	80°40'21.6215"W	2069.66	118.172	0.80	
9920.00	89.570	131.330	7481.79	2097.35	-1040.75	1896.36	1732620.95	14400024.98	39°39'5.6216"N	80°40'20.7054"W	2163.18	118.759	0.43	
10016.00	89.720	131.160	7482.39	2193.31	-1104.04	1968.54	1732693.10	14399961.71	39°39'4.9935"N	80°40'19.7856"W	2257.00	119.285	0.24	
10113.00	89.200	131.370	7483.30	2290.26	-1168.01	2041.45	1732765.98	14399897.77	39°39'4.3587"N	80°40'18.8564"W	2351.97	119.776	0.58	
10209.00	89.380	131.270	7484.49	2386.22	-1231.39	2113.55	1732838.05	14399834.41	39°39'3.7297"N	80°40'17.9377"W	2446.10	120.226	0.21	
10306.00	89.450	131.200	7485.48	2483.17	-1295.33	2186.49	1732910.96	14399770.50	39°39'3.0952"N	80°40'17.0082"W	2541.38	120.643	0.10	
10402.00	89.320	131.230	7486.51	2579.12	-1358.58	2258.70	1732983.14	14399707.28	39°39'2.4675"N	80°40'16.0879"W	2635.80	121.026	0.14	
10498.00	89.320	131.100	7487.65	2675.07	-1421.76	2330.96	1733055.38	14399644.12	39°39'1.8404"N	80°40'15.1670"W	2730.35	121.381	0.14	
10595.00	89.290	131.160	7488.83	2772.01	-1485.56	2404.02	1733128.41	14399580.34	39°39'1.2073"N	80°40'14.2360"W	2825.99	121.714	0.07	
10692.00	89.320	131.390	7490.00	2868.96	-1549.54	2476.92	1733201.27	14399516.39	39°39'0.5723"N	80°40'13.3071"W	2921.68	122.030	0.24	
10788.00	89.350	131.240	7491.12	2964.92	-1612.92	2549.02	1733273.34	14399453.04	39°38'59.9433"N	80°40'12.3883"W	3016.45	122.324	0.16	
10885.00	89.290	131.420	7492.27	3061.88	-1676.97	2621.85	1733346.15	14399389.01	39°38'59.3077"N	80°40'11.4601"W	3112.29	122.604	0.20	
10981.00	89.420	131.270	7493.35	3157.83	-1740.38	2693.92	1733418.19	14399325.62	39°38'58.6783"N	80°40'10.5418"W	3207.20	122.864	0.21	
11078.00	89.290	131.190	7494.44	3254.78	-1804.31	2766.86	1733491.11	14399261.72	39°38'58.0439"N	80°40'9.6122"W	3303.19	123.109	0.16	
11174.00	89.780	131.470	7495.22	3350.74	-1867.71	2838.95	1733563.16	14399198.35	39°38'57.4148"N	80°40'8.6936"W	3398.23	123.340	0.59	

Actual Wellpath Report

Constance Taylor Wtz 210H awp Proj: 21996'

Page 6 of 12

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor Wtz 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor Wtz Pad	Wellbore	Constance Taylor Wtz 210H AWB
Slot	210H		

WELLPATH DATA (232 stations)

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (°/100ft)	Comments
11270.00	89.510	131.460	7495.81	3446.71	-1931.27	2910.89	1733635.07	14399134.80	39°38'56.7839"N	80°40'7.7770"W	3493.29	123.563	0.28	
11367.00	89.200	131.330	7496.91	3543.67	-1995.41	2983.65	1733707.81	1439970.69	39°38'56.1474"N	80°40'6.8498"W	3589.40	123.774	0.35	
11464.00	89.480	131.050	7498.02	3640.62	-2059.29	3056.64	1733780.77	14399006.84	39°38'55.5135"N	80°40'5.9197"W	3685.61	123.969	0.41	
11560.00	89.750	131.190	7498.67	3736.57	-2122.42	3128.96	1733853.06	14398943.74	39°38'54.8869"N	80°40'4.9981"W	3780.88	124.150	0.32	
11657.00	89.420	130.930	7499.37	3833.51	-2186.13	3202.09	1733926.17	14398880.05	39°38'54.2546"N	80°40'4.0661"W	3877.19	124.322	0.43	
11754.00	89.720	131.360	7500.10	3930.46	-2249.95	3275.14	1733999.18	14398816.25	39°38'53.6212"N	80°40'3.1353"W	3973.51	124.488	0.54	
11851.00	89.200	131.020	7501.01	4027.41	-2313.83	3348.13	1734072.14	14398752.40	39°38'52.9872"N	80°40'2.2052"W	4069.86	124.648	0.64	
11947.00	89.690	131.320	7501.94	4123.36	-2377.02	3420.39	1734144.38	14398689.23	39°38'52.3600"N	80°40'1.2844"W	4165.25	124.798	0.60	
12043.00	89.940	132.940	7502.25	4219.35	-2441.42	3491.58	1734215.54	14398624.86	39°38'51.7210"N	80°40'0.3773"W	4260.48	124.962	1.71	
12140.00	89.660	132.350	7502.59	4316.35	-2507.13	3562.93	1734286.86	14398559.18	39°38'51.0690"N	80°39'59.4683"W	4356.63	125.133	0.67	
12236.00	89.720	132.110	7503.11	4412.34	-2571.65	3634.01	1734357.92	14398494.68	39°38'50.4287"N	80°39'58.5627"W	4451.90	125.286	0.26	
12333.00	89.690	132.030	7503.61	4509.33	-2636.64	3706.02	1734429.89	14398429.71	39°38'49.7837"N	80°39'57.6452"W	4548.24	125.430	0.09	
12430.00	89.350	131.920	7504.42	4606.31	-2701.52	3778.13	1734501.98	14398364.87	39°38'49.1400"N	80°39'56.7265"W	4644.62	125.566	0.37	
12527.00	89.750	132.150	7505.19	4703.29	-2766.46	3850.17	1734573.99	14398299.94	39°38'48.4955"N	80°39'55.8086"W	4741.01	125.698	0.48	
12623.00	89.320	132.070	7505.96	4799.28	-2830.83	3921.39	1734645.18	14398235.60	39°38'47.8567"N	80°39'54.9012"W	4836.42	125.825	0.46	
12720.00	90.400	131.240	7506.20	4896.25	-2895.30	3993.86	1734717.62	14398171.15	39°38'47.2169"N	80°39'53.9778"W	4932.92	125.940	1.40	
12816.00	89.850	132.280	7505.99	4992.23	-2959.24	4065.47	1734789.20	14398107.24	39°38'46.5824"N	80°39'53.0654"W	5028.43	126.051	1.23	
12913.00	90.220	132.470	7505.93	5089.23	-3024.61	4137.13	1734860.83	14398041.89	39°38'45.9336"N	80°39'52.1525"W	5124.85	126.170	0.43	
13010.00	89.230	129.860	7506.40	5186.17	-3088.46	4210.14	1734933.82	14397978.08	39°38'45.3000"N	80°39'51.2221"W	5221.48	126.263	2.88	
13106.00	89.820	130.190	7507.19	5282.04	-3150.19	4283.65	1735007.30	14397916.36	39°38'44.6871"N	80°39'50.2853"W	5317.27	126.331	0.70	
13203.00	89.450	128.160	7507.81	5378.83	-3211.46	4358.85	1735082.46	14397855.12	39°38'44.0788"N	80°39'49.3270"W	5414.15	126.382	2.13	
13299.00	89.050	127.780	7509.07	5474.46	-3270.52	4434.52	1735158.11	14397796.08	39°38'43.4924"N	80°39'48.3625"W	5510.11	126.409	0.57	
13396.00	89.080	128.270	7510.65	5571.79	-3330.27	4510.92	1735234.48	14397736.36	39°38'42.8991"N	80°39'47.3887"W	5607.05	126.437	0.51	
13492.00	89.600	128.300	7511.76	5666.77	-3389.74	4586.27	1735309.80	14397676.91	39°38'42.3085"N	80°39'46.4283"W	5703.00	126.468	0.54	
13589.00	89.420	129.900	7512.59	5763.55	-3450.91	4661.54	1735385.04	14397615.76	39°38'41.7012"N	80°39'45.4690"W	5799.89	126.512	1.66	
13686.00	89.570	132.580	7513.44	5860.49	-3514.85	4734.47	1735457.94	14397551.85	39°38'41.0666"N	80°39'44.5398"W	5896.55	126.590	2.77	
13782.00	89.880	134.250	7513.90	5956.48	-3580.82	4804.20	1735527.64	14397485.90	39°38'40.4120"N	80°39'43.6515"W	5991.88	126.699	1.77	
13879.00	89.720	135.630	7514.24	6053.42	-3649.34	4872.86	1735596.28	14397417.42	39°38'39.7323"N	80°39'42.7771"W	6087.89	126.830	1.43	
13975.00	89.690	137.360	7514.74	6149.23	-3718.96	4938.94	1735662.33	14397347.82	39°38'39.0417"N	80°39'41.9357"W	6182.54	126.979	1.80	
14072.00	89.480	139.730	7515.44	6245.76	-3791.66	5003.15	1735726.52	14397275.15	39°38'38.3209"N	80°39'41.1184"W	6277.60	127.157	2.45	

Actual Wellpath Report

Constance Taylor Wtz 210H awp Proj: 21996'

Page 7 of 12

REFERENCE WELLPATH IDENTIFICATION

Operator	SWM PRODUCTION COMPANY, LLC	Well	Constance Taylor Wtz 210H
Field	Wetzel	API	4710303611000
Facility	Constance Taylor Wtz Pad	Wellbore	Constance Taylor Wtz 210H AWB
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WELLPATH DATA (232 stations)

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (ft/100ft)	Comments
14168.00	89.200	139.120	7516.54	6341.13	-3864.57	5065.59	1735788.93	14397202.27	39°38'37.5980"N	80°39'40.3237"W	6371.43	127.340	0.70	
14265.00	89.630	139.280	7517.53	6437.55	-3937.99	5128.97	1735852.29	14397128.87	39°38'36.8700"N	80°39'39.5171"W	6466.38	127.517	0.47	
14361.00	89.290	139.600	7518.44	6532.92	-4010.92	5191.39	1735914.68	14397055.97	39°38'36.1469"N	80°39'38.7226"W	6560.34	127.690	0.49	
14457.00	89.780	139.490	7519.22	6628.28	-4083.97	5253.68	1735976.95	14396982.96	39°38'35.4227"N	80°39'37.9299"W	6654.32	127.860	0.52	
14554.00	89.570	139.480	7519.77	6724.64	-4157.71	5316.69	1736039.94	14396909.24	39°38'34.6916"N	80°39'37.1280"W	6749.35	128.026	0.22	
14650.00	89.510	137.520	7520.54	6820.18	-4229.60	5380.30	1736103.52	14396837.38	39°38'33.9787"N	80°39'36.3184"W	6843.77	128.172	2.04	
14746.00	89.140	135.630	7521.67	6915.98	-4299.32	5446.28	1736169.47	14396767.69	39°38'33.2872"N	80°39'35.4783"W	6938.74	128.288	2.01	
14842.00	89.540	133.160	7522.78	7011.93	-4366.47	5514.87	1736238.03	14396700.56	39°38'32.6210"N	80°39'34.6048"W	7034.19	128.371	2.61	
14939.00	89.080	132.360	7523.94	7108.92	-4432.32	5586.08	1736309.22	14396634.74	39°38'31.9675"N	80°39'33.6977"W	7130.90	128.431	0.95	
15035.00	89.540	130.250	7525.10	7204.87	-4495.68	5658.19	1736381.29	14396571.41	39°38'31.3387"N	80°39'32.7790"W	7226.77	128.469	2.25	
15131.00	89.420	127.790	7525.97	7300.64	-4556.11	5732.76	1736455.84	14396511.00	39°38'30.7386"N	80°39'31.8286"W	7322.75	128.476	2.57	
15228.00	89.630	126.290	7526.78	7397.12	-4614.54	5810.18	1736533.23	14396452.59	39°38'30.1583"N	80°39'30.8418"W	7419.72	128.457	1.56	
15324.00	88.740	124.170	7528.14	7492.24	-4669.91	5888.59	1736611.61	14396397.25	39°38'29.6081"N	80°39'29.8422"W	7515.55	128.416	2.39	
15421.00	89.320	124.490	7529.78	7588.13	-4724.60	5968.68	1736691.67	14396342.57	39°38'29.0646"N	80°39'28.8211"W	7612.29	128.364	0.68	
15517.00	89.450	124.560	7530.81	7683.10	-4779.01	6047.77	1736770.72	14396288.19	39°38'28.5239"N	80°39'27.8128"W	7708.08	128.316	0.15	
15613.00	89.600	124.550	7531.61	7778.07	-4833.46	6126.83	1736849.75	14396233.76	39°38'27.9828"N	80°39'26.8048"W	7803.87	128.270	0.16	
15710.00	89.540	126.290	7532.34	7874.23	-4889.67	6205.87	1736928.76	14396177.57	39°38'27.4243"N	80°39'25.7972"W	7900.74	128.235	1.79	
15806.00	89.600	128.420	7533.06	7969.77	-4947.92	6282.17	1737005.04	14396119.35	39°38'26.8458"N	80°39'24.8246"W	7996.72	128.224	2.22	
15903.00	89.510	130.180	7533.81	8066.57	-5009.35	6357.23	1737080.06	14396057.94	39°38'26.2358"N	80°39'23.8682"W	8093.70	128.237	1.82	
15999.00	89.230	130.870	7534.87	8162.48	-5071.73	6430.20	1737153.00	14395995.59	39°38'25.6166"N	80°39'22.9385"W	8189.62	128.264	0.78	
16096.00	89.480	130.950	7535.96	8259.41	-5135.24	6503.50	1737226.28	14395932.09	39°38'24.9861"N	80°39'22.0046"W	8286.51	128.295	0.27	
16192.00	89.450	131.890	7536.86	8355.37	-5198.75	6575.48	1737298.23	14395868.61	39°38'24.3557"N	80°39'21.0876"W	8382.36	128.331	0.98	
16289.00	89.230	132.210	7537.97	8452.35	-5263.72	6647.51	1737370.23	14395803.67	39°38'23.7110"N	80°39'20.1701"W	8479.15	128.373	0.40	
16386.00	89.230	131.770	7539.28	8549.39	-5328.60	6719.60	1737442.29	14395738.81	39°38'23.0670"N	80°39'19.2518"W	8575.95	128.414	0.45	
16482.00	88.770	131.440	7540.95	8645.29	-5392.34	6791.37	1737516.32	14395675.10	39°38'22.4344"N	80°39'18.3375"W	8671.79	128.450	0.59	
16579.00	89.380	132.130	7542.52	8742.26	-5456.96	6863.69	1737586.33	14395610.50	39°38'21.7930"N	80°39'17.4163"W	8768.62	128.486	0.95	
16675.00	89.290	131.850	7543.63	8838.24	-5521.18	6935.04	1737657.64	14395546.31	39°38'21.1566"N	80°39'16.5074"W	8864.43	128.524	0.31	
16771.00	89.230	131.770	7544.87	8934.21	-5585.18	7006.58	1737729.16	14395482.34	39°38'20.5204"N	80°39'15.5960"W	8960.27	128.559	0.10	
16868.00	89.140	131.970	7546.25	9031.19	-5649.91	7078.81	1737801.36	14395417.63	39°38'19.8779"N	80°39'14.6760"W	9057.10	128.595	0.23	
16964.00	89.200	131.010	7547.64	9127.14	-5713.50	7150.71	1737873.23	14395354.06	39°38'19.2467"N	80°39'13.7600"W	9152.97	128.625	1.00	

Actual Wellpath Report

Constance Taylor Wtz 210H awp Proj: 21996'

Page 8 of 12

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor Wtz 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor Wtz Pad	Wellbore	Constance Taylor Wtz 210H AWB
Slot	210H		

WELLPATH DATA (232 stations)

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (%/100ft)	Comments
17061.00	89.450	132.190	7548.79	9224.11	-5777.90	7223.24	1737945.73	14395289.69	39°38'18.6075"N	80°39'12.8361"W	9249.83	128.656	1.24	
17158.00	89.050	132.100	7550.06	9321.09	-5842.98	7295.16	1738017.62	14395224.63	39°38'17.9616"N	80°39'11.9201"W	9346.64	128.693	0.42	
17255.00	89.510	131.760	7551.27	9418.07	-5907.79	7367.31	1738089.75	14395159.85	39°38'17.3183"N	80°39'11.0009"W	9443.48	128.726	0.59	
17351.00	89.780	132.120	7551.87	9514.05	-5971.95	7438.72	1738161.13	14395095.71	39°38'16.6815"N	80°39'10.0913"W	9539.33	128.758	0.47	
17448.00	89.630	132.650	7552.37	9611.05	-6037.34	7510.37	1738232.75	14395030.35	39°38'16.0325"N	80°39'9.1788"W	9636.13	128.795	0.57	
17544.00	90.580	132.390	7552.19	9707.04	-6102.22	7581.12	1738303.48	14394965.50	39°38'15.3886"N	80°39'8.2776"W	9731.93	128.831	1.03	
17641.00	89.690	131.880	7551.96	9804.03	-6167.29	7653.05	1738375.38	14394900.45	39°38'14.7427"N	80°39'7.3614"W	9828.77	128.864	1.06	
17738.00	90.250	132.410	7552.02	9901.02	-6232.38	7724.97	1738447.27	14394835.39	39°38'14.0967"N	80°39'6.4453"W	9925.61	128.896	0.79	
17834.00	89.850	131.890	7551.93	9997.01	-6296.80	7796.15	1738518.41	14394770.99	39°38'13.4573"N	80°39'5.5387"W	10021.46	128.927	0.68	
17930.00	89.600	131.950	7552.39	10093.00	-6360.94	7867.58	1738589.82	14394706.88	39°38'12.8207"N	80°39'4.6289"W	10117.33	128.956	0.27	
18027.00	89.420	131.710	7553.22	10189.98	-6425.63	7939.85	1738662.06	14394642.21	39°38'12.1787"N	80°39'3.7083"W	10214.20	128.983	0.31	
18124.00	89.880	131.860	7553.81	10286.95	-6490.26	8012.18	1738734.36	14394577.61	39°38'11.5311"N	80°39'2.7870"W	10311.09	129.009	0.50	
18220.00	89.450	132.210	7554.38	10382.94	-6554.54	8083.48	1738805.63	14394513.35	39°38'10.8991"N	80°39'1.8788"W	10406.95	129.037	0.58	
18316.00	89.570	131.470	7555.20	10478.92	-6618.58	8155.00	1738877.12	14394449.34	39°38'10.2635"N	80°39'0.9679"W	10502.83	129.063	0.78	
18413.00	89.660	131.990	7555.85	10575.89	-6683.14	8227.39	1738949.48	14394384.80	39°38'9.6227"N	80°39'0.0458"W	10599.73	129.087	0.54	
18509.00	89.750	131.810	7556.34	10671.88	-6747.25	8298.84	1739020.91	14394320.72	39°38'8.9863"N	80°38'59.1357"W	10695.61	129.112	0.21	
18606.00	89.480	131.890	7556.99	10768.86	-6811.97	8371.09	1739093.13	14394256.03	39°38'8.3440"N	80°38'58.2154"W	10792.50	129.137	0.29	
18703.00	89.880	132.310	7557.54	10865.85	-6877.00	8443.06	1739165.08	14394191.02	39°38'7.6985"N	80°38'57.2988"W	10889.37	129.163	0.60	
18799.00	90.430	131.530	7557.28	10961.83	-6941.13	8514.49	1739236.48	14394126.91	39°38'7.0619"N	80°38'56.3890"W	10985.26	129.187	0.99	
18895.00	89.110	131.650	7557.66	11057.80	-7004.85	8586.29	1739308.25	14394063.22	39°38'6.4294"N	80°38'55.4744"W	11081.17	129.208	1.38	
18992.00	90.430	131.940	7558.05	11154.78	-7069.50	8658.60	1739380.53	14393998.60	39°38'5.7877"N	80°38'54.5534"W	11178.07	129.231	1.39	
19088.00	90.000	131.960	7557.69	11250.76	-7133.67	8730.00	1739451.90	14393934.45	39°38'5.1507"N	80°38'53.6440"W	11273.96	129.254	0.45	
19185.00	90.060	131.870	7557.64	11347.75	-7198.47	8802.12	1739524.06	14393869.67	39°38'4.5075"N	80°38'52.7247"W	11370.86	129.276	0.11	
19282.00	90.520	132.170	7557.15	11444.73	-7263.40	8874.24	1739596.09	14393804.77	39°38'3.8630"N	80°38'51.8069"W	11467.75	129.300	0.57	
19378.00	89.940	132.410	7556.76	11540.73	-7328.00	8945.26	1739667.08	14393740.20	39°38'3.2219"N	80°38'50.9024"W	11563.62	129.324	0.65	
19475.00	89.820	131.280	7556.97	11637.71	-7392.71	9017.52	1739739.31	14393675.52	39°38'2.5726"N	80°38'49.9821"W	11660.52	129.345	1.17	
19571.00	90.740	131.090	7556.50	11733.66	-7455.92	9089.76	1739811.52	14393612.33	39°38'1.9520"N	80°38'49.0618"W	11756.47	129.360	0.98	
19765.00	90.150	132.190	7554.99	11927.60	-7584.82	9234.74	1739956.44	14393483.48	39°38'0.6725"N	80°38'47.2153"W	11950.31	129.397	0.64	
19861.00	90.090	131.910	7554.79	12023.59	-7649.12	9306.03	1740027.70	14393419.21	39°38'0.0343"N	80°38'46.3074"W	12046.21	129.419	0.30	
19958.00	90.000	131.890	7554.71	12120.58	-7713.90	9378.22	1740099.87	14393354.45	39°37'59.3913"N	80°38'45.3879"W	12143.12	129.438	0.10	



Southwestern Energy®

Actual Wellpath Report

Constance Taylor WTZ 210H awp Proj: 21996'
Page 9 of 12



10/25/2024

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 210H AWB
Slot	210H		

WELLPATH DATA (232 stations) † = interpolated, ‡ = extrapolated station

MD	Inclination [°]	Azimuth [°]	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir [°]	DLS [°/100ft]	Comments
20054.00	89.820	132.020	7554.86	12216.56	-7778.08	9449.62	17401771.24	14393290.30	39°37'58.7542"N	80°38'44.4786"W	12239.02	129.458	0.23	
20151.00	89.720	131.870	7555.25	12313.55	-7842.91	9521.76	17402243.35	14393225.49	39°37'58.1106"N	80°38'43.5598"W	12335.93	129.478	0.19	
20248.00	89.630	131.820	7555.80	12410.53	-7907.62	9594.02	1740315.58	14393160.80	39°37'57.4683"N	80°38'42.6395"W	12432.85	129.496	0.11	
20344.00	89.510	132.050	7556.52	12506.51	-7971.77	9665.43	1740386.97	14393096.68	39°37'56.8315"N	80°38'41.7300"W	12528.76	129.515	0.27	
20441.00	89.660	131.740	7557.23	12603.49	-8036.55	9737.64	1740459.14	14393031.93	39°37'56.1886"N	80°38'40.8104"W	12625.67	129.533	0.36	
20537.00	89.600	131.720	7557.85	12699.47	-8100.44	9809.28	1740530.76	14392968.06	39°37'55.5543"N	80°38'39.8980"W	12721.60	129.550	0.07	
20634.00	90.120	134.020	7558.08	12796.46	-8166.43	9880.36	1740601.81	14392902.09	39°37'54.8993"N	80°38'38.9927"W	12818.43	129.575	2.43	
20730.00	89.780	135.520	7558.17	12892.41	-8234.04	9948.52	1740669.94	14392834.51	39°37'54.2285"N	80°38'38.1251"W	12914.04	129.613	1.60	
20827.00	89.480	137.340	7558.79	12989.22	-8304.31	10015.37	1740736.77	14392764.27	39°37'53.5314"N	80°38'37.2742"W	13010.35	129.664	1.90	
20924.00	90.150	139.390	7559.11	13085.78	-8376.81	10079.81	1740801.18	14392691.80	39°37'52.8124"N	80°38'36.4543"W	13106.24	129.728	2.22	
21020.00	89.510	141.220	7559.39	13180.98	-8450.67	10141.12	1740862.47	14392617.97	39°37'52.0800"N	80°38'35.6744"W	13200.61	129.805	2.02	
21116.00	89.420	143.110	7560.29	13275.73	-8526.48	10200.00	1740921.33	14392542.18	39°37'51.3285"N	80°38'34.9257"W	13294.40	129.893	1.97	
21213.00	89.780	142.930	7560.97	13371.22	-8603.97	10258.35	1740979.65	14392464.73	39°37'50.5604"N	80°38'34.1839"W	13388.88	129.988	0.41	
21309.00	89.450	145.710	7561.61	13465.32	-8681.94	10314.34	1741035.62	14392386.79	39°37'49.7876"N	80°38'33.4723"W	13481.90	130.089	2.92	
21406.00	89.140	147.160	7562.80	13559.63	-8762.76	10367.96	1741089.22	14392306.00	39°37'48.9868"N	80°38'32.7911"W	13575.00	130.204	1.53	
21502.00	89.380	149.050	7564.04	13652.27	-8844.25	10418.68	1741139.91	14392224.54	39°37'48.1794"N	80°38'32.1470"W	13666.37	130.327	1.98	
21599.00	89.750	151.250	7564.78	13744.91	-8928.38	10466.95	1741188.17	14392140.45	39°37'47.3461"N	80°38'31.5343"W	13757.65	130.464	2.30	
21695.00	89.260	151.210	7565.61	13836.06	-9012.52	10513.15	1741234.36	14392056.34	39°37'46.5127"N	80°38'30.9481"W	13847.48	130.605	0.51	
21792.00	89.110	150.530	7566.99	13928.33	-9097.24	10560.37	1741281.55	14391971.65	39°37'45.6735"N	80°38'30.3490"W	13938.48	130.743	0.72	
21889.00	89.230	152.350	7568.40	14020.30	-9182.43	10606.73	1741327.90	14391886.50	39°37'44.8298"N	80°38'29.7607"W	14029.25	130.883	1.88	
21971.00	89.290	152.380	7569.45	14097.62	-9255.07	10644.77	1741365.92	14391813.89	39°37'44.1105"N	80°38'29.2783"W	14105.58	131.005	0.08	
21996.00	89.290	152.380	7569.76	14121.19	-9277.22	10656.35	1741377.50	14391791.75	39°37'43.8911"N	80°38'29.1314"W	14128.86	131.042	0.00	



Southwestern Energy®

Actual Wellpath Report

Constance Taylor WTZ 210H awp Proj: 21996'

Page 10 of 12



10/25/2024

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 210H AWB
Slot	210H		

HOLE & CASING SECTIONS - Ref Wellbore: Constance Taylor WTZ 210H AWB

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.375in Casing	26.00	314.00	288.00	26.00	314.00	0.00	0.00	0.35	0.01
9.625in Casing	26.00	2836.00	2810.00	26.00	2816.78	0.00	0.00	194.08	55.03

Ref Wellpath: Constance Taylor WTZ 210H awp Proj: 21996'



Southwestern Energy®

Actual Wellpath Report

Constance Taylor WTZ 210H awp Proj: 21996'

Page 11 of 12



10/25/2024

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 210H AWB
Slot	210H		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Constance Taylor WTZ 210H LP rev 7	7453.00	308.08	360.04	1731085.23	14401373.28	39°39'19.0068"N	80°40'40.2852"W	point
Constance Taylor WTZ 210H wp1 rev2	7469.10	-874.24	1691.37	1732416.04	14400191.42	39°39'7.2745"N	80°40'23.3185"W	point
Constance Taylor WTZ 210H wp2 rev2	7500.10	-3026.46	4121.94	1734845.65	14398040.05	39°38'45.9159"N	80°39'52.3468"W	point
Constance Taylor WTZ 210H wp3 rev2	7503.10	-3311.60	4474.95	1735198.52	14397755.02	39°38'43.0849"N	80°39'47.8476"W	point
Constance Taylor WTZ 210H wp3 rev3	7503.10	-4338.89	5482.44	1736205.61	14396728.13	39°38'32.8948"N	80°39'35.0180"W	point
Constance Taylor WTZ 210H g	7524.10	-6865.75	8445.38	1739167.40	14394202.27	39°38'7.8096"N	80°38'57.2685"W	point
Constance Taylor WTZ 210H h	7537.10	-8324.37	10085.70	1740807.07	14392744.22	39°37'53.3304"N	80°38'36.3763"W	point
Constance Taylor WTZ 210H BHL rev8	7544.10	-9274.69	10659.33	1741380.48	14391794.27	39°37'43.9159"N	80°38'29.0932"W	point



Actual Wellpath Report

Constance Taylor WTZ 210H awp Proj: 21996'
Page 12 of 12



10/25/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 210H
Field	Wetzel	API	47103036110000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 210H AWB
Slot	210H		

WELLPATH COMPOSITION - Ref Wellbore: Constance Taylor WTZ 210H AWB Ref Wellpath: Constance Taylor WTZ 210H awp Proj: 21996'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
26.00	314.00	Gyrodota 2015 - GC+WIR+DPPIPE	1 Gyrodota 17.5" 100' - 314'	Constance Taylor WTZ 210H AWB	2/21/2024
314.00	2836.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	2 Total MWD 12.25" IFR-MSA 443' - 2836'	Constance Taylor WTZ 210H AWB	2/21/2024
2836.00	6607.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	3 Total MWD 8.75" IFR-MSA 2926' - 6607'	Constance Taylor WTZ 210H AWB	2/21/2024
6607.00	21996.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	4 BH MWD 8.5" IFR-MSA 6736' - 21971'	Constance Taylor WTZ 210H AWB	2/21/2024

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Constance Taylor WTZ 10H wp8	7532.10	-9334.30	9785.82	1740501.37	14391742.73	39°37'43.4409"N	80°38'40.3357"W	point
Constance Taylor WTZ 10H wp9	7534.10	-9596.50	9982.15	1740897.62	14391480.63	39°37'40.8419"N	80°38'37.8398"W	point
Constance Taylor WTZ 10H wp10	7535.10	-9779.99	10105.70	1740821.12	14391297.21	39°37'39.0237"N	80°38'36.2701"W	point
Constance Taylor WTZ 10H BHL rev 5	7540.00	-10220.08	10461.47	1741176.75	14390857.29	39°37'34.6603"N	80°38'31.7456"W	point

WR-36
Rev. 5/08

Date: 6/3/2024

Operators Well Number: CONSTANCE TAYLOR Wtz 210H

API Well No: 47-103 - 03611

**State of West Virginia
Department of Environmental Protection
Office of Oil and Gas**

**Well Operator's Report of
Initial Gas-Oil Ratio**

Well Operator SWN PRODUCTION COMPANY LLC

Designated Agent _____

Address PO BOX 12359

Address _____

SPRING, TX 77391-2359

Geological Target Formation: MARCELLUS

Depth ^{7569' TVD / 21996' MD} _____ feet
Perforation Interval ^{7814' / 21899'} _____ feet

Guidelines for testing:

1. A minimum of gas vented or flared.
2. A 24 hour pre-flow into pipelines or tanks.
3. Uniform producing rate during the 24 hour test per test period.
4. Measurement standards as for Form WR-39, "Report of Annual Production" (see 35CSR4-15)
5. Separate Form WR-36 for each producing formation in a multiple completion.

TEST DATA

Start of Test Date 5/25/2024	Time 12:00am	End of Test Date 5/26/2024	Time 12:00am	Duration of Test 24 hrs
Tubing Pressure n/a	Casing Pressure 2420 psi	Separator Pressure 479 psi	Separator Temperature 73 degF	
Oil Production During Test 145	BBLs	Gas Production During Test 25945	MCF	Water Production During Test 712
Oil Gravity 68	API	Producing Method (flowing, pumping, gas lift etc.) free flowing up casing		
-Salinity				
BBLs 160,000 ppm				

GAS PRODUCTION

Measurement Method Flange Tap <input checked="" type="checkbox"/> Pipe Tap <input type="checkbox"/> L-10 <input type="checkbox"/>		Positive Choke <input checked="" type="checkbox"/>
Orifice diameter 3"		Positive flow prover <input type="checkbox"/>
Pipe Diameter (inside) 3"		Nominal Choke Size inches 44/64ths
Differential Pressure range 367 - 451"	Max. Static pressure range 480 psi	Prover and Orifice diameter - inches 3"
Differential 410"	Static 479 psi	
Gas Gravity (Air = 1.0) Measured _____ Estimated 0.68	Flowing Temperature 73 degF	Gas Temperature 73 degF
24 Hour Coefficient 1	24 Hour coefficient pressure PSIA 14.65	

TEST RESULTS

Daily Oil 145	Daily Water 712	Daily Gas 25945	Gas-Oil Ratio 178 mcf/bbl
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Denise Grantham / CAP
Well Operator

BY DENISE GRANTHAM

ITS: DESIGNATED REPRESENTATIVE

6/4/24

10/25/2024

LATITUDE: 39°40'00" SURFACE HOLE (2000' SCALE) | 3,521'

LATITUDE: 39°40'00" BOTTOM HOLE (2000' SCALE)

4620'



60011 Vineyard Road
St. Clairsville, Ohio 43080
740-866-8100

WELL LAYOUT



CONSTANCE TAYLOR WTZ
210H NTS

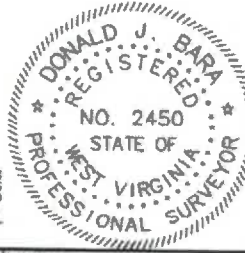
NOTES ON SURVEY:

- COORDINATE SYSTEM IS UTM AND 83 DATUM, ZONE 17, U.S. FEET AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS
- SURFACE AND ROYALTY OWNED INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS
- THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON
- NO CHALLENGES OR OBJECTIONS WITHIN 625 FEET OF PROPOSED CENTER OF HOLE
- NO PERMANENT STREAMS, LINES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE
- NO NATURALLY PRODUCING TIGHT STRATA WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL

LINE	BEARING	DISTANCE
L1	N29°57'34"E	988.83'
L2	N59°37'46"E	1382.20'



SURFACE HOLE LOCATION (SHL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389453.49 EASTING: 527526.14
LANDING POINT LOCATION (LPL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389480.73 EASTING: 527702.20
BOTTOM HOLE LOCATION (BHL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389925.90 EASTING: 530772.83
SURFACE HOLE LOCATION (SHL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389453.49 EASTING: 527526.14
LANDING POINT LOCATION (LPL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389547.36 EASTING: 527635.83
BOTTOM HOLE LOCATION (BHL)
UTM (NAD83, ZONE 17, METERS): NORTHING: 4386627.67 EASTING: 530773.83



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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** SWN A-V[®]
Production Company LLC 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)

CONSTANCE TAYLOR WTZ
OPERATOR'S WELL #: 210H
API WELL #: 47 103 03611
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
WATERSHED: UPPER OHIO SOUTH
DISTRICT: PROCTOR COUNTY: WETZEL
SURFACE OWNER: CONSTANCE A. TAYLOR ELEVATION: 1430.1'
OIL & GAS ROYALTY OWNER: CONSTANCE A. TAYLOR QUADRANGLE: WILEYVILLE, WV
ACREAGE: ±43.5
ACREAGE: ±43.5
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
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,570' TVD 71,966' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPOINT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITANNY WOODY
ADDRESS: 1300 FORT PIERPOINT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:

○ EXISTING BOTTOM HOLE	— ACCESS ROAD
⊙ EXISTING / PROPOSED WELLSHEAD	— PUBLIC ROAD
LPL IN EXISTING LANDING POINT LOCATION	— FLOOD PLAIN
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— LEASE BOUNDARY
LPL IN PROPOSED LANDING POINT LOCATION	— AS-DRIILLED PATH
	— PROPOSED PATH

REVISIONS:

NO.	DATE	DESCRIPTION
1	03-12-2024	DATE: 03-12-2024
2	03-12-2024	API NO: 47-103-03611
3	03-12-2024	DRAWN BY: Z. WOOD
4	03-12-2024	SCALE: 1" = 2000'
5	03-12-2024	DRAWING NO: 2020-0557
6	03-12-2024	WELL LOCATION PLAT

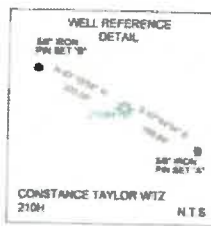
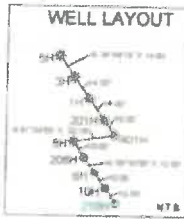
LATITUDE: 39°40'00" SURFACE HOLE (2000' SCALE) | 3.521"

LATITUDE: 39°40'00" BOTTOM HOLE (2000' SCALE)

4620'

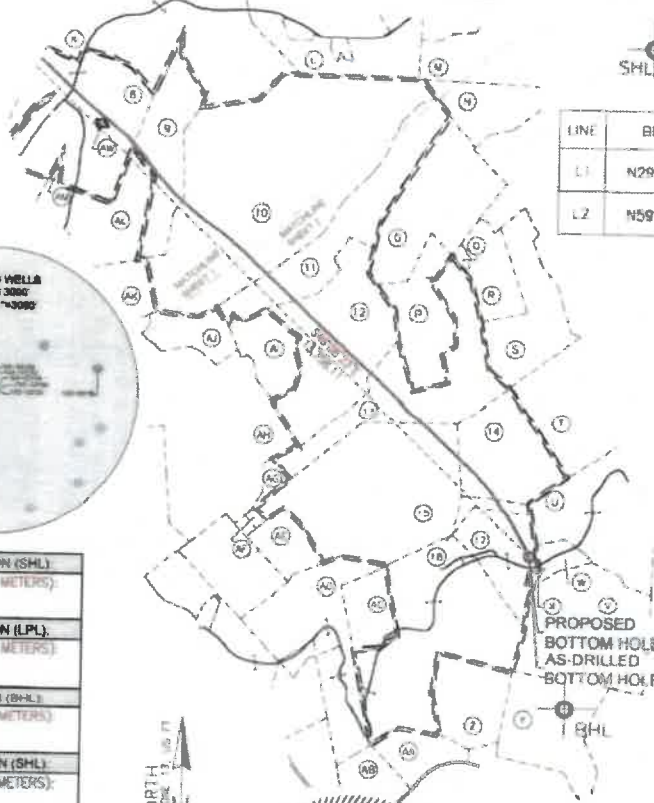


68011 Vineyard Road
St. Clairsville, Ohio 43960
740-695-8100



NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM AND 83 DATUM ZONE 17 U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE DPM.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCELS, MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO ENCUMBRANCES OF BUILDINGS WITHIN 400 FEET OF PROPOSED CENTER OF W.C.
- NO PERMANENT STREAMS, LAKES, PONDS, RESERVOIRS OR BELIEVED WITHIN 400 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY OCCURRING FRESH STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 200 FEET OF PROPOSED WELL.

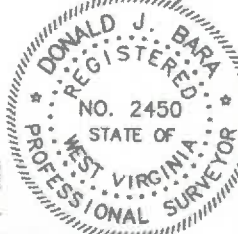


LINE	BEARING	DISTANCE
L1	N29°57'34"E	988.83'
L2	N59°37'48"E	1382.29'



SURFACE HOLE LOCATION (SHL)	UTM (NAD83, ZONE 17, METERS): NORTHING: 4389453.49 EASTING: 527528.14
LANDING POINT LOCATION (LPL)	UTM (NAD83, ZONE 17, METERS): NORTHING: 4389480.73 EASTING: 527702.20
BOTTOM HOLE LOCATION (BHL)	UTM (NAD83, ZONE 17, METERS): NORTHING: 4389426.90 EASTING: 530772.92
SURFACE HOLE LOCATION (SHL)	UTM (NAD83, ZONE 17, METERS): NORTHING: 4389453.49 EASTING: 527528.14
LANDING POINT LOCATION (LPL)	UTM (NAD83, ZONE 17, METERS): NORTHING: 4389547.36 EASTING: 527635.83
BOTTOM HOLE LOCATION (BHL)	UTM (NAD83, ZONE 17, METERS): NORTHING: 4389627.67 EASTING: 530773.83

GRID NORTH
UTM (NAD83) DATUM ZONE 17, 10 FT



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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. 2400

COMPANY: **SWN** SWN ^{ENV}
Production Company, LLC Production Company, LLC

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	OPERATOR'S WELL #: 210H
WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: (NAVD 88, US FT)	APR WELL #: 47 103 03611 STATE COUNTY PERMIT
WELL TYPE: OIL WASTE DISPOSAL PRODUCTION X DEEP GAS X LIQUID INJECTION STORAGE SHALLOW X	WATERSHED: UPPER OHIO SOUTH	ELEVATION: 1430'
DISTRICT: PROCTOR COUNTY: WETZEL	SURFACE OWNER: CONSTANCE A. TAYLOR	QUADRANGLE: WILEYVILLE, WV
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION	OIL & GAS ROYALTY OWNER: CONSTANCE A. TAYLOR	ACREAGE: ±43.5
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE X (SPECIFY) AS-DRILLED	TARGET FORMATION: MARCELLUS	ACREAGE: ±43.5
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPOINT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPOINT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	ESTIMATED DEPTH: 7,570' TVD 21,996' TMD

LEGEND: ● EXISTING BOTTOM HOLE ○ EXISTING / PROPOSED WELL #	— ACCESS ROAD — PUBLIC ROAD	REVISIONS:	DATE: 01-12-2024 API NO: 47-103-03611
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LONGITUDE: 80°57'30" BOTTOM HOLE (2000' SCALE) 1.3753
LONGITUDE: 80°40'00" SURFACE HOLE (2000' SCALE) 4.442

10/25/2024

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
1	TAYLOR CONSTANCE A (S/R)	12-18-5	AT	BECKER ERICK D & PHYLLIS M	12-18-7.1
2	BECKER ERICK D & PHYLLIS M	12-18-6	AU	TORMAN STEVE & TORMAN ROBERT, MILLER DIANA & MONROE PEGGY	12-18-12.1
3	BECKER ERICK D & PHYLLIS	12-18-7	AV	DAY PENNY LYNN	12-18-12.2
4	REED VICKY ANN	1-9-3	AW	KIRKLAND CEMETERY	1-13-3
5	WELLS TIMOTHY H	12-18-12			
6	RIGGS MILLARD F SR	1-9-9			
7	DORTON BOBBY J & DEBORAH G	12-18-20			
8	DORTON BOBBY J & DEBORAH G	1-13-1			
9	MORRIS PATRICK L	1-12-4			
10	WYKERT LEWIS EST & ALBERTA	1-13-5			
11	BYLER GARRY L, WRIGHT DAVID W, CSOMKA DONNA	1-13-9			
12	RAY CHRISTOPHER & KAREN, HAY L WAYNE H & BRENDA	1-13-17			
13	HAY L WAYNE H & BRENDA	1-13-26			
14	CHANNELL RONALD F & VIVIAN J	1-14-34			
15	CHANNELL RONALD F & VIVIAN J	1-13-34			
16	GREATHOUSE ARLES, GREATHOUSE ROBERT W	1-13-45			
17	EVANS ELLEN K B ETAL	1-14-56			
ADJOINING OWNERS TABLE					
TRACT	SURFACE OWNER	TAX PARCEL			
A	TAYLOR CONSTANCE A	12-14-33			
B	BLAKE BRENT PAUL ETAL, L/E BLAKE PAUL J	12-14-34			
C	RIDGE TOP CAPITAL LP	12-14-25			
D	BALLOUZ A C	12-14-35			
E	CECIL ROBERT LEE	12-15-33			
F	RICHMAN TROY	1-9-3.1			
G	RICHMAN TROY & GLENDA M	1-9-3.2			
H	RIGGS MILLARD F SR	1-9-8			
I	THOMAS CALEB & VICTORIA	1-9-3.3			
J	PATRICK ROGER, BEVER DONALD A	1-9-1			
K	HUGHNS FAMILY IRREVOCABLE, TRUST	1-9-10			
L	WYKERT LEWIS H EST, (ALBERTA WYKERT - LIFE)	1-9-11			
M	CAIN SAMUEL EST & CAIN GLEN JR	1-10-46			
N	CAIN SAMUEL EST & CAIN GLEN JR	1-14-1			
O	CAIN SAMUEL HRS	1-13-10			
P	WYKERT WAYNE E, WYKERT WAYNE E II	1-13-18			
Q	WYKERT WAYNE E, WYKERT WAYNE E II	1-13-19			
R	WYKERT WAYNE E, WYKERT WAYNE E II	1-14-20			
S	CADLE EARNEST HOWARD, LIVING TRUST	1-14-57			
T	MCELROY GEORGE F, BARTH GOLDIE	1-14-35			
U	THOMAS JACK W	1-14-36			
V	LEMMASTERS RANDY W	1-14-45			
W	LEMMASTERS RANDY W	1-14-45.1			
X	MOORE J W	1-14-44			
Y	YEAGER DIANNA R & WALLICK DARL, L/E MCBEE DALE LEMDNE	1-18-1			
Z	GREATHOUSE ROBERT WILLIAM	1-17-7			
AA	WILLEY WANDA KAY	1-17-13.8			
AB	MCBEE THOMAS D, SCYOC RICHARD RIDER	1-17-12			
AC	GREATHOUSE ARLES, GREATHOUSE ROBERT W	1-13-44			
AD	GREATHOUSE ROBERT W & KATHY D	1-13-43			
AE	CHANNELL RONALD F & VIVIAN J	1-13-34.2			
AF	MELOTT MICHAEL W, L/E MELOTT MARTIN E SR	1-13-34.1			
AG	WEST BRUCE & MARY	1-13-46			
AH	POSTLETHWAIT TRAVIS J	1-13-15			
AI	RAY CHRISTOPHER O & KAREN, HAY L WAYNE H & BRENDA	1-13-16			
AJ	BERGER RAYNE E	1-13-14			
AK	PHILLIPS TERRY A & CATHELENE L	1-13-14.1			
AL	MORRIS PATRICK L	1-13-8			
AM	ADAMS BESSIE & OSGAY CALVERT	1-13-2			
AN	DORTON BOBBY J & DEBORAH G	1-13-7			
AO	REED VICKY A	12-18-19			
AP	WELLS TIMOTHY H	12-18-18			
AQ	BLAKE TYLER C	12-18-11			
AR	BLAKE KIP MARTIN & SANDRA K	12-18-4.1			
AS	BLAKE BRENT PAUL ETAL, L/E BLAKE PAUL J	12-14-32.3			

REVISIONS:

COMPANY: **SWN** Production Company, LLC

OPERATOR'S: **CONSTANCE TAYLOR WTZ**

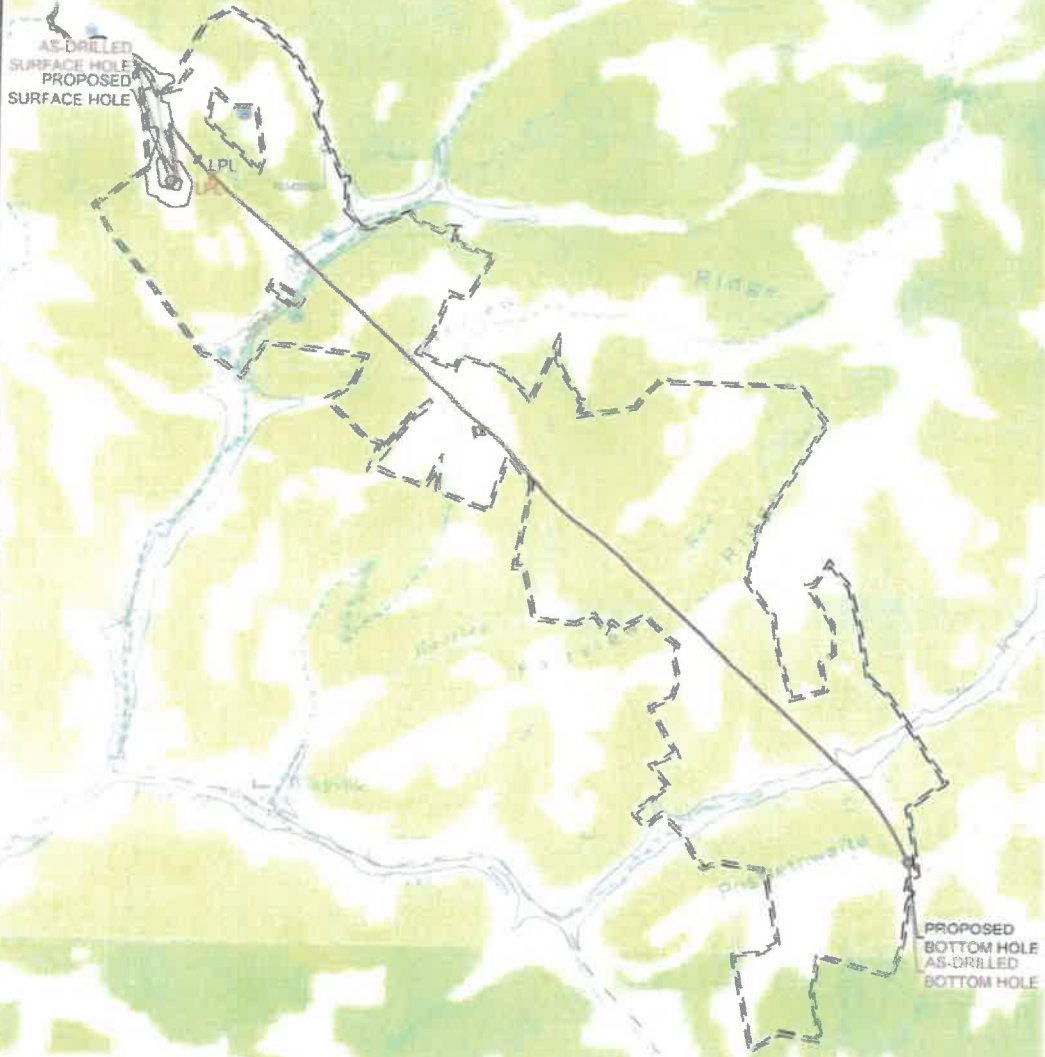
DATE: **03-12-2024**

10/25/2024

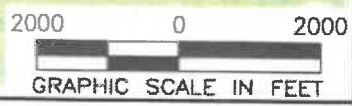


68011 Vineyard Road
 St. Clairsville, Ohio 43950
 740-695-6100

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.654437
LONGITUDE: -80.679140
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.653804
LONGITUDE: -80.641425
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.654437
LONGITUDE: -80.679140
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.638886
LONGITUDE: -80.641415



NOTES ON SURVEY
 1. SURFACE AND ROYALTY OWNER INFORMATION AND OTHER INFORMATION SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
 2. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PROPERTY SHOWN HEREON.
 3. ALL INSERTS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:	
⊙ EXISTING BOTTOM HOLE	— ACCESS ROAD
⊙ EXISTING / PRODUCING WELLHEAD	— PUBLIC ROAD
LPLR EXISTING LANDING POINT LOCATION	— FLOOD PLAIN
⊙ PROPOSED SURFACE HOLE / BOTTOM HOLE	— LEASE BOUNDARY
LPLR PROPOSED LANDING POINT LOCATION	— AS-DRIILLED PATH
	— PROPOSED PATH

WELL OPERATOR:
 SWN PRODUCTION COMPANY, LLC
ADDRESS:

WELL (FARM) NAME:
 CONSTANCE TAYLOR W7Z
COUNTY: **CODE:** **DISTRICT:** **API #**

WELL / SERIAL #
 210H / XXXX

10/25/2024